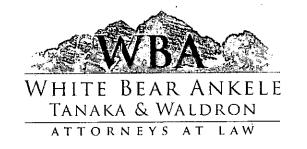
GARY R. WHITE
KRISTEN D. BEAR
WILLIAM P. ANKELE, JR.
JENNIFER GRUBER TANAKA
CLINT C. WALDRON
KRISTIN BOWERS TOMPKINS
ROBERT G. ROGERS



SEAN ALLEN
GEORGE M. ROWLEY
NEIL RUTLEDGE
BRENT E. BUTZIN
ZACHARY P. WHITE
BOBBY D. GREENE
SILVIA FEJKA
MEGAN L. TAGGART

February 10, 2015

Sent via Certified Mail

Douglas County Clerk and Recorder 301 Wilcox Street Castle Rock, CO 80104

Re: Cottonwood Highlands Metropolitan District Nos. 1-2

Filing of Approved Consolidated Service Plan

Dear Clerk and Recorder:

Pursuant to Section 32-1-306, C.R.S., enclosed please find a copy of the approved Consolidated Service Plan for Cottonwood Highlands Metropolitan District Nos. 1-2.

Please note that the Service Plan is NOT for recording; it is being provided pursuant to statute to be maintained as a public record for public inspection.

Please call if you have any questions.

Very truly yours,

White Bear Ankele Tanaka & Waldron

Attorneys at Law

Stacey Hibpshman

Paralegal

Enclosure

1287,0002:666661

RESOLUTION NO. 14-050, Series of 2014

TITLE: A RESOLUTION TO APPROVE THE CONSOLIDATED SERVICE PLAN FOR COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT NO. 1 AND COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT NO. 2

WHEREAS, THE TOWN COUNCIL OF PARKER FINDS:

- A. That a Consolidated Service Plan ("Service Plan") for the organization of the Cottonwood Highlands Metropolitan District No. 1 and Cottonwood Highlands Metropolitan District No. 2 (collectively, "the Districts") was filed in the office of the Town Clerk of the Town of Parker; and
- B. That pursuant to statute and the Town of Parker Municipal Code, the Town Council has authority to review the Service Plan with reference to need, service and economic feasibility; and
- C. That the Town Council has reviewed the Service Plan, the evidence and related exhibits, and has determined that the same meets the municipal approval criteria under the Special District Act and Town of Parker Municipal Code, and therefore, has determined to adopt a resolution of conditional approval of the Service Plan for the proposed Districts.

Upon consideration of the Service Plan for the proposed Districts, and evidence at the public hearing on the Service Plan, the Town Council does find, determine and declare, as required by Section 32-1-203(2), C.R.S. and the Town of Parker Municipal Code, as follows:

- A. That there is sufficient existing and projected need for organized service in the area to be serviced by the proposed Districts;
- B. That the existing service in the area to be served by the proposed Districts is inadequate for present and projected needs;
- C. That the proposed Districts are capable of providing economical and sufficient service to the area within their proposed boundaries;
- D. That the area to be included in the proposed Districts has, or will have, the financial ability to discharge the proposed indebtedness on a reasonable basis;
- E. That adequate service is not or will not be available to the area through the Town or other existing quasi-municipal corporations, including existing districts, within a reasonable time and on a comparable basis;
- F. That the facility and service standards of the proposed Districts are compatible with the facility and service standards of the Town;
 - G. That the proposal is in substantial compliance with the Town's master plan;

- H. That the proposal is in substantial compliance with the county, regional or state long-range water quality management plan for the area;
- I. That the creation of the Districts will be in the best interests of the area proposed to be served;
- J. That the creation of the Districts will be in the best interests of the residents or future residents of the area proposed to be served;
- K. That the proposed Service Plan is in substantial compliance with Sections 10.11.010, et seq., of the Parker Municipal Code; and
- L. That the creation of the Districts will not foster urban development that is remote from or incapable of being integrated with existing urban areas, or place a burden on the Town or adjacent jurisdictions to provide urban services to residents of the proposed Districts.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF PARKER, COLORADO, AS FOLLOWS:

- Section 1. The Town Council of the Town of Parker hereby determines that upon consideration of the Consolidated Service Plan ("Service Plan"), and all evidence disclosed at the public hearing on the Service Plan, the Service Plan for the Cottonwood Highlands Metropolitan District No. 1 and Cottonwood Highlands Metropolitan District No. 2 (collectively, "the Districts") shall be and the same is hereby approved, subject to the conditions set forth in Section 2, below.
- Section 2. The Town Council of the Town of Parker, pursuant to Section 32-1-204.5(1)(c), C.R.S., and the Parker Municipal Code, hereby imposes the following conditions upon its approval of the Service Plan:
- a. Prior to the hearing date set by the District Court of Douglas County, pursuant to Section 32-1-304, C.R.S., the complete, fully and properly executed originals of the following documents shall be filed with the Town Clerk for the proposed Districts: the property owners' consent(s); the engineer's stamped opinion of probable costs; the final Financial Plan and certification; and the Project Developer's indemnification letter that are required under the Service Plan and set forth in Exhibits C-2, D, F and G to the Service Plan. The Developer's indemnification letter shall be executed by all owners of the property within the Initial District Boundaries, which owners constitute the Developer and proponents of the Districts.
- b. At their first meeting after their organizational election, the Districts shall execute their Districts' indemnification letter and the Intergovernmental Agreement with the Town ("IGA") that are required under the Service Plan and set forth in Exhibits G and H to the Service Plan and promptly deliver executed originals thereof to the Town.

A = A + A + A + A + A + A + A + A + A +	RESOLVED AND PASSEI	D this bulk day of	October	, 2014.
---	---------------------	--------------------	---------	---------

TOWN OF PARKER, COLORADO

Mike Waid, Mayor

ATTEST:

Carol Baumgartner, Town Clerk

CONSOLIDATED SERVICE PLAN FOR

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT NO. 1 COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT NO. 2 TOWN OF PARKER, COLORADO

Prepared

by

WHITE BEAR ANKELE TANAKA & WALDRON 2154 E COMMONS AVENUE, SUITE 2000 CENTENNIAL, CO 80122

September 17, 2014

TABLE OF CONTENTS

I.	INTRODUCTION A. Purpose and Intent B. Need for the Districts. C. Objective of the Town Regarding Districts' Service Plan	1
II.	DEFINITIONS	
III.	BOUNDARIES	. 5
IV.	PROPOSED LAND USE/POPULATION PROJECTIONS/ASSESSED VALUATION.	5
V.	DESCRIPTION OF PROPOSED POWERS, IMPROVEMENTS AND SERVICES. A. Powers of the Districts and Service Plan Amendment. 1. Operations and Maintenance Limitation. 2. Fire Protection Limitation. 3. Television Relay and Translation; Mosquito Control, and Other Limitations. 4. Construction Standards Limitation. 5. Property Acquisition Limitation; Transfer Requirement. 6. Privately Placed Debt Limitation. 7. Inclusion and Exclusion Limitation. 8. Initial Debt Limitation. 9. Total Debt Issuance Limitation. 10. Monies from Other Governmental Sources. 11. Consolidation Limitation. 12. Bankruptcy Limitation. 13. Revenue Bond Limitation. 14. Service Plan Amendment Requirement. B. Capital Plan. C. Multiple District Structure.	666 667 77778888889
VI.	FINANCIAL PLAN	0112344555

VII.	ANNUAL REPORT	16
	A. General	16
	ANNUAL REPORT A. General B. Reporting of Significant Events	16
VIII.	DISSOLUTION	17
IX.	DISCLOSURE TO PURCHASERS OF RESIDENTIAL PROPERTY	17
X.	INTERGOVERNMENTAL AGREEMENT	17
XI.	NON-COMPLIANCE WITH SERVICE PLAN	18
XII.	CONCLUSION	19

LIST OF EXHIBITS

EXHIBIT A Legal Descriptions

EXHIBIT B Parker Vicinity Map

EXHIBIT C-1 Initial District Boundary Map

EXHIBIT C-2 Inclusion Area Boundary Map

EXHIBIT C-3 Proof of Ownership and Consents for all Properties within Districts

EXHIBIT D Capital Plan and Engineer's Opinion of Probable Cost

EXHIBIT E Maps Depicting Public Improvements

EXHIBIT F Financial Plan

EXHIBIT G Indemnification Letters

EXHIBIT H Intergovernmental Agreement

EXHIBIT I Improvement Operations and Maintenance Matrix

I. INTRODUCTION

A. Purpose and Intent.

The Districts are independent units of local government, separate and distinct from the Town, and, except as may otherwise be provided for by State or local law or this Service Plan, their activities are subject to review by the Town only insofar as they may deviate in a material matter from the requirements of the Service Plan, Chapter 10.11 of the Town Code, or the Intergovernmental Agreement. It is intended that the Districts will provide a part or all of the Public Improvements for the use and benefit of all anticipated inhabitants and taxpayers of the Districts. The primary purpose of the Districts will be to finance the construction of these Public Improvements.

The Districts are being created to provide limited ongoing operations and maintenance services as specifically set forth in this Service Plan and the Intergovernmental Agreement.

B. Need for the Districts.

There are currently no other governmental entities, including the Town, located in the immediate vicinity of the Districts that consider it desirable, feasible or practical to undertake the planning, design, acquisition, construction, installation, relocation, redevelopment, and financing of the Public Improvements needed for the Project. Formation of the Districts is therefore necessary in order for the Public Improvements required for the Project to be provided in the most economic manner possible.

C. Objective of the Town Regarding Districts' Service Plan.

The Town's objective in approving the Service Plan for the Districts is to authorize the Districts to provide for the planning, design, acquisition, construction, installation, relocation, redevelopment and financing of the Public Improvements from the proceeds of Debt to be issued by the Districts. All Debt is expected to be repaid by limited taxes and Development Fees imposed and collected for no longer than the Maximum Debt Mill Levy Imposition Term for residential properties and at a tax mill levy no higher than the Residential Maximum Debt Mill Levy for residential properties and the Commercial Maximum Debt Mill Levy for commercial properties. Debt which is issued within these parameters (as further described in the Financial Plan) will insulate property owners from excessive tax burdens to support the servicing of the Debt and will result in a timely and reasonable discharge of the Debt.

This Service Plan is intended to establish limited purposes for the Districts and explicit financial constraints that are not to be violated under any circumstances. The primary purpose of the Districts is to provide for the Public Improvements associated with the Project, including those regional improvements necessitated by the Project. Ongoing operational and maintenance activities may be allowed, but only as specifically provided for in the Intergovernmental Agreement.

It is the intent of the Districts to dissolve upon payment or defeasance of all Debt incurred or upon a court determination that adequate provision has been made for the payment of

all Debt, and if any District has authorized operations and maintenance functions under an intergovernmental agreement with the Town, to retain only the power necessary to impose and collect taxes or fees to pay for these costs.

It is a requirement of this Service Plan that all property classified as "residential" shall be located in a Residential District, and that all property classified as "commercial" shall be located within the boundaries of the Commercial District. For purposes of this distinction "commercial property" shall mean all property other than "residential real property" as that term is defined in Article X, Section 3(1)(b) of the Colorado Constitution. There are two goals of this distinction: (1) to have similarly situated properties governed by common interests, and (2) to apply a lower maximum tax burden on residential owners. As such, no commercial property shall be located in a Residential District, and no residential property shall be located in a Commercial District. The foregoing shall not prohibit the Residential and Commercial Districts from sharing the costs of Public Improvements in compliance with the provisions of this Service Plan and applicable law.

The Districts shall be authorized to finance the Public Improvements that can be funded from Debt to be repaid from tax revenues collected from a mill levy which shall not exceed: (1) the Commercial Maximum Debt Mill Levy on commercial properties; or (2) the Residential Maximum Debt Mill Levy and the Maximum Debt Mill Levy Imposition Term on residential properties. It is the intent of this Service Plan to assure to the extent possible that no commercial or residential property bear an economic burden that is greater in amount than that associated with the Commercial Maximum Debt Mill Levy or the Residential Maximum Debt Mill Levy, as applicable, and that no property developed for a residential use bear an economic burden that is longer in duration than that associated with the Maximum Debt Mill Levy Imposition Term in duration even under bankruptcy or other unusual situations. Generally, the cost of Public Improvements that cannot be funded within these parameters and the financing capacity of the Districts are not costs to be paid by the Districts. Costs of required Public Improvements that cannot be financed by the District are expected to be financed by the developer of the Project.

II. <u>DEFINITIONS</u>

In this Service Plan, the following terms shall have the meanings indicated below, unless the context hereof clearly requires otherwise:

Approved Development Plan: means a development plan or other process established by the Town (including but not limited to approval of a final plat, minor development plat or site plan by the Town planning commission or by the Town Council) for identifying, among other things, Public Improvements necessary for facilitating development for property within the Service Area as approved by the Town pursuant to the Town Code and as amended pursuant to the Town Code from time to time. An Approved Development Plan does not include any plan, process or approval denoted as preliminary under the Town Code.

<u>Board</u>: means the board of directors of one District or the boards of directors of all Districts, in the aggregate, as the context may require.

<u>Bond.</u> Bonds or <u>Debt</u>: means bonds or other obligations for the payment of which the District has promised to impose an *ad valorem* property tax mill levy.

<u>Capital Plan</u>: means the Capital Plan described in Section V.B. which includes: (a) a comprehensive list of the Public Improvements to be developed by the Districts; (b) an engineer's estimate of the cost of the Public Improvements; and (c) a pro forma capital expenditure plan correlating expenditures with development.

Commercial District: means the Cottonwood Highlands Metropolitan District No. 2.

<u>Commercial Maximum Debt Mill Levy</u>: means the maximum mill levy the Commercial District is permitted to impose for payment of Debt as set forth in Section VI.C. below.

<u>Development Fee</u>: means the one-time development or system development fee imposed by the Districts on a per-unit (*residential*) or per square-foot (*non-residential*) basis at or prior to the issuance of a certificate of occupancy for the unit or structure to assist with the planning and development of the Public Improvements, subject to the limitations set forth in Section VI.F. of the Service Plan. The Development Fee may be used to finance, plan, acquire, and construct the Public Improvements, and pay debt service.

<u>District</u>: means any one of the Cottonwood Highlands Metropolitan District No. 1 through No. 2.

<u>District No. 1</u>: means the Cottonwood Highlands Metropolitan District No. 1.

District No. 2: means the Cottonwood Highlands Metropolitan District No. 2.

Districts: means District No. 1 and District No. 2, collectively.

External Financial Advisor: means a consultant that: (1) advises Colorado governmental entities on matters relating to the issuance of securities by Colorado governmental entities, including matters such as the pricing, sales and marketing of such securities and the procuring of bond ratings, credit enhancement and insurance in respect of such securities; (2) shall be an underwriter, investment banker, or individual listed as a public finance advisor in the Bond Buyer's Municipal Market Place; and (3) is not an officer or employee of the District and has not been otherwise engaged to provide services in connection with the transaction related to the applicable Debt.

Financial Plan: means the Financial Plan described in Section VI which describes (a) how the Public Improvements are to be financed; (b) how the Debt is expected to be incurred; (c) the estimated operating revenue derived from property taxes for the first budget year; (d) the total amount of Debt planned for at least the five-year period commencing with the formation of the District; (e) all proposed sources of revenue and projected District expenses, as well as the assumptions upon which they are based, for at least a ten-year period from the date of District formation; (f) the dollar amount of any anticipated financing, including capitalized interest, costs of issuance, estimated maximum rates and discounts, and any expenses related to the organization and initial operation of the District; (g) a detailed repayment plan covering the life of any financing,

including the frequency and amounts to be collected from all sources; (h) the amount of any reserve fund and the expected level of annual Debt service coverage which will be maintained for any financing; (i) the total authorized Debt for the District; (j) the provisions regarding any credit enhancement, if any, for the proposed financing, including, but not limited to, letters of credit and insurance; and (k) a list and written explanation of potential risks of the financing.

<u>Inclusion Area Boundaries</u>: means the boundaries of the area described in the Inclusion Area Boundary Map.

<u>Inclusion Area Boundary Map</u>: means the map attached hereto as **Exhibit C-2**, describing the property proposed for inclusion within one, but not any more than one, of the boundaries of the Districts after organization, if any.

<u>Initial District Boundaries</u>: means the boundaries of the area described in the Initial District Boundary Map.

<u>Initial District Boundary Map</u>: means the map attached hereto as **Exhibit C-1**, describing the initial boundaries of the Districts.

<u>Intergovernmental Agreement</u>: means the intergovernmental agreement required by Town Code section 10.11.140(a), and attached hereto as **Exhibit G**.

Map Depicting Public Improvements: means the map attached hereto as Exhibit E, showing the location(s) of the Public Improvements listed in the Capital Plan.

<u>Maximum Debt Mill Levy Imposition Term</u>: means the maximum term for imposition of a mill levy on a particular property developed for residential uses as set forth in Section VI.E. below.

<u>Project</u>: means the development or property commonly referred to as Cottonwood Highlands.

<u>Proof of Ownership</u>: means a current title commitment or ownership and encumbrance report showing ownership and all encumbrances on all properties within the Initial District Boundaries, or other documentation acceptable to the Town Attorney.

<u>Public Improvements</u>: means a part or all of the improvements authorized to be planned, designed, acquired, constructed, installed, relocated, redeveloped as part of an Approved Development Plan and financed as generally described in the Special District Act, except as specifically limited in Section V below to serve the future taxpayers and inhabitants of the Service Area as determined by the Board of the District.

Residential District: means the Cottonwood Highlands Metropolitan District No.1.

Residential Maximum Debt Mill Levy: means the maximum mill levy a Residential District is permitted to impose for the payment of Debt as set forth in Section VI.D. below.

Service Area: means the property within the Initial District Boundary Map and the Inclusion Area Boundary Map.

Service Plan: means this service plan for the Districts approved by Town Council.

Service Plan Amendment: means an amendment to the Service Plan approved by Town Council in accordance with Chapter 10.11 of the Town Code and the applicable state law.

Special District Act: means Section 32-1-101, et seq., of the Colorado Revised Statutes, as amended from time to time.

State: means the State of Colorado.

Town: means the Town of Parker, Colorado.

<u>Town Code</u>: means the Town of Parker Municipal Code, as may be amended and in effect from time to time.

Town Council: means the Town Council of the Town of Parker, Colorado.

III. BOUNDARIES

The area of the Initial District Boundaries includes approximately 143 acres and the total area proposed to be included in the Inclusion Area Boundaries is approximately 52 acres. A legal description of the Initial District Boundaries and the Inclusion Area Boundaries is attached hereto as **Exhibit A**. A map of the Initial District Boundaries is attached hereto as **Exhibit C-1**, and a map of the Inclusion Area Boundaries is attached hereto as **Exhibit C-2**. Proof of Ownership and consents of the owners to organization of the District for all properties within the Initial District Boundaries is attached hereto as **Exhibit C-3**. A vicinity map is attached hereto as **Exhibit B**. It is anticipated that the boundaries of the Districts may change from time to time as the Project is developed and as the Districts undergo inclusions and exclusions pursuant to Section 32-1-401, et seq., C.R.S., and Section 32-1-501, et seq., C.R.S., subject to the limitations set forth in Article V below.

IV. PROPOSED LAND USE/POPULATION PROJECTIONS/ASSESSED VALUATION

The Service Area consists of approximately 195 acres of residential and commercial land. The current assessed valuation of the Service Area is assumed to be \$0.00 for purposes of this Service Plan and, at build out, is expected to be sufficient to reasonably discharge the Debt under the Financial Plan. The residential population of the District at build-out is estimated to be approximately 2,100 persons (based on 2.5 persons per household). The non-residential density of the Commercial District at build-out is estimated to be approximately 350,000 square feet (based on initial Project commercial development projections provided by District applicant).

Approval of this Service Plan by the Town does not imply approval of the development of a specific area within the Districts, nor does it imply approval of the number of residential units or the total site/floor area of commercial or industrial buildings which may be identified in

this Service Plan or any of the exhibits attached thereto. The permitted level of development within the Project is as contained within an Approved Development Plan.

Approval of this Service Plan by the Town in no way releases or relieves the developer of the Project, or the landowner or any subdivider of the Project property, or any of their respective successors or assigns, of obligations to construct public improvements for the Project or of obligations to provide to the Town such financial guarantees as may be required by the Town to ensure the completion of the Public Improvements, or of any other obligations to the Town under the Town Code or any applicable annexation agreement, subdivision agreement, or other agreements affecting the Project property or development thereof.

V. DESCRIPTION OF PROPOSED POWERS, IMPROVEMENTS AND SERVICES

A. Powers of the Districts and Service Plan Amendment.

The Districts shall have the power and authority to provide the Public Improvements within and without the boundaries of the Districts as such power and authority is described in the Special District Act, and other applicable statutes, common law and the Constitution, subject to the limitations set forth in this Service Plan and the Intergovernmental Agreement.

- 1. Operations and Maintenance Limitation. The purpose of the Districts is to plan for, design, acquire, construct, install, relocate, redevelop and finance the Public Improvements. The Districts shall dedicate the Public Improvements to the Town or other appropriate jurisdiction or owners association in a manner consistent with the Approved Development Plan, other rules and regulations of the Town, and applicable provisions of the Town Code, all as directed by the Town. The Districts shall not be authorized to operate and maintain any part or all of the Public Improvements or any other improvements, public or private, unless specifically provided for in the Intergovernmental Agreement.
- 2. <u>Fire Protection Limitation</u>. The Districts shall not be authorized to plan for, design, acquire, construct, install, relocate, redevelop, finance, operate or maintain fire protection facilities or services, unless such facilities and services are provided pursuant to an intergovernmental agreement with the Town. The authority to plan for, design, acquire, construct, install, relocate, redevelop or finance fire hydrants and related improvements installed as part of the water system shall not be limited by this provision.
- 3. <u>Television Relay and Translation; Mosquito Control, and Other Limitations</u>. Unless such facilities and services are provided pursuant to an intergovernmental agreement with the Town, the Districts shall not be authorized to plan for, design, acquire, construct, install, relocate, redevelop, finance, operate, maintain or provide: (a) any television relay and translation facilities and services, other than for the installation of conduit as a part of a street construction project; (b) any mosquito control facilities and services; (c) any solid waste disposal, collection and transportation facilities and services; and (d) any security, covenant enforcement and design review services.
- 4. <u>Construction Standards Limitation</u>. The Districts will ensure that the public Improvements are designed and constructed in accordance with the standards and

specifications of the Town and of federal and state governmental entities having proper jurisdiction and of those special districts that qualify as "interested persons" under Section 32-1-204(1), C.R.S., as applicable. The Districts will obtain the Town's approval of civil engineering plans and will obtain applicable permits for construction and installation of Public Improvements prior to performing such work.

- 5. <u>Property Acquisition Limitation; Transfer Requirement.</u> The Districts shall not exercise any power of dominant eminent domain against the Town without the prior written consent of the Town. The Districts shall at no expense to the Town transfer to the Town all rights-of-way, fee interests and easements that the Town determines are necessary for access to and operation and maintenance of the Public Improvements, consistent with the Approved Development Plan and to the extent such interests have not been acquired by the Town through such Development Plan process.
- 6. <u>Privately Placed Debt Limitation</u>. Prior to the issuance of any privately placed Debt, the Districts shall obtain the certification of an External Financial Advisor substantially as follows:

We are [I am] an External Financial Advisor within the meaning of the Districts' Service Plan.

We [I] certify that (1) the net effective interest rate (calculated as defined in Section 32-1-103(12), C.R.S.) to be borne by the Districts for the [insert the designation of the Debt] does not exceed a market [tax-exempt] [taxable] interest rate, using criteria deemed appropriate by us [me] and based upon our [my] analysis of comparable high yield securities; and (2) the structure of [insert designation of the Debt], including maturities and early redemption provisions, is reasonable considering the financial circumstances of the Districts.

- 7. <u>Inclusion and Exclusion Limitations</u>. The Districts shall not include within any of their boundaries any property outside the Service Area without the prior written consent of the Town Council. The District shall not exclude any property from a District if such exclusion will result, or is reasonably anticipated to result, in detriment to the remaining residents and taxpayers within the District, or to the District's bondholders.
- 8. <u>Initial Debt Limitation</u>. On or before the effective date of approval of an Approved Development Plan, the Districts shall not: (a) issue any Debt; nor (b) impose a mill levy for the payment of Debt by direct imposition or by transfer of funds from the operating fund to the Debt service funds; nor (c) impose or collect any fees or revenues from any other source for the purpose of repayment of Debt.
- 9. <u>Total Debt Issuance Limitation</u>. The Districts shall not issue Debt in excess of \$30,000,000 total aggregate principal amount, which limit is a combined, total aggregate amount for all Districts.

- 10. <u>Monies from Other Governmental Sources</u>. The Districts shall not apply for or accept Conservation Trust Funds, Great Outdoors Colorado Funds, or other funds available from or through governmental or non-profit entities for which the Town is eligible to apply for, except as may be specifically authorized in an intergovernmental agreement with the Town. This Section shall not apply to specific ownership taxes which shall be distributed to and constitute a revenue source for the Districts without any limitation.
- 11. Consolidation Limitation. No District shall not file a request with any Court to consolidate with any other Title 32 district, whether one of Districts or otherwise, without the prior written consent of the Town.
- Plan, including, but not limited to, those pertaining to the Commercial Maximum Debt Mill Levy, the Residential Maximum Debt Mill Levy, the total Debt issuance limitation, and the Maximum Debt Mill Levy Imposition Term have been established under the authority of the Town to approve a Service Plan with conditions pursuant to Section 32-1-204.5, C.R.S. It is expressly intended that such limitations:
- (a) shall not be subject to set-aside for any reason or by any court of competent jurisdiction, absent a Service Plan Amendment; and
- (b) are, together with all other requirements of Colorado law, included in the "political or governmental powers" reserved to the State under the U.S. Bankruptcy Code (11 U.S.C.) Section 903, and are also included in the "regulatory or electoral approval necessary under applicable nonbankruptcy law" as required for confirmation of a Chapter 9 Bankruptcy Plan under Bankruptcy Code Section 943(b)(6).

Any Debt, issued with a pledge or which results in a pledge, that exceeds the Commercial Maximum Debt Mill Levy, the Residential Maximum Debt Mill Levy, or the Maximum Debt Mill Levy Imposition Term, shall be deemed a material modification of this Service Plan pursuant to Section 32-1-207, C.R.S. and shall not be an authorized issuance of Debt unless and until such material modification has been approved by the Town as part of a Service Plan Amendment.

- 13. Revenue Bond Limitation. The Districts shall not issue revenue bonds, except as set forth in this Section. Prior to issuing any revenue bonds, the District or Districts proposing to issue such revenue bonds shall submit all relevant details of such issuance to the Town Council, which may elect to treat the issuance of revenue bonds as a material modification of the Service Plan. If the Town Council determines that the issuance of revenue bonds constitutes a material modification of the Service Plan, the Districts shall proceed to amend the Service Plan in accordance with Section 32-1-207, C.R.S. prior to issuing any revenue bonds.
- 14. <u>Service Plan Amendment Requirement</u>. This Service Plan is general in nature and does not include specific detail in some instances because development plans have not been finalized. The Service Plan has been designed with sufficient flexibility to enable the Districts to provide required Public Improvements under evolving circumstances without the need for numerous amendments. Modification of the general types of services and facilities

making up the Public Improvements, and changes in proposed configurations, locations or dimensions of the Public Improvements shall be permitted to accommodate development needs consistent with the then-current Approved Development Plan(s) for the Project, subject to the limitations of this Service Plan and the Intergovernmental Agreement.

The Districts are independent units of local government, separate and distinct from the Town, and their activities are subject to review by the Town only insofar as they may deviate in a material manner from the requirements of the Service Plan, Chapter 10.11 of the Town Code, or the Intergovernmental Agreement. Any District may amend this Service Plan without the permission or consent of the remaining Districts, to the extent that the Service Plan amendment affects only that District initiating the statutory amendment process. However, actions of any District which: (1) violate the limitations set forth in Sections V.A.1-14 above; (2) violate the limitations set forth in Section VI.B-I; (3) constitute a material modification under Town Code section 10.11.060; or (4) constitutes a failure to comply with the Intergovernmental Agreement or other agreement with the Town, which non-compliance as not been waived in writing by the Town, shall be deemed to be a material modification to this Service Plan and the Town shall be entitled to all remedies available under State and local law to enjoin such action(s) of the Districts.

Any Town approval requirements contained in this Service Plan (including, without limitation, any provisions requiring that a change, request, occurrence, act or omission be treated as a Service Plan Amendment or be deemed a "material modification" of the Service Plan) shall remain in full force and effect, and, unless otherwise provided by resolution of the Town Council, such Town approval shall continue to be required, notwithstanding any future change in law modifying or repealing any statutory provision concerning service plans, amendments thereof or modifications thereto.

B. <u>Capital Plan.</u>

The Districts shall have authority to provide for the planning, design, acquisition, construction, installation, relocation, redevelopment, maintenance, and financing of the Public Improvements within and without the boundaries of the Districts, to be more specifically defined in an Approved Development Plan; provided, however, that except to the extent necessary to improve adjacent streets, connect Public Improvements and undertake maintenance activities within adjacent and/or off-site rights-of-way and drainage areas, the prior written consent of the Town is required for any District exercise of such authority for Public Improvements outside the boundaries or Service Area of the Districts. Such Town consent may be given by way of approval under an Approved Development Plan. A Capital Plan, including: (1) a comprehensive list of the Public Improvements to be developed by the Districts; (2) an estimate of the cost of the Public Improvements, together with a letter from a Colorado professional registered engineer certifying that such costs are reasonable in the engineer's opinion and that such estimates were prepared based upon Town construction standards; and (3) a pro forma capital expenditure plan correlating expenditures with development is attached hereto as Exhibit D. A Map Depicting Public Improvements is attached hereto as Exhibit E. As shown in the Capital Plan, the estimated cost of the Public Improvements which may be planned for, designed, acquired, constructed, installed, relocated, redeveloped, maintained or financed by the Districts is approximately \$26,000,000. Costs of required Public Improvements that cannot be financed by the Districts within the parameters of this Service Plan and the financial capability of the District are expected to be financed by the developer of the Project.

The Districts shall be permitted to allocate costs between such categories of the Public Improvements as deemed necessary in their discretion.

All of the Public Improvements described herein will be designed in such a way as to assure that the Public Improvements standards will be compatible with those of the Town and shall be in accordance with the requirements of the Approved Development Plan. All descriptions of the Public Improvements to be constructed, and their related costs, are estimates only and are subject to modification as engineering, development plans, economics, the Town's requirements, and construction scheduling may require. Upon approval of this Service Plan, the Districts will continue to develop and refine the Capital Plan and the Map Depicting Public Improvements, as necessary, and prepare for issuance of Debt. All cost estimates will be inflated to then-current dollars at the time of the issuance of Debt and construction. All construction cost estimates contained in **Exhibit D** assume construction to applicable standards and specifications of the Town and state or federal requirements.

C. Multiple District Structure.

It is anticipated that the Districts, collectively, will undertake the financing and construction of the Public Improvements. It is generally anticipated that the Districts will share certain Public Improvement costs benefiting the Project. The nature of the functions and services to be provided by each District, and the mechanisms by which the Districts will cooperatively fund Public Improvement costs, shall be clarified in an intergovernmental agreement among the Districts. The intergovernmental agreement among the Districts, and all amendments thereto, shall be designed to help assure the orderly development of the Public Improvements and essential services in accordance with the requirements of this Service Plan. Implementation of such intergovernmental agreement is intended to promote the orderly implementation of this Service Plan. Accordingly, any determination of any Board to set aside said intergovernmental agreement, or any provision thereof or amendment thereto, without the consent of all of the Districts shall be a material modification of the Service Plan. The foregoing intergovernmental agreement and all amendments thereto, as well as all other intergovernmental agreements and amendments thereto proposed between or among the Districts regarding the subject matter of this Service Plan, shall be subject to review and approval by the Town prior to their execution by the Districts. Such Town review and approval shall be with reference to whether the intergovernmental agreement(s) are in compliance with this Service Plan, the Town-District IGA, and the terms of any Approved Development Plan or other instrument related to the Public Improvements.

VI. <u>FINANCIAL PLAN</u>

A. General.

The Districts shall be authorized to provide for the planning, design, acquisition, construction, installation, relocation and/or redevelopment of the Public Improvements from their revenues and by and through the proceeds of Debt to be issued by the Districts. The

Financial Plan for the Districts shall be to issue such Debt as the Districts can reasonably pay from revenues derived from the Residential Maximum Debt Mill Levy, the Commercial Maximum Debt Mill Levy, and other legally available revenues. All bonds and other Debt issued by the Districts may be payable from any and all legally available revenues of the Districts, including general ad valorem taxes to be imposed upon all taxable property within the Districts. The Districts will also rely upon various other revenue sources authorized by law, such as interest, specific ownership taxes, advances from the Project developer and grants. The Districts are also authorized to assess and collect a Development Fee as set forth in Section VI.E, below. Unless specifically authorized in the Intergovernmental Agreement, the District shall not impose or assess any fees, rates, tolls, penalties, or charges other than the Development Fee without first obtaining Town approval of an amendment to this Service Plan, which amendment shall be deemed to be a material modification hereof.

The total Debt that the Districts shall be permitted to issue shall not exceed \$30,000,000 in aggregate principal amount, which limit is a combined, total aggregate amount for all Districts. Debt is permitted to be issued on a schedule and in such year or years as the issuing District determines shall meet the needs of the Capital Plan referenced above and the progression of the development, subject to compliance with this Service Plan. The initial approximately \$25,280,000 that the Districts shall be permitted to issue is supported by the Financial Plan prepared by D.A. Davidson attached hereto as **Exhibit F.** D.A. Davison shall attach a certification to the Financial Plan, certifying that based upon the assumptions contained therein and its professional opinion, the Districts are expected to retire all Debt referenced in the Financial Plan within the restrictions set forth in the Service Plan, including but not limited to the Residential Maximum Debt Mill Levy, the Commercial Maximum Debt Mill Levy, and the Maximum Debt Mill Levy Imposition Term, as applicable.

B. Maximum Voted Interest Rate and Maximum Underwriting Discount.

The interest rate on any Debt is limited to the market rate at the time the Debt is issued. In the event of a default, the proposed maximum interest rate on any Debt is not expected to exceed twelve percent (12%). The proposed maximum underwriting discount will be four percent (4%). Debt, when issued, will comply with all relevant requirements of this Service Plan, State law and Federal law as then applicable to the issuance of public securities.

C. Commercial Maximum Debt Mill Levy.

The "Commercial Maximum Debt Mill Levy" shall be the maximum mill levy the Commercial District is permitted to impose upon the taxable property within the Commercial District for payment of Debt, and shall be determined as follows:

1. For the portion of any aggregate Debt which exceeds fifty percent (50%) of the Commercial District's assessed valuation, the Commercial Maximum Debt Mill Levy for such portion of Debt shall be fifty (50) mills less the number of mills necessary to pay unlimited mill levy Debt described in Section VI.C.2 below; provided that if, on or after January 1, 2000, there are or were changes in the ratio of actual valuation to assessed valuation, pursuant to Article X, Section 3(1)(b) of the Colorado Constitution and legislation implementing such Section, then the mill levy limitation applicable to such Debt may be increased or decreased to

reflect such change, such mill levy increases or decreases to be determined by the Board in good faith (such determination to be binding and final) so that to the extent possible, the actual tax revenues generated by the mill levy, as adjusted for changes occurring after January 1, 2000, are neither diminished nor enhanced as a result of such changes (a "Gallagher Adjustment"). Except for such a permitted Gallagher Adjustment, the Commercial District's mill levy for payment of Debt shall not exceed the Commercial Maximum Debt Mill Levy. If the Commercial District otherwise proposes to adjust such mill levy above the Maximum Debt Mill Levy for the purpose of offsetting any constitutionally or legislatively mandated credit, cut, abatement or change in the method of calculating assessed valuation, the Commercial District shall first submit all relevant details of such proposed adjustment to the Town Administrator, who may approve such proposed adjustment in writing or refer the proposal to the Town Council, which may elect to treat the proposed mill levy adjustment as a material modification of the Service Plan. If the Town Council determines that such adjustment constitutes a material modification of the Service Plan, the Commercial District shall proceed to amend the Service Plan in accordance with Section 32-1-207, C.R.S. The Commercial District shall obtain written approval of the Town Administrator or of a Service Plan amendment prior to any such mill levy adjustment.

- 2. For the portion of any aggregate Debt which is equal to or less than fifty percent (50%) of the Commercial District's assessed valuation, either on the date of issuance or at any time thereafter, the mill levy to be imposed to repay such portion of Debt shall not be subject to the Commercial Maximum Debt Mill Levy and, as a result, the mill levy may be such amount as is necessary to pay the Debt service on such Debt, without limitation of rate.
- 3. For purposes of the foregoing, once Debt has been determined to be within Section VI.C.2 above, so that the Commercial District is entitled to pledge to its payment an unlimited ad valorem mill levy, the Commercial District may provide that such Debt shall remain secured by such unlimited mill levy, notwithstanding any subsequent change in the Commercial District's Debt to assessed ratio. All Debt issued by the Commercial District must be issued in compliance with the requirements of Section 32-1-1101, C.R.S., and all other requirements of State law.

D. Residential Maximum Debt Mill Levy.

The "Residential Maximum Debt Mill Levy" shall be the maximum mill levy the Residential District is permitted to impose upon the taxable property within such Residential District for payment of Debt, and shall be determined as follows:

1. For the portion of any aggregate Debt which exceeds fifty percent (50%) of the Residential District's assessed valuation, the Residential Maximum Debt Mill Levy for such portion of Debt shall be thirty-five (35) mills less the number of mills necessary to pay unlimited mill levy Debt described in Section VI.D.2 below; provided that if, on or after January 1, 2000, there are or were changes in the ratio of actual valuation to assessed valuation, pursuant to Article X, Section 3(1)(b) of the Colorado Constitution and legislation implementing such Section, then the mill levy limitation applicable to such Debt may be increased or decreased to offset such change, such mill levy increases or decreases to be determined by the Board in good faith (such determination to be binding and final) so that to the extent possible, the actual tax revenues generated by the mill levy are neither diminished nor enhanced as a result of such

changes (a "Gallagher Adjustment"). As of the date of this Service Plan, the Gallagher Adjustment allows for a Residential Maximum Debt Mill Levy of 42.827 mills. Except for such a permitted Gallagher Adjustment, the Residential District's mill levy for the payment of Debt shall not exceed the Residential Maximum Debt Mill Levy. If the Residential District otherwise proposes to adjust such mill levy above the Residential Maximum Debt Mill Levy for the purpose of offsetting any constitutionally or legislatively mandated credit, cut, abatement or change in the method of calculating assessed valuation, the Residential District shall first submit all relevant details of such proposed adjustment to the Town Administrator, who may approve such proposed adjustment in writing or refer the proposal to the Town Council, which may elect to treat the proposed mill levy adjustment as a material modification of the Service Plan. If the Town Council determines that such adjustment constitutes a material modification of the Service Plan, the Residential District shall proceed to amend the Service Plan in accordance with Section 32-1-207, C.R.S. The Residential District shall obtain written approval of the Town Administrator or of a Service Plan amendment prior to any such mill levy adjustment.

- 2. For the portion of any aggregate Debt which is equal to or less than fifty percent (50%) of the Residential District's assessed valuation, either on the date of issuance or at any time thereafter, the mill levy to be imposed to repay such portion of Debt shall not be subject to the Residential Maximum Debt Mill Levy and, as a result, the mill levy may be such amount as is necessary to pay the Debt service on such Debt, without limitation of rate.
- 3. For purposes of the foregoing, once Debt has been determined to be within Section VI.D.2 above, so that the Residential District is entitled to pledge to its payment an unlimited ad valorem mill levy, such Residential District may provide that such Debt shall remain secured by such unlimited mill levy, notwithstanding any subsequent change in such Residential District's Debt to assessed ratio. All Debt issued by the Residential District must be issued in compliance with the requirements of Section 32-1-1101, C.R.S., and all other requirements of State law.

To the extent that the Residential District is composed of or subsequently organized into one or more subdistricts as permitted under Section 32-1-1101, C.R.S., the term "Residential District" as used in this Section shall be deemed to refer to the Residential District and to each such subdistrict separately, so that each of the subdistricts shall be treated as a separate, independent district for purposes of the application of this definition.

E. <u>Maximum Debt Mill Levy Imposition Term.</u>

The Residential District shall not impose a levy for repayment of any and all Debt (or use the proceeds of any mill levy for repayment of Debt) on any single property developed for residential uses which exceeds forty (40) years after the year of the initial imposition of such mill levy unless a majority of the Board of Directors of the Residential District imposing the mill levy are residents of such Residential District and have voted in favor of a refunding of a part or all of the Debt and such refunding will result in a net present value savings as set forth in Section 11-56-101, C.R.S. et seq.

F. Debt Repayment Sources.

Each of the Districts may impose a mill levy on taxable property within its boundaries as a primary source of revenue for repayment of debt service and for operations and maintenance. In no event shall the debt service mill levy in any District exceed the Commercial Maximum Debt Mill Levy or the Residential Maximum Debt Mill Levy, as applicable, or the Maximum Debt Mill Levy Imposition Term for the Residential District.

The Districts may also collect a Development Fee, provided that such Development Fee does not exceed the following limits:

- 1. For each single-family detached residential unit, the Development Fee shall not exceed Two Thousand Dollars (\$2,000).
- 2. For each single-family attached or multi-family residential unit, the Development Fee shall not exceed One Thousand Five Hundred Dollars (\$1,500).
- 3. For a structure other than a single-family or multi-family residential structure, the Development Fee shall not exceed Twenty-Five Cents (\$0.25) per square foot of the structure.

The Development Fee set forth in this Service Plan may increase by up to the Consumer Price Index for Denver-Boulder, all items, all urban consumers (or its successor index for any years for which Consumer Price Index is not available) each year thereafter (as an inflation adjustment) commencing on January 1, 2015. The Development Fee shall be collected prior to issuance of a certificate of occupancy. Unless specifically authorized in the Intergovernmental Agreement, the District shall not impose or assess any fees, rates, tolls, penalties, or charges other than the Development Fee, as limited above, without first obtaining Town approval of an amendment to this Service Plan, which amendment shall be deemed to be a material modification hereof.

G. Debt Instrument Disclosure Requirement.

In the text of each Bond and any other instrument representing and constituting Debt, the District shall set forth a statement in substantially the following form:

By acceptance of this instrument, the owner of this Bond agrees and consents to all of the limitations in respect of the payment of the principal of and interest on this Bond contained herein, in the resolution of the District authorizing the issuance of this Bond and in the Service Plan of the District.

A substantially similar statement describing the limitations in respect of the payment of the principal of and interest on Debt set forth in this Service Plan shall be included in any document used for the offering of the Debt for sale to persons, including, but not limited to, a developer of property within the boundaries of the Districts. If no offering documents are used, then the Districts shall deliver the statement to any prospective purchaser of such Debt. The

Town may by written notice to the Districts require modifications to the form of disclosures statement.

H. Security for Debt.

The Districts shall not pledge any revenue, property or other assets of the Town as security for any District indebtedness. Approval of this Service Plan shall not be construed as a guarantee by the Town of payment of any of the Districts' obligations; nor shall anything in the Service Plan be construed so as to create any responsibility or liability on the part of the Town in the event of default by the Districts in the payment of any such obligation.

I. TABOR Compliance.

The Districts will comply with the provisions of TABOR. In the discretion of the Boards, the Districts may set up enterprises or nonprofit entities to manage, fund, construct and operate facilities, services and programs. To the extent allowed by law, any entity created by the Districts will remain under the control of that District's Board. The activities of such enterprises and entities shall comply with the provisions of this Service Plan.

J. <u>Districts' Administrative and Operating Costs.</u>

The estimated cost of engineering services, legal services and administrative services, together with the estimated costs of the Districts' organization and initial operations, are anticipated to be \$100,000, which will be eligible for reimbursement from Debt proceeds.

In addition to the capital costs of the Public Improvements, the Districts will require operating funds for administration and to plan and cause the Public Improvements to be constructed and maintained, if such maintenance is addressed in the Intergovernmental Agreement. The first year's operating budget is estimated to be \$65,000, which is anticipated to be derived from property taxes and other revenues.

The Commercial Maximum Debt Mill Levy and the Residential Maximum Debt Mill Levy, as applicable, shall not apply to the Districts' ability to increase their mill levy as necessary for provision of operation and maintenance services to their taxpayers and/or service users, as such operation and maintenance functions are specifically authorized to the Districts in the Intergovernmental Agreement. The authorized mill levy for operations and maintenance activities shall be subject to the limit set forth in the Intergovernmental Agreement.

Section 32-1-1101(1)(f), C.R.S., provided, however, that without the approval of the Town, any such subdistrict(s) or area(s) shall be subject all limitations on debt and other provisions of the Service Plan. In accordance with Section 32-1-1101(1)(f)(I), C.R.S., the District shall notify the Town prior to establishing any such subdistrict(s) or area(s), and shall provide the Town with details regarding the purpose, location, and relationship of the subdistrict(s) or area(s). The Town Council may elect to treat the organization of any such subdistrict(s) or area(s) as a material modification of the Service Plan.

VII. ANNUAL REPORT

A. <u>General.</u> In accordance with Town Code section 10.11.040, each of the Districts shall file an annual report with the Town Clerk not later than September 1 of each calendar year starting the year following formation, which annual report shall reflect activity and financial events of the Districts through the preceding December 31 (the "report year"). The Town Council reserves the right, pursuant to Section 32-1-207(3)(c), C.R.S., to request annual reports from the Districts beyond five (5) years after their organization.

B. Reporting of Significant Events.

The annual report shall include the following:

- 1. A narrative summary of the progress of the District in implementing its Service Plan for the report year;
- 2. Except when exemption from audit has been granted for the report year under the Local Government Audit Law, the audited financial statements of the District for the report year including a statement of financial condition (i.e., balance sheet) as of December 31 of the report year and the statement of operations (i.e., revenues and expenditures) for the report year;
- 3. Unless disclosed within a separate schedule to the financial statements, a summary of the capital expenditures incurred by the District in development of Public Improvements in the report year, as well as any Public Improvements proposed to be undertaken in the five (5) years following the report year;
- 4. Unless disclosed within a separate schedule to the financial statements, a summary of the financial obligations of the District at the end of the report year, including the amount of outstanding Debt, the amount and terms of any new Debt issued in the report year, the amount of payment or retirement of existing Debt of the District in the report year, the total assessed valuation of all taxable properties within the District as of January 1 of the report year and the current mill levy of the District pledged to Debt retirement in the report year;
- 5. The District's budget for the calendar year in which the annual report is submitted;
- 6. A summary of the residential and commercial development in the District for the report year;
- 7. A summary of all fees, charges and assessments imposed by the District as of January 1 of the report year;
- 8. Certification of the Board that no action, event or condition enumerated in Town Code section 10.11.060 has occurred in the report year, or certification that such event has occurred but that an amendment to the Service Plan that allows such event has been approved by Town Council;

- 9. The name, business address and telephone number of each member of the Board and its chief administrative officer and general counsel, together with the date, place and time of the regular meetings of the Board;
- 10. Certification from the External Financial Advisor that the District is in compliance with all provisions of the Service Plan; and
- 11. A copy of the most recent notice issued by the District, pursuant to Section 32-1-809, C.R.S.

VIII. DISSOLUTION

Upon an independent determination of the Town Council that the purposes for which the Districts were created have been accomplished, the Districts agree to file petitions in the District Court for and in Douglas County, Colorado, for dissolution, pursuant to the applicable State statutes. In no event shall dissolution occur until the Districts have provided for the payment or discharge of all of their outstanding indebtedness and other financial obligations as required pursuant to State statutes.

IX. DISCLOSURE TO PURCHASERS OF RESIDENTIAL PROPERTY

The Town wants residential buyers to be aware of the additional tax burden to be imposed. The Town mandates early written and recorded notice of the total (overlapping) tax burden, including the Residential Maximum Debt Mill Levy, the Commercial Maximum Debt Mill Levy, and the Maximum Debt Mill Levy Imposition Term, as applicable. The Town will review the type and timing of the disclosure, which the proponents of the Districts are proposing. The notice shall be recorded against all property within the Districts prior to the Districts' certification of the formation of the District to the Colorado Division of Local Government as required by Section 32-1-306, C.R.S.

There is attached hereto as **Exhibit G** the Project Developer's Indemnification Letter, which is submitted to the Town by the Developer as part of this Service Plan. There is also attached hereto as **Exhibit G** the form of a Districts Indemnification Letter. Each District shall approve and execute the Indemnification Letter at its first Board meeting after its organizational election, in the same form as the Indemnification Letter set forth in **Exhibit G** and shall promptly deliver an executed original to the Town.

X. INTERGOVERNMENTAL AGREEMENT

The form of the intergovernmental agreement required by Town Code section 10.11.140(a), relating to the limitations imposed on the Districts' activities, is attached hereto as **Exhibit H**. The Districts shall approve and execute the Intergovernmental Agreement at their first Board meeting following their organizational election, in the same form as the Intergovernmental Agreement approved by the Town Council, and shall promptly deliver an executed original to the Town. Failure of the Districts to execute the Intergovernmental Agreement as required herein shall constitute a material modification and shall require a Service Plan Amendment. The Town Council shall approve the Intergovernmental Agreement at the public hearing approving the Service Plan.

As discussed above, District No. 1 and District No. 2 will also enter into intergovernmental agreements regarding the functions and services to be provided by each District, and the mechanisms to be used by the Districts for the sharing of costs of Public Improvements. Such intergovernmental agreements and all amendments thereto, as well as all other intergovernmental agreements and amendments thereto proposed between the Districts regarding the subject matter of this Service Plan, shall be subject to review and approval by the Town prior to their execution by the Districts. Such Town review and approval shall be with reference to whether the intergovernmental agreement(s) are in compliance with this Service Plan, the Town-District IGA, and the terms of any Approved Development Plan or other instrument related to the Public Improvements. The Districts shall cause the Districts' initial intergovernmental agreement, in a form approved by the Town, to be fully executed by all Districts and shall deliver a fully executed and complete copy of such intergovernmental agreement to the Town. No District shall incur any financial obligations of any kind until the Districts' initial intergovernmental agreement has been fully executed and delivered to the Town. The Districts shall also deliver promptly upon the Districts' execution fully executed and complete copies of all amendments to such intergovernmental agreement, and of all other intergovernmental agreements and amendments thereto between the Districts regarding the subject matter of this Service Plan.

The Districts may also enter into an intergovernmental agreement with Cottonwood Metropolitan District ("CMD") relative to operation and maintenance of certain improvements within or in the vicinity of the Project including landscape along rights-of-way and medians, parks, as well as augmentation thereof by means of additional maintenance and funding. Exhibit I attached hereto contains a matrix showing the anticipated improvement operation/maintenance undertakings by the Districts and CMD. Any intergovernmental agreement among either District or both Districts and CMD shall be consistent with the Approved Development Plans for the Project.

Except for the Intergovernmental Agreement with the Town, any intergovernmental agreement with CMD and any other intergovernmental agreement proposed regarding the subject matter of this Service Plan shall be subject to Town review and approval prior to its execution by a District. Such Town review and approval shall be with reference to whether the intergovernmental agreement(s) are in compliance with this Service Plan, the Town-District IGA, and the terms of any Approved Development Plan or other instrument related to the Public Improvements.

XI. NON-COMPLIANCE WITH SERVICE PLAN

In the event it is determined that any District has undertaken any act or omission which violates the Service Plan or constitutes a material departure from the Service Plan, the Town may impose any of the sanctions set forth in Section 10.11.220 of the Town Code, including but not to affirmative injunctive relief to require the Districts to act in accordance with the provisions of this Service Plan. To the extent permitted by law, the Districts hereby waive the provisions of Section 32-1-207(3)(b), C.R.S. and agrees it will not rely on such provisions as a bar to the enforcement by the Town of any provisions of this Service Plan.

XII. CONCLUSION

It is submitted that this Service Plan for the Districts, as required by Section 32-1-203(2), C.R.S., and Section 10.11.180 of the Town Code, establishes that:

- 1. There is sufficient existing and projected need for organized service in the area to be serviced by the Districts;
- 2. The existing service in the area to be served by the Districts is inadequate for present and projected needs;
- 3. The Districts are capable of providing economical and sufficient service to the area within their proposed boundaries; and
- 4. The area to be included in the Districts does have, and will have, the financial ability to discharge the proposed indebtedness on a reasonable basis.
- 5. Adequate service is not, and will not be, available to the area through the Town or County or other existing municipal or quasi-municipal corporations, including existing special districts, within a reasonable time and on a comparable basis.
- 6. The facility and service standards of the Districts are compatible with the facility and service standards of the Town.
 - 7. The proposal is in substantial compliance the Town's Master Plan.
- 8. The proposal is in compliance with any duly adopted Town, regional or state long-range water quality management plan for the area.
- 9. The creation of the Districts is in the best interests of the area proposed to be served.
- 10. The creation of the Districts is in the best interests of the residents and future residents of the area proposed to be served.
- 11. The proposal is in substantial compliance with Chapter 10.11 of the Town Code.
- 12. The proposal will not foster urban development that is remote or incapable of being integrated with existing urban areas, and will not place a burden on the Town or adjacent jurisdictions to provide urban services to residents of the Districts.

Legal Descriptions

(Residential = Cottonwood Highlands Metro District No. 1)

(Commercial = Cottonwood Highlands Metro District No. 2)

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. SHEET 1 OF 6

RESIDENTIAL DISTRICT

A PARCEL OF LAND LOCATED IN THE SOUTHWEST QUARTER AND THE EAST HALF OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 5, ALSO BEING A POINT ON THE SOUTHERLY LINE OF COMPARK FILING NO. 1 RECORDED AT RECEPTION NO. 99080637 OF THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER, AND CONSIDERING THE NORTH LINE OF SAID SOUTHWEST QUARTER OF SECTION 5 TO BEAR NORTH 89'25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE NORTH 00'25'42" WEST, A DISTANCE OF 78.51 FEET ALONG THE WEST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 5 AND THE BOUNDARY OF SAID COMPARK FILING NO. 1 TO A POINT ON THE WEST LINE OF COTTONWOOD SUBDIMISION FILING NO. 6A RECORDED AT RECEPTION NO. 332689 OF THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER;

THENCE SOUTH 22'53'33" EAST, ALONG THE SOUTHERLY LINE OF SAID COTTONWOOD SUBDIVISION FILING NO. 6A, A DISTANCE OF 164.52 FEET:

THENCE SOUTH 69°28'24" EAST, A DISTANCE OF 394.08 FEET ALONG THE SOUTHERLY LINE OF SAID COTTONWOOD SUBDIVISION FILING NO. 6A TO THE SOUTHWESTERLY CORNER OF TRACT A IN COTTONWOOD SUBDIVISION FILING NO. 11 AMENDMENT NO. 1, RECORDED AT RECEPTION NO. 9608890 OF THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER;

THENCE ALONNG SAID TRACT A FOR THE FOLLOWING TWENTY (20) COURSES:

- THENCE NORTH 83'01'54" EAST, A DISTANCE OF 66.42 FEET; 1)
- 2)
- THENCE NORTH 80"1'15" EAST, A DISTANCE OF 64.34 FEET; THENCE NORTH 76"07"33" EAST, A DISTANCE OF 63.78 FEET; THENCE NORTH 67"54"51" EAST, A DISTANCE OF 63.80 FEET; 3)
- THENCE NORTH 64"17"18" EAST, A DISTANCE OF 61.85 FEET;
- THENCE NORTH 58'32'07" EAST, A DISTANCE OF 179.26 FEET;
- THENCE NORTH 46'36'52" EAST, A DISTANCE OF 71.13 FEET;
- THENCE NORTH 19'29'19" EAST, A DISTANCE OF 71.50 FEET;
- 9)
- THENCE NORTH 14'14'36" EAST, A DISTANCE OF 115.34 FEET; THENCE NORTH 24'51'10" EAST, A DISTANCE OF 858.09 FEET; THENCE SOUTH 31'28'01" EAST, A DISTANCE OF 401.20 FEET; 10)
- 11)
- THENCE SOUTH 58'32'16" WEST, A DISTANCE OF 224.18 FEET; 12) THENCE SOUTH 41'02'44" WEST, A DISTANCE OF 346.91 FEET;
- 13)
- THENCE SOUTH 24'51'21" WEST, A DISTANCE OF 120.49 FEET;
- THENCE SOUTH 14'14'36" WEST, A DISTANCE OF 95.12 FEET; THENCE SOUTH 19'29'19" WEST, A DISTANCE OF 103.08 FEET; 15) 16)
- THENCE SOUTH 46'36'52" WEST, A DISTANCE OF 109.15 FEET; 17)
- THENCE SOUTH 58'32'07" WEST, A DISTANCE OF 196.27 FEET; 18)
- THENCE SOUTH 64'17'18" WEST, A DISTANCE OF 71.18 FEET; 19)
- THENCE SOUTH 20'31'36" WEST, A DISTANCE OF 63.56 FEET TO THE SOUTHERLY LINE OF SAID COTTONWOOD SUBDIVISION FILING NO. 11 AMENDMENT NO. 1;



, Wey, Suits, 190-A, Consentol, CD 80118 | ph:303,709,0500 | fc:303,709,0400 • Surveyore • Weter Resource Engineers • Weter & Wastewsta Zene sauer lugen ver saue seut und demonie de la composition del composition del composition de la com

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. SHEET 2 OF 6

RESIDENTIAL DISTRICT (CONTINUED...)

THENCE ALONG SAID SOUTHERLY LINE OF COTTONWOOD SUBDIVISION FILING NO. 11 AMENDMENT NO. 1 FOR THE FOLLOWING THREE (3) COURSES:

- 1) THENCE SOUTH 69'28'24" EAST, A DISTANCE OF 961.91 FEET;
- 2) THENCE SOUTH 09'39'39" EAST, A DISTANCE OF 80.00 FEET;
- 3) THENCE NORTH 80'20'21" EAST, A DISTANCE OF 459.91 FEET TO THE WEST LINE OF JORDAN ROAD;

THENCE ALONG SAID WEST LINE OF JORDAN ROAD FOR THE FOLLOWING THREE (3) COURSES:

- 1) THENCE SOUTH 09'39'39" EAST, A DISTANCE OF 125.24 FEET TO A POINT OF CURVATURE;
- 2) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 7'34'07", A RADIUS OF 3083.91 FEET AND AN ARC LENGTH OF 407.38 FEET, THE CHORD OF WHICH BEARS SOUTH 13'26'42" EAST, A DISTANCE OF 407.08 FEET TO A POINT OF TANGENCY;
- 3) THENCE SOUTH 17"13"46" EAST, A DISTANCE OF 440.06 FEET TO THE INTERSECTION WITH THE CENTER LINE OF COTTONWOOD DRIVE;

THENCE ALONG SAID CENTER LINE OF COTTONWOOD DRIVE FOR THE FOLLOWING SEVEN (7) COURSES:

- 1) THENCE SOUTH 75'07'26" WEST, A DISTANCE OF 394.01 FEET TO A POINT OF CURVATURE;
- 2) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 15'58'42", A RADIUS OF 1000.00 FEET AND AN ARC LENGTH OF 278.88 FEET, THE CHORD OF WHICH BEARS SOUTH 83'06'47" WEST, A DISTANCE OF 277.97 FEET TO A POINT OF TANGENCY;
- 3) THENCE NORTH 88'53'51" WEST, A DISTANCE OF 1015.20 FEET TO A POINT OF CURVATURE;
 4) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 42'05'06",
 A RADIUS OF 1175.00 FEET AND AN ARC LENGTH OF 863.06 FEET, THE CHORD OF WHICH BEARS NORTH 67'51'18" WEST, A DISTANCE OF 843.79 FEET TO A POINT OF TANGENCY;
- 5) THENCE NORTH 46'48'45" WEST, A DISTANCE OF 200.34 FEET TO A POINT OF CURVATURE;
- 6) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 31'35'15", A RADIUS OF 1200.00 FEET AND AN ARC LENGTH OF 661.57 FEET, THE CHORD OF WHICH BEARS NORTH 62'36'22" WEST, A DISTANCE OF 653.22 FEET TO A POINT OF TANGENCY:
- 7) THENCE NORTH 78°24'00" WEST, A DISTANCE OF 275.36 FEET TO THE INTERSECTION WITH THE EAST LINE OF CHAMBERS ROAD;

THENCE ALONG SAID EAST LINE OF CHAMBERS ROAD FOR THE FOLLOWING TWO (2) COURSES:

- 1) THENCE NORTH 11'36'50" EAST, A DISTANCE OF 134.36 FEET TO A POINT OF CURVATURE;
- 2) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 26'03'26", A RADIUS OF 1670.00 FEET AND AN ARC LENGTH OF 759.49 FEET, THE CHORD OF WHICH BEARS NORTH 01"24'53" WEST, A DISTANCE OF 752.96 FEET TO THE NORTH LINE OF SAID SOUTHWEST QUARTER OF SECTION 5;

THENCE NORTH 89'25'04" EAST, A DISTANCE OF 1122.19 FEET ALONG LAST SAID NORTH LINE AND THE SOUTH LINE OF SAID COMPARK FILING NO. 1 TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING A CALCULATED AREA OF 4,179,053 SQUARE FEET, OR 95.938 ACRES, MORE OR LESS.



7442 South Tussen Wey, Subs 1804, Communict. CO 80119 pt 2003 702.05000 to 303 702.04000 members.com Civil Engineers • Surveyors • Wester Resource Engineers • Water & Westeweter Engineers Construction Managers • Environmental Scientists • Landscape Architects • Pienners

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. SHEET 3 OF 6

DIRECTOR PARCEL (A PART OF THE PREVIOUS DESCRIPTION)

A PARCEL OF LAND LOCATED IN THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SOUTHEAST QUARTER OF SECTION 5, AND CONSIDERING THE NORTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 5 TO BEAR NORTH 89"25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH 11'48'48" EAST, A DISTANCE OF 1041.35 FEET TO THE POINT OF BEGINNING;

THENCE NORTH 5844'59" EAST, A DISTANCE OF 87.21 FEET;

THENCE SOUTH 18'22'50" WEST, A DISTANCE OF 113.63 FEET;

THENCE NORTH 31"45"01" WEST, A DISTANCE OF 72.84 FEET TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING A CALCULATED AREA OF 3,176 SQUARE FEET, OR 0.073 ACRES, MORE OR LESS.

I, JAMES M. ROAKE, A SURVEYOR LICENSED IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE ABOVE LEGAL DESCRIPTION AND ATTACHED EXHIBIT WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CHECKING.

JAMES M. ROAKE, P.L.S. 37898 FOR AND ON BEHALF OF MANHARD CONSULTING



7442 Bouth Tuccon Way, Suta 190 A. Ceramit, CO 80112, ph.003,708,0500 fr.003,708,0400 mechanicom Chill Engineere - Surveyore - Water Resource Engineere - Water & Westerwater Engineere Construction Monagere - Environmental Scientifits - Landdonpo Architects - Plannera Long Nome: P: Coprec \u20e4\u00fcurv\\u00e4xnibits Surv\\u00e4APKC3-District - Rt.dwg Updoted By: BPlot

FXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. SHEET 1 OF 8

COMMERCIAL PARCEL 1

A PARCEL OF LAND LOCATED IN THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 5, AND CONSIDERING THE NORTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 5 TO BEAR NORTH 89°25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH 41'51'42" EAST, A DISTANCE OF 2315.15 FEET TO THE CENTER LINE OF COTTONWOOD DRIVE AND THE POINT OF BEGINNING:

THENCE ALONG SAID CENTER LINE OF COTTONWOOD DRIVE FOR THE FOLLOWING THREE (3) COURSES:

1) THENCE SOUTH 88 53'51" EAST, A DISTANCE OF 117.13 FEET TO A POINT OF CURVATURE;

- 2) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 15'58'42", A RADIUS OF 1000.00 FEET AND AN ARC LENGTH OF 278.88 FEET, THE CHORD OF WHICH BEARS NORTH 83'06'47" EAST, A DISTANCE OF 277.97 FEET TO A POINT OF TANGENCY;
- 3) THENCE NORTH 75'07'26" EAST, A DISTANCE OF 394.01 FEET TO THE WEST LINE OF JORDAN ROAD:

THENCE ALONG SAID WEST LINE OF JORDAN ROAD FOR THE FOLLOWING TWO (2) COURSES:

1) THENCE SOUTH 17"3'46" EAST, A DISTANCE OF 938.75 FEET TO A POINT OF CURVATURE;
2) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 2"23'12", A RADIUS OF 1029.67 FEET AND AN ARC LENGTH OF 42.89 FEET, THE CHORD OF WHICH BEARS SOUTH 16'02'10" EAST, A DISTANCE OF 42.89 FEET TO THE NORTH LINE OF PARKERHOUSE ROAD;

THENCE SOUTH 89'07'56" WEST, A DISTANCE OF 974.96 FEET ALONG SAID NORTH LINE OF PARKERHOUSE ROAD:

THENCE NORTH 0611'13" WEST, A DISTANCE OF 829.18 FEET TO THE POINT OF BEGINNING:

SAID PARCEL CONTAINING A CALCULATED AREA OF 764,979 SQUARE FEET, OR 17.561 ACRES, MORE OR LESS.

COMMERCIAL PARCEL 2

A PARCEL OF LAND LOCATED IN THE SOUTHEAST QUARTER OF SECTION 5 AND THE SOUTHWEST QUARTER OF SECTION 4, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS. STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 5, AND CONSIDERING THE NORTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 5 TO BEAR NORTH 89'25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH 51°51'23" EAST, A DISTANCE OF 3,225.72 FEET TO THE EAST LINE OF JORDAN ROAD AND THE POINT OF BEGINNING;

THENCE NORTH 89'00'00" EAST. A DISTANCE OF 589.46 FEET;

THENCE SOUTH 27'31'49" EAST, A DISTANCE OF 660.37 FEET TO THE NORTH LINE OF PARKERHOUSE ROAD;



7442 Sauti Tucen Wey, Subs 180A. Certennel, CO 80112 ph:303,708,0600 https://doi.org/10.0400 menherdzen Divil Engineere • Surveyore • Weter Resource Engineere • Weter & Westewater Engineero Construction Managara • Environmental Scientista • Landacapa Architecta • Piannera

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. SHEET 2 OF 8

COMMERCIAL PARCEL 2 (CONTINUED...)

THENCE ALONG SAID NORTH LINE OF PARKERHOUSE ROAD FOR THE FOLLOWING FOUR (4) COURSES:

1) THENCE ALONG THE ARC OF A NON-TANGENT CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 2"26"57", A RADIUS OF 1,155.00 FEET, AN ARC LENGTH OF 49.37 FEET, THE CHORD OF WHICH BEARS NORTH 8718'30" WEST, A DISTANCE OF 49.37 FEET TO A POINT OF TANGENCY;

2) THENCE NORTH 86 05 02" WEST, A DISTANCE OF 461.54 FEET TO A POINT OF CURVATURE;

3) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 5'03'19", A RADIUS OF 1,245.00 FEET, AN ARC LENGTH OF 109.85 FEET, THE CHORD OF WHICH BEARS NORTH 88'36'41" WEST, A DISTANCE OF 109.81 FEET TO A POINT OF TANGENCY;

4) THENCE SOUTH 88'51'39" WEST, A DISTANCE OF 109.86 FEET TO SAID EAST LINE OF JORDAN ROAD;

THENCE ALONG SAID EAST LINE OF JORDAN ROAD FOR THE FOLLOWING TWO (2) COURSES:

- 1) THENCE ALONG THE ARC OF A NON-TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 3'47'32". A RADIUS OF 1,119.67 FEET, AN ARC LENGTH OF 74.11 FEET, THE CHORD OF WHICH BEARS NORTH 15'20'00" WEST, A DISTANCE OF 74.09 FEET TO A POINT OF TANGENCY; 2) THENCE NORTH 17"13'46" WEST, A DISTANCE OF 491.60 FEET TO THE POINT OF BEGINNING;

CONTAINING A CALCULATED AREA OF 364,269 SQUARE FEET, OR 8.362 ACRES, MORE OR LESS.

COMMERCIAL PARCEL 3

A PARCEL OF LAND LOCATED IN THE SOUTHWEST QUARTER OF SECTION 4 AND THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, AND CONSIDERING THE NORTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 5 TO BEAR NORTH 89'25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO:

THENCE SOUTH 46'02'14" EAST, A DISTANCE OF 3,778.47 FEET TO THE INTERSECTION OF THE EAST LINE OF JORDAN ROAD WITH THE SOUTH LINE OF PARKERHOUSE ROAD, SAID INTERSECTION BEING THE POINT OF **BEGINNING:**

THENCE ALONG SAID SOUTH LINE OF PARKERHOUSE ROAD FOR THE FOLLOWING FOUR (4) COURSES:

1) THENCE NORTH 88°51'39" EAST, A DISTANCE OF 94.06 FEET TO A POINT OF CURVATURE;
2) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 5°03'19", A RADIUS OF 1,155.00 FEET, AN ARC LENGTH OF 101.91 FEET, THE CHORD OF WHICH BEARS SOUTH 88'36'41" EAST, A DISTANCE OF 101.87 FEET TO A POINT OF TANGENCY;

3) THENCE SOUTH 86'05'02" EAST, A DISTANCE OF 461.54 FEET TO A POINT OF CURVATURE; 4) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 4'43'14", A RADIUS OF 1,245.00 FEET, AN ARC LENGTH OF 102.57 FEET, THE CHORD OF WHICH BEARS SOUTH 88°26'38" EAST, A DISTANCE OF 102.54 FEET TO A NON-TANGENT LINE;

THENCE SOUTH 27'31'49" EAST, A DISTANCE OF 903.24 FEET TO THE NORTH LINE OF HIGHWAY E-470;



7442 Bouh Turen Wey, Suiz 180A, Certannial, CO 80112 ph:303,708,0500 re303,708,0400 menherisom Civil Engineers • Surveyors • Water Resource Engineers • Weter S. Wastawater Engineers Construction Managers • Environmental Scientists • Londscops Architects • Planners

FXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. SHEET 3 OF 8

COMMERCIAL PARCEL 3 (CONTINUED...)

THENCE ALONG SAID NORTH LINE OF HIGHWAY E-470 FOR THE FOLLOWING TWO (2) COURSES:

1) THENCE NORTH 78"07"07" WEST, A DISTANCE OF 1,085.12 FEET;
2) THENCE NORTH 39"15"59" WEST, A DISTANCE OF 155.91 FEET TO SAID EAST LINE OF JORDAN ROAD;

THENCE ALONG SAID EAST LINE OF JORDAN ROAD FOR THE FOLLOWING TWO (2) COURSES:

1) THENCE NORTH 00'28'47" WEST, A DISTANCE OF 330.62 FEET TO A POINT OF CURVATURE;

2) THENCE ALONG THE ARC OF A TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 8'16'48". A RADIUS OF 1,119.69 FEET, AN ARC LENGTH OF 161.81 FEET, THE CHORD OF WHICH BEARS NORTH 04'37'12" WEST, A DISTANCE OF 161.67 FEET TO THE POINT OF BEGINNING;

CONTAINING A CALCULATED AREA OF 632,506 SQUARE FEET, OR 14.520 ACRES, MORE OR LESS.

COMMERCIAL PARCEL 4

A PARCEL OF LAND LOCATED IN THE SOUTHWEST QUARTER OF SECTION 5. TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SOUTHWEST QUARTER OF SECTION 5, AND CONSIDERING THE NORTH LINE OF SAID SOUTHWEST QUARTER TO BEAR NORTH 89'25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH 89°25'04" WEST, A DISTANCE OF 1266.79 FEET TO THE WEST LINE OF CHAMBERS ROAD AND THE POINT OF BEGINNING:

THENCE ALONG SAID WEST LINE OF CHAMBERS ROAD FOR THE FOLLOWING TWO (2) COURSES:

1) THENCE ALONG THE ARC OF A NON-TANGENT CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 27"21'28", A RADIUS OF 1529.84 FEET AND AN ARC LENGTH OF 730.46 FEET, THE CHORD OF WHICH BEARS SOUTH 02'03'48" EAST, A DISTANCE OF 723.54 FEET TO A POINT OF TANGENCY;

2) THENCE SOUTH 11'36'50" WEST, A DISTANCE OF 37.37 FEET;

THENCE SOUTH 89'25'07" WEST, A DISTANCE OF 421.22 FEET;

THENCE NORTH 09'07'51" EAST, A DISTANCE OF 457.77 FEET;

THENCE NORTH 43'40'52" EAST, A DISTANCE OF 73.14 FEET;

THENCE NORTH 09"1'18" EAST, A DISTANCE OF 91.02 FEET;

THENCE NORTH 28'57'27" EAST, A DISTANCE OF 191.42 FEET TO SAID NORTH LINE OF THE SOUTHWEST QUARTER OF SECTION 5;

THENCE NORTH 89'25'04" EAST, A DISTANCE OF 172.31 FEET ALONG SAID NORTH LINE OF THE SOUTHWEST QUARTER OF SECTION 5 TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING A CALCULATED AREA OF 273,386 SQUARE FEET, OR 6.276 ACRES, MORE OR LESS.



7442 South Tusson Way, Buts 180A, Contentiol, CO 80118 ph.303,708,0300 restos,708,0400 member(com CMI Engineers • Burvayare • Water Resource Engineers • Water & Wastewater Engineers Construction Managers • Environmental Scientists • Landscape Architects • Planners

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. _____ SHEET 4 OF 8

DIRECTOR PARCEL

A PARCEL OF LAND LOCATED IN THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 9, AND CONSIDERING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, TO BEAR SOUTH 89'07'56" WEST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH $56^{\circ}35'27''$ EAST, A DISTANCE OF 1498.58 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF HIGHWAY E-470 AND THE **POINT OF BEGINNING**;

THENCE NORTH 62"28"11" EAST, A DISTANCE OF 15.82 FEET;

THENCE SOUTH 27'31'49" EAST, A DISTANCE OF 13.00 FEET TO SAID NORTHERLY RIGHT-OF-WAY LINE;

THENCE NORTH 78'07'07" WEST, A DISTANCE OF 20.48 FEET ALONG SAID NORTHERLY RIGHT-OF-WAY LINE TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING A CALCULATED AREA OF 103 SQUARE FEET OR 0.002 ACRES, MORE OR LESS.

I, JAMES M. ROAKE, A SURVEYOR LICENSED IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE ABOVE LEGAL DESCRIPTION AND ATTACHED EXHIBIT WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CHECKING.

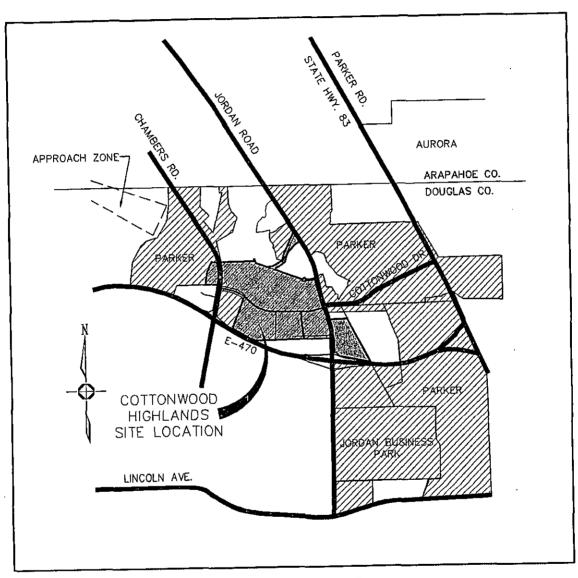
JAMES M. ROAKE, P.L.S. 37898 FOR AND ON BEHALF OF MANHARD CONSULTING LLC



7442 Buth Tuccon Wey, Subs 180A Certerrial CO 80112 ph;303,708,0500 fc803,708,0400 meriwrutcom Civil Englineers • Surveyors • Water Resource Engineers • Weter & Wastzwater Engineers Construction/Managaro • Environmental Scientista • Landacapa Architecta • Planners

EXHIBIT B

Parker Vicinity Map



VICINITY MAP

SCALE: 1"=3000'

EXHIBIT C-1

Initial District Boundary Map

(Residential = Cottonwood Highlands Metro District No. 1)

(Commercial = Cottonwood Highlands Metro District No. 2)

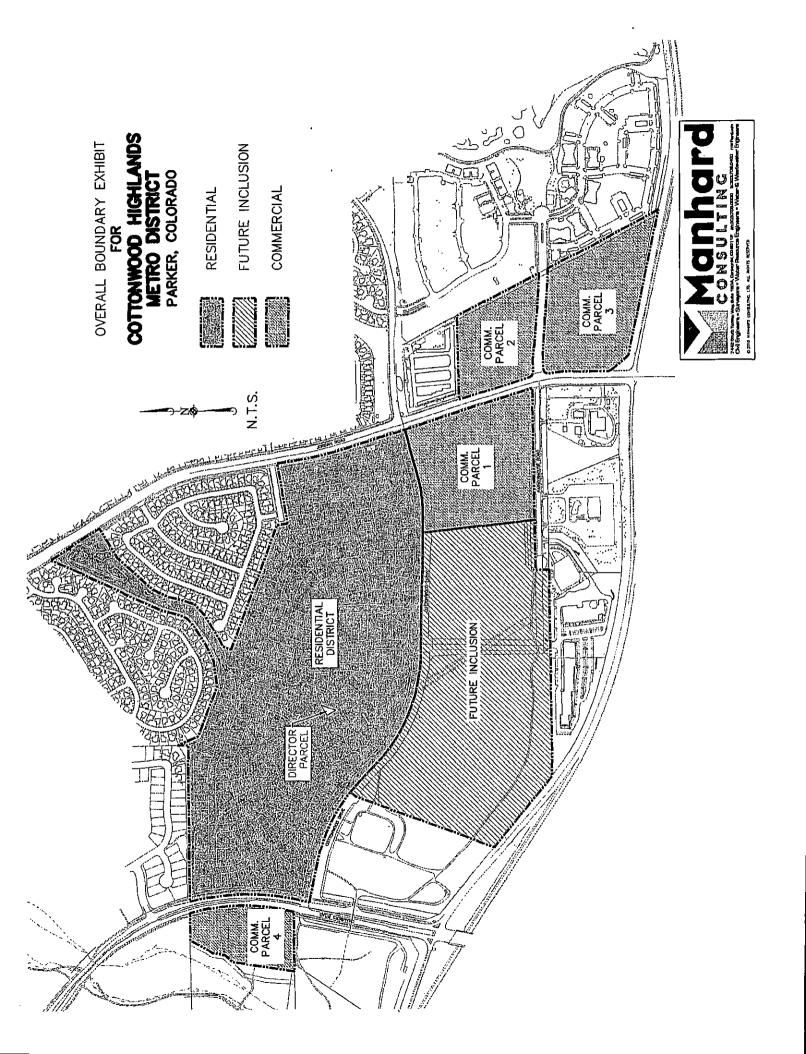
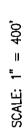
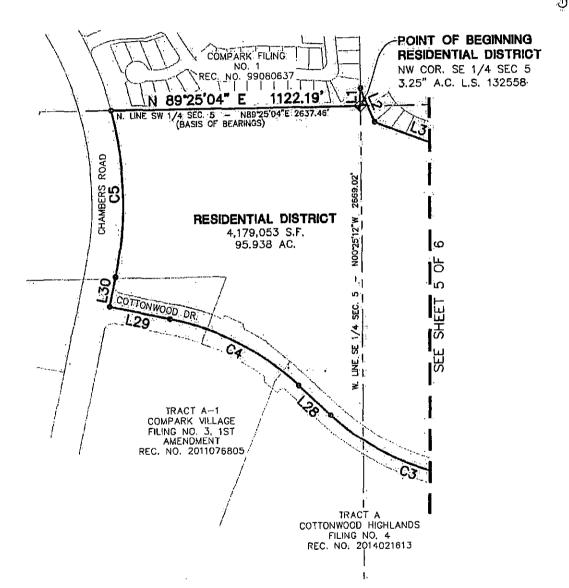


EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. _ SHEET 4 OF 6







• Denotes Change of Direction Only. This exhibit does not represent a monumented survey. It is intended only to depict the attached legal description.



CONSULTING

7448 Barch Tusson Way, Suita 1904, Centernial CO 80118 _h300708.0500 _h300708.0400 _menhard.com Chill Engineers • Surveyors • Water Resource Engineers • Weter & Waterwater Engineers Construction Managers • Environmental Scientists • Londacape Architects • Planners Dwg_Name: •P: \Copic3\swg\Surv\Exhibits \Surv\CAPKC3\-District Rt.awg _Updated By. BPloh

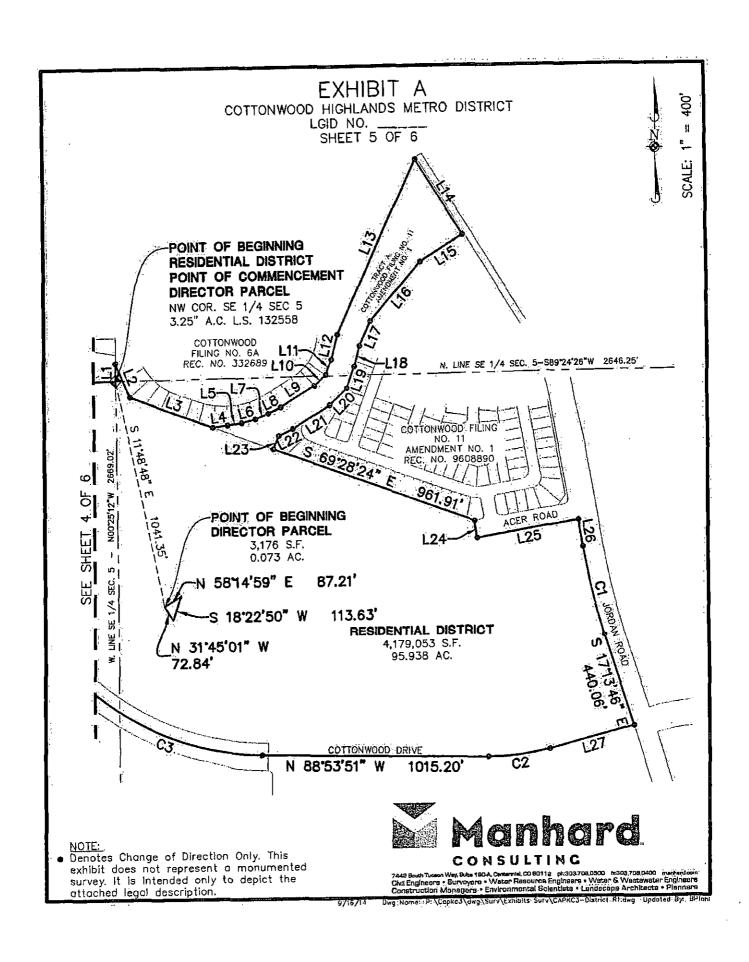


EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. _____ SHEET 6 OF 6

CURVE TABLE					
CURVE	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD
C1	7'34'07"	3083.91	407.38	S13*26'42"E	407.08
C2	15'58'42"	1000.00'	278.88'	S83'06'47"W	277.97
C3	42"05'06"	1175.00'	863.06'	N67"51"18"W	843.79
C4	31,35,15	1200.00	661.57	N62*36'22"W	653.22'
C5	26'03'26"	1670.00'	759.49'	N01°24'53"W	752.96'

LINE TABLE					
LINE	BEARING	LENGTH			
L1	N00°25'42"W	78.51			
L2	\$22'53'33"E	164.52'			
L3	S69'28'24"E	39 4.08'			
L4	N83'01'54"E	66.42'			
L5	NB0"11"15"E	64.34			
L6	N76'07'33"E	63.78			
L7	N67'54'51"E	63.80			
L8	N6447'18"E	61.85			
L9	N58'32'07"E	179.26*			
L10	N46'36'52"E	71.13'			
L11	N19'29'19"E	71.50'			
L12	N14"14'36"E	115.34'			
L13	N24'51'10"E	858.09 [©]			
L14	S31"28"01"E	401.20			
L15	S58'32'16"W	224.18			

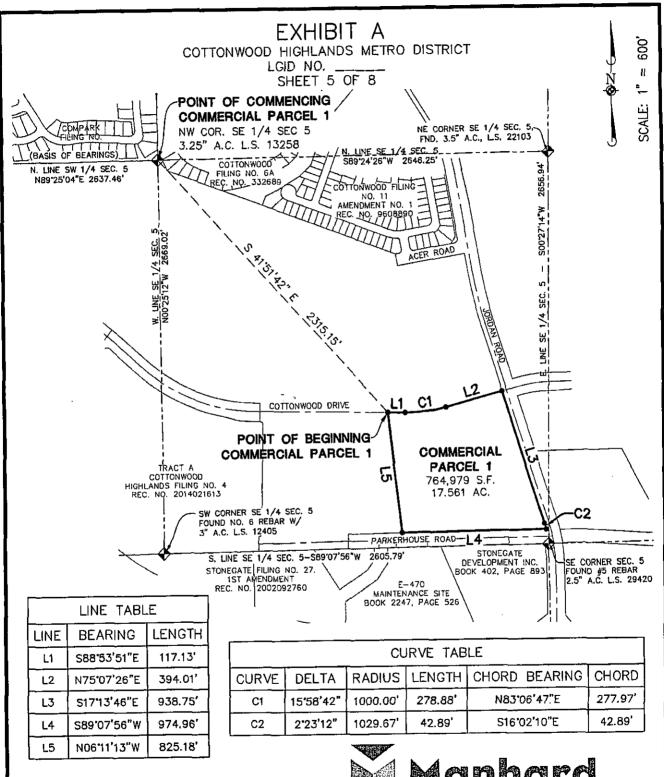
LINE TABLE				
LINE	BEARING	LENGTH		
L16	S41'02'44"W	346.91		
L17	S24'51'21"W	120.49		
L18	S14"14'36"W	95.12		
L19	S19'29'19"W	103.08		
L20	S46'36'52"W	109.15		
L21	S58'32'07"W	196.27		
L22	S64'17'18"W	71.18		
L23	S20'31'36"W	63.56		
1.24	S09'39'39"E	80.00'		
L25	N80'20'21"E	459.91		
L26	S09'39'39"E	125.24		
L27	S75*07'26"W	394.01		
L28	N46'48'45"W	200.34		
L29	N78'24'00"W	275.36'		
L30	N11'36'50"E	134.36'		



lanhard.

CONSULTING

7448 South Tucson Wey, Buts 1804. Conterviel CO 80116 ph:303.708.0500 bc:303.708.0400 member doorn Chill Engineers • Surveyors • Water Resource Engineers • Weter & Weter Engineers Construction Managers • Environmental Scientists • Landscope Architects • Planners Dwy Nome: P:\Copkc3\dwg\Surv\Exhibits: Surv\CAPKC3-District R1.dwg Updated By BPto

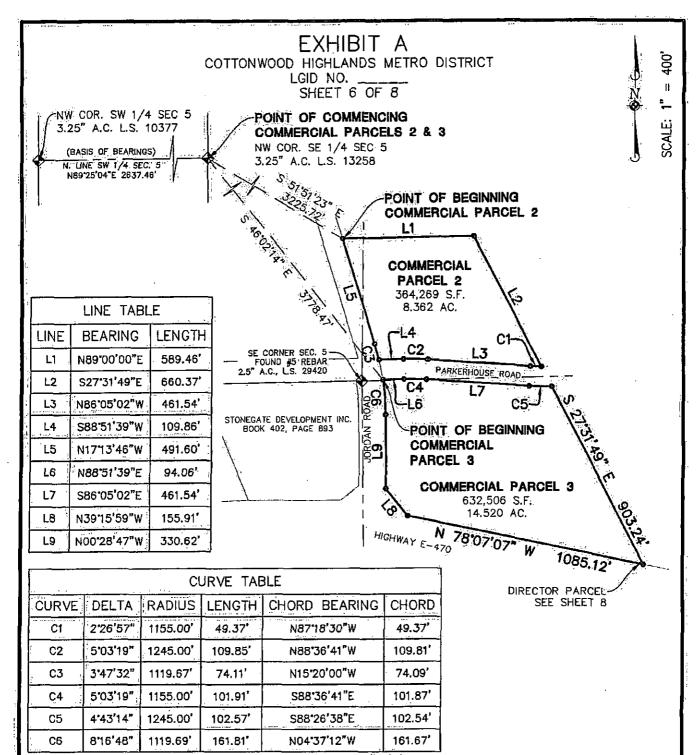


Denotes Change of Direction Only, This exhibit does not represent a monumented survey. It is intended only to depict the attached legal description.



CONSULTING

7442 South Tusson Wey, Suits 1904, Centerfold (COSC)119 ph/2007/06.0500 (r/2007/06.0400) metherdoom CMI Engineers • Survayors • Wetter Resource Engineers • Weter & Wasterwater Engineers Construction Managers • Environmental Scientists • Landscape Architects • Planners



NOTE:

 Denotes Change of Direction Only. This exhibit does not represent a monumented survey. It is intended only to depict the attached legal description.



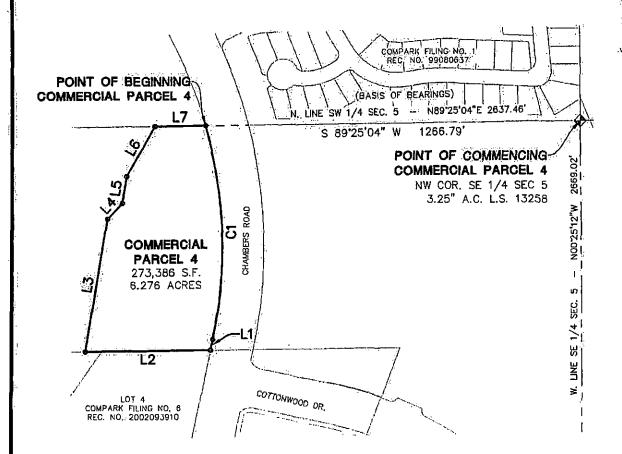
Manhard

CONSULTING

7448 Botch Tuccon Wey, Buto 180A, Centennell CO 80112 ph:303,708,0800 k:303,708,0400 menherd con Civil Engineers • Surveyors • Water Resource Engineers • Water & Wasterwater Engineers Construction Moriegers • Environmental Scientists • Londscape Architects • Planners

EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. _____ SHEET 7 OF 8



LINE TABLE					
LINE	BEARING	LENGTH			
L1	S11'36'50"W	37.37			
. L2	S89'25'07"W	421.22			
L3	N09'07'51"E	457.77			
L4	N43'40'52"E	73.14'			
L5	N09"11'18"E	91.02			
L6	N28'57'27"E	191.42'			
L7	N89'25'04"E	172.31			

CURVE TABLE					
CURVE	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD
C1	27"21'28"	1529.82	730,46	S02*03*48"E	723.54

NOTE:

 Denotes Change of Direction Only. This exhibit does not represent a monumented survey. It is intended only to depict the attached legal description.



Manhard

300,

SCALE:

CONSULTING

7448 South Tucson Way, Suke 1904, Cereboniel, DO 80118 ph 303709,0500 h:303.708.0400 memberd com Civil Engineers • Surveyora • Water Resource Engineers • Water & Wastowater Engineers Construction Managars • Environmental Scientists • Landacapu Architects • Plennars

EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. _____ SHEET 8 OF 8

SW CORNER, SE 1/4 SEC. 5 NO. 6 REBAR W/ 3" A.C., L.S. 12405

> NW COR, SEC 97 NO. 5 REBAR W/ 2.5" A.C. L.S. 29420

S. LINE SE 1/4 SEC. 5 S 89'07'56" W 2605.79' (BASIS OF BEARINGS)

POINT OF COMMENCING

PARCEL D2

103 S.F.
0.002 AC.

103 S.F.
0.002 AC.

103 S.F.
0.002 AC.

104 C. C.

105 C. C.

107 C. C.

108 C. C.

109 C.

10,

ll

HIGHWAY E-470

NOTE:
Denotes Change of Direction Only. This exhibit does not represent a monumented survey. It is intended only to depict the attached legal description.



Manhard

CONSULTING

7449 South Tusson Wey, Buts 1904, Cartenniel, CD 80119 ph:303708,0500 hts03,708,0400 memberdoom Cwil Engineers • Surveyors • Weter Resource Engineers • Wotor & Washington Engineers Construction Monagers • Environmental Scientists • Landscape Architects • Planners

EXHIBIT C-2

Inclusion Area Boundary Map

(Future Inclusion Parcel)

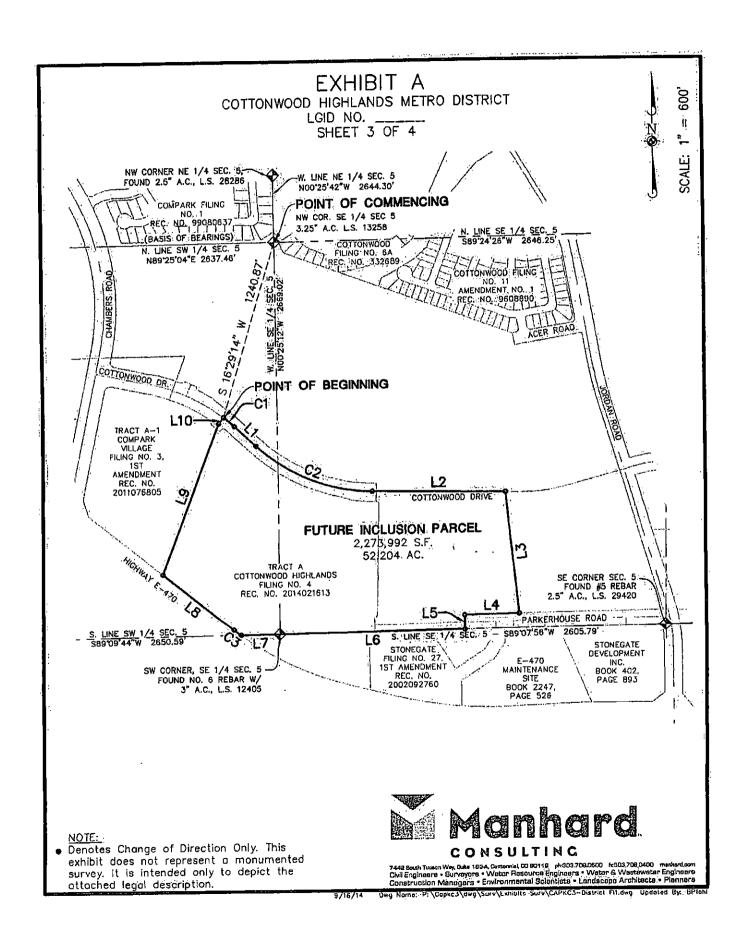


EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. _____ SHEET 4 OF 4

CURVE TABLE					
CURVE	DELTA	RADIUS	LENGTH	CHORD BEARING	CHORD
C1	4*30'21"	1200.00	94.37'	S49°03'56"E	94.35'
C2	42"05'06"	1175.00'	863.06'	S67*51'18"E	843.79
С3	1'44'09"	2025.48	61.36'	N51'51'39"W	61.36'

LINE TABLE					
LINE	BEARING	LENGTH			
L1	S46'48'45"E	200.34			
L2	S88'53'51"E	898.07			
L3	S06"11'13"E	825.18			
L4	S89'07'56"W	366.26			
L5	S00'52'04"E	100.00'			
L6	S89'07'56"W	1249.44			
L7	S89'09'44"W	261.20'			
L8	N50'59'35"W	613.69			
L9	N20'31'13"E	1084.65			
L10	N38'40'54"E	55.00'			



7442 Botch Tucson Way, Sate 1904, Centernets CO 80112, ph3027980800 h20037980400 members/com
CMI Engineers • Surveyors • Water Resource Engineers • Water & Westewater Engineers
Construction Menogers • Environmental Scientists • Landscope Architects • Planners

9/16/14 Dwg Name: P:\CapkGJ\dwg\Surv\Exhibits Surv\CAPKGJ-District Fit.dwg • Updated By BPtoh

FXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. SHEET 1 OF 4

FUTURE INCLUSION PARCEL

A PARCEL OF LAND LOCATED IN THE SOUTH HALF OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 5. ALSO BEING A POINT ON THE SOUTHERLY LINE OF COMPARK FILING NO. 1 RECORDED AT RECEPTION NO. 99080637 OF THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER, AND CONSIDERING THE NORTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 5 TO BEAR NORTH 89'25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH 16'29'14" WEST, A DISTANCE OF 1240.87 FEET TO THE CENTER LINE OF COTTONWOOD DRIVE AND THE POINT OF BEGINNING;

THENCE ALONG SAID CENTER LINE OF COTTONWOOD DRIVE FOR THE FOLLOWING FOUR (4) COURSES:

- 1) THENCE ALONG THE ARC OF A NON-TANGENT CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 4'30'21", A RADIUS OF 1200.00 FEET AND AN ARC LENGTH OF 94.37 FEET, THE CHORD OF WHICH BEARS SOUTH 49'03'56" EAST, A DISTANCE OF 94.35 FEET TO A POINT OF TANGENCY:
- THENCE SOUTH 46'48'45" EAST, A DISTANCE OF 200.34 FEET TO A POINT OF CURVATURE;
- THENCE ALONG THE ARC OF A TANGENT CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 42°05'06", A RADIUS OF 1175.00 FEET AND AN ARC LENGTH OF 863.06 FEET, THE CHORD OF WHICH BEARS SOUTH 67'51'18" EAST. A DISTANCE OF 843.79 FEET TO A POINT OF TANGENCY:
- 4) THENCE SOUTH 88°53'51" EAST, A DISTANCE OF 898.07 FEET;

THENCE SOUTH 06"11'13" EAST, A DISTANCE OF 825.18 FEET TO THE NORTH LINE OF PARKERHOUSE ROAD;

THENCE ALONG SAID NORTH LINE OF PARKERHOUSE ROAD FOR THE FOLLOWING TWO (2) COURSES:

1) THENCE SOUTH 89'07'56" WEST, A DISTANCE OF 366.26 FEET;
2) THENCE SOUTH 00'52'04" EAST, A DISTANCE OF 100.00 FEET TO THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 5;

THENCE SOUTH 89°07'56" WEST, A DISTANCE OF 1249.44 FEET ALONG SAID SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 5 TO THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER;

THENCE SOUTH 89'09'44" WEST, A DISTANCE OF 261.20 FEET ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 5 TO THE NORTH LINE OF HIGHWAY E-470;



7442 South Tusson Way, Suta 1904, Certannial, CO 80112 ph.303,708,0300 fe303,708,0400 menhard.com Civil Engineers • Surveyors • Water Resource Engineers • Water & Westowater Engineers Construction Monogers • Environmental Scientista • Londécapo Architecta • Plannara

EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO._____ SHEET 2 OF 4

FUTURE INCLUSION PARCEL (CONTINUED...)

THENCE ALONG SAID NORTH LINE OF HIGHWAY E-470 FOR THE FOLLOWING TWO (2) COURSES:

1) THENCE ALONG THE ARC OF A NON-TANGENT CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 1'44'09", A RADIUS OF 2025.48 FEET AND AN ARC LENGTH OF 61.36 FEET, THE CHORD OF WHICH BEARS NORTH 51'51'39" WEST, A DISTANCE OF 61.36 FEET TO A POINT OF TANGENCY;

2) THENCE NORTH 50°59'35" WEST, A DISTANCE OF 613.69 FEET TO THE WEST LINE OF TRACT A, COTTONWOOD HIGHLANDS FILING NO. 4 RECORDED AT RECEPTION NO. 2014021613 OF THE

RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER;

THENCE ALONG SAID WEST LINE OF TRACT A FOR THE FOLLOWING TWO (2) COURSES:

1) THENCE NORTH 20'31'13" EAST, A DISTANCE OF 1084.65 FEET;

2) THENCE NORTH 38'40'54" EAST, A DISTANCE OF 55.00 FEET TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING A CALCULATED AREA OF 2,273,992 SQUARE FEET, OR 52.204 ACRES, MORE OR LESS.

I, JAMES M. ROAKE, A SURVEYOR LICENSED IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT THE ABOVE LEGAL DESCRIPTION AND ATTACHED EXHIBIT WERE PREPARED BY ME OR UNDER

MY DIRECT SUPERVISION AND CHECKING.

JAMES M. ROAKE, P.L.S. 37898 FOR AND ON BEHALF OF MANHARD CONSULTING LLC



744b Such Tusen Wey, Suss 1804, Certarviol, CO 60118, ph/903,708.0800 h/303,708.0400 memberdoom Civil Engineers • Surveyora • Weter Resource Engineers • Weter & Westawater Engineers Construction Managers • Environmental Scientists • Landscape Architects • Planners

EXHIBIT C-3

Proof of Ownership and Consents

UNANIMOUS CONSENT

The undersigned owners consent to their properties being included in the Cottonwood Highlands Metro Districts 1-2.

:.	C & I LAND INVESTMENTS, LLC	CLAY CARLSON		
·:		Masson		
:.	Clay Carlson date Manager	Clay Carlson	date	
	K & H LAND INVESTMENTS, LLC	SCOTT CARLSON	. Transport (1997) - Transport (1997) - Transport (1997)	
	Kent D-Carlson date	Scott Carlson	date	
	Manager			,
· . :	S& L LAND INVESTMENTS, LLC	KENT CARLSON		_:
	Scott Carlson date Manager	Kent Carlson	date	
سمنسسب		Colorado Ventures I, LLĆ	eda in	::
	PARRWOOD EAST, LLC	COLORADO VENTORES I, ELIC		
	Clay Carlson date Manager	Donna Fudge Managing Member	date	
		COLORADO VENTURES III, LLC		•
•		Doma Fudge Managing Member	date	<u>:</u> :

Taylor R Carlson date Ryan L Garlson date



DATE: September 18, 2014 FILE NUMBER: F0490313

PROPERTY ADDRESS: Vacant Land, Parker, CO

YOUR REFERENCE NUMBER:

TO: Carlson Associates, Inc.

12460 1st Street
P.O. Box 247
Footboles CO 80614

Eastlake, CO 80614

REF NO.:
☑ If checked, supporting documentation enclosed

ATTN: 5

Scott Carlson

PHONE: MOBILE: (303) 457-2966 (000) 000-0000 (303) 280-2978

FAX: E-MAIL:

scottcarlson@carlsonland.net

DELIVERY: Email NO. OF COPIES: 1

END OF TRANSMITTAL

Fidelity National Title Company

WRITTEN OWNERSHIP AND ENCUMBRANCE REPORT

Order No.:

F0490313-625-YK0

Fee:

\$75.00

Date:

September 18, 2014

Effective Date:

September 10, 2014

A. Legal Description of the Land provided to the Company:

See Exhibit A attached hereto and made a part hereof

- B. The Grantee(s) shown in the last recorded instrument purporting to transfer title to the Land by deed recorded April 25, 2013, recorded Reception No. 2013034221 and Quitclaim Deed recorded January 27, 2003 at Reception No. 2003010697 and Quit Claim Deed recorded August 14, 2014 at Reception No. 2014046055 and Quit Claim Deed recorded September 16, 2014 at Reception No. 2014053327 (wrong reference to the plat recording) by the name of:
 - C & J Land Investments, LLC, a Colorado limited liability company and S& L Land Investments, LLC, a Colorado limited liability company and K & H Land Investments, LLC, a Colorado limited liability company and Parkwood East, LLC, a Colorado limited liability company and Scott Carlson and Clay Carlson and Kent Carlson and Colorado Ventures I, LLC, a Florida limited liability company and Colorado Ventures III, LLC, a Colorado limited liability company and KB Home Colorado Inc., formerly Kaufman and Broad of Colorado Inc., a Colorado corporation, as their interests may appear
- C. Deed of Trust and/or mortgages which may affect the Land (the order of priority is not assured) as follows:

NONE

THIS REPORT IS NOT TO BE CONSTRUED AS AN ABSTRACT OF TITLE, OPINION OF TITLE, INSURANCE POLICY, NOR A COMMITMENT FOR TITLE INSURANCE. THE COMPANY MAKES NO REPRESENTATION AS TO THE VALIDITY OF INSURABILITY OF TITLE, NOR DOES IT GUARANTEE OR INSURE THE VALIDITY OF THE MATTERS CONTAINED IN THIS REPORT. ANY LIABILITY OF THE COMPANY UNDER THIS REPORT IS LIMITED TO THE FEE ACTUALLY PAID FOR IT.

NOTICE CONCERNING FRAUDULENT INSURANCE ACTS

(This Notice is Permanently Affixed Hereto)

It is unlawful to knowingly provide false, incomplete, or misleading facts or information to an insurance company for the purpose of defrauding or attempting to defraud the company. Penalties may include imprisonment, fines, denial of insurance, and civil damages. Any insurance company or agent of an insurance company who knowingly provides false, incomplete, or misleading facts or information to a policyholder or claimant for the purpose of defrauding or attempting to defraud the policyholder or claimant with regard to a settlement or award payable from insurance proceeds shall be reported to the Colorado Division of Insurance within the department of regulatory agencies.

C. R. S. A. § 10-1-128 (6)(a).

Exhibit A

Residential District

A parcel of land located in the Southwest quarter and the East half of Section 5, Township 6 South, Range 66 West of the Sixth Principal Meridian, County of Douglas, State of Colorado, more particularly described as follows:

Beginning at the Northwest corner of the Southeast quarter of said Section 5, also being a point on the Southerly line of Compark Filing No. 1 recorded at Reception No. 99080637 of the records of the Douglas County Clerk and Recorder, and considering the North line of said Southwest quarter of Section 5 to bear North 89°25'04" East with all bearings contained herein being relative thereto;

Thence North 00°25'42" West, a distance of 78.51 feet along the West line of the Northeast quarter of said Section 5 and the boundary of said Compark Filing No. 1 to a point on the West line of Cottonwood Subdivision Filing No. 6A recorded at Reception No. 332689 of the records of the Douglas County Clerk and Recorder;

Thence South 22°53'33" East, along the Southerly line of said Cotttonwood Subdivision Filing No. 6A, a distance of 164.52 feet:

Thence South 69°28'24" East, a distance of 394.08 feet along the Southerly line of said Cottonwood Subdivision Filing No. 6A to the Southwesterly corner of Tract A in Cottonwood Subdivision Filing No. 11 Amendment No. 1 recorded at Reception No. 9608890 of the records of the Douglas County Clerk and Recorder;

Thence along said Tract A for the following twenty (20) courses:

- 1. Thence North 83°01'54" East, a distance of 66.42 feet;
- 2. Thence North 80°11'15" East, a distance of 64.34 feet;
- 3. Thence North 76°07'33" East, a distance of 63.78 feet;
- 4. Thence North 67°54'51" East, a distance of 63.80 feet;
- 5. Thence North 64°17'18" East, a distance of 61.85 feet;
- 6. Thence North 58°32'07" East, a distance of 179.26 feet;
- 7. Thence North 46°36'52" East, a distance of 71.13 feet;
- 8. Thence North 19°29'19" East, a distance of 71.50 feet;
- 9. Thence North 14°14'36" East, a distance of 115.34 feet;
- 10. Thence North 24°51'10" East, a distance of 858.09 feet;
- 11. Thence South 31°28'01" East, a distance of 401.20 feet;
- 12. Thence South 58°32'16" West, a distance of 224.18 feet;
- 13. Thence South 41°02'44" West, a distance of 346.91 feet;
- 14. Thence South 24°51'21" West, a distance of 120.49 feet
- 15. Thence South 14°14'36" West, a distance of 95.12 feet; 16. Thence South 19°29'19" West, a distance of 103.08 feet;
- 17. Thence South 46°36'52" West, a distance of 109.15 feet;
- 18. Thence South 58°32'07" West, a distance of 196.27 feet;
- 19. Thence South 64°17'18" West, a distance of 71.18 feet;
- 20. Thence South 20°31'36" West, a distance of 63.56 feet to the Southerly line of said Cottonwood Subdivision Filing No. 11 Amendment No. 1;

Thence along said Southerly line of Cottonwood Subdivision Filing No. 11 Amendment No. 1 for the following three (3) courses:

- 1. Thence South 69°28'24" East, a distance of 961.91 feet;
- 2. Thence South 09°39'39" East, a distance of 80.00 feet;
- 3. Thence North 80°20'21" East, a distance of 459.91 feet to the West line of Jordan Road;

Thence along said West line of Jordan Road for the following three (3) courses:

- 1. Thence South 09°39'39" East, a distance of 165.24 feet to the point of curvature;
- 2. Thence along the arc of a tangent curve to the left having a central angle of 7°34'07", a radius of 3083.91 feet and an arc length of 407.38 feet, the chord of which bears South 13°26'42" East, a distance of 407.08 feet to a point of tangency;
- 3. Thence South 17°13'46" East, a distance of 440.06 feet to the intersection with the center line of Cottonwood Drive;

Thence along said center line of Cottonwood Drive for the following seven (7) courses:

1. Thence South 75°07'26" West, a distance of 394.01 feet to a point of curvature;

2. Thence along the arc of a tangent curve to the right having a central angle of 15°58'42", a radius of 1000.00 feet and an arc length of 278.88 feet, the chord of which bears South 83°06'47" West, a distance of 277.97 feet to a point of

3. Thence North 88°53'51" West, a distance of 1015.20 feet to a point of curvature;

4. Thence along the arc of a tangent curve to the right having a central angle of 42°05'06", a radius of 1175.00 feet and an arc length of 863.06 feet, the chord of which bears North 67°51'18" West, a distance of 843.79 feet to a point of

5. Thence North 46°48'45" West, a distance of 200.34 feet to a point of curvature;

6. Thence along the arc of a tangent curve to the left having a central angle of 31°35'15", a radius of 1200.00 feet and an arc length of 661.57 feet, the chord of which bears North 62°36'22" West, a distance of 653.22 feet to a point of

7. Thence North 78°24'00" West, a distance of 275.36 feet to the intersection with the East line of Chambers Road;

Thence along said East line of Chambers Road for the following two (2) courses:

1. Thence North 11°36'50" East, a distance of 134.36 feet to a point of curvature;

2. Thence along the arc of a tangent curve to the left having a central angle of 26°03'26", a radius of 1670.00 feet and an arc length of 759.49 feet, the chord of which bears North 01°24'53" West, a distance of 752.96 feet to the North line of said Southwest quarter of Section 5;

Thence North 89°25'04" East, a distance of 1122.19 feet along last said North line and the South line of said Compark Filing No. 1 to the Point of Beginning.

Director Parcel (a part of the previous description)

A parcel of land located in the Southeast quarter of Section 5, Township 6 South, Range 66 West of the Sixth Principal Meridian, County of Douglas, State of Colorado, more particularly described as follows:

Commencing at the Northwest corner of said Southeast quarter of Section 5 and considering the North line of the Southwest quarter of said Section 5 to bear North 89°25'04" East with all bearings contained herein being relative thereto;

Thence South 11°48'48" East, a distance of 1041.35 feet to the Point of Beginning;

Thence North 58°14'59" East, a distance of 87.21 feet;

Thence South 18°22'50" West, a distance of 113.63 feet;

Thence North 31°45'01" West, a distance of 72.84 feet to the Point of Beginning.

Legal description prepared by James M Roake, PLS 37898 for and on behalf of Manhard Consulting

Note: A portion of said land lies in Tract A, Cottonwood Subdivision Filing No. 11 Amendment No. 1 and Tracts B and C of Compark Village Filing No. 2.

#2014053327, 09/16/2014 at 01:00:46 PM, 1 OF 1, Rec Fee \$11.00 Doc Fee \$0.00 Douglas County CO Jack Arrowsmith, Clerk & Recorder

QUIT CLAIM DEED

THIS DEED, made this 9th day of April, 2014, between KB HOME COLORADO INC., a Colorado corporation, whose address is 7807 E. Peakview Ave., Suite 300, Centennial, Colorado 80111 (the "Grantor"), and PARKWOOD EAST LLC, a Colorado limited liability company, whose address is 12460 1st Street, Eastlake, Colorado 80614 (the "Grantee").

WITNESSETH, that the Grantor, for and in consideration of the sum of ONE HUNDRED AND 00/100THS DOLLARS and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has remised, released, sold, conveyed and quit claimed, and by these presents does remise, release, sell, convey and quit claim, unto the Grantee, its successors and assigns forever, all of the right, title, interest, claim and demand which the Grantor has in and to the real property together with improvements, if any, situate, lying and being in Douglas County, State of Colorado, described as follows:

Tract A - Parcel No. 223305114027 Tract B - Parcel No. 223305114036 Tract C - Parcel No. 223305114028

Tract D ~ Parcel No. 223305410001 as shown on the Final Plat of Cottonwood Filing No. 11 Subdivision recorded on November 30, 2011 at Reception No. 2003010697 in the Clerk and Recorder's Office of Douglas County, Colorado (the "Property").

Also known by street and number as: N/A

TO HAVE AND TO HOLD said Property together with all and singular the appurtenances and privileges thereunder belonging, or in anywise thereunto appertaining, and all the estate, right, title, interest and claim whatsoever, of the Grantor, either in law or equity, to the only proper use, benefit and behoof of the Grantee, its successors and assigns forever.

IN WITNESS WHEREOF, this Quit Claim Deed is executed by the Grantor as of the day and year first above written.

GRANTOR:

KB HOME COLORADO INC., a Colorado corporation

By:

Matt Mandino, President

STATE OF COLORADO

COUNTY OF ARAPAHOE

) ss. }

The foregoing instrument was acknowledged before me this 9th day of April, 2014 by Matt Mandino as President of KB Home Colorado Inc., a Colorado corporation.

Witness my hand and official seal.

ROSE RODRIGUEZ

NOTARY PUBLIC

STATE OF COLORADO

NOTARY ID 20114032823

MY COMMISSION EXPIRES 05/24/2015

Notary Public

My commission expires:

0512412015

#2014046055, 08/14/2014 at 04:00:33 PM, 1 OF 1, Recording Fee \$11.00 Doc Fee \$0.00 Electronically Recorded Official Records Douglas County, CO Jack Arrowsmith, Clerk & Recorder

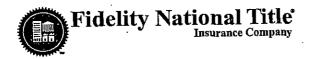
QUIT CLAIM DEED

Compark Investments, LLC, a Colorado limited liability company and Compark Land Company, a Colorado corporation (collectively, "Grantor"), for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby sells and quitclaims to C&J Land Investments, LLC, a Colorado limited liability company, S&L Land Investments, LLC, a Colorado limited liability company, Parkwood East, LLC, a Colorado limited liability company, Clay Carlson, an individual, Scott Carlson, an individual, Kent Carlson, an individual, Colorado Ventures I, LLC, a Florida limited liability company (collectively "Grantee"), whose address is 12460 1th Street, PO Box 247, Eastlake, CO 80614-0247, all the right, title, interest, claim and demand, if any, which the Grantor has in and to the following real property, in the Town of Parker, County of Douglas, State of Colorado, to wit:

wit: TRACT B OF COMPARK VILLAGE FILING NO. 2 as recorded November 18, 2011 at Reception No. 2011073047. Signed this Compark Investments, LLC, a Colorado limited liability company Name: Thomas Triplett Title: Manager Compark Land Company, a Colorado corporation Name: Thomas Triplett Title: President STATE OF _)ss. On June 26, 2014, before me, Kathryn R Newson Notary Public, personally appeared Thomas Triplett, as Manager of Compark Investments, LLC, a Colorado limited liability company and as President of Compark Land Company, a Colorado corporation personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that that person executed the same in that person's authorized capacity, and that, by that person's signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument. WITNESS my band and official seal. KATHRYN R. NEWSOM 回回車 Notary Public - State of Kansas

02050421.2

My Appt Expires



DATE: September 18, 2014 FILE NUMBER: F0490309

PROPERTY ADDRESS: Vacant Land, Parker, CO

YOUR REFERENCE NUMBER:

TO: Carlson Associates, Inc.

12460 1st Street P.O. Box 247

Eastlake, CO 80614

REF NO.:

☑ If checked, supporting documentation enclosed

ATTN:

Scott Carlson

PHONE:

(303) 457-2966 (000) 000-0000

MOBILE:

(303) 280-2978

FAX: E-MAIL:

scottcarlson@carlsonland.net

DELIVERY: Email

NO. OF COPIES: 1

END OF TRANSMITTAL

Fidelity National Title Company

WRITTEN OWNERSHIP AND ENCUMBRANCE REPORT

Order No.:

F0490309-625-YK0

Fee:

\$75.00

Date:

September 18, 2014

Effective Date:

September 10, 2014

A. Legal Description of the Land provided to the Company:

See Exhibit A attached hereto and made a part hereof

- B. The Grantee(s) shown in the last recorded instrument purporting to transfer title to the Land by deed recorded April 25, 2013, recorded Reception No. 2013034221 and various other deeds by the name of:
 - C & J Land Investments, LLC, a Colorado limited liability company and S & L Land Investments, LLC, a Colorado limited liability company and K & H Land Investments, LLC, a Colorado limited liability company and Parkwood East, LLC, a Colorado limited liability company and Scott Carlson and Clay Carlson and Kent Carlson and Colorado Ventures I, LLC, a Florida limited liability company and Colorado Ventures III, LLC, a Florida limited liability company, as their interests may appear
- C. Deed of Trust and/or mortgages which may affect the Land (the order of priority is not assured) as follows:

NONE

THIS REPORT IS NOT TO BE CONSTRUED AS AN ABSTRACT OF TITLE, OPINION OF TITLE, INSURANCE POLICY, NOR A COMMITMENT FOR TITLE INSURANCE. THE COMPANY MAKES NO REPRESENTATION AS TO THE VALIDITY OR INSURABILITY OF TITLE, NOR DOES IT GUARANTEE OR INSURE THE VALIDITY OF THE MATTERS CONTAINED IN THIS REPORT. ANY LIABILITY OF THE COMPANY UNDER THIS REPORT IS LIMITED TO THE FEE ACTUALLY PAID FOR IT.

NOTICE CONCERNING FRAUDULENT INSURANCE ACTS

(This Notice is Permanently Affixed Hereto)

It is unlawful to knowingly provide false, incomplete, or misleading facts or information to an insurance company for the purpose of defrauding or attempting to defraud the company. Penalties may include imprisonment, fines, denial of insurance, and civil damages. Any insurance company or agent of an insurance company who knowingly provides false, incomplete, or misleading facts or information to a policyholder or claimant for the purpose of defrauding or attempting to defraud the policyholder or claimant with regard to a settlement or award payable from insurance proceeds shall be reported to the Colorado Division of Insurance within the department of regulatory agencies.

C. R. S. A. § 10-1-128 (6)(a).

Exhibit A

Commercial Parcel 1

A parcel of land located in the Southeast quarter of Section 5, Township 6 South, Range 66 West of the Sixth Principal Meridian, County of Douglas, State of Colorado, more particularly described as follows:

Commencing at the Northwest corner of the Southeast quarter of said Section 5, and considering the North line of the Southwest quarter of said Section 5 to bear North 89°25'04" East with all bearings contained herein being relative thereto;

Thence South 41°51'42" East, a distance of 2315.15 feet to the center line of Cottonwood Drive and the Point of Beginning;

Thence along said center line of Cottonwood Drive for the following three (3) courses:

- 1. Thence South 88°53'51" East, a distance of 117.13 feet to a point of curvature;
- 2. Thence along the arc of a tangent curve to the left having a central angle of 15°58'42", a radius of 1000.00 feet and an arc length of 278.88 feet, the chord of which bears North 83°06'47" East, a distance of 277.97 feet to a point of
- 3. Thence North 75°07'26" East, a distance of 394.01 feet to the West line of Jordan Road;

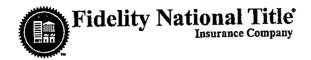
Thence along said West line of Jordan Road for the following two (2) courses:

- 1. Thence South 17°13'46" East, a distance of 938.75 feet to a point of curvature;
- 2. Thence along the arc of a tangent curve to the right having a central angle of 2°23'12", a radius of 1029.67 feet and an arc length of 42.89 feet, the chord of which bears South 16°02'10" East, a distance of 42.89 feet to the North line of Parkerhouse Road;

Thence South 89°07'56" West, a distance of 974.96 feet along said North line of Parkerhouse Road;

Thence North 06°11'13" West, a distance of 829.18 feet to the Point of Beginning.

Legal description prepared by James M. Roake, P.L.S. 37898 for and on behalf of Manhard Consulting



DATE: September 18, 2014 FILE NUMBER: F0490311

PROPERTY ADDRESS: Vacant Land, Parker, CO

YOUR REFERENCE NUMBER:

TO: Carlson Associates, Inc.

12460 1st Street P.O. Box 247

Eastlake, CO 80614

REF NO.:

☑ If checked, supporting documentation enclosed

ATTN:

Scott Carlson

PHONE: MOBILE: (303) 457-2966 (000) 000-0000

MOBILE:

(303) 280-2978

E-MAIL:

scottcarlson@carlsonland.net

DELIVERY: Email

NO. OF COPIES: 1

END OF TRANSMITTAL

Fidelity National Title Company

WRITTEN OWNERSHIP AND ENCUMBRANCE REPORT

Order No.:

F0490311-625-YK0

Fee;

\$75.00

Date:

September 18, 2014

Effective Date:

September 10, 2014

A. Legal Description of the Land provided to the Company:

See Exhibit A attached hereto and made a part hereof

B. The Grantee(s) shown in the last recorded instrument purporting to transfer title to the Land by deed recorded April 25, 2013, recorded <u>Reception No. 2013034220</u>, and various other deeds by the name of:

C and J Land Investments, LLC, a Colorado limited liability company and S & L Land Investments, LLC, a Colorado limited liability company and K & H Land Investments, LLC, a Colorado limited liability company and Parkwood East, LLC, a Colorado limited liability company and Scott Carlson and Clay Carlson and Kent Carlson and Colorado Ventures I, LLC, a Flordia limited liability company and Colorado Ventures III, a Florida limited liability company, as their interests may appear

C. Deed of Trust and/or mortgages which may affect the Land (the order of priority is not assured) as follows:

NONE

THIS REPORT IS NOT TO BE CONSTRUED AS AN ABSTRACT OF TITLE, OPINION OF TITLE, INSURANCE POLICY, NOR A COMMITMENT FOR TITLE INSURANCE. THE COMPANY MAKES NO REPRESENTATION AS TO THE VALIDITY OR INSURABILITY OF TITLE, NOR DOES IT GUARANTEE OR INSURE THE VALIDITY OF THE MATTERS CONTAINED IN THIS REPORT. ANY LIABILITY OF THE COMPANY UNDER THIS REPORT IS LIMITED TO THE FEE ACTUALLY PAID FOR IT.

NOTICE CONCERNING FRAUDULENT INSURANCE ACTS

(This Notice is Permanently Affixed Hereto)

It is unlawful to knowingly provide false, incomplete, or misleading facts or information to an insurance company for the purpose of defrauding or attempting to defraud the company. Penalties may include imprisonment, fines, denial of insurance, and civil damages. Any insurance company or agent of an insurance company who knowingly provides false, incomplete, or misleading facts or information to a policyholder or claimant for the purpose of defrauding or attempting to defraud the policyholder or claimant with regard to a settlement or award payable from insurance proceeds shall be reported to the Colorado Division of Insurance within the department of regulatory agencies.

C. R. S. A. § 10-1-128 (6)(a).

Exhibit A

Commercial Parcel 2

A parcel of land located in the Southeast quarter of Section 5 and the Southwest quarter of Section 4, Township 6 South, Range 66 West of the Sixth Principal Meridian, County of Douglas, State of Colorado, more particularly described as follows:

Commencing at the Northwest corner of the Southeast quarter of said Section 5 and considering the North line of the Southwest quarter of said Section 5 to bear North 89°25'04" East with all bearings contained herein being relative thereto;

Thence South 51°51'23" East, a distance of 3,225.72 feet to the East line of Jordan Road and the Point of Beginning;

Thence North 89°00'00" East, a distance of 589.46 feet;

Thence South 27°31'49" East, a distance of 660.37 feet to the North line of Parkerhouse Road;

Thence along said North line of Parkerhouse Road for the following four (4) courses:

- 1. Thence along the arc of a non-tangent curve to the right having a central angle of 2°26'57", a radius of 1,155.00 feet, an arc length of 49.37 feet, the chord of which bears North 87°18'30" West, a distance of 49.37 feet to a point of tangency;
- 2. Thence North 86°05'02" West, a distance of 461.54 feet to a point of curvature;
- 3. Thence along the arc of a tangent curve to the left having a central angle of 5°03'19", a radius of 1,245.00 feet, an arc length of 109.85 feet, the chord of which bears North 88°36'41" West, a distance of 109.81 feet to a point of
- Thence South 88°51'39" West, a distance of 109.86 feet to said East line of Jordan Road;

Thence along said East line of Jordan Road for the following two (2) courses:

- 1. Thence along the arc of a non-tangent curve to the left having a central angle of 3°47'32", a radius of 1,119.67 feet, an arc length of 74.11 feet, the chord of which bears North 15°20'00" West, a distance of 74.09 feet to a point of
- Thence North 17°13'46" West, a distance of 491.60 feet to the Point of Beginning;

Commercial Parcel 3

A parcel of land located in the Southwest quarter of Section 4 and the Northwest quarter of Section 9, Township 6 South, Range 66 West of the Sixth Principal Meridian, County of Douglas, State of Colorado, more particularly described as follows:

Commencing at the Northwest corner of the Southeast quarter of Section 5, Township 6 South, Range 66 West of the Sixth Principal Meridian and considering the North line of the Southwest quarter of said Section 5 to bear North 89°25'04" East with all bearings contained herein being relative thereto;

Thence South 46°02'14" East, a distance of 3,778.47 feet to the intersection of the East line of Jordan Road with the South line of Parkerhouse Road, said intersection being the Point of Beginning;

Thence along said South line of Parkerhouse Road for the following four (4) courses:

- 1. Thence North 88°51'39" East, a distance of 94.06 feet to the point of curvature;
- 2. Thence along the arc of a tangent curve to the right having a central angle of 5°03'19", a radius of 1,155.00 feet, an arc length of 101.91 feet, the chord of which bears South 88°36'41" East, a distance of 101.87 feet to a point of tangency;
- 3. Thence South 86°05'02" East, a distance of 461.54 feet to a point of curvature;
- Thence along the arc of a tangent curve to the left having a central angle of 4°43'14", a radius of 1,245.00 fete, an arc length of 102.57 feet, the chord of which bears South 88°26'38" East, a distance of 102.54 feet to a non-tangent line;

Thence South 27°31'49" East, a distance of 903.24 feet to the North line of Highway E-470;

Thence along said North line of Highway E-470 for the following two (2) courses:

1. Thence North 78°07'07" West, a distance of 1,085.12 feet;

2. Thence North 39°15'59" West, a distance of 155.91 feet to said East line of Jordan Road;

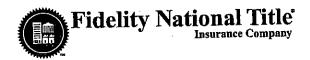
Thence along said East line of Jordan Road for the following two (2) courses:

1. Thence North 00°28'47" West, a distance of 330.62 feet to a point of curvature;

2. Thence along the arc of a tangent curve to the left having a central angle of 8°16'48", a radius of 1,119.69 feet, an arc length of 161.81 feet, the chord of which bears North 04°37'12" West, a distance of 161.67 feet to the Point of Beginning;

Legal description prepared by James M. Roake, P.L.S. 37898 for and on behalf of Manhard Consulting

Note: The above land is also shown as Lots 2 and 3 on the Plat of Cottonwood South recorded March 5, 2003 at Reception No. 2003029540.



DATE: September 18, 2014 FILE NUMBER: F0490307

PROPERTY ADDRESS: Vacant Land, Parker, CO

YOUR REFERENCE NUMBER:

TO: Carlson Associates, Inc.

12460 1st Street P.O. Box 247

Eastlake, CO 80614

REF NO.:

☐ If checked, supporting documentation enclosed

ATTN:

Scott Carlson

PHONE:

(303) 457-2966 (000) 000-0000

MOBILE: FAX:

(303) 280-2978

E-MAIL:

scottcarlson@carlsonland.net

DELIVERY: Email

NO. OF COPIES: 1

END OF TRANSMITTAL

Fidelity National Title Company

WRITTEN OWNERSHIP AND ENCUMBRANCE REPORT

Order No.:

F0490307-625-YK0

Fee:

\$75.00

Date:

September 18, 2014

Effective Date:

September 10, 2014

A. Legal Description of the Land provided to the Company:

See Exhibit A attached hereto and made a part hereof

- B. The Grantee(s) shown in the last recorded instrument purporting to transfer title to the Land by deed recorded April 25, 2013 at Reception No. 2013034220 and Reception No. 2013034221, and various other deeds by the name of:
 - C & J Land Investments, LLC, a Colorado limited liability company and S & L Land Investments, LLC, a Colorado limited liability company and K & H Land Investments, LLC, a Colorado limited liability company and Parkwood East, LLC, a Colorado limited liability company and Scott Carlson and Clay Carlson and Kent Carlson and Colorado Ventures I, LLC, a Florida limited liability company and Colorado Ventures III, LLC, a Florida limited liability company, as their interests may appear
- C. Deed of Trust and/or mortgages which may affect the Land (the order of priority is not assured) as follows:

NONE

THIS REPORT IS NOT TO BE CONSTRUED AS AN ABSTRACT OF TITLE, OPINION OF TITLE, INSURANCE POLICY, NOR A COMMITMENT FOR TITLE INSURANCE. THE COMPANY MAKES NO REPRESENTATION AS TO THE VALIDITY OR INSURABILITY OF TITLE, NOR DOES IT GUARANTEE OR INSURE THE VALIDITY OF THE MATTERS CONTAINED IN THIS REPORT. ANY LIABILITY OF THE COMPANY UNDER THIS REPORT IS LIMITED TO THE FEE ACTUALLY PAID FOR IT.

NOTICE CONCERNING FRAUDULENT INSURANCE ACTS

(This Notice is Permanently Affixed Hereto)

It is unlawful to knowingly provide false, incomplete, or misleading facts or information to an insurance company for the purpose of defrauding or attempting to defraud the company. Penalties may include imprisonment, fines, denial of insurance, and civil damages. Any insurance company or agent of an insurance company who knowingly provides false, incomplete, or misleading facts or information to a policyholder or claimant for the purpose of defrauding or attempting to defraud the policyholder or claimant with regard to a settlement or award payable from insurance proceeds shall be reported to the Colorado Division of Insurance within the department of regulatory agencies.

C. R. S. A. § 10-1-128 (6)(a).

Exhibit A

Commercial Parcel 4:

A parcel of land located in the Southwest quarter of Section 5, Township 6 South, Range 66 West of the Sixth Principal Meridian, County of Douglas, State of Colorado, more particularly described as follows:

Commencing at the Northeast corner of said Southwest quarter of Section 5, and considering the North line of said Southwest quarter to bear North 89°25'04" East with all bearings contained herein being relative thereto;

Thence South 89°25'04" West, a distance of 1266.79 feet to the West line of Chambers Road and the Point of Beginning;

Thence along said West line of Chambers Road for the following two (2) courses:

- Thence along the arc of a non-tangent curve to the Right having a Central Angle of 27°21'28", a radius of 1529.84 feet and an arc length of 730.46 feet, the chord of which bears South 02°03'48" East, a distance of 723.54 feet to a point of tangency;
- Thence South 11°36'50" West, a distance of 37.37 feet; 2)

Thence South 89°25'07" West, a distance of 421.22 feet;

Thence North 09°07'51" East, a distance of 457.77 feet;

Thence North 43°40'52" East, a distance of 73.14 feet;

Thence North 09°11'18" East, a distance of 91.02 feet;

Thence North 28°57'27" East, a distance of 191.42 feet to said North line of the Southwest quarter of Section 5;

Thence North 89°25'04" East, a distance of 172.31 feet along said North line of the Southwest quarter of Section 5 to the

Point of Beginning.

County of Douglas, State of Colorado.

#2014050680, 09/05/2014 at 12:01:05 PM, 1 OF 5,Rec Fee \$31.00 Doc Fee \$0.00 Douglas County CO Jack Arrowsmith, Clerk & Recorder

QUITCLAIM DEED

THIS DEED, made this day of September, 2014, between C & J Land Investments, LLC, a Colorado limited liability company and S & L Land Investments, LLC, a Colorado limited liability company and K & H Land Investments, LLC, a Colorado limited liability company and Parkwood East, LLC, a Colorado limited liability company and Scott Carlson and Clay Carlson and Kent Carlson and Colorado Ventures I, LLC, a Florida limited liability company and State of Colorado Ventures III, LLC, a Florida limited liability company of the County of Adams and State of Colorado, grantor(s), and Clay Carlson, Scott L Carlson, Kent D Carlson, Ryan L Carlson and Taylor R Carlson, as individuals, grantee(s), whose legal address is 12460 1st Street, PO Box 247, Eastlake CO 80614-0247 of the County of Adams and State of Colorado, grantee(s),

WITNESSETH, That the grantor(s), for and in consideration of the sum of Ten Dollars, the receipt and sufficiency of which is hereby acknowledged, has remised, released, sold and QUITCLAIMED, and by these presents does remise, release, sell and QUITCLAIM unto the grantee(s), their heirs, successors and assigns, forever, all the right, title, interest, claim and demand which the grantor(s) have in and to the real property, together with improvements, if any, situate, lying and being in the County of Douglas and State of Colorado, described as follows:

PARCEL D1

A PARCEL OF LAND LOCATED IN THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 5, ALSO BEING A POINT ON THE SOUTHERLY LINE OF COMPARK FILING NO. 1 RECORDED UNDER RECEPTION NO. 99080637 OF THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER, AND CONSIDERING THE NORTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 5 TO BEAR NORTH 89°25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO:

THENCE SOUTH 11°48'48" EAST, A DISTANCE OF 1041.35 FEET TO THE POINT OF BEGINNING:

THENCE NORTH 58°14'59" EAST, A DISTANCE OF 87.21 FEET;

THENCE SOUTH 18 °22'50" WEST, A DISTANCE OF 113.63 FEET;

THENCE NORTH 31 °45'01" WEST, A DISTANCE OF 72.84 FEET TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING A CALCULATED AREA OF 3,176 S.F., OR 0.073 ACRES, MORE OR LESS

TO HAVE AND TO HOLD the same, together with all appurtenances and privileges thereunto belonging or in anywise thereunto appertaining, and all the estate, right, title, interest and claim whatsoever, of the grantor(s), either in law or equity, to the only proper use, benefit and behoof of the grantee(s) their heirs and assigns forever.

IN WITNESS WHEREOF, The grantor(s) have executed this deed on the date set forth above.

C & J LAND INVESTMENTS, LLC	PARKWOOD EAST, LLC, a Colorado limited liability company
a Colorado limited liability company	
Marian	By: Clay Carlson, Manager
By: Clay Carlson, Manager	By: Glay Callson, Manager
S & L LAND INVESTMENTS, LLC a Colorado limited liability company	Colorado Ventures I, LLC a Florida limited liability company
Harth C.	A)22-
By Scott Carleton, Manager	By: Donna Fudge, Managing Member
K & H LAND INVESTMENTS, LLC a Colorado limited liability company	Colorado Ventures III, LLC a Florida limited liability company
a Colorado ininteo nacinty company	
By: Kent D. Carlson, Manager	By: Donna Fudge, Managing Member
Confin	
Clay Carlson, an individual	Kent D Carlson, an Individual
Short L Carison, alt intlividual	

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

STATE OF COLORADO ,
COUNTY OF ADAMS)
The foregoing instrument was acknowledged before me this day of September, 2014 by Clay Carlson as Manager of C & J Land Investments, LLC, a Colorado limited liability company.
Witness my hand and official seal.
My Commission Expires: 50/89/2016
JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 200004003652 MY COMMISSION EXPIRES FEBRUARY 09, 2016 MY COMMISSION EXPIRES FEBRUARY 09, 2016 NOTARY Public
STATE OF COLORADO)
COUNTY OF ADAMS)
The foregoing instrument was acknowledged before me this day of September, 2014 by Scott L. Carlson as Manager of S & L Land Investments, LLC, a Colorado limited liability company.
Witness my hand and official seal.
My Commission Expires: 0 - 109 / 701/2 JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY 10 M 200004003852 MY COMMISSION EXPIRES FEBRUARY 09, 2018 NOTARY 10 M 200004003852 NOTARY 10 M 200004003852 NOTARY 10 M 200004003852
STATE OF COLORADO)
COUNTY OF ADAMS)
The foregoing instrument was acknowledged before me this day of September, 2014 by Kent D. Carlson as Manager of K & H Land Investments, LLC, a Colorado limited liability company.
Witness my hand and official seal.
My Commission Expires: DS/09/Z016
JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 200004003852 NO COMMISSION EXPIRES FEBRUARY 09, 2016 NO COMMISSION EXPIRES FEBRUARY 09, 2016

٠,

. .

STATE OF COLORADO)	
COUNTY OF ADAMS)	
The foregoing instrument was acknowledged before me this day of September, 2014 by Clay Carlson as Manager of Parkwood East, LLC, a Colorado limited liability company.	
Witness my hand and official seal.	
My Commission Expires: JENNY L MOORE NOTARY PUBLIC NOTARY ID # 200004003852 MY COMMISSION EXPIRES FEBRUARY 09, 2016 NOTARY ID # 200004003852 NOTARY ID # 200004003852 NOTARY ID # 200004003852	-
STATE OF COLORADO)	
COUNTY OF ADAMS)	
The foregoing instrument was acknowledged before me this day of September, 2014 by Clay Carlson.	
Witness my hand and official seal.	
My Commission Expires: 68/09/2616 JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 200004003852 MY COMMISSION EXPIRES FEBRUARY 09, 2016 NOTARY PUBLIC MY COMMISSION EXPIRES FEBRUARY 09, 2016	•
STATE OF COLORADO)	
COUNTY OF ADAMS)	
The foregoing instrument was acknowledged before me this day of September, 2014 by Scott L Carlson.	
Witness my hand and official seal.	
My Commission Expires: 00/09/76/6 JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 200004003852 NOTARY ID # 200004003852 NOTARY ID # 200004003852	
NOTARY ID # 20000400000 INOTARY DD, 2016	

.

STATE OF COLORADO)
COUNTY OF ADAMS
The foregoing instrument was acknowledged before me this day of September, 2014 by Kent D. Carlson.
Witness my hand and official seal.
My Commission Expires: DJ / Q9 / Zo / Q JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 200004003852 MY COMMISSION EXPIRED FIRINGALY NO. 2016 Notary Fublic Notary Fublic
STATE OF FLORIDA)
COUNTY OF Inellas
The foregoing instrument was acknowledged before me this 444 day of September, 2014 by Donna Fudge as Managing Member of Colorado Ventures I, LLC, a Florida limited liability company.
Witness my hand and official seal.
CATHERINE LIGHTLE WY COMMISSION & EE 837800 EXPIRES: October 4, 2016 Bonded Thru Notary Public Underwriters Output Notary Public Notary Public
STATE OF FLORIDA)
COUNTY OF Hipellas
The foregoing instrument was acknowledged before me this day of September, 2014 by Donna Fudge as Managing Member of Colorado Ventures III, LLC, a Florida limited liability company.
Witness my hand and official seal.
My Commission Expires:
CATHERINE LIGHTLE MY COMMISSION & EE 837800 EXPIRES: October 4, 2016 EXPIRES: October 4, 2016 Bondad Thru Notary Public Undarwanters Notary Public

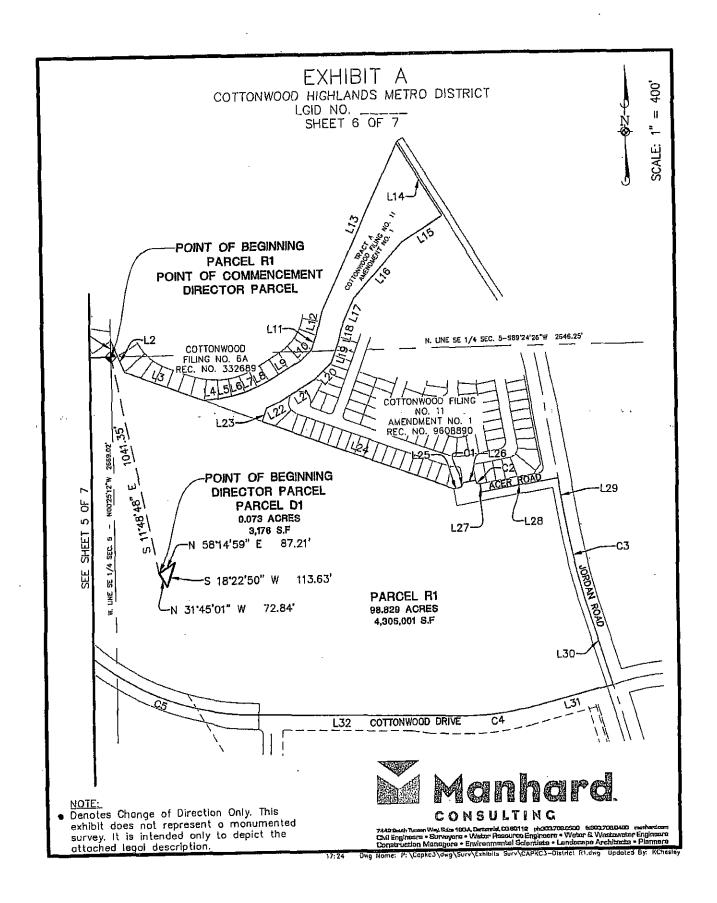


EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. _____ SHEET 4 OF 7

PARCEL D1 (DIRECTOR PARCEL) (A PART OF THE PREVIOUS DESCRIPTION)

A PARCEL OF LAND LOCATED IN THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 5, ALSO BEING A POINT ON THE SOUTHERLY LINE OF COMPARK FILING NO. 1 RECORDER UNDER RECEPTION NO. 99080637 OF THE RECORDS OF THE DOUGLAS COUNTY CLERK AND RECORDER, AND CONSIDERING THE NORTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 5 TO BEAR NORTH 89'25'04" EAST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH 11"48"48" EAST, A DISTANCE OF 1041.35 FEET TO THE POINT OF BEGINNING;

THENCE NORTH 58"14"59" EAST, A DISTANCE OF 87.21;

THENCE SOUTH 18"22'50" WEST, A DISTANCE OF 113.63 FEET;

THENCE NORTH 31'45'01" WEST, A DISTANCE OF 72.84 FEET TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING A CALCULATED AREA OF 3,176 S.F., OR 0.073 ACRES, MORE OR LESS.





7442 Dath Tueon Wey, Buth 180A, Onternial Co 80112 pt.303.708.0500 a:303.708.0400 memberizon Civil Engineera • Surveyorts • Watur Resourch Engineera • Wetor & Westovatur Engineera Construction Managera • Environmental Scientists • Landscape Architects • Plannera

#2014050681, 09/05/2014 at 12:01:05 PM, 1 OF 5,Rec Fee \$31.00 Doc Fee \$0.00 Douglas County CO Jack Arrowsmith, Clerk & Recorder

QUITCLAIM DEED

THIS DEED, made this _____ day of September, 2014, between C & J Land Investments, LLC, a Colorado limited liability company and S & L Land Investments, LLC, a Colorado limited liability company and K & H Land Investments, LLC, a Colorado limited liability company and Parkwood East, LLC, a Colorado limited liability company and Scott Carlson and Clay Carlson and Kent Carlson and Colorado Ventures I, LLC, a Florida limited liability company and Colorado Ventures III, LLC, a Florida limited liability company of the County of Adams and State of Colorado, grantor(s), and Clay Carlson, Scott L Carlson, Kent D Carlson, Ryan L Carlson and Taylor R Carlson, as individuals, grantee(s), whose legal address is 12460 1st Street, PO Box 247, Eastlake CO 80614-0247 of the County of Adams and State of Colorado, grantee(s),

WITNESSETH, That the grantor(s), for and in consideration of the sum of Ten Dollars, the receipt and sufficiency of which is hereby acknowledged, has remised, released, sold and QUITCLAIMED, and by these presents does remise, release, sell and QUITCLAIM unto the grantee(s), their heirs, successors and assigns, forever, all the right, title, interest, claim and demand which the grantor(s) have in and to the real property, together with improvements, if any, situate, lying and being in the County of Douglas and State of Colorado, described as follows:

PARCEL D2

A PARCEL OF LAND LOCATED IN THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 9, AND CONSIDERING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, TO BEAR SOUTH 89°07'56" WEST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH 56°35'27" EAST, A DISTANCE OF 1498.58 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF HIGHWAY E-479 AND THE **POINT OF BEGINNING**;

THENCE NORTH 62°28'11" EAST, A DISTANCE OF 15.82 FEET;

THENCE SOUTH 27°31'49" EAST, A DISTANCE OF 13.00 FEET TO SAID NORTHERLY RIGHT-OF-WAY LINE;

THENCE NORTH 78°07'07" WEST, A DISTANCE OF 20.48 FEET ALONG SAID NORTHERLY RIGHT-OF-WAY LINE TO THE **POINT OF BEGINNING**;

SAID PARCEL CONTAINING A CALCULATED AREA OF 103 SQUARE FEET OR 0.002 ACRES, MORE OR LESS.

TO HAVE AND TO HOLD the same, together with all appurtenances and privileges thereunto belonging or in anywise thereunto appertaining, and all the estate, right, title, interest and claim whatsoever, of the grantor(s), either in law or equity, to the only proper use, benefit and behoof of the grantee(s) their heirs and assigns forever.

IN WITNESS WHEREOF, The grantor(s) have executed this deed on the date set forth above.

C & J LAND INVESTMENTS, LLC a Colorado limited liability company	PARKWOOD EAST, LLC, a Colorado limited liability company
By: Clay Carlson Manager	By: Clay Carlson Manager
S & L LAND INVESTMENTS, LLC a Colorado limited liability company	Colorado Ventures I, LLC a Florida limited liability company
By: Scott L. Carleon, Manager	By Dønne Fudge, Managing Member
K & H LAND INVESTMENTS, LLC a Colorado limited liability company	Colorado Ventures III, LLC a Florida limited liability company
By: Kent D. Carlson, Manager	By: Donna Fudge, Managing Member
Clay Carlson, an individual	Kent D Carlson, an individual
Seoff L. Caylson, an individual	

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

STATE OF COLORADO)
COUNTY OF ADAMS
The foregoing instrument was acknowledged before me this day of September, 2014 by Clay Carlson as Manager of C & J Land Investments, LLC, a Colorado limited liability company.
Witness my hand and official seal.
My Commission Expires: DX 09 72014 JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY 1D # 200004003862 MY COMMISSION EXPIRES FEBRUARY 08; 2018 MY COMMISSION EXPIRES FEBRUARY 08; 2018
STATE OF COLORADO)
COUNTY OF ADAMS)
The foregoing Instrument was acknowledged before me this day of September, 2014 by Scott L. Carlson as Manager of S & L Land Investments, LLC, a Colorado limited liability company.
Witness my hand and official seal.
My Commission Expires: DS/D9 (2016) JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO MY COMMISSION EXPIRES FEBRUARY 05, 2018 NOTARY ID # 2000/4003852 Notary Fublic Notary Fublic
STATE OF COLORADO)
COUNTY OF ADAMS)
The foregoing instrument was acknowledged before me this day of September, 2014 by Kent D. Carlson as Manager of K & H Land Investments, LLC, a Colorado limited liability company.
Witness my hand and official seal.
My Commission Expires: 57 09 7019 JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY 1D # 201004003852 MY COMMISSION EXPIRES FEBRUARY 00, 2016 Notary Public Notary Public

$oldsymbol{\iota}$
STATE OF GOLORADO)
COUNTY OF ADAMS)
The foregoing Instrument was acknowledged before me this day of September, 2014 by Clay Carlson as Manager of Parkwood East, LLC, a Colorado limited liability company.
Witness my hand and official seal.
My Commission Expires: DX 69 ZOL4 JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO
NOTARY ID # 200004003B52 NOTARY ID # 200004003B52 MY COMMISSION EXPIRES FEBRUARY 00, 2018 **TATE OF PROPERTY OF PROPERTY OF PUBLIC PROPERTY OF
STATE OF COLORADO)
COUNTY OF ADAMS)
The foregoing instrument was acknowledged before me this day of September, 2014 by Clay Carlson.
Witness my hand and official seal.
My Commission Expires: JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 200004003852 MY COMMISSION EXPIRES FEBRUARY 09, 2018 MY COMMISSION EXPIRES FEBRUARY 09, 2018
STATE OF COLORADO)
COUNTY OF ADAMS
The foregoing instrument was acknowledged before me this day of September, 2014 by Scott L Carlson.
Witness my hand and official seal.
My Commission Expires: 07/09/2016 JENNY L MOORE NOTARY PUBLIC NOTARY PUBLIC
STATE OF COLORADO NOTARY ID # 200004003852 MY COMMISSION EXPIRES FEBRUARY 09, 2016 NOTARY ID # 200004003852

STATE OF COLORADO)
COUNTY OF ADAMS)
The foregoing instrument was acknowledged before me this day of September, 2014 by Kent D. Carlson.
Witness my hand and official seal.
JENNY L MOORE NOTARY PUBLIC STATE OF COLORADO NOTARY ID # 200004003852 MY COMMISSION EXPIRES FEBRUARY 09, 2016 MY COMMISSION EXPIRES FEBRUARY 09, 2016
STATE OF FLORIDA) COUNTY OF repellas The foregoing instrument was acknowledged before me this Ham day of September, 2014 by Donna Fudge as Managing Member of Colorado Ventures I, LLC, a Florida limited liability company. Witness my hand and official seal.
CATHERINE LIGHTLE MY COMMISSION # EE 837800 EXPIRES: October 4, 2016 Bonded Thru Notary Public Underwriters Catherine Lightly Notary Public
COUNTY OF (Inclass) The foregoing instrument was acknowledged before me this day of September, 2014 by Donna Fudge as Managing Member of Colorado Ventures III, LLC, a Florida Ilmited liability company. Witness my hand and official seal.
My Commission Expires: CATHERINE LIGHTLE MY COMMISSION # EE 837800 EXPIRES: October 4, 2016 EXPIRES: October 4, 2016 Bonded Thru Notary Public Underwriters Notary Public

EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. _____ SHEET 6 OF 6

SCALE: 1" = 10"

-SW CORNER, SE 1/4 SEC. 5 NO. 6 REBAR W/ 3" A.C., L.S. 12405

> NW COR. SEC 9~ NO. 5 REBAR W/ 2.5" A.C. L.S. 29420

S. LINE SE 1/4 SEC. 5 S 89'07'56" W 2605.79' (BASIS OF BEARINGS)

POINT OF COMMENCING

POINT OF BEGINNING

PARCEL D2

103 S.F.
0.002 AC.
E

104 S.F.
0.002 AC.
E

105 S.F.
0.002 AC.
E

105 S.F.
0.002 AC.
E

106 S.F.
0.002 AC.
E

107 S.F.
0.002 AC.
E

108 S.F.
0.002 AC.
E

109 S.F.
0.00

HIGHWAY E-470

NOTE:
Denotes Change of Direction Only. This exhibit does not represent a monumented survey. It is intended only to depict the attached legal description.



Manhard

CONCULTING

7442 Buth Tuccon Wey, Sub 1904, Derbandol, CD 80112 ph303,708,0500 to 303,708,0400 menhandaan CMI Engineero • Survayors • Weber Resource Engineero • Weber & Westavator Engineero Construction Monogero • Environmental Scientista • Lendscape Architects • Planners

EXHIBIT A

COTTONWOOD HIGHLANDS METRO DISTRICT LGID NO. . SHEET 5 OF 6

PARCEL D2

A PARCEL OF LAND LOCATED IN THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 6 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF DOUGLAS, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 9, AND CONSIDERING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, TO BEAR SOUTH 89'07'56" WEST WITH ALL BEARINGS CONTAINED HEREIN BEING RELATIVE THERETO;

THENCE SOUTH 56'35'27" EAST, A DISTANCE OF 1498.58 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF HIGHWAY E-470 AND THE POINT OF BEGINNING;

THENCE NORTH 62'28'11" EAST, A DISTANCE OF 15.82 FEET;

THENCE SOUTH 27"31"49" EAST, A DISTANCE OF 13.00 FEET TO SAID NORTHERLY RIGHT-OF-WAY LINE;

THENCE NORTH 78'07'07" WEST, A DISTANCE OF 20.48 FEET ALONG SAID NORTHERLY RIGHT-OF-WAY LINE TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINING A CALCULATED AREA OF 103 SQUARE FEET OR 0.002 ACRES, MORE OR LESS.





7442 Oxich Tucton Wey, Suits 100A, Cartarnial CO 80119 ph/s003708.0500 he303708.0400 memberdatin
Chill Engineure • Suirvayora • Weber Resource Engineure • Weber & Westerwater Engineure
Construction Managora • Environmental Scientista • Landscape Architecta • Planters
Dwg Name: P: \Copico\dwg\Surv\Exhibits Surv\CAPKC3-District C3-DP.dwg Updated 8y: KChester

EXHIBIT D

Capital Plan



September 17, 2014

Tom Williams Town of Parker Public Works 20120 E. Mainstreet Parker, CO 80138

Cottonwood Highlands Metropolitan District Re:

Engineer's Certification

Dear Tom:

This letter is regarding the Cottonwood Highlands Metropolitan District formation. It is my opinion as District Engineer that there are adequate funds with \$6,162,818.41 to complete the Phase 1 Residential portion of this project as currently designed. It is my opinion as District Engineer that there are adequate funds with \$9,605,806.18 to complete the Phase 2 Residential portion of this project as currently being designed. It is my opinion as District Engineer that the Commercial District No. 2 and Future District Inclusion areas will require additional funding projections once those areas have been adequately designed.

It is my opinion the cost estimates are reasonable and that such estimates are based on Parker's construction standards as required by the Capital Plan provisions of the Service Plan.

Please contact me at (303) 708-0500 if you have any questions or need additional information.

Sincerely,

Manhard Consulting

Russell L. Burrows, P.E.

Cottonwood Highlands District Engineer

For and On Behalf of Manhard Consulting, Ltd

Scott Carlson, Carlson Associates, Inc. Cc:

Sean Allen, White Bear Ankele Tanaka & Waldron.

Menhard Consulting

7442 South Tucson Way, Suite 190-A . Centennial, Colorado 80112 tel: (303) 708-0500 • fax: (303) 708-0400 • www.manhard.com

ARIZONA · CALIFORNIA · COLORADO · ILLINDIS · INDIANA · NEVADA

Civil Engineering

Surveying

Water Resources Management

Water & Wastewater Engineering

Supply Chain Logistics

Construction Management

Environmental Sciences

Landscape Architecture

Land Planning



7442 South Tucson Way, Suite 190-A Centenntial, Colorado 80112

(303) 708-0500 Fax: (303) 708-0400

Metro District Infrastructure Cost Estimate Engineer's Preliminary Estimate of Anticipated Costs Exhibit 6 - Metro District No. 1 Cost Estimate

Job No.:

CAPKC3/CAPKC5

Date:

September 15, 2014

tem:		and the second s
Phase 1 Residential		\$6,162,818.41 \$385,240.00
xcavation		\$164,736.00
rosion Control		\$43,214.50
iignage and Striping		\$211,707.00
Sanitary Sewer		\$319,031.00
Water - Onsite		\$169,918.00
Water - Offsite		\$133,920.00
Local Storm Drainage		\$864,969.68
Local Streets - Curb, Gutter, Paving and Sidewalks	•	\$323,894.2
Regional Drainage		\$402,805.93
Cottonwood Drive - North One-half Including Median		
Jordan Road Widening		\$122,587.20
Cottonwood Drive East Widening		\$40,375.60
Traffic Signals (0.83 Signals)		\$220,780.0
Landscaping - Parks and Open space		\$571,194.0 \$73,224.0
Landscaping - Streetscape		
Irrigation - Parks and Open Space		\$199,917.9 \$39,663.0
rrigation - Streetscape		0.500,555
	Subtotal	\$4,287,178.0
2		\$643,076.7
Contingency (15%) Engr, Sur, Tstg, CM, Permits and Fees(25%)		\$1,232,563.6
engr, sur, istg, cwi, Ferning and Lees(2570)	rand Total	\$6,162,818.4
		age in the property of the first open will be for the control of
Phase 2 Residential	में भी है है है । इस से से स	\$9,605,806.1
Excavation		\$101,530.0
Erosion Control		\$160,848.0
Signage and Striping		\$34,892.5
Sanitary Sewer - Onsite		\$423,836.0
Sanitary Sewer - Offsite		\$311,025.0
Water - Onsite		\$393,643.0
Water - Offsite		\$199,891.0
Local Streets - Curb, Gutter, Paving and Sidewalks		\$2,074,296.0
Cottonwood Drive - North One-half Including Median		\$450,498.9
Chambers Road Accel Lane and Median Improvements		\$153,623.0
Traffic Signals (0.75 Signals)		\$199,500.0
Local Storm Drainage		\$272,681.0 \$379,060.0
Compark South Drainage Channel Improvements - Onsite		
2011pa11, 20011. 2		\$196,740.0
Compark South Detention/Water Quality Pond - Offsite		\$918,328.0
Compark South Detention/Water Quality Pond - Offsite Landscaping - Parks and Open space		¿50 500 (
Compark South Detention/Water Quality Pond - Offsite Landscaping - Parks and Open space Landscaping - Streetscape		
Compark South Detention/Water Quality Pond - Offsite Landscaping - Parks and Open space Landscaping - Streetscape . Irrigation - Parks and Open Space		\$321,414.
Compark South Detention/Water Quality Pond - Offsite Landscaping - Parks and Open space Landscaping - Streetscape		\$321,414.
Compark South Detention/Water Quality Pond - Offsite Landscaping - Parks and Open space Landscaping - Streetscape . Irrigation - Parks and Open Space	Subtotal	\$321,414.8 \$31,794.
Compark South Detention/Water Quality Pond - Offsite Landscaping - Parks and Open space Landscaping - Streetscape Irrigation - Parks and Open Space Irrigation - Streetscape	Subtotal	\$58,698.0 \$321,414.8 \$31,794. \$6,682,299.9 \$1,002,344.9
Compark South Detention/Water Quality Pond - Offsite Landscaping - Parks and Open space Landscaping - Streetscape . Irrigation - Parks and Open Space	Subtotal	\$321,414. \$31,794. \$6,682,299.



7442 South Tucson Way, Suite 190-A Centenntial, Colorado 80112 (303) 708-0500 Fax: (303) 708-0400

Metro District Infrastructure Cost Estimate Engineer's Preliminary Estimate of Anticipated Costs

Exhibit 7 - Metro District No. 2 Cost Estimate

Job No.:

CAPKC3/CAPKC5

Date:

September 15, 2014

Project Costs Summary		are a state growth of the company were
iltem:	ATELOGY (1995年) 1995年 1	Item Cost:
The second secon	inner i var i versi simmente in tratta. In som vikkat studstat i dit flist statistisk flist.	Grand data data data
District No. 2 Commercial		\$6,323,421.55
Excavation 13.5 Ac. @ 1.5 Ft. A	ve Cut @\$3.00/C.Y. (32,670 C.Y.)	\$385,240.00
Erosion Control	13.5 Ac. @ \$4000/Ac.	\$54,000.00
Sanitary Sewer		\$177,540.00
Water - Onsite		\$355,465.00
Water - Non-Potable		\$67,000.00
Local Storm Drainage		\$655,840.00
Apache Plume Drainage		\$1,059,300.00
Cottonwood Drive - South One-half Including Media	ın	\$262,214.55
Jordan Road Widening		\$205,900.00
Parkerhouse Rd Widening		\$113,034.00
Cottonwood Drive East Widening		\$156,448.40
Signage and Striping		\$12,310.00
Traffic Signals (2.9 Signals)		\$771,400.00
Landscaping - Streetscape	22,200 S.F. @ \$3.60/S.F.	\$79,920.00
Irrigation - Streetscape	22,200 S.F. @ \$1.95/S.F.	\$43,290.00
migation streetscape	•	
	Subtotal	\$4,398,901.95
Contingency (15%)		\$659,835.29
Engr, Sur, Tstg, CM, Permits and Fees(25%)		\$1,264,684.31
EIRE, Sur, 1stg, Civi, Fertillo and Fees(2570)	Grand Total	\$6,323,421.55



7442 South Tucson Way, Suite 190-A Centenntial, Colorado 80112 (303) 708-0500 Fax: (303) 708-0400

Metro District Infrastructure Cost Estimate Engineer's Preliminary Estimate of Anticipated Costs Exhibit 8 - Future District Inclusion Cost Estimate

Job No.:

Item Cost:

CAPKC3/CAPKC5

Date:

September 15, 2014

Project Costs Summary Item:

Future Inclusion Area		\$3,906,735.98
Excavation	5.0 Ac. @ 1.5 Ft. Ave Cut @\$3.00/C.Y. (12,167 C.Y.)	\$36,520.00
Erosion Control	5.5 Ac. @ \$4000/Ac.	\$22,000.00
Sanitary Sewer - Onsite		\$151,460.00
		6722 705 00

Water - Onsite	\$732,795.00
Water - Offsite	\$144,060.00
Lanceleaf Street	\$220,678.00
Cottonwood Drive - South One-half Including Median	\$524,108.38
Parkerhouse Road	\$216,846.00
Traffic Signals (0.75 Signals)	\$199,500.00
Local Storm Drainage	\$139,360.00
Compark South Drainage 48" RCP Imprmts - Onsite	\$90,400.00
Compark South Detention/W Q Pond - Onsite	\$129,002.00

Landscaping - Streetscape Irrigation - Streetscape	20,000 S.F. @ \$3.60/S.F. 20,000 S.F. @ \$1.95/S.F.	\$72,000.00 \$39,000.00
Contingency (15%)	Subtotal	\$2,717,729.38 \$407,659.41
Engr, Sur, Tstg, CM, Permits and Fees(25%)	Grand Total	\$781,347.20 \$3,906,735.98



7442 South Tucson Way, Suite 190-A Centenntial, Colorado 80112 (303) 708-0500 Fax: (303) 708-0400

Metro District Infrastructure Cost Estimate Engineer's Preliminary Estimate of Anticipated Costs Exhibit 9 - District Cost Estimate Summary

Job No.:

CAPKC3/CAPKC5

Date:

September 15, 2014

Metro District No. 1 Cost Estimate	\$15,768,624.59
Phase 1 Residential	\$6,162,818.41
Phase 2 Residential	\$9,605,806.18
Metro District No. 2 Cost Estimate	\$6,323,421.55
Future District Inclusion Cost Estimate	\$3,906,735.98

ROADWAY & DRAINAGE

				Estimated	
		F-W-stod		Unit	
Item		Estimated Quantity	Unit	Cost	Subtotal
Number	Item Description	Quantity	Offic	0031	0.0.0.
	VER SYSTEM IMPROVEMENTS				
Concolor Pla	ace to Det. Dond - Storm Lateral		Each	\$5,400.00	\$10,80
11	Type-R Inlet - 10'		Each	\$2,800.00	\$2,80
2	4' ID Storm Manhole		Each	\$3,200,00	\$3,20
3	5' ID Storm Manhole		Each	\$4,200.00	\$4,20
4	Type-D Inlet	206	L.F.	\$65.00	\$13,39
5	30" RCP	398	L.F.	\$40.00	\$15,92
6	[18" RCP			SUBTOTAL_	\$50,31
Larch Trail	to Det. Pond - Storm Lateral	3	Each	\$5,400.00	\$16,20
	Type-R Intet - 10'		Each	\$6,800.00	\$20,40
2	Type-R Inlet - 15'		Each	\$2,800.00	\$2,80
3	4' ID Storm Manhole		Each	\$3,200.00	\$6,4
4	5' ID Storm Manhole		Each	\$3,200.00	\$3,2
5	Type-C Inlet	418	L.F.	\$65.00	\$27,1
6	30" RCP	60	L.F.	\$52.00	\$3.1
7 8	24" RCP 18" RCP	108	L.F.	\$40.00	\$4,3
Caltanula	d Drive to Det. Pond - Storm Lateral			SUBTOTAL	
Louisiiwooi	Type-R Inlet - 10'	1	Each	\$5,400.00	\$5,4
	Type-R Inlet - 15'	1	Each	\$6,800.00	\$6.8
	5' ID Storm Manhole	2	Each	\$3,200.00	\$6,4
3		60	L.F.	\$65.00	
4	36" RCP	256	L.F.	\$52.00	\$13,3
4 5	36" RCP 42" RCP	256 256	L.F.	\$52.00 \$86.00	\$13,3 \$22,0
4 5 6	36" RCP 42" RCP 45" x 29" HERCP	256 256 36	L.F. L.F. L.F.	\$52.00 \$86.00 \$40.00	\$13,3 \$22,0 \$1,4
4 5 6 5	36" RCP 42" RCP 45" x 29" HERCP 18" RCP	256 256 36 8	L.F. L.F. L.F. C.Y.	\$52.00 \$86.00 \$40.00 \$75.00	\$13,3 \$22,0 \$1,4 \$6
4 5 6	36" RCP 42" RCP 45" x 29" HERCP	256 256 36	L.F. L.F. L.F.	\$52.00 \$86.00 \$40.00	\$13,3 \$22,0 \$1,4 \$6
4 5 6 5 5 6	36" RCP 42" RCP 45" x 29" HERCP 16" RCP 10' x 12' x 1.75' Rip Rap Blanket 16' x 12' x 1.75' Rip Rap Blanket	256 256 36 8 13	L,F. L,F. L,F. C,Y. C,Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00	\$13,3 \$22,0 \$1,4 \$6 \$9
4 5 6 5 5 6	36" RCP 42" RCP 45" x 29" HERCP 16" RCP 10' x 12' x 1.75' Rip Rap Blanket	256 256 36 8 13	L.F. L.F. C.Y. C.Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL_	\$13,3 \$22,0 \$1,4 \$6 \$9 \$60,8
4 5 6 5 5 6	36" RCP 42" RCP 45" x 29" HERCP 16" RCP 10" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket	256 256 36 8 13	L,F. L,F. C,Y. C,Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL \$6,500.00 \$105.00	\$13,3 \$22,0 \$1,4 \$6 \$5 \$60,8 \$61,7,1
4 5 6 5 5 6	36" RCP 42" RCP 45" x 29" HERCP 18" RCP 10" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole	256 256 36 8 13 13	L,F. L.F. L.F. C.Y. C.Y. L.F. L.F. L.F. L.F.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL_ \$6,500.00 \$105.00 \$40.00	\$13,3 \$22,0 \$1,4 \$6 \$60,6 \$61,7
4 5 6 5 5 6 Cottonwoo	36" RCP 42" RCP 45" x 29" HERCP 16" x 20" HERCP 10" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP	256 256 36 8 13 13	L,F. L,F. C,Y. C,Y. C,Y. Each L,F. L,F. Each	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL_ \$6,500.00 \$105.00 \$40.00 \$250.00	\$13,3 \$22,0 \$1,4 \$6 \$9 \$60,8 \$17,1 \$17,1
4 5 6 5 5 6 Cottonwoo 1 2 3	36" RCP 42" RCP 45" x 29" HERCP 16" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP	256 256 36 8 13 13	L,F. L.F. C.Y. C.Y. Each L.F. L.F. Each L.S.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$75.00 \$UBTOTAL \$6,500.00 \$105.00 \$40.00 \$250.00 \$6,500.00	\$13,3 \$22,0 \$1,4 \$6 \$60,8 \$60,8 \$17,7 \$5,5 \$2,5 \$6,5
4 5 6 5 5 6 Cottonwoo 1 2 3 4	36" RCP 42" RCP 45" x 29" HERCP 18" RCP 10" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP	256 256 36 8 13 13 163 23 1 1	L.F. L.F. C.Y. C.Y. Each L.F. L.F. L.F. L.F. L.F. L.F. L.S. L.S.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL \$6,500.00 \$105.00 \$40.00 \$250.00 \$6,500.00 \$8,300.00	\$13,3 \$22,0 \$1,4 \$6 \$5 \$60,8 \$17,1 \$5 \$6,5 \$17,1
4 5 6 5 5 6 Cottonwoo 1 2 3	36" RCP 42" RCP 45" x 29" HERCP 18" RCP 10" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP	256 256 36 8 13 13 163 23 1 1 1	L.F. L.F. C.Y. C.Y. Each L.F. L.F. Each L.F. L.S. L.S.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL \$6,500.00 \$105.00 \$40.00 \$250.00 \$6,500.00 \$8,300.00 \$10,000.00	\$13,3 \$22,0 \$1,4 \$6 \$5 \$60,8 \$17,1 \$5 \$2 \$6,5 \$8,3 \$10,0
4 5 6 5 5 6 Cottonwoo 1 2 3 4 5 5	36" RCP 42" RCP 42" RCP 45" x 29" HERCP 16" RCP 10" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP Type M Rip Rap Low Tallwater Basin	256 256 36 8 13 13 163 23 1 1 1 1 1 78	L,F. L,F. C,Y. C,Y. Each L,F. L,F. Each L,S. L,S. L,S. C,Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL \$6,500.00 \$105.00 \$40.00 \$250.00 \$8,300.00 \$10,000.00 \$75.00	\$13,3 \$22,0 \$1,4 \$6 \$9 \$60,8 \$17,1 \$5 \$2 \$6,5 \$17,1 \$5 \$17,1 \$5 \$6,5 \$17,1 \$5 \$6,5 \$17,1 \$6,5 \$6,5 \$6,5 \$6,5 \$6,5 \$6,5 \$6,5 \$6,5
4 5 6 5 5 6 Cottonwoo 1 2 3 4 5 5	36" RCP 42" RCP 42" RCP 45" x 29" HERCP 16" RCP 10" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP Type M Rip Rap Low Tallwater Basin	256 256 36 8 13 13 163 23 1 1 1	L.F. L.F. C.Y. C.Y. Each L.F. L.F. Each L.F. L.S. L.S.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL \$6,500.00 \$105.00 \$40.00 \$250.00 \$6,500.00 \$8,300.00 \$10,000.00	\$13,3 \$22,0 \$1,4 \$6 \$9 \$60,8 \$17,1 \$5 \$2 \$6,5 \$17,1 \$5 \$17,1 \$5 \$6,5 \$17,1 \$5 \$6,5 \$17,1 \$6,5 \$6,5 \$6,5 \$6,5 \$6,5 \$6,5 \$6,5 \$6,5
4 5 6 5 5 6 . Cottonwoo 1 2 3 4 5 5 6	36" RCP 42" RCP 45" x 29" HERCP 18" RCP 10' x 12' x 1.75' Rip Rap Blanket 16' x 12' x 1.75' Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP Type M Rip Rap Low Tailwater Basin 16' x 16' x 1.75' Type M Rip Rap Blanket	256 256 36 8 13 13 163 23 1 1 1 1 1 78	L,F. L,F. C,Y. C,Y. Each L,F. L,F. Each L,S. L,S. L,S. C,Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL \$6,500.00 \$105.00 \$40.00 \$250.00 \$8,300.00 \$10,000.00 \$75.00	\$13,3 \$22,0 \$1,4 \$6 \$9 \$60,8 \$17,1 \$9 \$2 \$6,5 \$8,3 \$10,0 \$5,8 \$1,2
4 5 6 5 5 6 . Cottonwoo 1 2 3 4 5 5 6	36" RCP 42" RCP 42" RCP 45" x 29" HERCP 16" x CP 10" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP Type M Rip Rap Low Teilwater Basin 16" x 16" x 1.75" Type M Rip Rap Blanket	256 256 36 8 13 13 14 163 23 11 1 1 1 78	Each L.F. Each L.F. C.Y. C.Y. C.Y. Each L.F. C.S. C.Y. C.Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$105.00 \$105.00 \$40.00 \$250.00 \$8,300.00 \$10,000.00 \$75.00 \$75.00	\$6.5 \$17.1 \$9 \$2 \$6.5 \$8.3 \$1.0 \$5.8 \$1.2
4 5 6 5 5 6 . Cottonwoo 1 2 3 4 5 5 6 6	36" RCP 42" RCP 45" x 29" HERCP 16" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP Type M Rip Rap Low Tailwater Basin 16" x 16" x 1.75" Type M Rip Rap Blanket South Channel Interim Improvements - Natural Channel Temporary Grade Control Structure	256 256 36 8 13 13 163 23 1 1 1 1 1 78 17	L,F. L,F. L,F. C,Y. C,Y. Each L,F. L,F. Each L,S. L,S. L,S. C,Y. C,Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$105.00 \$40.00 \$105.00 \$40.00 \$550.00 \$8,300.00 \$10,000.00 \$75.00 \$75.00	\$13,3 \$22,0 \$1,4 \$6 \$9 \$60,8 \$17,1 \$9 \$2 \$6,5 \$8,3 \$10,0 \$5,8 \$1,2
4 5 6 5 5 6 . Cottonwoo 1 2 3 4 5 5 6 6 	36" RCP 42" RCP 45" x 29" HERCP 16" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP 18" RCP CDOT Concrete Headwall for 48" RCP CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP Type M Rip Rap Low Tailwater Basin 16" x 16" x 1.75" Type M Rip Rap Blanket South Channel Interim Improvements - Natural Channel Temporary Grade Control Structure NRCS Pond Emergency Overflow	256 256 36 8 13 13 163 23 1 1 1 1 1 78 17	Each L.F. L.F. C.Y. C.Y. Each L.F. L.S. L.S. C.Y. C.Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$105.00 \$105.00 \$40.00 \$250.00 \$8,300.00 \$10,000.00 \$75.00 \$10,000.00	\$13,3 \$22,0 \$1,4 \$6 \$9 \$60,8 \$17,1 \$5 \$2 \$6,5 \$8,3 \$110,0 \$56,8 \$1,2 \$56,7
4 5 6 5 5 6 . Cottonwoo 1 2 3 4 5 5 6 6 	36" RCP 42" RCP 45" x 29" HERCP 16" x 12" x 1.75" Rip Rap Blanket 16" x 12" x 1.75" Rip Rap Blanket d Drive Compark South Channel - Storm Lateral Box Base Storm Manhole 48" RCP 18" RCP 18" RCP 18" RCP 18" RCP Temporary Plug CDOT Concrete Headwall for 48" RCP CDOT Concrete Rightside Wingwall for 48" RCP CDOT Concrete Leftside Wingwall for 48" RCP Type M Rip Rap Low Tailwater Basin 16" x 16" x 1.75" Type M Rip Rap Blanket South Channel Interim Improvements - Natural Channel Temporary Grade Control Structure	256 256 36 8 13 13 163 23 1 1 1 1 1 78 17	L,F. L,F. L,F. C,Y. C,Y. Each L,F. L,F. Each L,S. L,S. L,S. C,Y. C,Y.	\$52.00 \$86.00 \$40.00 \$75.00 \$75.00 \$UBTOTAL \$6,500.00 \$105.00 \$40.00 \$5,500.00 \$6,500.00 \$10,000.00 \$75.00 \$75.00 \$10,000.00 \$75.00	\$13,3 \$22,0 \$1,4 \$6 \$6 \$60,8 \$60,8 \$17,1 \$5 \$6,5 \$11,2 \$56,7 \$56,7

Cottonwood Highlands Filing No. 1A

Engineer's Estimate of Roadway and Drainage Improvement Infrastructure

		Por	

1	Type M Soil Rip Rap (Overflow Wier)	44	C.Y.	\$70.00	\$3,080
	Concrete Cutoff Weir Wall	11	C,Y.	\$350.00	\$3,850
3	Trickle Channel (5.0' Wide x 6" Thick)	808	L.F.	\$40.00	\$32,320
4	Maint, Trail 8" Thick (3"-4" Crushed Granite/Cl. 6 Mat'l, 10' Wide)	80	S.Y.	\$24.00	\$1,920
5	10' Wide Concrete Maint, Trail - 6" Thick	6,220	S.F.	\$4.40	\$27,368
5	Reinforced Concrete (NW Forebay)	1	L.S.	\$4,550.00	\$4,550
6	Reinforced Concrete (NE Forebay)	1	L.S.	\$4,550.00	\$4,550
7	Reinforced Concrete (SE Forebay)	1	L.S.	\$9,100.00	\$9,100
8	Reinforced Concrete (SW Forebay)	1	L.S.	\$7,000.00	\$7,000
6	Micro Pool Bottom and Chamber	5	C.Y.	\$500.00	\$2,500
7	Outlet Structure Including Grates & Outlet Plates	1	L.S.	\$8,500.00	\$8,500
8	Detailed Pond Grading	20,000	S.Y.	\$0.75	\$15,000
9	Place 4-inch Thickness Topsoil over entire pond area	2,222,22	C.Y.	\$2.80	\$6,222
10	Permanent Seeding and Mulch	4.25	Acre	\$2,500.00	\$10,625
11	Temporary Irrigation	2.55	Acre	\$10,000.00	\$25,500

Note: Permanent Imigation is planned for the Park/Open Space, therefore, is not included in this cost estimate.

SUBTOTAL \$162,085

STORM SEWER SYSTEM IMPROVEMENTS SUBTOTAL

\$457,814

II. STREET IMPROVEMENTS

A. Cottonwood Drive (North half construction)

1	Subgrade Preparation (2' Behind Back of Curb)	7,900	S,Y.	\$1.80	\$14,220
2	Asphalt Pavement (9-Inch Full Depth)	6,432	S.Y.	\$36.00	\$231,552
3	Curb & Gutter (2' Gutter x 6" Vertical Curb)	1,500	L.F.	\$14.00	\$21,000
4	Sidewalk Subgrade Preparation (1' each side of walk)	1,167	S.Y.	\$1.80	\$2,101
5	6-inch thick x 5-feet Wide Concrete Sidewalk	7,500	S.F.	\$4.40	\$33,000
6	Concrete Curb Ramp	3	Each	\$3,200.00	\$9,600
7	Mid-block Handicap Ramp	1	Each	\$2,280.00	\$2,280
8	Truncated Domes (2' x 4' Panels)	3	Each	\$750.00	\$2,250
9	Back of curb trench drain	1,700	L.F.	\$18.00	\$30,600
10	Four-feet wide by eight-inch thick aggregate base shoulder	1,500	L.F.	\$5.00	\$7,500

SUBTOTAL \$354,103

B. Jordan Road Widening

B, Jorgan Road					
1	Subgrade Preparation (2' Behind Back of Curb)	2,322	S.Y.	\$1.80	\$4,180
2	Asphalt Pavement (9-inch Full Depth)	1,881	S.Y.	\$36.00	\$67,716
3	Curb & Gutter (2' Gutter x 6" Vertical Curb)	915	L.F.	\$14.00	\$12,810
4	Sidewalk Subgrade Preparation (1' each side of walk)	712	S.Y.	\$1.80	\$1,282
5	6-inch thick x 5-feet Wide Concrete Sidewalk	4,575	S,F.	\$4.40	\$20,130
6	Back of curb trench drain	915	L.F.	\$18.00	\$16,470

SUBTOTAL \$122,587

4	Drive (East) Widening Sawcut Existing Asphalt	444	L.F.	\$1.80	
1	Subgrade Preparation (includes 4-foot shoulder)	923	S.Y.	\$1.80	
2	Asphalt Pavement (9-inch Full Depth)	720	S.Y.	\$36.00	\$25
3	Curb & Gutter (2' Gutter x 6" Vertical Curb)	64	L.F.	\$14.00	
<u>4</u> _	2" Mill	316	S.Y.	\$4.00	\$1
6	2" HBP Overlay	316	S.Y.	\$11.00	\$3
7	Sidewalk Subgrade Preparation (1' each side of walk)	30	S.Y.	\$1.80	
	6-inch thick x 5-feet Wide Concrete Sidewalk	175	S.F.	\$4.40	
8	Concrete Curb Ramp	1	Each	\$3,200.00	\$3
9	Truncated Domes (2' x 4' Panels)		Each	\$750.00	
10	Four-feet wide by eight-inch thick aggregate base shoulder	317	L.F.	\$5.00	\$1
				SUBTOTAL	\$40
er Drive		150	S.Y.	\$1.50	
1	Sawcut existing asphalt	100	L.F.	\$15.00	\$1
2	Remove Existing Curb, Gutter and Attached Sidewalk	1,054	S.Y.	\$1.80	\$1
3	Subgrade Preparation (2' Behind Back of Curb)	924	S.Y.	\$24.00	\$22
4	Asphalt Pavement (8-inch Full Depth)	260	L.F.	\$14.00	<u> </u>
5	Curb & Gutter (2' Gutter x 6" Vertical Curb)	205	S.Y.	\$1.80	Ψ
6	Sidewalk Subgrade Preparation (1' each side of walk)	1,300	S.F.	\$4.40	\$5
7	6-Inch thick x 5-feet Wide Concrete Sidewalk	1,300	Each	\$750.00	\$
8	Truncated Domes (2' x 4' Panels)	80	S.Y.	\$75.00	\$6
9	8' Concrete Cross Pan & Curb Return aprons		3.1.	\$10,00	φι
rch Trail		1,700	S.Y.	\$1,80	
1	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth)	1,307	5.Y.	\$24.00	\$31
1	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb)	1,307 711	S.Y. L.F.	\$24.00 \$13.00	\$31 \$9
1 2 3	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidawalk Subgrade Preparation (1' each side of walk)	1,307 711 567	S.Y. L.F. S.Y.	\$24.00 \$13.00 \$1.80	\$3: \$9
1	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-Inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk	1,307 711 567 3,645	S.Y. L.F. S.Y. S.F.	\$24.00 \$13.00 \$1.80 \$4.40	\$3° \$9 \$16
1 2 3 4	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-Inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk	1,307 711 567 3,645 80	S.Y. L.F. S.Y. S.F. S.Y.	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00	\$3° \$9 \$10 \$10
1 2 3 4 5	Subgrade Preparation (2" Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2" Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1" each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8" Concrete Cross Pan & Curb Return aprons Mid-block Handlcap Ramp	1,307 711 567 3,645 80	S.Y. L.F. S.Y. S.F. S.Y. Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00	\$37 \$9 \$1 \$16 \$6
1 2 3 4 5 6	Subgrade Preparation (2" Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2" Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1" each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8" Concrete Cross Pan & Curb Return aprons Mid-block Handlcap Ramp	1,307 711 567 3,645 80	S.Y. L.F. S.Y. S.F. S.Y.	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00	\$3° \$\$ \$10° \$10° \$5° \$5°
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidawalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	1,307 711 567 3,645 80	S.Y. L.F. S.Y. S.F. S.Y. Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00	\$3° \$5° \$16 \$6 \$6° \$6° \$6°
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	1,307 711 567 3,645 80 1	S.Y. L.F. S.Y. S.F. S.Y. Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00	\$3: \$5: \$16: \$6: \$5: \$7:
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	1,307 711 567 3,645 80 1 3	S.Y. L.F. S.Y. S.F. S.Y. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00	\$3: \$5: \$1: \$1: \$6: \$5: \$7:
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth)	1,307 711 567 3,645 80 1 3	S.Y. L.F. S.Y. S.F. S.Y. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$UBTOTAL	\$3 \$1 \$1 \$1 \$5 \$5 \$7 \$7
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb)	1,307 711 567 3,645 80 1 3	S.Y. L.F. S.Y. S.F. S.Y. Each Each S.Y. S.Y. L.F.	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 SUBTOTAL \$1.80 \$24.00 \$13.00	\$33 \$9 \$1 \$11 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk)	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597	S.Y. L.F. S.Y. S.F. S.Y. Each Each Lach Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y.	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 SUBTOTAL \$1.80 \$24.00 \$13.00 \$1.80	\$3 \$1 \$1 \$1 \$5 \$7 \$7 \$3 \$3 \$3
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597 3,840	S.Y. L.F. S.Y. S.F. S.Y. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 SUBTOTAL \$1.80 \$24.00 \$1.80 \$1.80 \$4.40	\$33 \$15 \$11 \$15 \$5 \$70 \$33 \$33 \$34 \$5
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597	S.Y. L.F. S.Y. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. L.F. S.Y. S.F. Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$UBTOTAL \$1.80 \$24.00 \$1.80 \$4.40 \$1,980.00	\$33 \$15 \$11 \$15 \$5 \$70 \$33 \$33 \$34 \$5
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597 3,840	S.Y. L.F. S.Y. S.F. S.Y. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 SUBTOTAL \$1.80 \$24.00 \$1.80 \$1.80 \$4.40	\$
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597 3,840	S.Y. L.F. S.Y. S.F. S.Y. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 SUBTOTAL \$1.80 \$24.00 \$1.80 \$1.80 \$4.40	\$3 \$ \$1 \$ \$ \$7 \$7 \$3 \$3 \$3 \$3
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597 3,840 1	S.Y. L.F. S.Y. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. L.F. S.Y. L.F. S.Y. S.F. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$UBTOTAL \$1.80 \$24.00 \$13.00 \$1.80 \$4.40 \$1,980.00 \$750.00	\$3 \$1 \$11 \$ \$ \$7 \$3 \$3 \$3 \$3 \$3
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597 3,840 1	S.Y. L.F. S.Y. Each Each S.Y. L.F. S.Y. S.Y. S.Y. S.Y. L.F. S.Y. L.F. S.Y. S.F. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$UBTOTAL \$1.80 \$24.00 \$13.00 \$1.80 \$4.40 \$1,980.00 \$750.00	\$33 \$45 \$110 \$5 \$5 \$70 \$33 \$310 \$70 \$70 \$70 \$70 \$70 \$70 \$70 \$70 \$70 \$7
1 2 3 4 5 6 7 8 mcolor L 1 2 3 4 5 6 7 7 mcolor P 1 2	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597 3,840 1 1 1	S.Y. L.F. S.Y. Each Each S.Y. S.Y. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.F. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$UBTOTAL \$1.80 \$24.00 \$13.00 \$1.980.00 \$750.00 \$UBTOTAL	\$31 \$5 \$1 \$15 \$1 \$5 \$7 \$7 \$31 \$31 \$5 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	1,307 711 567 3,645 80 1 1,976 1,520 768 597 3,840 1 1 1 1,542 1,269 570	S.Y. L.F. S.Y. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.F. Each Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$UBTOTAL \$1.80 \$24.00 \$13.00 \$1,980.00 \$750.00 \$180 \$24.00 \$1,980.00 \$750.00	\$3 \$3 \$1 \$1 \$5 \$5 \$7 \$3 \$3 \$1 \$1 \$5 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	1,307 711 567 3,645 80 1,33 1,976 1,520 768 597 3,840 1 1 1,542 1,269 570 443	S.Y. L.F. S.Y. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. L.F. S.Y. S.Y. S.Y. L.F. S.Y. S.Y. S.Y. S.Y. S.F. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$UBTOTAL \$1.80 \$24.00 \$1,980.00 \$1,980.00 \$750.00 \$UBTOTAL \$1,980.00 \$750.00 \$1,980.00 \$750.00 \$1,980.00	\$3 \$3 \$1 \$1 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$1 \$1 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) **Tace Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) Sidewalk Subgrade Preparation (1' each side of walk) Sidewalk Subgrade Preparation (1' each side of walk)	1,307 711 567 3,645 80 1 1,976 1,520 768 597 3,840 1 1 1 1,542 1,269 570 443 2,850	S.Y. L.F. S.Y. Each Each S.Y. S.Y. S.Y. L.F. S.Y. L.F. S.Y. L.F. S.Y. S.F. Each Each S.Y. S.F. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$1,980.00 \$750.00 \$1.80 \$24.00 \$13.00 \$1,980.00 \$750.00 \$1,980.00 \$750.00 \$1,980.00 \$750.00 \$1,980.00	\$33 \$3 \$11 \$3 \$3 \$33 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3
1 2 3 4 5 6 7 8 mcolor L 2 3 4 4 5 6 7 7 mcolor P 1 2 3 4 4 5 5 6 6 7 7	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) **Iace Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4' Panels) **Iace Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4' Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons	1,307 711 567 3,645 80 1 3 1,976 1,520 768 597 3,840 1 1 1 1,542 1,269 570 443 2,850 80	S.Y. L.F. S.Y. Each Each S.Y. S.Y. Each Each S.Y. S.Y. L.F. S.Y. S.F. Each Each S.Y. S.F. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$UBTOTAL \$1.80 \$24.00 \$13.00 \$1.80 \$4.40 \$1,980.00 \$750.00 \$UBTOTAL \$1.80 \$4.40 \$1,980.00 \$750.00 \$1.80 \$24.00 \$750.00	\$33 \$31 \$5 \$11 \$5 \$33 \$33 \$11 \$33 \$31 \$31 \$31 \$31 \$31 \$31
1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk 8' Concrete Cross Pan & Curb Return aprons Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) ane Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels) **Tace Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (7-inch Full Depth) Curb & Gutter (2' Gutter x 4" Mountable Curb) Sidewalk Subgrade Preparation (1' each side of walk) Sidewalk Subgrade Preparation (1' each side of walk) Sidewalk Subgrade Preparation (1' each side of walk)	1,307 711 567 3,645 80 1 1,976 1,520 768 597 3,840 1 1 1 1,542 1,269 570 443 2,850	S.Y. L.F. S.Y. Each Each S.Y. S.Y. S.Y. L.F. S.Y. L.F. S.Y. L.F. S.Y. S.F. Each Each S.Y. S.F. Each Each	\$24.00 \$13.00 \$1.80 \$4.40 \$75.00 \$1,980.00 \$750.00 \$1,980.00 \$750.00 \$1.80 \$24.00 \$13.00 \$1,980.00 \$750.00 \$1,980.00 \$750.00 \$1,980.00 \$750.00 \$1,980.00	\$33 \$3 \$11 \$3 \$3 \$33 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3

	Subgrade Preparation (2' Behind Back of Curb)	5,844	S.Y.	\$1.80	\$10,5
2	Asphalt Pavement (7-inch Full Depth)	4,518	S.Y.	\$24,00	\$108,4 \$27,3
3	Curb & Gutter (2' Gutter x 4" Mountable Curb)	2,100	L.F.	\$13.00	\$21,3 \$2,9
4	Sidewalk Subgrade Preparation (1' each side of walk)	1,633	S.Y.	\$1.80	\$46,2
5	6-inch thick x 5-feet Wide Concrete Sldewalk	10,500	S.F.	\$4.40	\$24,0
6	8' Concrete Cross Pan & Curb Return aprons	320	S.Y.	\$75.00 \$1,980.00	\$5.9
7	Mid-block Handicap Ramp	3	Each Each	\$750.00	\$11,2
8	Truncated Domes (2' x 4' Panels)	15	Each	\$750.001	Ψ11,2
				SUBTOTAL	\$236,
/ball Wa	у	1,805	S.Y.	\$1.80	\$3,3
1	Subgrade Preparation (2' Behind Back of Curb)	1,402	S.Y.	\$24.00	\$33,
2	Asphalt Pavement (7-inch Full Depth)	648	L.F.	\$13.00	\$8.
3	Curb & Gutter (2' Gutter x 4" Mountable Curb)	504	S.Y.	\$1.80	- 5
4	Sidewalk Subgrade Preparation (1' each side of walk)	3,240	S.F.	\$4.40	\$14,
5	6-inch thick x 5-feet Wide Concrete Sidewalk			SUBTOTAL	\$60,
safras C	ourt		- 24	64.00	£2
1	Subgrade Preparation (2' Behind Back of Curb)	1,623	S,Y.	\$1.80	\$2 \$53,
2	Asphalt Pavement (7-inch Full Depth)	2,224	S.Y.	\$24.00 \$13.00	\$33, \$7,
3	Curb & Gutter (2' Gutter x 4" Mountable Curb)	590	L.F.	\$13.00	<u> </u>
4	Sidewalk Subgrade Preparation (1' each side of walk)	459	S.Y.	\$1.60	\$12
5	6-inch thick x 5-feet Wide Concrete Sidewalk	2,950	S.F.	54,40	\$12
				SUBTOTAL	· \$77
	B4 . 4				
nceleaf S	Street Subgrade Preparation (2' Behind Back of Curb)	1,122	S.Y.	\$1.80	
1	Subgrade Preparation (2' Behind Back of Curb)	863	S.Y.	\$24.00	\$20
2	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb)	863 495	S.Y. L.F.	\$24.00 \$14.00	\$20 \$6
2 3	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	863 495 400	S.Y. L.F. S.Y.	\$24.00 \$14.00 \$1.80	\$20 \$6
2	Subgrade Preparation (2' Behind Back of Curb) Asphalt Payement (8-inch Full Depth)	863 495	S.Y. L.F.	\$24.00 \$14.00	\$20 \$6
1 2 3 4	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	863 495 400	S.Y. L.F. S.Y.	\$24.00 \$14.00 \$1.80	\$20 \$6 \$11
1 2 3 4	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	863 495 400 2,565	S.Y. L.F. S.Y. S.F.	\$24.00 \$14.00 \$1.80 \$4.40	\$20 \$6 \$11 \$41
1 2 3 4 . 5	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING	863 495 400 2,565 STREET !	S.Y. L.F. S.Y. S.F.	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL	\$20 \$6 \$11 \$41 \$1,181
1 2 3 4 . 5	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-loch White Enoxy Pavement Marking	863 495 400 2,565 STREET 1	S.Y. L.F. S.Y. S.F.	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTALNTS SUBTOTAL	\$20 \$6 \$11 \$41 \$1,181
1 2 3 4 5	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking	863 495 400 2,565 STREET 1	S.Y. L.F. S.Y. S.F. MPROVEME	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL	\$20 \$6 \$11 \$41 \$1,181
1 2 3 4 5 5	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median	863 495 400 2,565 STREET 0 6,026 3,556 58	S.Y. L.F. S.Y. S.F. MPROVEME	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$1.00	\$20 \$6 \$11 \$41 \$1,181 \$42 \$42 \$44 \$44 \$44 \$44 \$44 \$44 \$44 \$44
1 2 3 4 5	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk	863 495 400 2,565 STREET (6,026 3,556 58 410	S.Y. L.F. S.Y. S.F. MPROVEME	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$1.00 \$10.00	\$20 \$6 \$11 \$41 \$1,181 \$2 \$4
1 2 3 4 5 5 GNAGE 4 1 2 3 4 5	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Ber	863 495 400 2,565 STREET: 6,026 3,556 58 410	S.Y. L.F. S.F. S.F. MPROVEME	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$0.75 \$1.00 \$10.00	\$20 \$6 \$11 \$41 \$1,181 \$42 \$4 \$2
1 2 3 4 5 5 GNAGE 4 1 2 3 4 5 6	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Ber Thermoplastic Turn Arrow	863 495 400 2,565 STREET !	S.Y. L.F. S.Y. S.F. MPROVEME L.F. L.F. S.Y. L.F. L.F. Each	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$10.00 \$10.00 \$200.00	\$20 \$6 \$11 \$41 \$1,181 \$4 \$2 \$2 \$2 \$2 \$1
1 2 3 4 5 5 GNAGE (1 2 3 4 5 6 7	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Bar Thermoplastic Turn Arrow "No Outlet' Sign	863 495 400 2,565 STREET 1 6,026 3,556 58 410 172 13	S.Y. L.F. S.Y. S.F. MPROVEME L.F. L.F. S.Y. L.F. Each Each	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$1.00 \$10.00 \$200.00 \$250.00	\$20 \$6 \$11 \$41 \$1,181 \$4 \$2 \$2 \$4 \$2 \$2 \$2 \$1
1 2 3 4 5 5 GNAGE 4 1 2 3 4 5 6 7 8	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Ber Thermoplastic Turn Arrow "No Outlet" Sign "Right Lane Must Turn Right" Sign	863 495 400 2,565 STREET 1 6,026 3,556 58 410 172 13 4	S.Y. L.F. S.Y. S.F. MPROVEME L.F. L.F. L.F. L.F. L.F. Each Each Each	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$10.00 \$10.00 \$200.00 \$250.00	\$20 \$6 \$111 \$41 \$1,181 \$4 \$2 \$4 \$2 \$1 \$1,181
1 2 3 4 5 5 GNAGE 1 2 3 4 5 6 7 8 9	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Ber Thermoplastic Turn Arrow "No Outlet" Sign "Right Lane Must Turn Right" Sign Stop Signs w/Street Name	863 495 400 2,565 STREET (6,026 3,556 58 410 172 13 4 4 2	S.Y. L.F. S.Y. S.F. MPROVEME L.F. L.F. L.F. L.F. Each Each Each Each	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$1.00 \$10.00 \$10.00 \$200.00 \$250.00 \$250.00	\$20 \$6 \$11 \$41 \$1,181 \$4 \$1,181 \$4 \$2 \$2 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1
1 2 3 4 5 5 6 7 8 9	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Bar Thermoplastic Turn Arrow "No Outlet" Sign "Right Lane Must Turn Right" Sign Stop Signs w/Street Name Yield Sign	863 495 400 2,565 STREET: 6,026 3,556 58 410 172 13 4 2 9	S.Y. L.F. S.F. MPROVEME L.F. L.F. L.F. L.F. L.F. L.F. Each Each Each Each Each	\$24.00 \$14.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$1.00 \$10.00 \$200.00 \$250.00 \$250.00 \$500.00	\$20 \$6 \$11 \$41 \$1,181 \$4 \$2 \$2 \$3 \$4 \$4 \$4 \$4
1 2 3 4 5 5 6 7 8 9 10 11	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Ber Thermoplastic Turn Arrow "No Outlet" Sign "Right Lane Must Turn Right" Sign Stop Signs w/Street Name Yield Sign "Speed Limit 25" Sign	6,026 3,556 5TREET 1 6,026 3,556 58 410 172 13 4 2 9 1	S.Y. L.F. S.Y. S.F. MPROVEME L.F. L.F. L.F. L.F. Each Each Each Each Each Each Each Each	\$24.00 \$14.00 \$14.00 \$4.40 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$1.00 \$10.00 \$200.00 \$250.00 \$500.00 \$500.00 \$250.00	\$20 \$6 \$11 \$41 \$1,181 \$4 \$2 \$2 \$4 \$1 \$2 \$2 \$2 \$2 \$4 \$2 \$4 \$2 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4
1 2 3 4 5 5 GNAGE (1 2 3 4 5 6 7 8 9 10 11 12	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Bar Thermoplastic Turn Arrow "No Outlet" Sign "Right Lane Must Turn Right" Sign Stop Signs w/Street Name Yield Sign "Speed Limit 25" Sign "Speed Limit 25" Sign "Speed Limit 35" Sign	863 495 400 2,565 STREET 1 6,026 3,556 58 410 172 13 4 2 9 1 1	S.Y. L.F. S.Y. S.F. MPROVEME L.F. L.F. S.Y. L.F. Each Each Each Each Each Each Each Each	\$24.00 \$14.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL \$0.75 \$0.75 \$1.00 \$10.00 \$200.00 \$250.00 \$250.00 \$500.00	\$20 \$6 \$11 \$41 \$1,181 \$4 \$2 \$2 \$4 \$2 \$4 \$2 \$4 \$2 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4
1 2 3 4 5 5 6 7 8 9 10 11 12 13	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Ber Thermoplastic Turn Arrow "No Outlet" Sign "Right Lane Must Turn Right" Sign Stop Signs w/Street Name Yield Sign "Speed Limit 25" Sign "Speed Limit 35" Sign "Road Closed" Sign "Road Closed" Sign	863 495 400 2,565 STREET 1 6,026 3,556 58 410 172 13 4 2 9 1 1 1	S.Y. L.F. S.Y. S.F. MPROVEME L.F. L.F. S.Y. L.F. Each Each Each Each Each Each Each Each	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL *00.75 \$0.75 \$1.00 \$10.00 \$200.00 \$250.00 \$500.00 \$500.00 \$250.00 \$250.00	\$20 \$6 \$111 \$41 \$1,181 \$4 \$2 \$2 \$4 \$1 \$2 \$1
1 2 3 4 5 5 6 7 8 9 10 11 12	Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (8-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk AND STRIPING 8-inch White Epoxy Pavement Marking 4-inch Double Yellow Epoxy Pavement Marking Painted Median 2'x10' Crosswalk 12' Stop Bar Thermoplastic Turn Arrow "No Outlet" Sign "Right Lane Must Turn Right" Sign Stop Signs w/Street Name Yield Sign "Speed Limit 25" Sign "Speed Limit 25" Sign "Speed Limit 35" Sign	863 495 400 2,565 STREET 1 6,026 3,556 58 410 172 13 4 2 9 1 1	S.Y. L.F. S.Y. S.F. MPROVEME L.F. L.F. S.Y. L.F. Each Each Each Each Each Each Each Each	\$24.00 \$14.00 \$1.80 \$4.40 SUBTOTAL NTS SUBTOTAL *0.75 \$0.75 \$10.00 \$10.00 \$200.00 \$250.00 \$500.00 \$500.00 \$250.00 \$250.00 \$250.00	\$2 \$20 \$6 \$11 \$41 \$1,181 \$4 \$2 \$2 \$3 \$4 \$1 \$4 \$2 \$3 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4

PUBLIC IMPROVEMENTS SUBTOTAL

\$1,678,422

MOBILIZATIO	ON:		
11	Mobilization @ 5%		\$83,921
SURVEYING			
1	Surveying @ 3%		\$50,353
2011070110	TON MANAGERS / TESTING.		
CONSTRUC	TION MANAGEMENT / TESTING:		\$201,411
1	Construction Management / Testing @ 12%		<u> </u>
CONTINGEN	ICY:		
1	Contingency @ 10%		\$167,842
		SUBTOTAL_	\$503,527
		ROADWAY AND DRAINAGE IMPROVEMENTS TOTAL_	\$2,181,949
	SIA SUBSTV = 148% of	ROADWAY AND DRAINAGE IMPROVEMENTS TOTAL	\$2,400,144

The opinion of probable construction costs for Cottonwood Highlands Filing No. 1A was based on approximate quantity estimates for general Earthwork, utility work, concrete structural work, revegetation, and miscellaneous work based on the Final Construction Plans Prepared by Manhard Consulting, latest revision dated June 2014.

Quantities were multiplied by current construction industry prices.

The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

Cottonwood Highlands Filing No. 1A Engineer's Estimate of Water Improvement Infrastructure

item Number					
Number		Estimated		Estimated Unit	
Mailinei	Item Description	Quantity	Unit	Cost	Subtotal
NSITE W	ATER IMPROVEMENTS - Azalea Avenue				
1	12In PVC Water Main	767	L.F.	\$54.00	\$41,41
2	12in Tee w/ Kick Block	1	Each	\$540.00	\$540
3	12in Gate Valve and Box	3	Each	\$1,450.00	\$4,350
4	12in - 11.25 Degree Bends w/ Kick Block	1	Each	\$525.00	\$52
5	12in Mega Deflection Coupling	1	Each	\$425.00	\$42
- 6 -	12in X 6in Tee w/ Klck Block	1	Each	\$550.00	\$55
7	8in PVC Water Main	317	L.F.	\$36.00	\$11,41
8	8in Tee w/ Kick Block	1	Each	\$425.00	\$42
9	8in Gate Valve and Box	2	Each	\$1,250.00	\$2,50
10	8in Plug w/ 2in Blow Off	1	Each	\$550.00	\$55
11	I8in X 4in Reducer	1	Each	\$275.00	\$27
12	4in PVC Water Main	315	L.F.	\$30.00	\$9,45
13	4in Gate Valve and Box	1	Each	\$1,000.00	\$1,00
	4in Plug w/ 2in Blow Off		Each	\$500.00	\$50
14			Each	\$400.00	\$40
15	4in - 90 Degree Bend w/ Klck Block		Each	\$3,800.00	\$3,80
16	Std. Fire Hydrant Assy. w/ 6in Gate Valve		Each		
				SUBTOTAL_	\$78,12
NSITE W	ATER IMPROVEMENTS - Acer Drive			,	
1	12in PVC Water Main	342	L.F.	\$54.00	\$18,46
2	12in Tee w/ Kick Block	1	Each	\$540.00	\$54
3	12in Gate Valve and Box	2	Each	\$1,450.00	\$2,90
4	12in - 11.25 Degree Bends w/ Kick Block	2	Each	\$525.00	\$1,05
5	12in Mega Deflection Coupling	1	Each	\$425.00	\$42
6	12in X 6in Tee w/ Kick Block	11	Each	\$550.00	\$55
7	Std. Fire Hydrant Assy. w/ 6in Gate Valve	1	Each	\$3,800.00	\$3,80
				SUBTOTAL_	\$27,73
					4 1
NSITE W	ATER IMPROVEMENTS - Larch Trail				
NSITE W	ATER IMPROVEMENTS - Larch Trail	433	L.F.	\$54.00	
1	12in PVC Water Main	433	L.F. Each	\$54.00 \$540.00	\$23,38
1 2	12in PVC Water Main 12in Tee w/ Kick Block			\$540.00	\$23,38 \$54
1 2 3	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box	1	Each	\$540.00 \$1,450.00	\$23,38 \$54 \$1,45
1 2 3 4	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block	1	Each Each Each	\$540.00 \$1,450.00 \$525.00	\$23,38; \$54 \$1,45 \$52
1 2 3 4 5	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block	1 1	Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00	\$23,38 \$54 \$1,45 \$52 \$52
1 2 3 4 5	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main	1 1 1 1 1 36	Each Each Each Each L.F.	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00	\$23,38: \$54 \$1,45: \$52 \$52 \$1,29:
1 2 3 4 5 6 7	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer	1 1 1 1 36	Each Each Each Each L.F. Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29
1 2 3 4 5 6 7 8	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box	1 1 1 1 36 1	Each Each Each L.F. Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25
1 2 3 4 5 6 7 8	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off	1 1 1 1 36 · 1	Each Each Each L.F. Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$550.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55
1 2 3 4 5 6 7 8 9	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling	1 1 1 36 1 1	Each Each Each Each L.F. Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$550.00 \$425.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55 \$42
1 2 3 4 5 6 7 8	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off	1 1 1 1 36 · 1	Each Each Each L.F. Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$550.00 \$425.00 \$600.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55 \$42 \$60
1 2 3 4 5 6 7 8 9	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling	1 1 1 36 1 1	Each Each Each Each L.F. Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$550.00 \$425.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55 \$42
1 2 3 4 5 6 7 8 9 10	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block	1 1 1 36 1 1	Each Each Each Each L.F. Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$550.00 \$425.00 \$600.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55 \$42
1 2 3 4 5 6 7 8 9 10 11	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block	1 1 1 36 1 1 1 1	Each Each Each L.F. Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$325.00 \$325.00 \$1,250.00 \$550.00 \$425.00 \$600.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55 \$42 \$60 \$30,86
1 2 3 4 5 6 7 8 9 10 11	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block	1 1 1 36 1 1 1 1 1	Each Each Each L.F. Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$550.00 \$425.00 \$600.00 \$UBTOTAL	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55 \$42 \$60 \$30,86
1 2 3 4 5 6 7 8 9 10 11	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block ATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block	1 1 1 36 1 1 1 1 1 1 419	Each Each Each L.F. Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$550.00 \$425.00 \$600.00 \$UBTOTAL	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55 \$42 \$60 \$30,86
1 2 3 4 5 6 7 8 9 10 11	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block ATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box	1 1 1 36 1 1 1 1 1 1 1 1 3 1 3 1 1 1 3 1 1 1 1	Each Each Each L.F. Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$425.00 \$600.00 \$UBTOTAL \$54.00 \$540.00 \$1,450.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$55 \$42 \$60 \$30,86
1 2 3 4 5 6 7 8 9 10 11	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block /ATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in Gate Valve and Box 12in X 8in Tee w/ Kick Block	1 1 1 36 1 1 1 1 1 1 1 1 3 1 1 3 1 1 1 1	Each Each Each L.F. Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$425.00 \$600.00 \$UBTOTAL \$54.00 \$540.00 \$1,450.00 \$600.00	\$23,38 \$54 \$1,45 \$52 \$1,29 \$32 \$1,25 \$55 \$42 \$60 \$30,86 \$22,62 \$54 \$4,35
1 2 3 4 5 6 7 8 9 10 11	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block VATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in X 8in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block	1 1 1 36 1 1 1 1 1 1 1 1 3 3 1 1 1	Each Each Each L.F. Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$36.00 \$325.00 \$1,250.00 \$550.00 \$425.00 \$600.00 \$UBTOTAL \$54.00 \$540.00 \$1,450.00 \$600.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,29 \$32 \$1,25 \$42 \$60 \$30,86 \$22,62 \$55 \$42 \$60 \$30,86
1 2 3 4 5 6 7 8 9 10 11 DNSITE W 1 2 3 4 5 6	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block /ATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in X 8in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block	1 1 1 36 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$325.00 \$325.00 \$1,250.00 \$425.00 \$600.00 \$UBTOTAL \$54.00 \$540.00 \$540.00 \$550.00 \$600.00	\$23,38 \$54 \$1,45 \$52 \$1,25 \$1,25 \$1,25 \$42 \$60 \$30,86 \$22,62 \$5,45 \$4,45 \$60 \$5,55 \$60 \$5,55 \$60 \$5,55 \$60
1 2 3 4 5 6 7 8 9 10 11 DNSITE W 1 2 3 4 5 6 7	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block /ATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in X 8in Tee w/ Kick Block 12in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block	1 1 1 36 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$325.00 \$325.00 \$1,250.00 \$425.00 \$600.00 \$445.00 \$600.00 \$1,450.00 \$1,450.00 \$600.00 \$550.00 \$750.00	\$23,38 \$54 \$1,45 \$52 \$1,29 \$32 \$1,25 \$42 \$60 \$30,86 \$22,62 \$4,35 \$60 \$55
1 2 3 4 5 6 7 8 9 10 11 2 3 4 4 5 6 7 8 8 9 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block VATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in X 8in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block 12in X 12in X 8in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block 12in X 12in Tee w/ Kick Block	1 1 1 36 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$325.00 \$325.00 \$1,250.00 \$425.00 \$600.00 \$445.00 \$600.00 \$540.00 \$1,450.00 \$1,450.00 \$600.00 \$550.00 \$600.00 \$3600.00	\$23,38 \$54 \$1,45 \$52 \$52 \$1,25 \$55 \$42 \$60 \$30,86 \$22,62 \$54 \$4,35 \$60 \$75 \$60
1 2 3 4 5 6 7 8 9 10 11 11 0NSITE W 1 2 3 4 5 6 7 8 9 10 11	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block VATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in X 8in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block 12in Plug w/ 2in Blow Off 12in X 16in Cross w/ Kick Block 8in PVC Water Main 8in PVC Water Main 8in Gate Valve and Box	1 1 1 36 1 1 1 1 1 1 1 1 3 1 1 1 1 1 1 1	Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$325.00 \$325.00 \$1,250.00 \$425.00 \$600.00 \$445.00 \$600.00 \$540.00 \$1,450.00 \$600.00 \$550.00 \$600.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00	\$23,38 \$54 \$1,45 \$52 \$1,29 \$33,86 \$30,86 \$22,62 \$54 \$4,35 \$60 \$55 \$60 \$55 \$44 \$4,35 \$60 \$55 \$55
1 2 3 4 5 6 7 8 9 10 11 2 3 4 5 6 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block VATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in X 8in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block 12in K 8in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in X 16in Cross w/ Kick Block 8in PVC Water Main 8in Gate Valve and Box 8in PVC Water Main 8in Gate Valve and Box 8in Plug w/ 2in Blow Off	1 1 1 36 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$325.00 \$325.00 \$1,250.00 \$425.00 \$600.00 \$445.00 \$600.00 \$1,450.00 \$540.00 \$540.00 \$540.00 \$1,450.00 \$600.00 \$550.00 \$550.00 \$550.00 \$36.00 \$1,250.00 \$550.00	\$23,38; \$54 \$1,45; \$52; \$1,29; \$31,25; \$55; \$42; \$60; \$30,86; \$4,35; \$60; \$55; \$60; \$55; \$60; \$55; \$60; \$55; \$60; \$55; \$60; \$55; \$60; \$55; \$60; \$55; \$60; \$55; \$55; \$60; \$55;
1 2 3 4 5 6 7 8 9 10 11 11 0NSITE W 1 2 3 4 5 6 7 8 9 10 11	12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in - 11.25 Degree Bend w/ Kick Block 12in - 22.5 Degree Bend w/ Kick Block 8in PVC Water Main 8in X 12in Reducer 8in Gate Valve and Box 8in Plug w/ 2in Blow Off 12in Mega Deflection Coupling 12in X 8in Tee w/ Kick Block VATER IMPROVEMENTS - Lanceleaf Street 12in PVC Water Main 12in Tee w/ Kick Block 12in Gate Valve and Box 12in X 8in Tee w/ Kick Block 12in X 8in Tee w/ Kick Block 12in Plug w/ 2in Blow Off 12in X 16in Cross w/ Kick Block 8in PVC Water Main 8in PVC Water Main 8in Gate Valve and Box	1 1 1 36 1 1 1 1 1 1 1 1 3 1 1 1 1 1 1 1	Each Each Each Each Each Each Each Each	\$540.00 \$1,450.00 \$525.00 \$525.00 \$325.00 \$325.00 \$1,250.00 \$425.00 \$600.00 \$445.00 \$600.00 \$540.00 \$1,450.00 \$600.00 \$550.00 \$600.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00	\$23,38 \$54 \$1,45 \$52 \$1,29 \$33,86 \$30,86 \$22,62 \$54 \$4,35 \$60 \$55 \$60 \$75 \$1,44 \$1,25

Cottonwood Highlands Filing No. 1A

Item	25-Mar-14	Estimated		Estimated Unit	
Number	Item Description	Quantity	Unit	Cost	Subtotal
	ATER IMPROVEMENTS - Concolor Lane				
1	12in Cross w/ Kick Block	1	Each	\$550.00	\$
2	8in X 12in Reducer	1	Each	\$325.00	
3	8in PVC Water Main	494	L.F.	\$36.00	\$17
4	8in - 11.25 Degree Bend w/ Kick Block	1	Each	\$450.00	
5	8in Tee w/ Kick Block	1	Each	\$425.00	
6	8in Gate Valve and Box	3	Each	\$1,250.00	\$3
7	8in X 6in Tee w/ Kick Block	2	Each	\$550.00	\$1
8	Std. Fire Hydrant Assy. w/ 6in Gate Valve	_2	Each	\$3,800.00	\$7
				SUBTOTAL_	\$31
ISITE W	ATER IMPROVEMENTS - Concolor Place	278	L.F.	\$30.00	\$8
$\frac{1}{2}$	4in Plug w/ 2in Blow Off		Each	\$500.00	
3	4in Gate Valve and Box	3	Each	\$950.00	\$2
4	4in X 8in Tee w/ Kick Block	2	Each	\$550.00	\$
				SUBTOTAL	\$12
ISITE W	ATER IMPROVEMENTS - Snowball Way				
1	8in PVC Water Main	396	L.F.	\$30.00	\$11
2	8in - 11.25 Degree Bend w/ Kick Block	1	Each	\$450.00	
3	8in x 12in Tee w/ Kick Block	1	Each	\$600.00	
4	Bin Gate Valve and Box	2	Each	\$1,250.00	\$2
5	12ln X 8in Tee w/ Kick Block		Each	\$600.00	
6	16in X 8in Tee w/ Kick Block	1	Each	\$700.00	
7	8in X 6in Tee w/ Kick Block		Each	\$550.00	
8	Std. Fire Hydrant Assy. w/ 6in Gate Valve	1_	Each	\$3,800.00	\$3
				SUBTOTAL_	\$2
	ATER IMPROVEMENTS - Sassafras Court			4250 001	
1	12in Cross w/ Kick Block		Each	\$650.00	
2	8in X 12in Reducer		Each	\$325.00	
3	12in X 4in Reducer	1	Each	\$300.00	
4	8in PVC Water Main	30	L.F.	\$36.00	\$1
5	8in Gate Valve and Box		Each	\$1,250.00	\$
6	8in Plug w/ 2in Blow Off		Each	\$550.00	
7	8in X 6in Tee w/ Kick Block		Each	\$550.00	
- 8	Std. Fire Hydrant Assy. w/ 6in Gate Valve	1	Each	\$3,800.00	\$3
9	4in PVC Water Main	280	L.F.	\$30.00	\$8
10	4in - 11.25 Degree Bend w/ Kick Block	<u></u>	Each	\$400.00	
11	4in Gate Valve and Box		Each	\$950.00	
12	4in Plug w/ 2in Blow Off	1	Each	\$500.00	
				SUBTOTAL_	\$18
					\$25

PWSD CONTINGENCY

10% of Water Infrastructure Improvement Costs

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanitary Sewer Construction Plans prepared by Marrhard Consulting, latest revision dated June 2014.

Quantities were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

\$25,839

\$284,225

\$284,225

SUBTOTAL

WATER IMPROVEMENTS TOTAL

Cottonwood Highlands Filing No. 1A Engineer's Estimate of Water Improvement Infrastructure

	25-Jul-14			Colington Unit	·
Item		Estimated		Estimated Unit	Subtotal
Number	Item Description	Quantity	Unit	Cost	Sublotal
	Delve (lords	n Dd to Lanceleaf Dr	1		
OFFSITE V	VATER IMPROVEMENTS - Cottonwoood Drive (Jorda	1,656	,	\$78.00	\$129,168
1	16-in D.I.Water Main	5	Each	\$3,300.00	\$16,500
2	16-in Butterfly Valve		Each	\$1,200.00	\$1,200
3	24-in x 16-in ReducerTee w/ Kick Block		Each	\$1,050.00	\$2,100
4	16-in - 45 Degree Bends w/ Kick Block		Each	\$1,150.00	\$4,600
5	16-in X 6-ln Tee w/ Kick Block	4		\$950.00	\$950
6	16-in - 22.5 Degree Bend w/ Kick Block		Each		\$900
7	16-in - 11.25 Degree Bends w/ Kick Block		Each	\$900.00	\$1,100
8	16-in x 8-in Tee w/ Kick Block	1	Each	\$1,100.00	
9	16-in x 12-in Tee w/ Kick Block	1	Each	\$1,200.00	\$1,200
10	16-in x 12-in Cross w/ Kick Block	1	Each	\$1,400.00	\$1,400
11	Air Relief Valve Assembly	1	Each	\$5,500.00	\$5,500
12	16-in Plug w/ 2-in Blow Off & Kick Block	1	Each	\$1,500.00	\$1,500
13	Std. Fire Hydrant Assy. w/ 6-In Gate Valve	1	Each	\$3,800.00	\$3,800
				SUBTOTAL	\$169,918
PWSD CO	NTINGENCY				\$16,99
1	10% of Water Infrastructure Improvement Costs				4,5,00.
•				SUBTOTAL_	\$186,91
		WATER	IMPRO\	/EMENTS TOTAL	<u>\$186,91</u>

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Finel Water and Sanitary Sewer Construction Plans prepared by Manhard Consulting, latest revision dated June 2014.

Quantiles were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and imptementation from the Information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, compellitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

Cottonwood Highlands Filing No.1A

Engineer's Estimate of Sanitary Sewer Improvements

	25-Mar-14	Estimated		Estimated Unit	
tem Number	Item Description	Quantity	Unit	Cost	Subtotal
Certification					
ISITE SANIT	ARY SEWER IMPROVEMENTS - Acer Drive			201.001	E 70
1	8in Sanitary Sewer Main	185	L.F.	\$31.00	\$5,73
3	8in Plug w/ Marker Post	1	Each	\$750.00	\$75
2	4' Diameter Manholes (Normal Depth)	2	Each	\$3,400.00	\$6,80
				SUBTOTAL	\$13,28
				000101112_	****
	T				
	ARY SEWER IMPROVEMENTS - Larch Trail	484	L.F.	\$31.00	\$15,0
1	Bin Sanitary Sewer Main	707	Each	\$3,400.00	\$6.8
2	4' Diameter Manholes (Normal Depth)	 1	Each	\$3,500.00	\$3,5
3	Connection to Existing Sanitary Sewer		Lacii	ψω,υσσισσή	
				SUBTOTAL	\$25,3
	ARY SEWER IMPROVEMENTS - Concolor Place				
	Bin Sanitary Sewer Main	. 299	Ĺ.F.	\$31.00	\$9,2
	4' Diameter Manholes (Normal Depth)	2	Each	\$3,400.00	\$6,8
3	Asphalt Removal and Replacement	12	S.Y.	\$100.00	\$1,2
	[Aspirati Ventoval dila respession				
				SUBTOTAL_	\$17,2
	ARY SEWER IMPROVEMENTS - Concolor Lane				
MOITE SANIT				604.00	\$37.9
	Ißin Sanitary Sewer Main	1,223	L.F.	\$31.00	
1	8in Sanitary Sewer Main	1,223	L.F. Each	\$3,400.00	
	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)			\$3,400.00	\$3,4
1	8in Sanitary Sewer Main				\$3,4
1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)			\$3,400.00	\$3,4
1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth) ARY SEWER IMPROVEMENTS - Azalea Avenue	1	Each	\$3,400.00	\$3,4 \$41,3
1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth) ARY SEWER IMPROVEMENTS - Azalea Avenue Bin Sanitary Sewer Main	299	Each	\$3,400.00 SUBTOTAL_ \$31.00	\$3,4 \$41,3 \$9,4
1 2 NSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth) ARY SEWER IMPROVEMENTS - Azalea Avenue Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299	Each L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00	\$3,4 \$41,3 \$9,1 \$6,6
1 2 NSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth) ARY SEWER IMPROVEMENTS - Azalea Avenue Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299	Each	\$3,400.00 SUBTOTAL_ \$31.00	\$3,4 \$41,3 \$9,1 \$6,6
NSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth) ARY SEWER IMPROVEMENTS - Azalea Avenue Bin Sanitary Sewer Main	299	Each L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00	\$3,4 \$41,3 \$9,3 \$6,4 \$1,2
NSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299	Each L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00	\$3,4 \$41,3 \$9,3 \$6,4 \$1,2
NSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12	Each L.F. Each S.Y.	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL	\$3,4 \$41,5 \$9,5 \$6,6 \$1,2
NSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12	L.F. Each S.Y.	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00	\$3,4 \$41,5 \$9,5 \$6,6 \$1,7 \$17,5
NSITE SANIT 1 2 3	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12	Each L.F. Each S.Y.	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL	\$3,4 \$41,5 \$9,5 \$6,6 \$1,7 \$17,5
NSITE SANIT 1 2 3 NSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12	L.F. Each S.Y.	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00	\$3,4 \$41,5 \$9,5 \$6,4 \$17,5 \$9,9 \$6,4
1 2 NSITE SANIT 1 2 3 SINSITE SANIT 1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12	L.F. Each S.Y.	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00	\$3,4 \$41,5 \$9,5 \$6,4 \$17,5 \$9,9 \$6,4
1 2 NSITE SANIT 1 2 3 SINSITE SANIT 1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL	\$3,4 \$41,5 \$9,5 \$6,6 \$1,2 \$17,2 \$9,6 \$6,6
NSITE SANIT 1 2 3 INSITE SANIT 1 2 ONSITE SANIT 1 2 ONSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3400.00 SUBTOTAL \$31.00	\$3,4 \$41,3 \$9,5 \$6,6 \$1,2 \$17,2 \$9,6 \$6,6 \$10,7
1 2 NSITE SANIT 1 2 3 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$750.00	\$3,4 \$41,5 \$9,5 \$6,6 \$17,5 \$9,5 \$6,6 \$16,5 \$10,5 \$10,5
NSITE SANIT 1 2 3 INSITE SANIT 1 2 ONSITE SANIT 1 2 ONSITE SANIT	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3400.00 SUBTOTAL \$31.00	\$3,4 \$41,3 \$9,5 \$6,6 \$17,2 \$9,9 \$6,6 \$16,0 \$10,0 \$10,0 \$
1 2 NSITE SANIT 1 2 3 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$400.00 \$400.00 \$400.00	\$3,4 \$41,3 \$9,5 \$6,6 \$17,2 \$9,9 \$6,6 \$16,0 \$16,0 \$6,6
1 2 NSITE SANIT 1 2 3 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$750.00	\$3,4 \$41,3 \$9,5 \$6,6 \$17,2 \$9,9 \$6,6 \$16,0 \$16,0 \$6,6
1 2 NSITE SANIT 1 2 3 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL	\$3,4 \$41,5 \$9,5 \$6,6 \$17,5 \$17,5 \$16, \$10, \$56, \$10,
NSITE SANIT 1 2 3 INSITE SANIT 1 2 INSITE SANIT 1 2 INSITE SANIT 2 INSITE SANIT 2 3	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$400.00 \$400.00 \$400.00	\$3,4 \$41,5 \$9,5 \$6,6 \$17,5 \$9,5 \$6,6 \$16,6 \$10,5 \$6,5 \$17,6
1 2 NSITE SANIT 1 2 3 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2 NSITE SANIT 1 2	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL	\$3,4 \$41,5 \$9,5 \$6,6 \$1,7 \$9,1 \$6,1 \$10,1 \$56,1 \$10,1 \$10,1 \$10,1 \$149,1
NSITE SANIT 1 2 3 INSITE SANIT 1 2 INSITE SANIT 1 2 INSITE SANIT 2 INSITE SANIT 2 3	Bin Sanitary Sewer Main 4' Diameter Manholes (Normal Depth)	299 2 12 12 321 2	Each L.F. Each S.Y. L.F. Each	\$3,400.00 SUBTOTAL \$31.00 \$3,400.00 \$100.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL \$31.00 \$3,400.00 SUBTOTAL	\$3,4

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanitary Sewer Construction Plane prepared by Manhard Consulting, latest revision dated June 2014.

Quantities were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the Information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual lator and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a resulf, the project costs will vary from the opinion of the probable costs presented herein.

EXHIBIT C-1

Cottonwood Highlands Filling No. 1B Engineer's Estimate of Probable Costs for Public Infrastructure

ROADWAY & DRAINAGE

16	,	Fall-stad	1	Estimated Unit	
ltem	Harr Deventation	Estimated Quantity	Unit	Cost	Subtotal
Number	llem Description	j <u>cadanacy</u> j			
TREET IMP	ROVEMENTS				
					•
Sassafras 51	Subgrade Preparation (2' Behind Back of Curb)	2,910	S.Y.	\$1.80	\$5,2
2	Asphalt Pavement (7-inch Full Depth)	2,169	5.Y.	\$24.00	\$52,0
3	Curb & Gutter (2" Gutter x 4" Mountable Curb)	1,195	L.F.	\$13.00	\$15,5
4	Sidewalk Subgrade Preparation (1' each side of walk)	950	S.Y.	\$1.80	\$1,7
5	6-Inch thick x 5-feet Wide Concrete Sidewalk	6,105	S.F.	\$4.40 \$3,200.00	\$26,8 \$6,4
6	Concrete Curb Ramp	2	Each Each	\$2,280.00	\$2,
7	Mid-block Handicap Ramp	1 3	Each	\$750.00	\$2,
8	Truncaled Domes (2' x 4' Panels)	74	S.Y.	\$75.00	\$5,
9	8' Concrete Cross Pan & Curb Return aprons	_ 1	3. [SUBTOTAL	\$117,
				_	
Sassafras P	face	4 865	c v T	\$1.80	\$2,
1	Subgrade Preparation (2' Behind Back of Curb)	1,393	S.Y.	\$24.00	\$25,
2	Asphalt Pavement (7-Inch Full Depth)	1,063	S.Y.	\$13.00	\$5,
3	Curb & Gutter (2' Gutter x 4" Mountable Curb)	346	S.Y.	\$1.80	\$
4	Sidewalk Subgrade Preparation (1' each side of walk)	2,381	S.F.	\$4.40	\$10,
5	6-inch thick x 5-feet Wide Concrete Sidewalk	2,361	Each	\$3,200.00	\$6,
6	Concrete Curb Ramp	$\frac{-1}{2}$	Each	\$750.00	\$1
7	Truncated Domes (2' x 4' Panels)	- 74	S.Y.	\$75.00	\$5
8	8' Concrete Cross Pan & Curb Return aprons		9.1.	SUBTOTAL	\$58
				_	
Larch Trail		1 1001		\$1.80	\$3,
1	Subgrade Preparation (2' Behind Back of Curb)	1,934	S.Y.	\$24.00	\$35.
2	Asphall Pavement (7-inch Full Depth)	1,488	<u> 5.Y.</u>	\$13.00	\$1D
3	Curb & Gutter (2' Gutter x 4" Mountable Curb)	817	L.F.	\$13.00 \$1.80	\$10
4	Sidewalk Subgrade Preparation (1' each side of walk)	654	S.Y.	\$4.40	\$18
5	6-Inch thick x 5-feet Wide Concrete Sidewalk	4,202	S.F.	\$2,280.00	\$ 2
6	Mid-block Handicap Ramp		Each	\$750.00	- 72
	Truncated Domes (2' x 4' Panels)		Each		
7					572.
7				SUBTOTAL_	\$72
77		STREET IA	IPROVEMI	_SUBTOTAL _ENTS SUBTOTAL	
77		STREET IA	IPROVEMI		
	AND STRIPING			ENTS SUBTOTAL_	\$248
	AND STRIPING Stop Signs w/Street Name	2	Each	ENTS SUBTOTAL_	\$248
	Stop Signs w/Street Name OM4-1 Reflector Sign	2 2	Each Each	\$500.00 \$300.00	\$248 \$1
SIGNAGE A	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign	2 2 2 1	Each Each Each	\$500.00 \$300.00 \$250.00	\$248 \$1
SIGNAGE A	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign	2 2 1 1 1	Each Each Each Each	\$500.00 \$300.00 \$250.00 \$250.00	\$248 \$1
SIGNAGE A 1 2 3	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign	2 2 1 1 1 2	Each Each Each Each Each	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00	\$248 \$1 5 5 \$2
SIGNAGE A 1 2 3 4	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign	2 2 1 1 1 2	Each Each Each Each Each	\$500.00 \$300.00 \$250.00 \$250.00	\$248 \$1 \$1
SIGNAGE A 1 2 3 4	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00	\$248 \$1 \$1 \$5 \$2 \$4
SIGNAGE A 1 2 3 4	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 \$1 \$5 \$2 \$4
SIGNAGE A 1 2 3 4 5	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 \$ \$ \$ \$ \$2 \$4 \$253
SIGNAGE A 1 2 3 4 5	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 \$ \$ \$ \$ \$2 \$4 \$253
SIGNAGE A 1 2 3 4 5	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 \$1 \$2 \$2 \$4 \$253
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING:	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light N: Mobilization @ 5%	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 \$2 \$2 \$2 \$2 \$2 \$3 \$2 \$3 \$2 \$3 \$3 \$3 \$3 \$3 \$4 \$3 \$4 \$3 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4
SIGNAGE A 1 2 3 4 5	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 \$ \$ \$25 \$4 \$263
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING:	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light N: Mobilization @ 5%	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 3 \$2 \$2 \$4 \$253 \$12
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING:	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light N: Mobilization @ 5% Surveying @ 3%	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 3 \$2 \$2 \$4 \$253 \$12
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING: 1 DINSTRUCTI	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light N: Mobilization @ 5% Surveying @ 3% CON MANAGEMENT / TESTING: Construction Management / Testing @ 12%	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 3 \$2 \$2 \$4 \$253 \$12
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING: 1 DINSTRUCTI 1 DINTINGENCE	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light N: Mobilization @ 5% Surveying @ 3% ON MANAGEMENT / TESTING: Construction Management / Testing @ 12% EY:	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 \$1 \$2 \$2 \$4 \$253 \$12 \$7
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING: 1 DISTRUCTION	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light N: Mobilization @ 5% Surveying @ 3% CON MANAGEMENT / TESTING: Construction Management / Testing @ 12%	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each Each AND STR	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 \$1 \$2 \$2 \$4 \$253 \$12 \$3 \$3 \$4 \$253
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING: 1 DINSTRUCTI 1 DINTINGENCE	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light N: Mobilization @ 5% Surveying @ 3% ON MANAGEMENT / TESTING: Construction Management / Testing @ 12% EY:	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each AND STRI	\$500.00 \$300.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL ENTS SUBTOTAL	\$248 \$1 3 \$2 \$2 \$4 \$253 \$12 \$7
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING: 1 DINSTRUCTI 1 DINTINGENCE	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Street Light N: Mobilization @ 5% Surveying @ 3% ON MANAGEMENT / TESTING: Construction Management / Testing @ 12% EY:	2 2 2 1 1 1 1 2 2 SIGNAGE	Each Each Each Each AND STRI	\$500.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$248 \$1 3 \$2 \$2 \$4 \$253 \$12 \$7
SIGNAGE A 1 2 3 4 5 DBILIZATIO 1 URVEYING: 1 DINSTRUCTI 1 DINTINGENCE	Stop Signs w/Street Name OM4-1 Reflector Sign "No Outlet" Sign "Road Closed" Sign Sireet Light N: Mobilization @ 5% Surveying @ 3% ON MANAGEMENT / TESTING: Construction Management / Testing @ 12% Y: Contingency @ 10%	2 2 2 1 1 1 2 SIGNAGE PUBLIC IN	Each Each Each Each Each Each AND STRI	\$500.00 \$300.00 \$300.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL ENTS SUBTOTAL	\$72. \$248. \$1 \$1 \$3 \$22 \$4 \$253 \$12 \$7 \$30 \$25 \$76 \$329

The opinion of probable construction costs for Cottonwood Highlands Filing No. 18 was based on approximate quantity estimates for general Earthwork, utility work, concrete structural work, revegetation, and miscellaneous work based on the Final Construction Plans Prepared by Manhard Consulting, latest revision dated March 2014.

Quantities were multiplied by current construction industry prices.

The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will dopend on actual labor and material costs, competitive market conditions, actual also conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs with vary from the opinion of the probable costs presented herein.

Cottonwood Highlands Filing No. 1B

Engineer's Estimate of Water Improvement Infrastructure

Item	Rev: June 17, 2014	Estimated		Estimated Unit	
Number	Item Description	Quantity	Unit	Cost	Subtotal
					<u>-</u>
NSITE W	VATER IMPROVEMENTS - Sassafras Street Isin PVC Water Main	678	L.F.	\$30.00	\$20,34
	8in - 22.50 Degree Bend w/ Kick Block	1	Each	\$450,00	\$45
3	4in X 8in Tee w/ Kick Block		Each	\$550.00	\$55
	8in Gate Valve and Box	2	Each	\$1,250.00	\$2,50
<u>4</u>	Std. Fire Hydrant Assy. w/ 6in Gate Valve	2	Each	\$3,800.00	\$7,60
<u> </u>	Sid. File Hydralic Assy. Wrom Cate Valve			SUBTOTAL	\$31,44
				30BIOIAL	\$31,44
	and the second s				
NSITE V	VATER IMPROVEMENTS - Sassafras Place	247	L.F.	\$30.00	\$7,41
2	4in Gate Valve and Box		Each	\$950.00	\$95
3	4In Gate Valve and Box 4In Plug w/ 2in Blow Off		Each	\$500.00	\$50
J					
1	Min - 90 Degree Bend w/ Kick Block	J 1 1	Each	\$400.00	34 0
4	4in - 90 Degree Bend w/ Kick Block		Each		
4	4in - 90 Degree Bend w/ Kick Block	11	Each	SUBTOTAL_	
		11	Each		
	VATER IMPROVEMENTS - Larch Trail				\$40 \$9, 26 \$13,47
ONSITE V	VATER IMPROVEMENTS - Larch Trail	449	L.F.	\$UBTOTAL	\$9,26 \$13,47
ONSITE V	VATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block		L.F. Each	\$30.00 \$450.00	\$9,26 \$13,47 \$45
0NSITE V 1 2 3	VATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box	449	L.F.	\$UBTOTAL	\$9,26 \$13,47 \$45 \$1,25
DNSITE V 1 2 3 4	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block	449 1 1	L.F. Each Each	\$30.00 \$450.00 \$1,250.00	\$9,26 \$13,47 \$45 \$1,25 \$42
DNSITE V 1 2 3 4 5	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve	449 1 1	L.F. Each Each	\$30.00 \$450.00 \$1,250.00 \$425.00	\$9,26 \$13,47 \$45 \$1,25 \$42 \$3,80
DNSITE V 1 2 3 4	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block	449 1 1 1 1	L.F. Each Each Each Each	\$30.00 \$450.00 \$1,250.00 \$425.00 \$3,800.00 \$550.00	\$9,26 \$13,47 \$45 \$1,25 \$42 \$3,80 \$55
DNSITE V 1 2 3 4 5	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve	449 1 1 1 1	L.F. Each Each Each Each	\$30.00 \$450.00 \$1,250.00 \$425.00 \$3,800.00	\$9,26 \$13,47 \$45 \$1,25 \$42 \$3,80 \$55
DNSITE V 1 2 3 4 5	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve	449 1 1 1 1 1	L.F. Each Each Each Each	\$30.00 \$450.00 \$1,250.00 \$3,800.00 \$550.00 \$UBTOTAL	\$9,26 \$13,47 \$45 \$1,25 \$42 \$3,80 \$55 \$19,94
DNSITE V 1 2 3 4 5	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve	449 1 1 1 1 1	L.F. Each Each Each Each	\$30.00 \$450.00 \$1,250.00 \$425.00 \$3,800.00 \$550.00	\$9,26 \$13,47 \$45 \$1,25 \$42 \$3,80 \$55 \$19,94
DNSITE V 1 2 3 4 5 6	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve 8in Plug w/ 2in Blow Off	449 1 1 1 1 1	L.F. Each Each Each Each	\$30.00 \$450.00 \$1,250.00 \$3,800.00 \$550.00 \$UBTOTAL	\$9,26 \$13,47 \$45 \$1,25 \$42 \$3,80 \$55 \$19,94
DNSITE V 1 2 3 4 5 6	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve 8in Plug w/ 2in Blow Off	449 1 1 1 1 1	L.F. Each Each Each Each	\$30.00 \$450.00 \$1,250.00 \$3,800.00 \$550.00 \$UBTOTAL	\$9,26 \$13,47 \$45 \$1,25 \$42 \$3,80 \$55 \$19,94
DNSITE V 1 2 3 4 5 6	WATER IMPROVEMENTS - Larch Trail 8in PVC Water Main 8in - 22.50 Degree Bend w/ Kick Block 8in Gate Valve and Box 8in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve 8in Plug w/ 2in Blow Off	449 1 1 1 1 1	L.F. Each Each Each Each	\$30.00 \$450.00 \$1,250.00 \$3,800.00 \$550.00 \$UBTOTAL	

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanitary Sewer Construction Plans prepared by Manhard Consulting, latest revision dated March 2014.

Quantities were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

Cottonwood Highlands Filing No.1B

.

Engineer's Estimate of Sanitary Sewer Improvements

	Rev: June 17, 2014	Estimated		Estimated Unit	
Item Number	Item Description	Quantity	Unit	Cost	Subtotal
NSITE SANITA	ARY SEWER IMPROVEMENTS - Sassafras Street	054		\$31.00	\$20,1
1	8in Sanitary Sewer Main	651	<u>L.F.</u>		\$10,2
2	4' Diameter Manholes (Normal Depth)	3	Each	\$3,400.00	
				SUBTOTAL_	\$30,3
MOITE CAMIT	ARY SEWER IMPROVEMENTS - Sassafras Place				
NOTIE SASSITA	Bin Sanitary Sewer Maln	211	L.F.	\$31.00	\$6,5
	4' Diameter Manholes (Normal Depth)	1	Each	\$3,400.00	\$3,4
2	4 Diameter Manages (Normal Depart			SUBTOTAL	\$9,9
				_	
	ANY ANY INDUSTRIAL AND TRAIL				
NSITE SANIT	ARY SEWER IMPROVEMENTS - Larch Trail	393	L.F.	\$31.00	\$12,
1	8in Sanitary Sewer Main	3	Each	\$3,400.00	\$10,2
2	4' Diameter Manholes (Normal Depth)	1	20011	SUBTOTAL	\$22,3
	•			000101N2_	, , , - , ,
	0.11074	DV OCUSED BU	DOWEN	ENTS SHRTOTAL	\$62,
	SANITA	KA SEAAEK IIAII	- KO A EIMI	ENTS SUBTOTAL_	4021
VMD CONTIN	GENCY				\$6
VMD CONTIN	GENCY 10% of Proposed Sanitary Sewer Improvement Costs				\$6,2
VMD CONTIN	GENCY 10% of Proposed Sanitary Sewer Improvement Costs			VEMENTS TOTAL	\$6 <u>,</u> \$68,

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanitary Sewar Construction Pleas prepared by Manhard Consulting, latest revision dated March 2014.

Quantities were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidence in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnal and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

EXHIBIT C-1 Cottonwood Highlands Filing No. 2 Residential Phase 2 Engineer's Estimate of Probable Costs for Public Infrastructure

ROADWAY & DRAINAGE

	l e	- T	1	Estimated	
ltem		Esilmated	1	Unil	
Number	Item Description	Quantity	Unit	Cost	Sublotal
	WER SYSTEM IMPROVEMENTS				
	op - Storm Lateral Type-R Inlet - 5'	31	Each	\$4,000.00	\$12,0
- 1 2	Type-R Intel - 10'	4	Each	\$5,400.00	\$21,6
3	4' ID Storm Manhole	9	Each	\$2,800.00	\$25,2
4	18" RCP	1,688	L.F.	\$40.00	\$ 67,5
5	24" RCP	140	L.F.	\$52.00	\$7,2
				SUBTOTAL_	\$133,6
Ginko Lane	- Storm Lateral	1 01	Francis I	\$4,000.00	\$12,0
1	Type-R Inlet - 5'	3	Each Each	\$2,800.00	\$8,4
2	4' ID Storm Manhole	465	L.F.	\$40.00	518,6
3	18° RCP	122	LF.	\$52,00	\$6,3
4	24" RCP	124	Lil's 1	SUBTOTAL	\$45,3
	- 1 0 m			SOBJOTAL_	
Azalea Ave: 1	nue - Storm Lateral Type-R Inlet - 10'	4	Each	\$5,400.00	\$21,6
2 -	4' ID Storm Manhole	2	Each	\$2,800.00	\$5,6
3	5' ID Storm Manhole	1	Each	\$3,200.00	\$3,2
4	18" RCP	36	1F.	\$40.00	\$1,4
5	24" RCP	8	L.F.	\$52,00	\$4
6	30" RCP	505	L.F.	\$65.00	\$32,6 \$65.0
Lanceleaf §	Place - Storm Lateral		· · ·	SUBTOTAL_	
1	Type-R Inlet - 10'	1	Each	\$5,400.00	\$5,4
2	18" RCP	65	<u>L.F.</u>	\$40.00 SUBTOTAL	\$2,6 \$8,0
Lanceleaf F	Point - Storm Lateral Type-R Inist - 10' 18" RCP	1 29	Each L.F.	\$5,400.00 \$40.00	\$5,4 \$1,1
				SUBTOTAL_	\$6,5
	- Storm Lateral				
	- Storm Lateral Typa-R Injet - 10'	1	Each	\$5,400.00	\$5.4
	- Storm Lateral Type-R Inlet - 10' 16" RCP	1 16	Each L.F.		\$5,4 \$6
Larch Trall	Type-R Inlet - 10' 18" RCP	16		\$5,400.00	\$5, \$
Lerch Trail	Type-R inlet - 10' 18" RCP Drive (North Half Construction - Lanceleaf St. to Chami	16 pers Rd.)	L.F.	\$5,400.00 \$40.00 SUBTOTAL	\$5, \$6,
Lerch Trail 1 2 Cottonwood	Type-R Inlet - 10' 18" RCP	16 pers Rd.)	L.F.	\$5,400.00 \$40.00 SUBTOTAL \$4,000.00	\$5, \$6, \$6,
Lerch Trail 1 2	Type-R inlet - 10' 18" RCP Drive (North Half Construction - Lanceleaf St. to Chami	16 pers Rd.)	L.F.	\$5,400.00 \$40.00 SUBTOTAL \$4,000.00 \$52.00	\$5. \$ \$6. \$4. \$4.
Lerch Trail 1 2 Cottonwoo	Type-R Inlet - 10' 18" RCP Delta RCP Delta RCP Delta RCP Delta RCP Type-R Inlet - 5' 24" RCP	16 pers Rd.) 1 78	i.f. Each L.F.	\$5,400.00 \$40.00 SUBTOTAL \$4,000.00 \$52.00 SUBTOTAL	\$5, \$ \$6, \$4, \$4, \$5,
Lerch Trail 1 2 Cottonwoo 1 2	Type-R Inlet - 10' 18" RCP Delta RCP Delta RCP Delta RCP Delta RCP Type-R Inlet - 5' 24" RCP	16 pers Rd.) 1 78	i.f. Each L.F.	\$5,400.00 \$40.00 SUBTOTAL \$4,000.00 \$52.00	\$5, \$ \$6, \$4, \$4, \$5,
Lerch Trail 1 2 Coltenwood 1 2	Type-R inlet - 10' 18" RCP and Drive (North Half Construction - Lanceleaf St. to Chamle Type-R inlet - 5' 24" RCP STORM SE	pers Rd.) 1 78 WER SYSTEM IN	Each L.F.	\$5,400.00 \$40.00 SUBTOTAL_ \$4,000.00 \$52.00 SUBTOTAL_	\$5, \$6, \$6, \$4, \$4, \$8,
Lerch Trail 1 2 Coltenwood 1 2	Type-R inlet - 10' 18" RCP and Drive (North Half Construction - Lanceleaf St. to Chamle Type-R inlet - 5' 24" RCP STORM SE	16 pers Rd.) 1 78 wer system in 18,340	Each L.F. MPROVEME	\$5,400.00 \$40.00 SUBTOTAL \$4,000.00 \$52.00 SUBTOTAL	\$5,4 \$6,6 \$4,6 \$4,6 \$4,0 \$8,0 \$272,0
Lerch Trail 1 2 Coltonwood 1 2 STREET IN	Type-R Inlet - 10' 18' RCP and Drive (North Half Construction - Lanceleaf St. to Chamle Type-R Inlet - 5' 24" RCP STORM SE MPROVEMENTS COP Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth)	16 16 16 16 16 16 16 16 16 16 16 16 16 1	Each L.F. MPROVEME S.Y. S.Y.	\$5,400.00 \$40.00 SUBTOTAL \$4,000.00 \$52.00 SUBTOTAL ENTS SUBTOTAL	\$5,4 \$6,6 \$4,6 \$4,6 \$4,6 \$272,6 \$272,6
Lerch Trail 1 2 Cottonwood 1 2 STREET IN	Type-R inlet - 10' 18" RCP and Drive (North Half Construction - Lanceleaf St. to Cham) Type-R inlet - 5' 24" RCP STORM SE MPROVEMENTS OOP (Subgrade Preparation (2" Behind Beck of Curb) Asphalt Pavement (9-inch full Depth) Curb & Guiter (2" Guiler x 6" Vertical Curb)	16 Deers Rd.) 1 78	Each L.F. MPROVEME S.Y. S.Y. L.F.	\$5,400.00 \$40.00 \$UBTOTAL \$4,000.00 \$52.00 \$UBTOTAL ENTS SUBTOTAL \$1.80 \$36.00 \$14.00	\$5,4,5 \$6,4 \$4,6 \$4,6 \$272,6 \$272,6 \$532,6 \$93,6
Lerch Trail 1 2 Coltonwood 1 2 STREET IN Red Bud L 1 2	Type-R inlet - 10' 18" RCP and Drive (North Half Construction - Lanceleaf St. to Chami Type-R inlet - 5' 24" RCP STORM SE MPROVEMENTS OOP Subgrade Preparation (2" Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Guller (2" Guller x 6" Vertical Curb) Sidewalk Subgrade Preparation (1" each side of walk)	16 sers Rd.) 1 78 WER SYSTEM IN 18,340 14,800 6,675 5,350	Each L.F. MPROVEME S.Y. S.Y. L.F. S.Y.	\$5,400.00 \$40.00 \$UBTOTAL \$4,000.00 \$52.00 \$UBTOTAL \$1.80 \$36.00 \$1.80	\$5, \$6, \$4, \$4, \$8, \$272, \$29, \$532, \$93, \$93, \$59,
STREET IN Red Bud L 1 2 3 4 5	Type-R Inlet - 10' 18" RCP and Drive (North Half Construction - Lanceleaf St. to Chamil Type-R Inlet - 5' 24" RCP STORM SE APROVEMENTS OOP Subgrade Preparation (2' Behind Back of Curb) Asphall Pavement (9-inch Full Depth) Curb & Gulter (2' Gulter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) B-inch thick x 5-feet Wide Concrete Sidewalk	16 Ders Rd.) 1 78 WER SYSTEM IN 16,340 14,800 6,675 5,350 31,880	Each L.F. MPROVEME S.Y. S.Y. L.F. S.Y. S.F.	\$5,400.00 \$40.00 SUBTOTAL \$4,000.00 \$52.00 SUBTOTAL ENTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$14.00	\$5,5 \$6,6 \$4,6 \$4,6 \$4,6 \$272,6 \$272,6 \$33,6 \$93,6 \$140,6
STREET IN Red Bud L 1 2 3 4 5 6	Type-R Inlet - 10' 18" RCP and Drive (North Half Construction - Lanceleaf St. to Cham) Type-R Inlet - 5' 24" RCP STORM SE MPROVEMENTS OOP Subgrade Preparation (2' Behind Back of Curb) Asphall Pavement (9-inch Full Depth) Curb & Gulter (2' Gulter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp	16.340 14.800 6,675 5,380 10	Each L.F. MPROVEME S.Y. S.Y. L.F. S.Y. E.F. Each	\$5,400.00 \$40.00 \$UBTOTAL \$4,000.00 \$52.00 \$UBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$3.200.00	\$5.4 \$6,4 \$4,6 \$4,6 \$4,6 \$272,6 \$272,6 \$93,5 \$93,5 \$94,5 \$140,5
STREET IN Red Bud L 1 2 3 4 5	Type-R Inlet - 10' 18" RCP and Drive (North Half Construction - Lanceleaf St. to Chamil Type-R Inlet - 5' 24" RCP STORM SE APROVEMENTS OOP Subgrade Preparation (2' Behind Back of Curb) Asphall Pavement (9-inch Full Depth) Curb & Gulter (2' Gulter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) B-inch thick x 5-feet Wide Concrete Sidewalk	16 Ders Rd.) 1 78 WER SYSTEM IN 16,340 14,800 6,675 5,350 31,880	Each L.F. MPROVEME S.Y. S.Y. L.F. S.Y. S.F.	\$5,400.00 \$40.00 SUBTOTAL \$4,000.00 \$52.00 SUBTOTAL ENTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$14.00	\$5, \$6, \$4, \$4, \$6, \$272, \$272,

EXHIBIT C-1 Cottonwood Highlands Filing No. 2 Residential Phase 2 Engineer's Estimate of Probable Costs for Public Infrastructure

Bud St	Test County (County)	730	S.Y.	\$1,80	\$1,31
1	Subgrade Preparation (2' Behind Back of Curb)	580	S.Y.	\$36.00	\$20,88
2	Asphalt Pavement (9-inch Full Depth)	240	L.F.	\$14.00	\$3,36
3	Curb & Gutter (2' Gutter x 6" Vertical Curb) Sklewalk Subgrade Preparation (1' each side of walk)	200	S.Y.	\$1,80	\$36
4	6-inch thick x 5-feet Wide Concrete Sidewalk	1,270	S.F.	\$4.40	\$5,58
5	6-inch thick x 5-leet wide Concrete Stoewark	1,0701		SUBTOTAL	\$31,50
Bud Co	Subgrade Preparation (2' Behind Back of Curb)	1,180	S.Y.	\$1.80	\$2,12
2	Asphalt Pavement (9-inch Full Depth)	650	S.Y.	\$36.00	\$23,40
3	Curb & Gutter (2' Gutter x 8" Vertical Curb)	420	L.F.	\$14.00	\$5,88
4	Sidewalk Subgrade Preparation (1' each side of walk)	360	S,Y.	\$1.80	\$6
5_	6-Inch Ihick x 5-feet Wide Concrete Sidewalk	2,320	S.F.	\$4.40	\$10,20
				SUBTOTAL	\$42,2
iko Lane		3,600	S.Y.	\$1.80	\$6,4
<u> 1</u>	Subgrade Preparation (2' Behind Back of Curb)	3,250	S.Y.	\$36.00	\$117.0
2	Asphalt Pavement (9-inch Full Depth)	1,510	- (.f. +	\$14.00	\$21,1
3	Curb & Gutler (2" Gutter x 6" Vertical Curb)			\$1.80	\$2,1
4	Sidewalk Subgrade Preparation (1' each side of walk)	1,170	S.Y.		\$33,0
5	6-inch thick x 5-feet Wide Concrete Sidewalk	7,500	S.F.	\$4.40	\$4,5
6	Mid-block Handicap Ramp	2	Each	\$2,280.00	
7	Truncated Domes (2' x 4' Panels)	2	Each	\$750.00	\$1,5
				SUBTOTAL	\$185,7
alea Ave	ende	7,300 (S.Y.	\$1.80	\$13,1
1	Subgrade Preparation (2' Behind Back of Curb)	6,570	S.Y.	\$36.00	\$236,5
2	Asphall Pavement (9-inch Full Depth)	3,190	L.F.	\$14.00	\$44,6
3	Curb & Gutler (2' Gutter x 6" Vertical Curb)		Š.Y.	\$1.80	\$4,3
4	Sidewalk Subgrade Preparation (1' each side of walk)	2,440		\$4.40	\$64.4
5	8-Inch thick x 5-feet Wide Concrete Sidewalk	14,645	S.F.	\$3,200.00	\$19,2
-6	Concrete Curb Ramp	6	Each	\$2,260.00	\$6,5
7	Mid-block Handicap Ramp	3	Each		
	Mid-block Handicap Ramp Truncaled Domes (2' x 4' Panels)	9	Each	\$750.00 SUBTOTAL	\$6,7 \$3 95,6
7 8 alea Wa	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb)	910	Each S.Y.	\$750.00 SUBTOTAL	\$6,7 \$395,6
7 B alea Wa	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphall Pavement (9-Inch Full Depth)	910 830	S.Y.	\$750.00 \$UBTOTAL	\$6,7 \$395,6 \$1,1 \$29,1
7 8 alea Wa 1 2	Y Subgrade Preparation (2' Behind Back of Curb) (Asphalt Pavement (9-Inch Full Depth) (Purp & Guiter (9' Guiter x 6' Vertical Curb)	910 830 290	S.Y. S.Y. L.F.	\$750.00 SUBTOTAL \$1.80 \$36.00 \$14.00	\$6,7 \$395,6 \$1,1 \$29,1
7 8 alea Wa 1 2 3	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutler x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	910 830 290 240	S.Y. S.Y. L.F. S.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80	\$6,7 \$395,1 \$1,1 \$29, \$4,1 \$
7 8 alea Wa 1 2	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphall Pavement (9-Inch Full Depth)	910 830 290	S.Y. S.Y. L.F.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$1.80 \$1.80 \$4.40	\$6, \$395,1 \$1, \$29, \$4, \$,
7 8 alea Wa 1 2 3	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutler x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	910 830 290 240	S.Y. S.Y. L.F. S.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80	\$6,7 \$395,6 \$1,1 \$29,1 \$4,1 \$5,5
7 8 alea Wa 1 2 3 4 5	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch Ihick x 5-feet Wide Concrete Sidewalk	910 830 290 240	S.Y. S.Y. L.F. S.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$1.80 \$1.80 \$4.40 \$UBTOTAL \$1.80	\$6,7 \$395,6 \$1,6 \$29,6 \$4,5 \$6,5 \$42,5
alea Wa 1 2 3 4 5	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Guiler (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch Inick x 5-feet Wide Concrete Sidewalk Subgrade Preparation (2' Behind Back of Curb)	910 830 290 240 1,530	S.Y. S.Y. L.F. S.Y. S.F.	\$750.00 SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 SUBTOTAL	\$6,7 \$395,6 \$1,1 \$29,1 \$4,1 \$6, \$42,
7 B alea Wa 1 2 3 4 5	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth)	910 910 830 290 240 1,530	S.Y. S.Y. L.F. S.Y. S.F.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$1.80 \$1.80 \$4.40 \$UBTOTAL \$1.80	\$6,7 \$395,6 \$1,1 \$29, \$4,2 \$6, \$42, \$2,2 \$42, \$7,4
7 8 alea Wa 1 2 3 4 5	Truncated Domes (2' x 4' Panels)	910 830 290 240 1,530 1,480 1,170 560	S.Y. S.Y. L.F. S.Y. S.F.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00	\$6, \$395,1 \$11, \$29, \$4, \$6, \$42, \$2, \$42, \$7,
7 8 alea Wa 1 2 3 4 5 xalea Co 1 2 3 4	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch Ihick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	910 830 290 240 1,530	S.Y. S.Y. L.F. S.Y. S.F.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00 \$1.80	\$6,5 \$395,1 \$1,1 \$29,5 \$4,5 \$6,5 \$42,5 \$42,5 \$42,5 \$7,7
7 8 alea Wa 1 2 3 4 5	Truncated Domes (2' x 4' Panels)	910 830 290 240 1,530 1,480 1,170 560 440	S.Y. S.Y. L.F. S.Y. S.Y. L.F. S.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$4.40 \$1.80 \$36.00 \$1.80 \$36.00	\$6, \$395, \$1, \$29, \$4, \$5, \$42, \$42, \$42, \$7, \$7, \$12,
7 8 alea Wa 1 2 3 4 5 xalea Co 1 2 3 4	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Street	910 830 290 240 1,530 1,480 1,170 560 440 2,830	\$.Y. \$.Y. \$.Y. L.F. \$.Y. \$.F. \$.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$36.00 \$1.80 \$4.40 \$UBTOTAL	\$6, \$395,1 \$29, \$4,\$ \$6, \$42, \$2, \$12, \$12, \$65,
7 B alea Wa 1 2 3 4 5 5 calea Co 1 2 . 3 4 4 5 5	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavernent (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavernent (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb)	910 910 830 290 240 1,530 1,480 1,170 560 440 2,830 3,460	\$.Y. \$.Y. L.F. \$.Y. \$.F. L.F. \$.Y. \$.F. \$.Y. \$.F.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$1.80 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$4.40 \$UBTOTAL \$1.80 \$356.00 \$14.00 \$1.80 \$4.40 \$1.80	\$6,395,6 \$395,6 \$1,529,1 \$4,0 \$4,0 \$4,2 \$42,1 \$42,1 \$42,1 \$12,1 \$65,1
alea Wa 1 2 3 4 5 salea Co 1 2 · 3 4 5	Truncated Domes (2' x 4' Panels) y Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Guiter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk unt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth)	9 830 290 240 1,530 1,480 1,170 560 440 2,830 3,460 2,630	\$.Y. S.Y. S.F. S.Y. S.F. S.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00 \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$1.80 \$36.00 \$36.00 \$36.00	\$6,5 \$395,6 \$29,6 \$42, \$42, \$7,5 \$12, \$65,
alea Wa 1 2 3 4 5 zalea Co 1 2 3 4 5	Truncated Domes (2' x 4' Panels) y Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch Inick x 5-feet Wide Concrete Sidewalk surt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb)	910 830 290 240 1,530 1,480 1,170 560 440 2,830	\$.Y. \$.Y. \$.Y. \$.Y. \$.Y. \$.F. \$.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40	\$6,7 \$395,6 \$1,1 \$29,1 \$4,2 \$5,5 \$42, \$12, \$65, \$65,
alea We 1 2 3 4 5 5 calea Co 1 2 5 5 cancalea f 1 2 2	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavernent (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch Ihlick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of Walk) Sidewalk Subgrade Preparation (1' each side of Walk)	910 830 290 240 1,530 1,480 1,170 560 440 2,830 3,460 2,630 1,440 1,160	\$.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.F. S.Y. S.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$51.80 \$4.40 \$51.80 \$4.40 \$51.80 \$51.80 \$51.80 \$51.80 \$51.80 \$51.80 \$51.80 \$51.80 \$51.80	\$6,7 \$395,8 \$1,1 \$29,4 \$4,1 \$4,2 \$42, \$42, \$12, \$65, \$65, \$12, \$65, \$94, \$20, \$20, \$22,
7 8 alea Wa 1 2 3 4 5 5 calea Co 1 2 . 3 4 5 5 calea Co 2 . 3 4 5 5 calea Co 2 . 3 4 5 5 calea Co 3 4 5 5 calea Co 3 4 4 5 calea Co 3 4 4 5 calea Co 3 4 4 5 calea Co 3 5 calea	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavernent (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch Ihlick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of Walk) Sidewalk Subgrade Preparation (1' each side of Walk)	910 830 290 240 1,530 1,480 1,170 560 440 2,830	\$.Y. S.Y. S.Y. S.F. S.Y. S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40	\$6,5 \$395,6 \$29,6 \$42, \$42, \$7,5 \$65, \$42, \$72, \$65, \$65,
7 8 alea We 1 2 3 4 5 5 calea Co 1 2 3 4 5 5 calea for 1 2 2 3 4 5 5 calea for 1 2 2 3 4 5 5 calea for 1 5	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) Ginch thick x 5-feet Wide Concrete Sidewalk	910 830 290 240 1,530 1,480 1,170 560 440 2,830 3,460 2,630 1,440 1,160	\$.Y. \$.Y. \$.Y. \$.F. \$.F. \$.F. \$.F. \$.F.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL	\$6, \$395,1 \$29, \$44, \$56, \$42, \$77, \$ \$12, \$66, \$94, \$20, \$2, \$22, \$22, \$23, \$24,
7 8 alea Wa 1 2 3 4 5 5 calea Co 1 2 . 3 4 5 5 calea Co 2 . 3 4 5 5 calea Co 2 . 3 4 5 5 calea Co 3 4 5 5 calea Co 3 4 5 5 calea Co 3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Truncated Domes (2' x 4' Panels) y Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Guiter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk unt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) Ginch thick x 5-feet Wide Concrete Sidewalk Ginch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp	910 830 290 240 1,530 1,480 440 2,830 3,460 2,630 1,440 1,160 6,580 4	\$.Y. S.Y. S.Y. S.F. S.Y. S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$36.00 \$1.80 \$4.40 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$2.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80	\$6, \$395,1 \$29, \$4, \$6, \$42, \$12, \$12, \$65, \$94, \$20, \$20, \$21, \$22, \$21, \$22, \$23, \$24, \$24, \$25, \$25, \$25, \$25, \$25, \$25, \$25, \$25
7 8 alea We 1 2 3 4 5 5 calea Co 1 2 3 4 5 5 calea for 1 2 2 3 4 5 5 calea for 1 2 2 3 4 5 5 calea for 1 5	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) Ginch thick x 5-feet Wide Concrete Sidewalk	9 830 290 240 1,530 1,480 1,170 560 440 2,830 3,460 2,630 1,440 1,160 6,580	\$.Y. \$.Y. \$.Y. \$.F. \$.F. \$.F. \$.F. \$.F.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$36.00 \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$51.80	\$6, \$395, \$1, \$24, \$6, \$42, \$7, \$5, \$12, \$66, \$94, \$12, \$20, \$22, \$28, \$22, \$23, \$32, \$42, \$12, \$42, \$12, \$12, \$13, \$14, \$14, \$14, \$14, \$14, \$14, \$14, \$14
7 8 alea Wa 1 2 3 4 5 5 5 5 5 6 6 7	Truncated Domes (2' x 4' Panels) y Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch Ihick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Mid-block Handloap Ramp	910 830 290 240 1,530 1,480 440 2,830 3,460 2,630 1,440 1,160 6,580 4	\$.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$36.00 \$1.80 \$4.40 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$2.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80 \$3.80	\$6, \$395, \$1, \$24, \$6, \$42, \$7, \$5, \$12, \$66, \$94, \$12, \$20, \$22, \$28, \$22, \$23, \$32, \$42, \$12, \$42, \$12, \$12, \$13, \$14, \$14, \$14, \$14, \$14, \$14, \$14, \$14
7 8 alea Wa 1 2 3 4 5 5 5 5 6 6 7 8 mceleaf	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Paverment (9-Inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch Ihick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutler (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch Ihick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	910 830 290 240 1,530 1,480 1,170 560 440 2,830 3,460 2,630 1,440 1,160 6,580 4	\$.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$34.40 \$UBTOTAL \$1.80 \$356.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$31.80 \$36.00 \$14.00 \$31.80 \$36.00 \$14.00 \$31.80 \$31.80 \$31.80 \$31.80 \$31.80	\$6, \$395, \$1, \$29, \$42, \$6, \$42, \$12, \$65, \$65, \$20, \$20, \$22, \$28, \$12, \$29, \$20, \$21, \$21, \$22, \$22, \$23, \$24, \$24, \$25, \$25, \$25, \$25, \$25, \$25, \$25, \$25
7 8 alea We 1 2 3 4 5 5 5 5 5 6 6 7 8 B	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	9 910 830 290 240 1,530 1,170 560 440 2,830 1,440 1,160 6,580 4 1 1 5	\$.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$4.40 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$31.80 \$31.80 \$31.80 \$31.80 \$31.80 \$31.80 \$31.80 \$31.80 \$31.80 \$31.80 \$31.80	\$6,7 \$395,6 \$29,4 \$4,6 \$4,6 \$42,1 \$42,1 \$12,1 \$65,1 \$12,1 \$20,1 \$20,1 \$21,2 \$2
7 8 alea Wa 1 2 3 4 5 5 2 3 4 5 5 6 7 8 mceleaf 1 2 2 3 4 5 5 6 7 8 mceleaf 1 2 2 3 4 5 5 6 7 8 8 mceleaf 1 2 2 3 4 5 5 6 6 7 7 8 8 mceleaf 1 2 2 3 4 5 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Truncated Domes (2' x 4' Panels) y Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih) Curb & Guiter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk unt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih) Curb & Gutter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih) Curb & Gutter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch linick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Mid-black Handicap Ramp Truncated Domes (2' x 4' Panels) Place Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih)	9 910 830 290 240 1,530 1,480 440 2,830 1,440 1,160 6,580 4 1 1 5 5	\$.Y. \$.Y. \$.Y. \$.Y. \$.Y. \$.Y. \$.Y. \$.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$3.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00	\$6,7 \$395,6 \$29,6 \$29,6 \$42, \$42, \$7,6 \$12, \$65, \$94, \$20, \$20, \$2, \$22, \$23, \$12, \$24, \$25, \$25, \$27, \$27, \$27, \$27, \$27, \$27, \$27, \$27
7 8 alea Wa 1 2 3 4 5 5 5 6 6 7 8 mceloaf 1 2 3 3 4 5 5 6 7 8	Truncated Domes (2' x 4' Panels) Subgrade Preparation (2' Behind Back of Curb) Asphalt Paverment (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk nurt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavernent (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavernent (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Mid-black Handicap Ramp Truncated Domes (2' x 4' Panels) Place Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavernent (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Asphalt Pavernent (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Asphalt Pavernent (9-inch Full Depth)	910 830 290 240 1,530 1,480 1,170 560 440 2,830 1,440 1,160 6,580 4 1 1 5	\$.Y. \$.Y. \$.Y. \$.F. \$.Y. \$.Y. \$.Y. \$.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$1.80 \$4.40 \$1.80 \$51.80	\$6,7 \$395,6 \$1,1 \$29,1 \$4,2 \$42,1 \$12,1 \$65,1 \$94,2 \$20,1 \$2,2 \$2,2 \$12,2 \$1,2 \$1,2 \$1,2 \$1,2 \$
7 8 alea Wa 1 2 3 4 5 5 2 3 4 5 5 6 7 8 mceleaf 1 2 2 3 4 5 5 6 7 8 mceleaf 1 2 2 3 4 5 5 6 7 8 8 mceleaf 1 2 2 3 4 5 5 6 6 7 7 8 8 mceleaf 1 2 2 3 4 5 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 mceleaf 1 2 2 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Truncated Domes (2' x 4' Panels) y Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih) Curb & Guiter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk unt Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih) Curb & Gutter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Street Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih) Curb & Gutter (2' Gutter x 6'' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch linick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Mid-black Handicap Ramp Truncated Domes (2' x 4' Panels) Place Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih)	9 910 830 290 240 1,530 1,480 440 2,830 1,440 1,160 6,580 4 1 1 5 5	\$.Y. \$.Y. \$.Y. \$.Y. \$.Y. \$.Y. \$.Y. \$.Y.	\$750.00 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$UBTOTAL \$1.80 \$4.40 \$UBTOTAL \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$3.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00 \$7.200.00	\$6,5 \$395,6 \$29,6 \$42,6 \$42,6 \$42,6 \$12,6 \$65,6 \$94,6 \$20,6 \$20,6 \$20,6 \$20,6 \$21,6 \$22,6 \$3,6 \$170,6 \$3,6 \$42,6 \$3,6 \$42,6 \$4

EXHIBIT C-1

Cottonwood Highlands Filing No. 2

Residential Phase 2

Engineer's Estimate of Probable Costs for Public Infrastructure

5 6 7 8 9 10 MOBILIZATIO 1 SURVEYING: 1 CONSTRUCTI 1	Mobilization @ 5% Surveying @ 3% ION MANAGEMENT / TESTING: Construction Management / Testing @ 12% CY: Contingency @ 10%	PUBLIC IF	MPROVEME	\$250.00 \$250.00 \$250.00 \$500.00 \$250.00 \$250.00 \$1.250.00 \$1.250.00 PING SUBTOTAL SUBTOTAL	\$86,0 \$1,7/ \$2; \$6,0 \$2,55 \$34,8 \$2,759,6 \$137,9 \$82,7 \$331,1 \$275,9 \$827,6
6 7 8 9 10 MOBILIZATIO 1 SURVEYING: 1 CONSTRUCTI	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light N: Mobilization @ 5% Surveying @ 3% Surveying @ 3% Construction Management / Testing @ 12% CY:	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,7! \$2: \$6,0! \$2: \$5 \$22,5 \$34,8 \$2,759,6 \$137,9 \$82,7
6 7 8 9 10 MOBILIZATIO 1 SURVEYING: 1 CONSTRUCTI	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light N: Mobilization @ 5% Surveying @ 3% Surveying @ 3% Construction Management / Testing @ 12% CY:	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,7! \$2: \$6,0! \$2: \$5 \$22,5 \$34,8 \$2,759,6 \$137,9 \$82,7
6 7 8 9 10 MOBILIZATIO 1 SURVEYING: 1 CONSTRUCTI	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light N: Mobilization @ 5% Surveying @ 3% Surveying @ 3% Construction Management / Testing @ 12% CY:	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,7! \$2: \$6,00 \$2 \$5 \$22,5 \$34,8 \$2,759,6 \$137,9 \$82,7
6 7 8 9 10 MOBILIZATIO SURVEYING: 1 CONSTRUCTI	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light N: Mobilization @ 5% Surveying @ 3% ION MANAGEMENT / TESTING:	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,7! \$2: \$6,00; \$2 \$5 \$22,5 \$34,8 \$2,759,6 \$137,9
6 7 8 9 10 MOBILIZATIO SURVEYING: 1 CONSTRUCTI	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light N: Mobilization @ 5% Surveying @ 3% ION MANAGEMENT / TESTING:	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,7! \$2: \$6,00; \$2 \$5 \$22,5 \$34,8 \$2,759,6 \$137,9
6 7 8 9 10	Stop Signs wStreet Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light N: Mobilization @ 5%	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,7! \$2: \$6,00 \$2: \$5 \$22,5 \$34,8 \$2,759,6
6 7 8 9 10	Stop Signs wStreet Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light N: Mobilization @ 5%	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,7! \$2: \$6,00 \$2: \$5 \$22,5 \$34,8 \$2,759,6
6 7 8 9 10	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,74 \$2,0 \$6,0 \$2,0 \$5,0 \$22,5 \$34,8 \$2,759,6
6 7 8 9 10	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,74 \$2,0 \$6,0 \$2,0 \$5,0 \$22,5 \$34,8 \$2,759,6
6 7 8 9	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign Street Light	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,74 \$2,0 \$6,0 \$2,0 \$5,0 \$22,5 \$34,8 \$2,759,6
6 7 8 9	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,73 \$23 \$6,00 \$22 \$5 \$22,5 \$34,8
6 7 8 9	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign	12 1 2 18 SIGNAGE	Each Each Each Each AND STRI	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00 PING SUBTOTAL	\$1,73 \$23 \$6,00 \$22 \$5 \$22,5 \$34,8
6 7 8 9	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign	12 1 2 18	Each Each Each Each	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00	\$1,75 \$25 \$6,00 \$2 \$5 \$22,5
6 7 8 9	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign	12 1 2 18	Each Each Each Each	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00	\$1,7 \$2 \$6,0 \$2 \$5 \$22,5
6 7 8 9	Stop Signs w/Street Name "Speed Limit 25" Sign "Speed Limit 40" Sign	12 1 2 18	Each Each Each Each	\$250.00 \$500.00 \$250.00 \$250.00 \$1,250.00	\$1,7 \$2 \$6,0 \$2 \$5 \$22,5
6 7 8	Stop Signs w/Street Name "Speed Limit 25" Sign	12	Each Each	\$250.00 \$500.00 \$250.00 \$250.00	\$1,7 \$2 \$6,0 \$2 \$5
6 7	Slop Signs w/Street Name	12	Each	\$250.00 \$500.00	\$1,7 \$2 \$6,0 \$2
6	"Right Lane Must Turn Right" Sign			\$250.00	\$1,7 \$2
		4	Each		\$1,7
	"No Outlet" Sign	7	Each		
	Thermoplastic Turn Arrow	4	Each	\$200.00	
3	2'x10' Crosswalk	90	L.F.	\$10.00	\$9
1	4-Inch Double Yellow Epoxy Pavement Marking	2,200	L.F.	\$0,75	\$1,6
	AND STRIPING 8-Inch White Epoxy Pavement Marking	390	L.F.	\$0.75	\$2
	,	STREET IN	IPROVEME	NTS SUBTOTAL	\$2,452,0
				_	
8	Back of curb trench drain	2,020	L.F.	SUBTOTAL	\$377,7
7	Truncaled Domes (2' x 4' Pane's)	2 2 2 2 2 2 2	Each L.F.	\$750.00 \$18.00	\$1,5 \$36,3
6	Concrete Curb Ramp	2	Each	\$3,200,00	\$6,4
5	6-Inch Ihick x 5-feet Wide Concrete Sidewalk	9,500	S.F.	54.40	\$41,8
3 4	Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	1,550	S.Y.	\$1.80	\$2.7
2	Asphalt Pavement (9-inch Full Depth)	1,970	L.F.	\$14.00	\$27,5
1	Subgrade Preparation (2' Behind Back of Curb)	7,780 6,870	S.Y.	\$36.00	\$247,3
Cottonwood	Drive (North Half Construction - Lanceleaf St. to Chambe	rs Rd.)	- CV T	\$1.80	\$14,0
	Holeston Dolling is V. J. Orang.			SUBTOTAL	\$116,38
7 8	Mid-block Handicap Ramp Truncated Domes (2' x 4' Panels)	3	Each	\$750.00	\$2,25
6	Concrete Curb Ramp		Each	\$2,280.00	\$2,2
5	6-Inch thick x 5-feet Wide Concrete Sidewalk	4,340	S.F. Each	\$3,200.00	\$6,4
4	Sidewalk Subgrade Preparation (1' each side of walk)	750	S.Y.	\$1.80 \$4.40	\$1,3 \$19,0
3	Curb & Gutter /2' Gutter x 6" Vertical Curb)	1,000	L.F.	\$14.00	\$14,00
	Asphalt Pavement (9-inch Full Depth)	1,850	5.Y.	\$36.00	\$66,60
Larch Trail	Subgrade Preparation (2' Behind Back of Curb)	2,430	S.Y.	\$1.80	\$4,37
	9-Inch Inick x 5-leet Wide Concrete Stoewark	[SUBTOTAL	\$70,42
	Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk	3,290	S.F.	\$4.40	\$14,47
5	Curb & Gutter (2' Gutter x 6" Vertical Curb)	570 500	L.F.	\$1.80	\$90
3 4 5	Asphalt Pavement (9-inch Full Depth)	1,230	S.Y.	\$36.00 \$14.00	\$7,98
4	Subgrade Preparation (2' Behind Back of Curb)	1,550	S.Y.	500.00	\$44,28

The opinion of probable construction costs for Cottonwood Highlands Filing No. 1A was based on approximate quantity astimates for general Earthwork, utility work, concrete structural work, revegetation, and miscetaneous work based on the Final Construction Plans Prepared by Manhard Consulting, latest revision dated June 2014.

Quantitles were multiplied by current construction industry prices.

Quantities were multiplied by current construction industry prices.

The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

Cottonwood Highlands Filing No. 2

Engineer's Estimate of Sanitary Sewer Improvements

	18-Aug-14				
		Estimated		Estimated Unit	5. 1.1.1
Item Number	Item Description	Quantity	Unit	Cost	Subtotal
ONGITE CANITA	RY SEWER IMPROVEMENTS - Red Bud Loop				
1	8in Sanitary Sewer Main	3,273	L.F.	\$31,00	\$101,463
3	8in Sanitary Sewer Main - C900 Pipe	164	L.F.	\$36.00	\$5,904
2	4' Diameter Manholes (Normal Depth)	18	Each	\$3,400.00	\$61,200
4	4' Diameter Manholes w/ External Drop	1	Each	\$4,500.00	\$4,500
				SUBTOTAL	\$173,067
	T.			_	
ONSITE SANITA	RY SEWER IMPROVEMENTS - Red Bud Court				
1	8in Sanitary Sewer Main	195	L.F.	\$31.00	\$6,045
2	4' Diameter Manholes (Normal Depth)	1	Each	\$3,400.00	\$3,400
				SUBTOTAL	\$9,445
ONSITE SANITA	RY SEWER IMPROVEMENTS - Ginko Lane		1 60		*47.474
1	8in Sanitary Sewer Main	554	L.F.	\$31.00 \$36.00	\$17,174
2	8in Sanitary Sewer Main - C900 Pipe	242	L.F. Each	\$3,400.00	\$8,712 \$13,600
3	4' Diameter Manholes (Normal Depth)	4	Each		
				SUBTOTAL	\$39,486
- 115177 C 1 11171	DV OPINIED IMPROVEMENTS. Andre Avenue				
	ARY SEWER IMPROVEMENTS - Azelea Avenue 18in Sanitary Sewer Main	1,604	L.F.	\$31.00	\$49,724
1 2	4' Diameter Manholes (Normal Depth)	9	Each	\$3,400.00	\$30,600
	4 Dianister Mainistes (Normal Septin)			SUBTOTAL	\$80,324
				JOBIOTAL_	\$00,324
OMOTTE CANIT	ARY SEWER IMPROVEMENTS - Azelea Way				
1	8in Sanitary Sewer Main	142	L.F.	\$31.00	\$4,402
2	4' Diameter Manholes (Normal Depth)	1	Each	\$3,400.00	\$3,400
	4 Digitietes Manifectos (Normal Departy	_		SUBTOTAL	\$7,802
				JOBIOTAL_	\$1,002
ONCITE CANIT	ARY SEWER IMPROVEMENTS - Azelea Court				
ONSTIE SANTY	Bin Sanitary Sewer Main	266	L.F.	\$31.00	\$8,246
- 2	4' Diameter Manholes (Normal Depth)	1	Each	\$3,400.00	\$3,400
				SUBTOTAL	\$11,646
ONSITE SANITA	ARY SEWER IMPROVEMENTS - Lanceleaf Street				
1	8in Sanitary Sewer Main	753	L.F.	\$31.00	\$23,343
2	4' Diameter Manholes (Normal Depth)	3	Each	\$3,400.00	\$10,200
				SUBTOTAL	\$33,543
				_	
ONSITE SANITA	ARY SEWER IMPROVEMENTS - Lanceleaf Place				
1	8in Sanitary Sewer Main	385	L.F.	\$31.00	\$11,935
2	4' Diameter Manholes (Normal Depth)	2	Each	\$3,400.00	\$6,800
· ·				SUBTOTAL	\$18,735
					
ONSITE SANITA	ARY SEWER IMPROVEMENTS - Lanceleaf Point				
1	8in Sanitary Sewer Main	306	<u>L.F.</u>	\$31.00	\$9,486
2	4' Diameter Manholes (Normal Depth)] 3	Each	\$3,400.00	\$10,200
				SUBTOTAL_	\$19,686
ONSITE SANITA	ARY SEWER IMPROVEMENTS - Lanceleaf Point			401.001	045.555
1	8In Sanitary Sewer Main	642	L.F.	\$31.00	\$19,902
2	4' Diameter Manholes (Normal Depth)	_ [3	Each	\$3,400.00	\$10,200
				SUBTOTAL_	\$30,102
				QUIDTOTA!	\$423,836
CUMP CONTIN	EENCY			SUBTOTAL	→∠ →,030
SVMD CONTING	10% of Proposed Sanitary Sewer Improvement Costs	1	_	1 T	\$42,384
<u> </u>	1079 of Froposco definally device improvement dosts	<u></u>		<u></u>	4-1004

SANITARY IMPROVEMENTS TOTAL

\$466,220

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanitary Sewer Construction Plans prepared by Manhard Consulting, latest revision dated June 2014.

Quantities were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, social site conditions, final project scope, implementation

Cottonwood Highlands Filing No. 2 Engineer's Estimate of Water Improvement Infrastructure

	18-Aug-14	I Estimated	——т	Estimated Unit	
Item	Item Description	Quantity	Unit	Cost	Subtotal
Number					
ONSITE W	ATER IMPROVEMENTS - Red Bud Loop	348	L.F.	\$30.00	\$10,440
1	Min PVC Water Main	348	Each	\$400.00	\$400
2	4in - 11.25 Degree Bends w/ Kick Block			\$400.00	\$400
3	4In - 45 Degree Bends w/ Kick Block			\$500.00	\$1,000
4	4in Plug w/ 2in Blow Off	312	L.F.	\$36.001	\$11,232
_5	8In PVC Water Main	12	_	\$1,250.00	\$15,000
6	Bin Gate Valve and Box	13		\$450.00	\$5,850
7	8in - 11.25 Degrae Bends w/ Kick Block			\$450.00	\$900
8	8In - 45 Degree Bends w/ Kick Block	 - -		\$550.00	\$550
9	8in X 4in Tee w/ Kick Block	5	Each	\$550.00	\$2,750
10	ISIn X Sin Tee w/ Kick Block			\$425.00	\$2,125
11 12	8in X 12in Tee W Kick Block		Each	\$600,00	\$600
	12in DIP Water Main	373	L.F.	\$54.00	\$20,142
13	12in Gate Valve and Box	2	Each	\$1,450.00	\$2,900
14	12in Gate Valve and Box 12in - 11.25 Degree Bends w/ Kick Block	1		\$525.00	\$525
15	12in X 12in Tee w/ Kick Block			\$540.00	\$1,080
16	12in X 12in 18a W/ Kick Block		Each	\$325.00	\$325
17_	12in X 4in Reducer		Each	\$325.00	\$325
18	Std. Fire Hydrant Assy. w/ 6in Gate Valve		Each	\$3,800.00	\$19,000
19	Sio. File Hydrani Assy. W out outs Torre	<u> </u>		SUBTOTAL	\$95,544
				_	
	WATER IMPROVEMENTS - Red Bud Street				
	12in DIP Water Main	207	L.F.	\$54.00	\$11,178
			tion at	\$1,450.00	\$1,450
1		1	Each		
1 2	12in Gate Valve and Box		Each	\$550.00	\$550
1 2 3	12in Gate Valve and Box 12in X 6in Tes w/ Kick Block		Each Each	\$550.00 \$425.00	\$425
1 2 3 4	12in Gate Valve and Box 12in X 6in Tes w/ Kick Block 12in Mega Deflection Coupling		Each	\$550.00 \$425.00 \$3,800.00	\$425 \$3,800
1 2 3	12in Gate Valve and Box 12in X 6in Tes w/ Kick Block		Each Each	\$550.00 \$425.00	\$425
1 2 3 4	12in Gate Valve and Box 12in X 6in Tes w/ Kick Block 12in Mega Deflection Coupling		Each Each	\$550.00 \$425.00 \$3,800.00	\$425 \$3,800
1 2 3 4 5	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve		Each Each	\$550.00 \$425.00 \$3,800.00 SUBTOTAL	\$425 \$3,800 \$17,403
1 2 3 4 5 5 ONSITE \	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court		Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL	\$425 \$3,800 \$17,403 \$12,780
1 2 3 4 5 5 ONSITE V	12in Gate Valve and Box 12in X Gin Tes w/ Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ Gin Gate Valve WATER IMPROVEMENTS - Red Bud Court Isin PVC Water Main	35:	Each Each Each L.F.	\$550.00 \$426.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250
1 2 3 4 5 5 ONSITE V	12in Gate Valve and Box 12in X 6in Tes w Kick Block 12in X 6in Tes w Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bill Gale Valve and Box	35:	Each Each Each L.F. L.F. Each Each	\$550.00 \$425.00 \$3,800.00 SUBTOTAL \$36.00 \$1,250.00 \$450.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900
1 2 3 4 5 5 ONSITE V 1 2 3	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bin Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block	35:	Each Each Each L.F. L.F. Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$550.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550
1 2 3 4 5 5 ONSITE V	12in Gate Valve and Box 12in X 6in Tew K Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bin Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block Rin X 6in Tee w/ Kick Block	35:	Each Each Each L.F. L.F. Each Each	\$550.00 \$425.00 \$3,800.00 SUBTOTAL \$36.00 \$1,250.00 \$450.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800
1 2 3 4 5 5 ONSITE V 1 2 3	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bin Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block	35:	Each Each Each L.F. L.F. Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$550.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550
1 2 3 4 5 5 ONSITE V	12in Gate Valve and Box 12in X 6in Tew K Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bin Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block Rin X 6in Tee w/ Kick Block	35:	Each Each Each L.F. L.F. Each Each	\$550.00 \$425.00 \$3,800.00 SUBTOTAL \$36.00 \$1,250.00 \$450.00 \$550.00 \$3,800.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800
1 2 3 4 5 5 ONSITE V 1 2 3 4 5 5	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bin Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block Bin X 6in Tee w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve	35:	Each Each Each L.F. L.F. Each Each	\$550.00 \$425.00 \$3,800.00 SUBTOTAL \$36.00 \$1,250.00 \$450.00 \$550.00 \$3,800.00 SUBTOTAL	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800 \$19,280
1 2 3 4 5 5 ONSITE 1 5	12in Gate Valve and Box 12in X 6in Tes w Kick Block 12in X 6in Tes w Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bln Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block Bin X 6in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane	35:	Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 SUBTOTAL \$36.00 \$1,250.00 \$450.00 \$550.00 \$3,800.00 SUBTOTAL	\$425 \$3,800 \$17,403 \$12,760 \$1,260 \$900 \$550 \$3,800 \$19,280
1 2 3 4 5 5 ONSITE \ 1 2 3 4 5 5 ONSITE \ 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12in Gate Valve and Box 12in X 6in Tes w Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Aln Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block Bin X 6in Tee w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane Bin PVC Water Main	353	Each Each Each L.F. Each Each Each Each Each L.F. Each Each L.F. Each L.F. Each L.F. Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$550.00 \$3,800.00 \$UBTOTAL	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800 \$19,280 \$29,196 \$3,750
1 2 3 4 5 ONSITE V 1 2 3 4 5 5 ONSITE V 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in K 6in Tee Wi Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court 8in PVC Water Main 8in Gate Valve and Box 8in - 22.5 Degree Bends w/ Kick Block 8in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in PVC Water Main 8in PVC Water Main 8in Gate Valve and Box	35:	Each Each Each L.F. Each Each Each L.F. Each L.F. Each L.F. Each L.F. Each L.F. L.F. L.F. L.F. L.F. L.F. L.F. L.F	\$550.00 \$425.00 \$3,800.00 SUBTOTAL \$36.00 \$1,250.00 \$450.00 \$3,800.00 SUBTOTAL \$36.00 \$1,250.00 \$1,250.00	\$425 \$3,800 \$17,403 \$12,760 \$1,250 \$900 \$550 \$3,800 \$19,280 \$29,196 \$3,750 \$1,800
1 2 3 4 5 5 ONSITE \(\frac{1}{2} \) 3 4 5 ONSITE \(\frac{1}{2} \) 3 4 5 ONSITE \(\frac{1}{2} \) 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	12in Gate Valve and Box 12in X 6in Tes w Kick Block 12in X 6in Tes w Kick Block 12in X 6in Tes w Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bln Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block Bin X 6in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane Bln PVC Water Main Bln Gate Valve and Box Bin - 11.25 Degree Bends w/ Kick Block	35:	Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$3,800.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800 \$19,280 \$29,196 \$3,750 \$1,800 \$450
1 2 3 4 5 ONSITE V 1 2 3 4 5 5 ONSITE V 2 3 4 4 5 5 ONSITE V 1 2 3 4 4 5 5 ONSITE V 1 2 3 4 4 5 ONSITE V 1 2 3 4 5 ONSITE V 1 2 2 3 5 ONSITE V 1 2 2 5 ONSITE V 1 2 5 ON	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court (Bin PVC Water Main 2In Gate Valve and Box 5in - 22.5 Degree Bends w/ Kick Block 8in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 11.25 Degree Bends w/ Kick Block 8in - 12.55 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block	359	Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$550.00 \$3,800.00 \$3,800.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$19,280 \$19,280 \$3,750 \$1,800 \$1,800 \$450 \$3,750
1 2 3 4 5 5 ONSITE 1 2 3 4 5 5 ONSITE 1 2 3 3 4 5 5	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bin Gate Valve and Box 6in - 22.5 Degree Bends w/ Kick Block 9in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block	35:	Each Each Each L.F. Each Each Each Each L.F. Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$450.00 \$450.00 \$550.00 \$3,800.00 \$UBTOTAL \$36.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,760 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$900 \$1,100
1 2 3 4 5 5 ONSITE V 1 2 2 3 4 5 5 6	12in Gate Valve and Box 12in X 6in Tes w Kick Block 12in X 6in Tes w Kick Block 12in X 6in Tes w Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bln Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane Bln PVC Water Main Bln Gate Valve and Box Bin - 11.25 Degree Bends w/ Kick Block Bin - 22.5 Degree Bends w/ Kick Block Bin - 45 Degree Bends w/ Kick Block Bin - 45 Degree Bends w/ Kick Block Bin - 15 Degree Bends w/ Kick Block Bin - 15 Degree Bends w/ Kick Block Bin - 15 Degree Bends w/ Kick Block	35:	Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$450.00 \$450.00 \$550.00 \$3,800.00 \$UBTOTAL \$36.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,760 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$900 \$1,100 \$7,600
1 2 3 4 5 5 ONSITE 1 2 3 4 5 5 ONSITE 1 2 3 3 4 5 5	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bin Gate Valve and Box 6in - 22.5 Degree Bends w/ Kick Block 9in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block	35:	Each Each Each L.F. Each Each Each Each L.F. Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$450.00 \$450.00 \$550.00 \$3,800.00 \$UBTOTAL \$36.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,760 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$900 \$1,100
1 2 3 4 5 5 ONSITE V 1 2 2 3 4 5 5 6	12in Gate Valve and Box 12in X 6in Tes w Kick Block 12in X 6in Tes w Kick Block 12in X 6in Tes w Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bln Gate Valve and Box Bin - 22.5 Degree Bends w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane Bln PVC Water Main Bln Gate Valve and Box Bin - 11.25 Degree Bends w/ Kick Block Bin - 22.5 Degree Bends w/ Kick Block Bin - 45 Degree Bends w/ Kick Block Bin - 45 Degree Bends w/ Kick Block Bin - 15 Degree Bends w/ Kick Block Bin - 15 Degree Bends w/ Kick Block Bin - 15 Degree Bends w/ Kick Block	35:	Each Each Each L.F. Each Each Each Each L.F. Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,760 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$900 \$1,100 \$7,600
1 2 3 4 5 5 ONSITE V 1 2 3 4 4 5 5 6 7 7	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main 8in Gate Valve and Box 8in - 22.5 Degree Bends w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in PVC Water Main 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block	35:	Each Each Each L.F. Each Each Each Each L.F. Each Each Each Each Each Each Each Each	\$550.00 \$3,800.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$3,800.00 \$3,800.00 \$UBTOTAL \$36.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$900 \$1,100 \$7,600
1 2 3 4 5 5 ONSITE 1 2 3 3 4 5 5 6 6 7 ONSITE 1 ONSITE 1 1 2 1 3 1 4 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bln Gate Valve and Box Bin X 6in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane Bin PVC Water Main Bin Gate Valve and Box Bin 11.25 Degree Bends w/ Kick Block Bin - 22.5 Degree Bends w/ Kick Block Bin - 45 Degree Bends w/ Kick Block Bin - 45 Degree Bends w/ Kick Block Bin - 70 File w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Azalea Avonue	35:	Each Each Each L.F. Each Each Each L.F. Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$3,800.00 \$3,800.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,760 \$1,260 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$450 \$450 \$7,600
1 2 3 4 5 5 6 7 7 ONSITE 1	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in X 6in Tee Worden Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court [8in PVC Water Main 8in PVC Water Main 8in Assy. w/ 6in Gate Valve 8in X 6in Tee w/ Kick Block 8in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 25.5 Degree Bends w/ Kick Block 8in - 10.5 Degree Bends w/ Kick Block 8in - 25.6 Degree Bends w/ Kick Block	35:	Each Each Each L.F. Each Each Each L.F. Each Each Each Each Each Each Each Each	\$550.00 \$426.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$450 \$450 \$450 \$44,796
1 2 3 4 5 5 ONSITE \ 1 2 3 4 5 6 6 7 ONSITE \ 1 2 1 2 3 1 4 5 6 6 7 ONSITE \ 1 2 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Mega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main 8in Gate Valve and Box 8in - 22.5 Degree Bends w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gete Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 12.5 Degree Bends w/ Kick Block 8in - 15 Degree Bends w/ Kick Block 8in	35:	Each Each Each Each L.F. Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$450.00 \$3,800.00 \$UBTOTAL \$36.00 \$450.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,760 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$4,760 \$44,796
1 2 3 4 5 5 ONSITE 1 2 3 4 5 5 6 7 ONSITE 1 2 3 3 4 5 5 6 7 TO STEE 1 1 2 2 3 3 4 5 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 7 TO STEE 1 1 2 2 3 3 5 6 6 6 7 TO STEE 1 1 2 2 3 5 6 6 7 TO STEE 1 1 2 2 3 5 6 6 7 TO STEE 1 1 2 2 3 5 6 6 7 TO STEE 1 1 2 2 3 5 6 6 7 TO STEE 1 1 2 2 3	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bln Gate Valve and Box Bin X 6in Tee wi Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane Bin PVC Water Main Bin Gate Valve and Box Bin - 11.25 Degree Bends w/ Kick Block Bin - 12.5 Degree Bends w/ Kick Block Bin - 12.5 Degree Bends w/ Kick Block Bin - 45 Degree Bends w/ Kick Block Bin - 45 Degree Bends w/ Kick Block Bin - 17 Fee wi Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Azalea Avonue Bin PVC Water Mein Bin Gate Valve and Box Bin PVC Water Mein Bin Gate Valve and Box Bin PVC Water Mein Bin Gate Valve and Box Bin PVC Water Mein Bin Gate Valve and Box Bin 11.25 Degree Bends w/ Kick Block	35:	Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$3,800.00 \$3,800.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$5550.00 \$5,3,800.00 \$5,3,800.00 \$5,3,800.00 \$5,0,00 \$5,0	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$44,796 \$57,600 \$44,796
1 2 3 4 5 5 ONSITE V 1 2 3 4 4 5 5 6 7 7 ONSITE 1 2 2 3 4 4 5 5 6 7 7 ONSITE 1 2 2 3 3 4 4 5 5 6 7 7 ONSITE 1 2 2 3 3 4 4 5 5 6 7 7 ONSITE 1 2 2 3 3 4 4 5 5 6 7 7 ONSITE 1 2 2 3 3 4 4 5 5 6 7 7 ONSITE 1 2 2 3 3 4 4 5 5 6 7 7 ONSITE 1 2 2 3 3 4 4 5 5 6 7 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 3 4 4 5 5 6 7 ONSITE 1 2 3 5 6 7 ONSITE 1 2 5 6	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Kega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court [8in PVC Water Main 8in Gate Valve and Box 8in · 22.5 Degree Bends w/ Kick Block 8in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gate Valve and Box 8in · 11.25 Degree Bends w/ Kick Block 8in · 22.5 Degree Bends w/ Kick Block 8in · 45 Degree Bends w/ Kick Block 8in · 45 Degree Bends w/ Kick Block 8in · 10 Sepree Bends w/ Kick Block 8in · 10 Sepree Bends w/ Kick Block 8in · 10 Sepree Bends w/ Kick Block 8in · 11.25 Degree Bends w/ Kick Block 9in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Azalea Avenue 8in PVC Water Main 8in Gate Valve and Box 8in · 11.25 Degree Bends w/ Kick Block 8in · 12.5 Degree Bends w/ Kick Block	35:	Each Each Each Each L.F. Each Each Each Each Each Each Each Each	\$550.00 \$426.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$5550.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$550.00 \$3,800.00 \$450.00 \$450.00 \$550.00 \$450.00 \$550.00 \$450.00 \$550.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550, \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$450 \$4,760 \$44,766
1 2 3 4 5 5 ONSITE \ 1 2 3 4 5 6 6 7 \ ONSITE \ 1 2 3 4 5 6 6 7 \ ONSITE \ 1 2 3 4 5 6 6 7 \ ONSITE \ 1 5 6 6 7 \ 1 5 6 6 7 \ 1 6 7 \ 1 7 \ ONSITE \ 1 5 6 6 7 \ 1 7	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Kega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main Bin Gate Valve and Box 8in - 22.5 Degree Bends w/ Kick Block 9in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gete Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 12.5 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block 8in - 45 Degree Bends w/ Kick Block 8in X 6in Tee w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Azalea Avenue 8in PVC Water Mein 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 9in PVC Water Mein 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block	35:	Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$3,800.00 SUBTOTAL \$36.00 \$1,250.00 \$450.00 \$3,800.00 SUBTOTAL \$36.00 \$450.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$550.00 \$3,800.00 \$3,800.00 \$3,800.00 \$3,800.00 \$3,800.00 \$3,800.00 \$450.00 \$550.00 \$450.00 \$450.00 \$550.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$19,280 \$19,280 \$450 \$450 \$450 \$450 \$47,600 \$44,796 \$57,600 \$44,796 \$57,600 \$450 \$57,600 \$57,600 \$57,600
1 2 3 4 5 5 ONSITE 1 2 3 4 5 5 6 6 7 T	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in Keya Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main 8in Gate Valve and Box 8in - 22.5 Degree Bends w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 12.5 Degree Bends w/ Kick Block 8in - 12.5 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 15 Degree Bends w/ Kick Block 8in - 11.25 Degree Bends w/ Kick Block 8in - 12.25 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block	35:	Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$450.00 \$3,800.00 \$3,800.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$550.00 \$3,800.00 \$3,800.00 \$450.00 \$450.00 \$550.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,780 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,800 \$450 \$44,796 \$44,796 \$57,600 \$44,796 \$57,600 \$45,750 \$8,750 \$1,100 \$44,796 \$8,750
1 2 3 4 5 6 7 7 ONSITE 1 2 3 4 5 6 6 7 7	12in Gate Valve and Box 12in X 6in Tee w/ Kick Block 12in X 6in Tee w/ Kick Block 12in Kega Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court (Bin PVC Water Main Blin Gate Valve and Box (Bin - 22.5 Degree Bends w/ Kick Block (Bin X 6in Tee w/ Kick Block (Bin X 6in Tee w/ Kick Block (Bin Y 6in Tee w/ Kick Block (Bin - 12.5 Degree Bends w/ Kick Block (Bin - 12.5 Degree Bends w/ Kick Block (Bin - 12.5 Degree Bends w/ Kick Block (Bin - 22.5 Degree Bends w/ Kick Block (Bin - 45 Degree Bends w/ Kick Block (Bin - 12.5 Degree Bends w/ Kick Block (Bin - 11.25 Degree Bends w/ Kick Block (Bin X 4in Tee w/ Kick Block (Bin X 6in Tee w/ Kick Block	35:	Each Each Each Each Each Each Each Each	\$550.00 \$426.00 \$3,800.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$550.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$550.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,760 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,100 \$7,600 \$44,796 \$8,760 \$2,700 \$455 \$1,150
1 2 3 4 5 5 ONSITE 1 2 3 4 5 5 6 6 7 T	12in Gate Valve and Box 12in X 6in Tee wi Kick Block 12in X 6in Tee wi Kick Block 12in Keya Deflection Coupling Std. Fire Hydrant Assy. w/ 6in Gate Valve WATER IMPROVEMENTS - Red Bud Court Bin PVC Water Main 8in Gate Valve and Box 8in - 22.5 Degree Bends w/ Kick Block Std. Fire Hydrant Assy, w/ 6in Gate Valve WATER IMPROVEMENTS - Ginko Lane 8in PVC Water Main 8in Gate Valve and Box 8in - 11.25 Degree Bends w/ Kick Block 8in - 12.5 Degree Bends w/ Kick Block 8in - 12.5 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block 8in - 15 Degree Bends w/ Kick Block 8in - 11.25 Degree Bends w/ Kick Block 8in - 12.25 Degree Bends w/ Kick Block 8in - 22.5 Degree Bends w/ Kick Block	35:	Each Each Each Each Each Each Each Each	\$550.00 \$425.00 \$3,800.00 \$UBTOTAL \$36.00 \$1,250.00 \$450.00 \$450.00 \$3,800.00 \$3,800.00 \$3,800.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$550.00 \$550.00 \$3,800.00 \$450.00 \$550.00 \$550.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00	\$425 \$3,800 \$17,403 \$12,760 \$1,250 \$900 \$550 \$3,800 \$19,280 \$3,750 \$1,100 \$7,600 \$44,796 \$8,760 \$2,700 \$455 \$1,150

Cottonwood Highlands Filing No. 2 Engineer's Estimate of Water Improvement Infrastructure

	v	State of the		ACILICAL IIINGSIIGGI	
item	18-Aug-14	Estimated		Estimated Unit	
Number	Item Description	Quantity	Unit	Cost	Subtotal
ONSITE W	ATER IMPROVEMENTS - Azalea Way	1		- eno noi	#2 000l
1	4in PVC Water Main	133	L.F.	\$30.00 \$950.00	\$3,990 \$950
2	4in Gate Valve and Box		Each Each	\$500.00	\$500
3	4in Plug w/ 2in Blow Off		LDWI	SUBTOTAL	\$5,440
				SUBTUTAL_	\$3,440
ONCITE M	ATER IMPROVEMENTS - Azalea Court				
I 1	12in DIP Water Main	317	L.F.	\$54.00	\$17,118
2	12in Gate Valve and Box	1	Each	\$1,450.00	\$1,450
3	12in X 6in Tee w/ Kick Block	1	Each	\$550.00	\$550
4	12in Mega Deflection Coupling	1		\$425,00	\$425
5	Std. Fire Hydrant Assy, w/ 6in Gate Valve	1	Each	\$3,800.00	\$3,800
				SUBTOTAL_	\$23,343
			•		
ONSITE W	ATER IMPROVEMENTS - Lanceleaf Street	768		\$36.00	\$27,648
1	8in PVC Water Main		L.F. Each	\$1,250.00	\$5,000
2	8in Gate Valve and Box	- - 7	Each	\$450,00	\$900
3	Bin - 11.25 Degree Bends w/ Kick Block Bin X 4in Tee w/ Kick Block	-	Each	\$550.00	\$550
5	8in X 6in Tee w/ Nick Block	-1 -1		\$550.00	\$550
- 6	8in X 8in Tee w/ Klck Block	1		\$425.00	\$425
	Std. Fire Hydrant Assy, w/ 6in Gate Velve	1		\$3,800.00	\$3,800
<u> </u>	Joint The Figure 18 To Table 19 To Table 1			SUBTOTAL	\$38,873
ONSITE V	VATER IMPROVEMENTS - Lanceleaf Place			•	
1	8in PVC Water Main	512		\$36.00	\$18,432
2	8in Gate Valve and Box		Each	\$1,250.00	\$3,750
3	8in Mega Deflection Coupling			\$425.00	\$425
4	8in - 11.25 Degree Bends w/ Kick Block			\$450.00 \$450.00	\$450 \$450
5	8in - 45 Degree Bends w/ Kick Block			\$450.00	\$450
6	Bln - 90 Degree Bends w/ Kick Block		Each Each	\$550.00	\$550
7	8in X 6in Tee w/ Klck Block		Each	\$3,800.00	\$3,800
8	Std. Fire Hydrant Assy, w/ 6in Gate Valve		Lacit		
				_AATOTBUS	\$28,307
	ware manufacture I amend of finish				
ONSITE V	VATER IMPROVEMENTS - Lanceleaf Point	331	L.F.	\$30.00	\$9,930
1 2	4in PVC Water Main 4in Gate Valve and Box	-		\$950.00	\$950
3	4in - 11.25 Degree Bends w/ Kick Block	1		\$400.00	\$400
4	4in - 90 Degree Bends w/ Kick Block	1		\$400.00	\$400
5	4in Plug w/ 2in Blow Off	1	Each	\$500.00	\$500
				SUBTOTAL_	\$12,180
				_	
ONSITE V	VATER IMPROVEMENTS - Larch Trail		,	T	620.750
1	Bin PVC Water Main	B32		\$36.00	\$22,752 \$2,500
2	8in Gale Valve and Box	_ 2		\$1,250.00 \$450.00	\$900
3	8ln - 11.25 Degree Bends w/ Kick Block	_ 2		\$550.00	\$550
4	8ln X 6in Tee w/ Kick Block			\$425.00	\$425
- 5	8in X 8in Tee w/ Kick Block	- 		\$3,800.00	\$3,800
6	Std. Fire Hydrant Assy. w/ 6in Gate Valve		1 1000	SUBTOTAL	\$30,927
				30010174	330,321
UEESITE	WATER IMPROVEMENTS - North Half Chmbers Road				
1	16In PVC Water Main	105	L.F.	\$60.00	\$6,300
2	16in X 12in Tee w/ Kick Block	1	Each	\$1,200.00	\$1,200
3	12in DIP Water Maln	2400		\$54.00	\$129,600
4	12in Gale Vlave and Box	7		\$1,450.00	\$10,150
5	12In X 6In Tee w/ Kick Block	4		\$550.00	\$2,200
6	12in X 8in Tee w/ Kick Block			\$600.00	\$600
7	12In X 12In Tee w/ Kick Block			\$540.00 \$600.00	\$540 \$600
8	12in X 12in Cross			\$325.00	\$325
9	16In to 12in Reducer			\$500.00	\$500
10	12in Plug w/ 2in Blow Off 8in PVC Water Main	116		\$36.00	\$4,176
11	8in Gate Valve and Box			\$1,250.00	\$1,250
13	8in Plug w/ 2in Blow Off	- 		\$550.00	\$550
14	6in DIP Water Main	140		\$30.00	\$4,200
15	Metal Sleeve at Crossing	150		\$150.00	\$22,500
16	Std. Fire Hydrant Assy, w/ 6in Gate Valve		Each	\$3,800.00	\$15,200
				SUBTOTAL	\$199,891
				JUDIO IAL_	#100,001
					\$593,534
PWSD CO	ONTINGENCY			,	
1	10% of Water infrastructure Improvement Costs		J		\$59,353
				SUBTOTAL	\$652,887
				0001017E_	+20E/001
		WATER	IMPRO\	/EMENTS TOTAL	\$652,887

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Weier and Sanitary Sewor Construction Plans prepared by Manhard Constitution, latest revision dated three 2014.

Cuantities were multiplied by current construction industry prizes. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or fluoring requirements, have been prepared for produces in project evaluation and implementation from the information evaluates at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, compositive market conditions, actual site conditions, final project

EXHIBIT C-1 Cottonwood Highlands Filing No. 2 Commercial District 2 Engineer's Estimate of Probable Costs for Public Infrastructure

ROADWAY & DRAINAGE

	44 4 4 4				
	18-Aug-14	1		Estimated	
		Enterolog		Unit	
Item		Estimated	Unit	Cost	Subtotal
Number		Quantity	Unit	Cost	Suptotal
TORM SEV	WER SYSTEM IMPROVEMENTS				
	Storm and Detention		-AC I	\$7,600,00	\$57.0
1	Storm Sewer Infrastructure	8	AC AC		
2	Storm Sewer Infrastructure	8	AC]	\$8,892.00 SUBTOTAL	\$71,1 \$128,1
Parcel C2 -	Storm Lateral				
1	Type-R Inlet - 5'	2	Each	\$4,000.00	\$8,0
2	Type-R Inlet - 10'	1	Each	\$5,400.00	\$5,4
3	4' ID Storm Manhole	2	Each	\$2,800.00	\$5.6
4	5' ID Storm Manhole	2	Each	\$3,200.00	\$6,4
5	AP Manhole	2	Each	\$50,000.00	\$100,0
6	30" RCP	430	L.F.	\$65.00	\$27.9
7	48" RCP	32	L.F.	\$105.00	\$3,3
				SUBTOTAL	\$156,7
Parcel C3 -	Storm Lateral			Na	A107 -
1	Storm Sewer Infrastructure	26	AC	\$7,600.00	\$197,6
2	Storm Water Detention	26	AC_	\$6,669.00	\$173,3
				SUBTOTAL_	\$370,9
	me Drainage	460	L.F.	\$1,130.00	\$519,6
1	5' x 12' RC Box Culvert		L.F.	\$1,440.00	\$432.0
2	6' x 16' RC Box Culvert	300		6000.00	
3	6' x 16' RC Box Culvert Concrete Drainage Head Wall	80	C,Y.	\$800.00	
3 4	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall	80 20	C.Y.	\$800.00	\$16,0
3	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders	80 20 220	C,Y. C.Y. C.Y,		\$64,0 \$16,0 \$27,5 \$1,059,3 \$1,715,1
3 4 5	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders	80 20 220	C,Y. C.Y. C.Y,	\$800.00 \$125.00 SUBTOTAL	\$16,0 \$27,5 \$1,059,3
3 4 5 STREET IM	6'x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW	80 20 220 220 ER SYSTEM IM	C.Y. C.Y. C.Y.	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL	\$16,0 \$27,5 \$1,059,3 \$1,715,1
3 4 5 STREET IM	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb)	80 20 220 220 ER SYSTEM IM	C,Y. C.Y. C.Y. PROVEME	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1
3 4 5 STREET IM Parcel C1 - 1 2	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Well Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth)	20 20 220 ER SYSTEM IM	C.Y. C.Y. C.Y. PROVEME	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4
3 4 5 STREET IM	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Well Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depih) Curb & Gutter (2' Gutter x 6" Vertical Curb)	20 220 220 VER SYSTEM IM 2,300 2,040 1,330	C,Y. C.Y. C.Y. PROVEME	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6
3 4 5 STREET IM Parcel C1 - 1 2 3 4	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depih) Curb & Gutter (2' Gutter x 6" Verifical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	20 20 220 ER SYSTEM IM 2,300 2,040 1,330 620	C.Y. C.Y. C.Y. PROVEME	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$1,4
3 4 5 STREET IM Parcel C1 - 1 2 3	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	2,300 2,300 2,300 2,040 1,330 820 5,900	C.Y. C.Y. C.Y. PROVEME S.Y. S.Y. L.F. S.Y. S.F.	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$1,25,9
3 4 5 STREET IM Parcol C1 - 1 2 3 4	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 8-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp	2,300 2,040 2,040 2,040 1,330 820 5,900 4	C.Y. C.Y. C.Y. SPROVEME S.Y. S.Y. L.F. S.Y. S.F. Each	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00	\$16,0 \$27,6 \$1,059,0 \$1,715,1 \$4, \$73,6 \$18,6 \$1,715,1
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	2,300 2,300 2,300 2,040 1,330 820 5,900	C.Y. C.Y. C.Y. PROVEME S.Y. S.Y. L.F. S.Y. S.F.	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$7,50.00	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$1,4 \$25,5 \$12,6 \$3,0
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 8-Inch thick x 5-leet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels)	2,300 2,040 2,040 2,040 1,330 820 5,900 4	C.Y. C.Y. C.Y. SPROVEME S.Y. S.Y. L.F. S.Y. S.F. Each	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00	\$16,0 \$27,6 \$1,059,0 \$1,715,1 \$4,1 \$73,6 \$18,6 \$18,6 \$12,6 \$31,0
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depih) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels)	2,300 2,300 2,040 1,330 620 5,900 4	C.Y. C.Y. C.Y. PROVEME S.Y. S.Y. L.F. S.Y. S.F. Each	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$7,50.00	\$16,0 \$27,6 \$1,059,0 \$1,715,1 \$4,7 \$73,6 \$18,6 \$1,2 \$25,9 \$12,6 \$3,0
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4" Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb)	2,300 2,300 2,040 1,330 820 5,900 4 4	S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.F. Each	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$14.00 \$1.80 \$4.40 \$3,200.00 \$7,50.00 SUBTOTAL	\$16,0 \$27,6 \$1,059,3 \$1,715,1 \$4,1 \$73,6 \$18,6 \$12,6 \$312,6 \$3,0 \$139,4
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4" Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth)	2,300 2,040 2,040 1,330 820 5,900 4 4	C.Y. C.Y. C.Y. S.Y. S.Y. L.F. S.Y. S.F.: Each Each	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$3,200.00 \$760.00 SUBTOTAL	\$16,0 \$27,6 \$1,059,3 \$1,715,1 \$4,- \$73,4 \$18,6 \$1,2 \$25,5 \$12,6 \$139,4 \$10,4 \$10,4 \$10,4 \$10,4
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1" each side of walk) 8-Inch thick x 5-leet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2" x 4" Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2" Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Curb & Gutter (2' Gutter x 6" Vertical Curb) Curb & Gutter (2' Gutter x 6" Vertical Curb)	2,300 2,300 2,040 1,330 8,20 5,900 4 4 4 5,832 5,070 730	C.Y. C.Y. C.Y. PROVEME S.Y. S.Y. L.F. S.Y. S.F. Each Each	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$4.40 \$3,200.00 \$760.00 SUBTOTAL \$36.00 \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4, \$73,4 \$18,6 \$1,2 \$25,5 \$12,6 \$3,0 \$139,4
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4" Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	2,300 2,300 2,040 1,330 620 5,900 4 4 5,832 5,070 730 1,250	C.Y. C.Y. C.Y. S.Y. S.Y. L.F. S.Y. Each Each S.Y. L.F. S.Y. S.F. Each S.Y. S.Y. S.F.	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$3,200.00 \$750.00 SUBTOTAL \$1.80 \$36.00 \$1.80 \$1.80 \$1.80 \$1.80	\$16,0 \$27,6 \$1,059,0 \$1,715,1 \$4,1 \$73,6 \$18,6 \$25,5 \$12,6 \$3,0 \$139,4 \$10,4 \$10,2 \$10,2 \$10,2 \$10,2 \$10,2 \$10,2 \$10,2
3 4 5 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4" Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	2,300 20 220 320 320 320 320 320 320 320 320 3	S.Y. S.Y. L.F. S.Y. Each Each S.Y. S.Y. L.F. S.Y. S.F. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$3,200.00 \$760.00 SUBTOTAL \$1.80 \$36.00 \$1.80 \$36.00 \$1.80	\$16,0 \$27,6 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$11,8 \$25,5 \$12,6 \$3,0 \$139,4 \$10,4 \$10,5 \$
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Concrete Drainage Cutoff Well Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-leet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depth) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp	2,300 20 220 320 320 320 320 320 320 320 320 3	C.Y. C.Y. C.Y. C.Y. SPROVEME S.Y. S.Y. L.F. S.Y. Each Each S.Y. S.Y. Each Each S.Y. S.Y. Each Each	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 SUBTOTAL \$1.80 \$36.00 \$1.80 \$4.40 \$3,20.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$1,4 \$25,5 \$12,8 \$3,0 \$139,4 \$10,2 \$10,2 \$10,2 \$10,2 \$10,2 \$10,2 \$10,5 \$1
3 4 5 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4" Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	2,300 20 220 320 320 320 320 320 320 320 320 3	S.Y. S.Y. L.F. S.Y. Each Each S.Y. S.Y. L.F. S.Y. S.F. Each Each S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL \$1.80 \$36.00 \$14.00 \$3,200.00 \$760.00 SUBTOTAL \$1.80 \$36.00 \$1.80 \$36.00 \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$12,5 \$310,4 \$182,5 \$310,4 \$182,5 \$310,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$1,715,1
3 4 5 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depih) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels)	2,300 20 220 320 320 320 320 320 320 320 320 3	C.Y. C.Y. C.Y. C.Y. SPROVEME S.Y. S.Y. L.F. S.Y. Each Each S.Y. S.Y. Each Each S.Y. S.Y. Each Each	\$800.00 \$125.00 SUBTOTAL NTS SUBTOTAL NTS SUBTOTAL \$36.00 \$14.00 \$1.80 \$3,200.00 \$7,50.00 SUBTOTAL \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$12,5 \$310,4 \$182,5 \$310,4 \$182,5 \$310,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$1,715,1
3 4 5 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depih) Curb & Gutter (2' Gutter x 5' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels)	2,300 20 220 320 320 320 320 320 320 320 320 3	S.Y. S.Y. L.F. S.Y. S.Y. L.F. S.Y. L.F. S.Y. S.F. Each Each Each Each	\$1.80 \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1,715,1 \$4,1,715,1 \$13,4 \$18,6 \$12,6 \$10,4 \$10,4 \$10,4 \$10,4 \$10,4 \$10,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7 Parcel C2 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive East Street Improvements Subgrade Preparation (2' Behind Back of Curb) Cottonwood Drive East Street Improvements Subgrade Preparation (2' Behind Back of Curb)	80 20 220 220 220 220 220 2300 2,040 1,330 820 5,900 4 4 4 5,832 5,070 730 1,250 8,060 2 2	C.Y. C.Y. C.Y. C.Y. SPROVEME S.Y. S.Y. L.F. S.Y. S.F. Each Each S.Y. S.Y. L.F. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S	\$800.00 \$125.00 SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$750.00 SUBTOTAL \$1.80 \$36.00 \$1.80 \$4.40 \$3,200.00 \$750.00 SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$1,4 \$25,5 \$12,6 \$3,0 \$139,4 \$10,2 \$21,2 \$21,2 \$3,5 \$10,2 \$21
3 4 5 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7 Parcel C2 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW BPROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depih) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 8-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depih) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 8-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels)	2,300 20 220 320 320 3,580 3,110	C.Y. C.Y. C.Y. C.Y. SPROVEME S.Y. S.Y. L.F. S.Y. S.F. Each Each S.Y. S.Y. L.F. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S.Y. S	\$800.00 \$125.00 SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$750.00 SUBTOTAL \$1.80 \$36.00 \$5750.00 SUBTOTAL \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$1.80 \$36.00 \$36.00 \$36.00 \$36.00 \$36.00	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,, \$73,4 \$18,6 \$1,4 \$25,5 \$12,8 \$3,0 \$139,4 \$10,4 \$10,4 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5
3 4 5 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7 Parcel C2 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4" Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depith) Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4" Panels) Cottonwood Drive East Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb)	80 20 220 220 220 220 2,300 2,040 1,330 820 5,900 4 4 4 4 2 5,832 5,070 730 1,250 8,060 2 2 2 2	C.Y. C.Y. C.Y. C.Y. S.Y. S.Y. L.F. S.Y. S.F. Each Each	\$800.00 \$125.00 SUBTOTAL \$1.80 \$36.00 \$1.80 \$4.40 \$3,200.00 \$750.00 SUBTOTAL \$1.80 \$4.40 \$3,200.00 \$750.00 SUBTOTAL \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80 \$4.40 \$3,200.00 \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$1,4 \$25,9 \$12,8 \$3,0 \$182,5 \$10,4 \$182,5 \$10,2 \$35,4 \$4,1 \$25,9 \$12,8 \$3,0 \$11,4 \$11
3 4 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7 Parcel C2 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depith) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depith) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive East Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depith) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) Sidewalk Subgrade Preparation (1' each side of walk) Sidewalk Subgrade Preparation (1' each side of walk)	80 20 220 220 220 220 2,300 2,040 1,330 820 5,900 4 4 4 2 5,832 5,070 730 1,250 8,060 2 2 2	C.Y. C.Y. C.Y. C.Y. S.Y. S.Y. L.F. S.Y. Each Each S.Y. S.Y. L.F. S.Y. S.F. Each Each	\$800.00 \$125.00 SUBTOTAL \$1.80 \$38.00 \$14.00 \$1.80 \$3.200.00 \$7.60.00 SUBTOTAL \$1.80 \$3.200.00 \$7.60.00 SUBTOTAL \$1.80 \$3.200.00 \$1.80 \$3.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1,715,1 \$4,1,715,1 \$1,715,1 \$1,2,5 \$12,6 \$1,2,6 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$1,4 \$1,4 \$1,5 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6 \$1,6
3 4 5 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7 Parcel C2 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive East Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6' Vertical Curb) Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutler x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	80 20 220 220 220 220 2,300 2,040 1,330 620 5,900 4 4 4 4 2 5,832 5,070 730 1,250 8,060 2 2 2	C.Y. C.Y. C.Y. C.Y. S.Y. S.Y. L.F. S.Y. S.F. Each Each S.Y. S.Y. L.F. S.Y. S.F. Each Each Each	\$800.00 \$125.00 SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$3,200.00 \$760.00 SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$750.00 SUBTOTAL \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$750.00	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$1,4 \$25,9 \$12,8 \$3,0 \$139,4 \$139,4 \$1,5 \$10,2 \$2,2 \$35,4 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5 \$1,5
3 4 5 5 STREET IM Parcel C1 - 1 2 3 4 5 6 7 Parcel C2 - 1 2 3 4 5 6 7	6' x 16' RC Box Culvert Concrete Drainage Head Wall Concrete Drainage Head Wall Concrete Drainage Cutoff Wall Drainage B18 Grouted Boulders STORM SEW PROVEMENTS Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depith) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive - South Half Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depith) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-Inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp Truncated Domes (2' x 4' Panels) Cottonwood Drive East Street Improvements Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-Inch Full Depith) Curb & Gutter (2' Gutter x 6' Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) Sidewalk Subgrade Preparation (1' each side of walk) Sidewalk Subgrade Preparation (1' each side of walk)	80 20 220 220 220 220 2,300 2,040 1,330 820 5,900 4 4 4 2 5,832 5,070 730 1,250 8,060 2 2 2	C.Y. C.Y. C.Y. C.Y. S.Y. S.Y. L.F. S.Y. Each Each S.Y. S.Y. L.F. S.Y. S.F. Each Each	\$800.00 \$125.00 SUBTOTAL \$1.80 \$38.00 \$14.00 \$1.80 \$3.200.00 \$7.60.00 SUBTOTAL \$1.80 \$3.200.00 \$7.60.00 SUBTOTAL \$1.80 \$3.200.00 \$1.80 \$3.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80 \$1.80	\$16,0 \$27,5 \$1,059,3 \$1,715,1 \$4,1 \$73,4 \$18,6 \$12,5 \$310,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$182,5 \$10,4 \$1,715,1

EXHIBIT C-1 Cottonwood Highlands Filing No. 2

Commercial District 2 Engineer's Estimate of Probable Costs for Public Infrastructure

rcol C2 -	Jordan Road Widening Street Improvements	3,740	S.Y.	\$1.80	\$6,73
_1	Subgrade Preparation (2' Behind Back of Curb)	3,160	S.Y.	\$36.00	\$113,76
	Asphalt Pavement (9-inch Full Depth)	1,830	L.F.	\$14.00	\$25,62
3	Curb & Gutter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	1,460	S.Y.	\$1.80	\$2,62
4	Sidewalk Subgrade Preparation (1 each side of walk)	9,400	S.F.	\$4.40	\$41,36
5	6-inch thick x 5-feet Wide Concrete Sidewalk	4	Each	\$3,200.00	\$12,80
6	Concrete Curb Ramp	4	Each	\$750,00	\$3,00
7	Truncated Domes (2' x 4' Panels)			SUBTOTAL	\$205,90
arcel C2 -	Parkerhouse Road Widening Street Improvements				
1	Subgrade Preparation (2' Behind Back of Curb)	1,850	S.Y.	\$1.80	\$3.33
	Asobalt Pavement (9-inch Full Depth)	1,350	S.Y.	\$36.00	\$48,60
- 5	Curb & Gutter (2' Gutter x 6" Vertical Curb)	1,000	L.F.	\$14.00	\$14,0
4	Sidewalk Subgrade Preparation (1' each side of walk)	780	S.Y.	\$1,80	\$1,4
- 5	6-inch thick x 5-feet Wide Concrete Sidewalk	5,000	S.F.	\$4.40	\$22,0
6	Concrete Curb Ramp	6	Each	\$3,200.00	\$19,2
7	Truncated Domes (2' x 4' Panels)	6	Each	\$750.00	\$4,5
				SUBTOTAL	\$113,0
arcel C3	- Street improvements	1,180	S.Y.	\$1.80	\$2.1
1	Subgrade Preparation (2' Behind Back of Curb)	1,030	S.Y.	\$36.00	\$37.0
2	Asphalt Pavement (9-inch Full Depth)	900	L.F.	\$14,00	\$12,6
3	Curb & Gutter (2' Gutter x 6" Vertical Curb)		S.Y.	\$1,80	\$1,2
4	Sidewalk Subgrade Preparation (1' each side of walk)	700	S.F.	\$4,40	\$19.0
5	6-inch thick x 5-feet Wide Concrete Sidewalk	4,500		\$3,200.00	\$6.4
6	Concrete Curb Ramp	2	Each	\$750.00	\$1,
7	Truncated Domes (2' x 4' Panels)	2	Each	\$150,001	<u> </u>
		STREET IN	PROVEMEN	SUBTOTAL	
SIGNAGE	E AND STRIPING	STREET IN	PROVEMEN		
	- Signage and Striping			ITS SUBTOTAL	\$469,
	- Signage and StripIng [8-Inch White Epoxy Pavement Marking	1,480	L.F.	ITS SUBTOTAL	\$469,
arcel C2	- Signage and Striping	1,480 2,400	L.F.	\$0.75 \$0.75	\$469, \$1, \$1,
arcel C2	- Signago and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2'x10' Crosswalk	1,480 2,400 250	L.F. L.F. L.F.	\$0.75 \$0.75 \$0.75 \$10.00	\$469, \$1, \$1, \$2,
arcel C2	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 12'x10' Crosswalk Themoplastic Turn Arrow	1,480 2,400 250 15	L.F. L.F. L.F. Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00	\$469, \$1, \$1, \$2, \$3,
arcel C2 1 2 3	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign	1,480 2,400 250 15	L.F. L.F. L.F. Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00	\$469, \$1, \$1, \$2, \$3, \$1.
arcel C2 1 2 3 4 5	- Signege and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow Right Lane Must Turn Right* Sign Stop Signs w/Street Name	1,480 2,400 250 15 6	L.F. L.F. L.F. Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00	\$469, \$1, \$1, \$2, \$3, \$1,
1 2 3 4	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign	1,480 2,400 250 15 6 2 2	L.F. L.F. Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469, \$1, \$1, \$2, \$3, \$1, \$1,
1 2 3 4 5 6	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign	1,480 2,400 250 15 6	L.F. L.F. L.F. Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00	\$469, \$1, \$1, \$2, \$3, \$1, \$1,
2 3 4 5 6 7	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign	1,480 2,400 250 15 6 22 2	L.F. L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469, \$1, \$1, \$2, \$3, \$1, \$1, \$3,
2 3 4 5 6 7	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Streat Name "Road Closed" Sign	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00 \$450.00	\$469, \$1, \$1, \$2, \$3, \$1, \$1, \$3,
1 2 3 4 5 6 7 8	- Signego and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow "Right Lene Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign Road Closed Type III Barrier Panels ON:	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469, \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$1, \$1, \$1, \$1, \$1
1 2 3 4 5 6 7 8	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yelkow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign Road Closed Type III Barrier Panels	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469,4 \$1, \$1, \$2, \$3, \$1, \$1, \$2, \$1, \$2, \$3, \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$1, \$1, \$1, \$1, \$1
arcel C2 1 2 3 4 5 6 7 8 BILIZATI	- Signago and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yelkow Epoxy Pavement Marking 2x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign Road Closed Type III Barrier Panels ON: Mobilization @ 5%	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469,4 \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$2, \$2,196,
arcel C2 1 2 3 4 5 6 7 8	- Signage and StripIng 8-Inch White Epoxy Pavement Marking 4-Inch Double Yelkow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign Road Closed Type III Barrier Panels ON: Mobilization @ 5%	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469,4 \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$2, \$2,196,
Parcel C2 1 2 3 4 5 6 7 8 BILIZATI 1 RVEYING 1	- Signago and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yelkow Epoxy Pavement Marking 2x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign Road Closed Type III Barrier Panels ON: Mobilization @ 5% S: Surveying @ 3%	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469,0 \$1,1 \$1,1 \$2,2 \$3,1 \$1,1 \$1,2 \$2,196,1 \$109,
arcel C2 1 2 3 4 5 6 7 8 BILIZATI	- Signage and StripIng 8-Inch White Epoxy Pavement Marking 4-Inch Double Yelkow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow 'Right Lane Must Turn Right' Sign Stop Signs w/Street Name 'Road Closed' Sign Road Closed Type III Barrier Panels ON: Mobilization @ 5% Surveying @ 3%	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$80,7 \$469,0 \$1, \$1,4 \$2,5 \$3,3 \$1,5 \$1,6 \$12,1 \$2,196,5 \$109,6 \$65,5
Parcel C2 1 2 3 4 5 6 7 8 BILIZATI 1 1 RVEYING 1 NSTRUC 1	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yelkow Epoxy Pavement Marking 2×10' Crosswalk Thermoplastic Turn Arrow "Right Lene Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign Road Closed Type III Barrier Panels ON: Mobilization @ 5% Surveying @ 3% TION MANAGEMENT / TESTING: Construction Management / Testing @ 12% NCY:	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469,0 \$1,1 \$1,1 \$2,2 \$3,1 \$1,1 \$1,2 \$2,196,1 \$109,
BILIZATI 1 RVEYING 1 NSTRUC	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2'x10' Crosswalk Thermoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign Road Closed Type III Barrier Panels ON: Mobilization @ 5% S: Surveying @ 3% Construction Management / Testing @ 12%	1,480 2,400 250 15 6 2 2 2 2 2 SIGNAGE	L.F. L.F. Each Each Each Each Each	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$450.00 \$450.00	\$469,0 \$1, \$1, \$2,1 \$3,1 \$1,1 \$1,2 \$1,2 \$2,196,0 \$109,0 \$65,0 \$263,0
arcel C2	- Signage and Striping 8-Inch White Epoxy Pavement Marking 4-Inch Double Yellow Epoxy Pavement Marking 2'x10' Crosswalk Themoplastic Turn Arrow "Right Lane Must Turn Right" Sign Stop Signs w/Street Name "Road Closed" Sign Road Closed Type III Barrier Panels ON: Mobilization @ 5% 3: Surveying @ 3% CTION MANAGEMENT / TESTING: Construction Management / Testing @ 12% NCY: Contingency @ 10%	1,480 2,400 250 15 6 2 2 2 SIGNAGE PUBLIC IN	L.F. L.F. Each Each Each Each AND STRIP	\$0.75 \$0.75 \$0.75 \$10.00 \$200.00 \$250.00 \$500.00 \$250.00	\$469, \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$2, \$1, \$1, \$1, \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$1, \$2, \$3, \$1, \$1, \$1, \$1, \$1, \$1, \$1, \$1

The opinion of probable construction costs for Cottonwood Highlands Filing No. 1A was based on approximate quantity estimates for general Earthwork, utility work, concrete structural work, revegetation, and miscellaneous work based on the Final Construction Plans Prepared by Manhard Consulting, latest revision dated June 2014.

Quantities were multiplied by current construction industry prices.

The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual allowed and material costs, competitive market conditions, actual allowed and project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

Cottonwood Highlands Filing No. 2 Commercial District 2

Engineer's Estimate of Water Improvement Infrastructure

Item	20-Aug-14	Estimated		Estimated Unit	
Number	Item Description	Quantity	<u>Unit</u>	Cost	Subtotal
NSITE W	ATER IMPROVEMENTS - Parcel C1	1750	Ł.F.	\$36,00	\$63,000
1	8in PVC Water Main		Each	\$1,250.00	\$7,500
2	8in Gate Valve and Box	- 6	Each	\$450.00	\$2,700
3	8in - 11.25 Degree Bends w/ Kick Block	3	Each	\$450.00	\$1,350
4	8in - 90 Degree Bends w/ Kick Block		Each	\$550.00	\$2,750
5	8in X 6in Tee w/ Kick Block		Each	\$425.00	\$42
6	8in X 8in Tee w/ Kick Block		Each	\$3,800.00	\$19,000
7	Std. Fire Hydrant Assy. w/ 6in Gate Valve		CHOIL	SUBTOTAL	\$96,72
				0001011-	
NSITE W	ATER IMPROVEMENTS - Parcel C2	2160	L.F.	\$36.00	\$77,76
1	8in PVC Water Main	9		\$1,250.00	\$11,25
2	8in Gate Valve and Box			\$450.00	\$2,70
3	8in - 11.25 Degree Bends w/ Kick Block		Each	\$450.00	\$90
4	8in - 90 Degree Bends w/ Kick Block		Each	\$550.00	\$4,40
5	Bin X 6in Tee w/ Kick Black		Each	\$425.00	\$42
6	8in X 8in Tee w/ Kick Block		Each	\$3,800.00	\$30,40
7	Std. Fire Hydrant Assy. w/ 6in Gate Valve		Lacii	SUBTOTAL	\$127,83
NSITE W	/ATER IMPROVEMENTS - Parcel C3	2280		\$36.00 \$1.250.00	\$82,08 \$10.00
	8in PVC Water Main		Each	\$1,250.00	\$10,00
2	Bin Gate Valve and Box Bin - 11.25 Degree Bends w/ Kick Block	6	Each	\$450.00	\$2,70
3	Bin - 90 Degree Bends w/ Kick Block	2		\$450.00	\$90
4	8in X 6in Tee w/ Kick Block	8	Each	\$550.00	\$4,40
5	8in X 8in Tee w/ Kick Block	1	Each	\$425.00	\$42
6	Std. Fire Hydrant Assy, w/ 6in Gate Valve	8	Each	\$3,800.00	\$30,40
	Sta. Hre Hydrant Assy, W. dar Gale Valve			SUBTOTAL_	\$130,90
 ION-POT	ABLE WATER IMPROVEMENTS	890	L.F.	\$60.00	\$53,4
1	18in PVC Non-Potable Water Main	890		\$3,600,00	\$3,60
2	18in Butterfly Valve and Box			\$1,200,00	\$2,40
3	18in 11.25 Degree Bends w/ Kick Block		Each		\$1.60
4	18in Plug w/ 2in Blow Off	30		\$200.00	\$6,0
5	30in Metal Sleeve for Crossings	30	<u>/ </u>	SUBTOTAL	
··				שאיסומטנ	\$422,4
WSD CO	ONTINGENCY				\$42,2
1	10% of Water Infrastructure Improvement Costs				\$4Z,Z
				SUBTOTAL	\$464,7
				_	

WATER IMPROVEMENTS TOTAL

\$464,712

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanitary Sewer Construction Plans prepared by Manhard Consulting, letest revision dated June 2014.

Quantities were multipleed by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation

Cottonwood Highlands Filing No. 2

Commercial District 2

Engineer's Estimate of Sanitary Sewer Improvements

	20-Aug-14				
		Estimated		Estimated Unit	
Item Number	Item Description	Quantity	Unit	Cost	Subtotal
DNSITE SANIT	ARY SEWER IMPROVEMENTS - Parcel C1	" I " 400 I		604.00	£44.00
1	8in Sanitary Sewer Main	460	L.F.	\$31.00	\$14,26
2	4' Diameter Manholes (Normal Depth)	3	Each	\$3,400.00	\$10,20
				SUBTOTAL_	\$24,46
ONSITE SANIT	ARY SEWER IMPROVEMENTS - Parcel C2				
1	8ln Sanitary Sewer Main	1,470	L.F.	\$31.00	\$45,57
2	4' Diameter Manholes (Normal Depth)	2	Each	\$3,400.00	\$6,80
3	18" Metal Sleeve for Crossings	30	L.F.	\$125.00	\$3,75
				SUBTOTAL	\$56,12
				_	*
ONSITE SANIT	ARY SEWER IMPROVEMENTS - Parcel C3				
1	8in Sanltary Sewer Main	1,620	L.F.	\$31.00	
2					\$50,22
	4' Diameter Manholes (Normal Depth)	9	Each	\$3,400.00	
	4' Diameter Manholes (Normal Depth)		Each	\$3,400.00 SUBTOTAL	\$30,60
	4' Diameter Manholes (Normal Depth)		Each		\$30,60
· · · · · · · ·	4' Diameter Manholes (Normal Depth)		Each		\$30,60
	4' Diameter Manholes (Normal Depth)		Each		\$50,22 \$30,60 \$80,82 \$161,40
SVMD CONTIN			Each	SUBTOTAL_	\$30,60 \$80,82
SVMD CONTIN	GENCY		Each	SUBTOTAL_	\$30,60 \$80,82
SVMD CONTIN			Each	SUBTOTAL_	\$30,60 \$80,82 \$161,40
VMD CONTIN 1	GENCY	9		SUBTOTAL_	\$30,6 \$80,8 \$161,4

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanitary Sewer

The opinion of probabic construction costs for was based on approximate quantity estimates to general addition, and start which below the first transfer and construction Plans prepared by Manhard Consulting, latest revision dated June 2014.

Quantities were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual fabor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnal and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

EXHIBIT C-1 Cottonwood Highlands Filing No. 2 Future Inclusion District Engineer's Estimate of Probable Costs for Public Infrastructure

ROADWAY & DRAINAGE

	18-Aug-14			Estimated	
	1	Estimated	Į	Unit	
Item	Item Description	Quantity	Unit	Cost	Subtotal
Number			<u> .</u>	-	
STORM SE	WER SYSTEM IMPROVEMENTS				
	Storm Lateral	2	Each	\$4,000.00	\$8,00
1	Type-R Inlet · S'	4	Each	\$5,400.00	\$21,60
2	Type-R Inlet - 10'	6	Each	\$2,800.00	\$16,80
3	4' ID Sterm Manhole	2	Each	\$3,200.00	\$6,40
4	5' ID Storm Manhole	890	L.F.	\$40.00	\$35,60
5	18" RCP	730	L.F.	\$52.00	\$37,9
6	24" RCP	200	L.F.	\$65.00	\$13,0
7	30" RCP	200	<u> </u>	SUBTOTAL	\$139,3
Parcel FI1	- Compark South Regional Storm Improvements	53	AC	\$2,434,00	\$129.0
11	Regional Detention /WQ Pond				\$129,0
				SUBTOTAL_	\$129,0
	Compark South Drainage 48" Improvements				
			7 ² h	\$3,200,00	\$6.4
	IS ID Storm Manhole	2	Each		
Parcel FI1	5° ID Storm Manhole 48° RCP	800 800	L.F.	\$105.00	\$84,0 \$90,4
1	5" ID Storm Manhole 48" RCP	800	L.F.	\$105.00	\$90,4
2	5" ID Storm Manhole 48" RCP	800	L.F.	\$105.00	\$90,4
1 2 STREET II	5" ID Storm Manhole 48" RCP STORE STOR	800 TORM SEWER	L.F.	\$105.00	\$90,4 \$358,7
1 2 STREET II	5' ID Storm Manhole 48" RCP 48" RCP STORM 5 STORM 5 STORM 5 STORM 5 Street Improvments Suborade Preparation (2" Behind Back of Curb) 5 Suborade	TORM SEWER	SYSTEM I	\$105.00] SUBTOTAL MPROVEMENTS \$1.80	\$90,4 \$358,7
STREET II	5' ID Storm Manhole 48" RCP STORM 48" RCP STORM Street Improvments Subgrade Preparation (2" Behind Back of Curb) Aschall Payement (9-inch Full Deoth)	800 TORM SEWER 4,460 3,880	SYSTEM I	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00	\$90,4 \$358,7 \$8,6 \$139,6
1 2 STREET II	5' ID Storm Manhole 48" RCP STORE STOR	800 TORM SEWER 4,460 3,880 1,740	SYSTEM I	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00	\$90,4 \$358,3 \$8,6 \$139,6 \$24,3
STREET II	5' ID Storm Manhole 48" RCP STreet Improvments Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Guitter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk)	800 TORM SEWER 4,460 3,880 1,740 1,350	SYSTEM I	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80	\$90,4 \$358,7 \$8,6 \$139,6 \$24,6
STREET II Lanceloaf 1 2 3 4 5	5' ID Storm Manhole 48" RCP STreet Improvments Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Guitter (2' Guitter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	4,460 3,880 1,740 1,350 8,700	S.Y. S.Y. L.F. S.Y. S.Y. S.Y. S.F.	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$4.40	\$90,4 \$358,7 \$8,6 \$139,6 \$24,6 \$38,7
STREET III Lanceloaf 1 2 3 4 5 6	5' ID Storm Manhole 48" RCP STORM 48" RCP STORM 48" RCP Street Improvments Subgrade Preparation (2' Behind Back of Curb) Asphall Pavement (9-inch Full Depth) Curb & Guitter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) G-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp	4,460 3,880 1,740 1,350 8,700	SYSTEM I	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00	\$90,4 \$358,7 \$8,6 \$139,6 \$24,6 \$2,5 \$38,5 \$6,6
STREET III Lanceleaf 1 2 3 4 5	5' ID Storm Manhole 48" RCP STreet Improvments Subgrade Preparation (2' Behind Back of Curb) Asphalt Pavement (9-inch Full Depth) Curb & Guitter (2' Guitter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) 6-inch thick x 5-feet Wide Concrete Sidewalk	4,460 3,880 1,740 1,350 8,700	S.Y. S.Y. L.F. S.Y. S.Y. S.Y. S.F.	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$4.40	\$90,4 \$358,7 \$8,6 \$139,6 \$24,5 \$2,5 \$38,6
STREET III Lanceleaf 1 2 3 4 5 6	5' ID Storm Manhole 48" RCP STORM 48" RCP STORM 48" RCP Street Improvments Subgrade Preparation (2' Behind Back of Curb) Asphall Pavement (9-inch Full Depth) Curb & Guitter (2' Gutter x 6" Vertical Curb) Sidewalk Subgrade Preparation (1' each side of walk) G-inch thick x 5-feet Wide Concrete Sidewalk Concrete Curb Ramp	4,460 3,880 1,740 1,350 8,700	SYSTEM I	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00	\$90,4
1 2 STREET III 2 3 4 5 6 7 7	5' ID Storm Manhole 48" RCP	4,460 3,880 1,740 1,350 8,700 2	SYSTEM I	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$750.00	\$90,4 \$358,7 \$8,6 \$139,6 \$24,6 \$32,6 \$38,6 \$56,6 \$1,0
1 2 STREET III 2 3 4 5 6 7 7	5' ID Storm Manhole 48" RCP	4,460 3,880 1,740 1,350 8,700 2 2	S.Y. S.Y. L.F. S.Y. S.Y. L.F. S.Y. Each	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$3.200.00 \$750.00 SUBTOTAL	\$90,4 \$358,2 \$358,2 \$139,5 \$24,5 \$33,5 \$6,5 \$1,1
STREET III Lanceleaf 1 2 3 4 5 6 7	5' ID Storm Manhole 48" RCP	4,460 3,880 1,740 1,350 8,700 2 2 2	S.Y. S.Y. L.F. S.Y. S.Y. L.F. S.Y. Each Each	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$14.00 \$4.40 \$3,200.00 \$750.00 SUBTOTAL	\$90,4 \$358,7 \$8,6 \$139,6 \$24,5 \$38,6 \$1,1 \$220,4 \$19,9 \$343,1
STREET II Lanceloaf 1 2 3 4 5 6 7	5' ID Storm Manhole 48' RCP	4,460 3,880 1,740 1,350 8,700 2 2 2	SYSTEM I SYSTEM I SY. SY. LF. SY. Each Each SY. SY. LF.	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$4.40 \$3,200.00 \$750.00 SUBTOTAL	\$90,4 \$358,7 \$8,6 \$139,6 \$24,5 \$2,2 \$38,5 \$6,6 \$1,1 \$220,5 \$19,5 \$343,559,5
1 2 STREET III Lanceleaf 1 2 3 4 5 6 7 7 . Cottonwo 1 2	5' ID Storm Manhole 48" RCP	10,970 9,530 1,690	S.Y. S.Y. L.F. S.Y. Each Each S.Y. S.Y. E.S.Y. S.Y. S.Y. S.Y. S.Y. S.	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$3,200.00 \$VBTOTAL \$1.80 \$36.00 \$1.80 \$1.80 \$31.80 \$1.80 \$1.80	\$90,4 \$358,7 \$139, \$24, \$38, \$56, \$1, \$220, \$19, \$343, \$59, \$3,
1 2 STREET III 2 3 4 4 5 6 7 . Cottonwo 1 2 3 3	5' ID Storm Manhole 48" RCP	4,460 3,880 1,740 1,350 8,700 2 2 2 10,970 9,530 4,240 1,690 10,850	S.Y. S.Y. S.Y. L.F. S.Y. S.F. Each S.Y. L.F. S.Y. S.F. Each S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.F. S.Y. S.F.	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$3,200.00 \$750.00 SUBTOTAL \$1.80 \$4.40 \$3,20.00 \$1.80 \$4.40 \$3.40 \$4.40 \$3.40 \$4.40	\$90,4 \$358,2 \$358,3 \$139,6 \$24,5 \$35,5 \$6,5 \$1,1 \$220,1 \$19,5343,559,5 \$343,559,5 \$47,5
1 2 STREET III 2 3 4 5 6 7 7 Cottonwo 1 2 3 4 4	5' ID Storm Manhole 48' RCP	10,970 9,530 1,690	S.Y. S.Y. L.F. S.Y. Each Each S.Y. S.Y. E.S.Y. S.Y. S.Y. S.Y. S.Y. S.	\$105.00 SUBTOTAL MPROVEMENTS \$1.80 \$36.00 \$14.00 \$1.80 \$3,200.00 \$VBTOTAL \$1.80 \$36.00 \$1.80 \$1.80 \$31.80 \$1.80 \$1.80	\$90,4 \$358,7 \$358,7 \$199,6 \$24,5 \$38,6 \$1,9 \$220,4 \$19,5 \$343,1 \$59,5 \$347,5 \$12,1

EXHIBIT C-1

Cottonwood Highlands Filing No. 2

Future Inclusion District

Engineer's Estimate of Probable Costs for Public Infrastructure

	se Road Improvments Subgrade Preparation (2' Behind Back of Curb)	4.040	S.Y.	\$1.80	\$7,27
1	Subgrade Preparation (2 Benind Back of Cold)	3,520	S.Y.	\$36.00	\$126,72
2	Asphalt Pavement (9-inch Full Depth) Curb & Gutter (2' Gutter x 6" Vertical Curb)	1,650	L.F.	\$14.00	\$23,10
3	Sidewalk Subgrade Preparation (1' each side of walk)	1,230	S.Y.	\$1.80	\$2,21
<u>4</u>	6-inch thick x 5-feet Wide Concrete Sidewalk	7,900	S.F.	\$4.40	\$34,76
5	6-Inch thick X 5-teet Wide Concrete Sidewalk	5	Each	\$3,200,00	\$16,00
6	Concrete Curb Ramp	1	Each	\$2,280.00	\$2,28
7	Mid-block Handicap Ramp	6	Each	\$750.00	\$4,50
8	Truncated Domes (2' x 4' Panels)			SUBTOTAL	\$216,84
	· sı	FORM SEWER	SYSTEM IM	PROVEMENTS	\$926,29
RIGNAGE	AND STRIPING				\$2
1	8-Inch White Epoxy Pavement Marking	30D	L.F.	\$0.75	\$2,5
2	A-Inch Double Yellow Epoxy Payement Marking	3,400	L.F.	\$0.75	\$2,3
3	4-Inch Wide White Dashed Lane Pavement Marking	1,830	L,F.	\$0.75	
4	2'x10' Crosswalk	540	L,F.	\$10.00	\$5,4
5	Thermoplastic Turn Arrow	15	Each	\$200.00	\$3,0
- 6	"Right Lane Must Turn Right" Sign	3	Each	\$250.00	\$7
7	Stop Signs w/Street Name	3	Each	\$500.00	\$1,5
8	"Speed Limit 30" Sign	3	Each	\$250.00	\$7
_ =	"Speed Limit 40" Sign	2	Each	\$250.00	\$5
10	"Road Closed" Sign	2	Each	\$250.00	\$5
11	Road Closed Type III Barrier Panels	1	Each	\$450.00	\$4
' ' !	1,000	SIGNAGE	AND STRIP	ING SUBTOTAL_	\$16,9
		PUBLIC IM	PROVEME	NTS SUBTOTAL	\$1,30 <u>2,0</u>
BILIZATIO	ON:				\$65,1
1	Mobilization @ 5%		L	<u></u> 4 ·	
VEYING:			т——		\$39,0
	Surveying @ 3%		·		-
1					
1	TION MANAGEMENT / TESTING:				\$156.2
1	FION MANAGEMENT / TESTING: Construction Management / Testing @ 12%				\$156,
1 NSTRUCT 1	Construction Management / Testing @ 12%				\$156,2
1 NSTRUCT	Construction Management / Testing @ 12% CY:				
1 NSTRUCT	Construction Management / Testing @ 12%				
1 NSTRUCT 1 NTINGEN	Construction Management / Testing @ 12% CY:			SUBTOTAL_	\$156,2 \$130,2 \$390,6
1 NSTRUCT 1 NTINGEN	CY: Contingency @ 10%	AND DRAINAG	SE IMPROV	SUBTOTAL_	\$130,2 \$390,6

The opinion of probable construction costs for Collonwood Highlands Filing No. 1A was based on approximate quantity estimates for general Earthwork, utility work, concrete structural work, revegetation, and miscellaneous work based on the Final Construction Plans Prepared by Manhard Consulting, latest revision dated June 2014.

Quantities were multiplied by current construction industry prices.

Quantities were multiplied by current construction industry prices.

The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the Information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual tabor and material costs, competitive market conditions, actual site conditions, final project scops, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented hardin.

Cottonwood Highlands Filing No. 2

Future Inclusion District

Engineer's Estimate of Water Improvement Infrastructure

	20-Aug-14	I F-0-shed I		Estimated Unit	
ltem		Estimated	11-16	Cost	Subtotal
Number	Item Description	Quantity	Unit	Cost	Subiotal
NICITE M	ATER IMPROVEMENTS - Parcel FI1				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8in PVC Water Main	6920	L.F.	\$36.00	\$249,120
2	8in Gate Valve and Box	24	Each	\$1,250.00	\$30,00
3	8in - 11.25 Degree Bends w/ Kick Block	10	Each	\$450.00	\$4,50
4	8in - 90 Degree Bends w/ Kick Block	4	Each	\$450.00	\$1,80
5	8in X 6in Tee w/ Kick Block	15	Each	\$550.00	\$8,25
· 6	8in X 8in Tee w/ Kick Block	5	Each	\$425.00	\$2,12
7	Std. Fire Hydrant Assy. w/ 6in Gate Valve	15	Each	\$3,800.00	\$57,00
- 8	Booster Pump Station	1	Each	\$380,000.00	\$380,00
				SUBTOTAL	\$732,79
1 2 3 4	18in PVC Non-Potable Water Main 18in Butterfly Valve 18in 11.25 Degree Bends w/ Kick Block	3 5	Each Each Each	\$3,600.00 \$1,200.00 \$800.00	\$10,80 \$6,00
5 6	18in x 8in Tee w/Klck Block 8in PVC Non-Potable Water Maln 8in Plug w/ 2in Blow Off	60 1	L.F. Each	\$36.00 \$500.00	\$80 \$2,16 \$50 \$3.80
	18in x 8in Tee w/Klck Block 8in PVC Non-Potable Water Maln	1 60 1	L.F.	\$36.00	\$2,16
6	18in x 8in Tee w/Klck Block 8in PVC Non-Potable Water Maln 8in Plug w/ 2in Blow Off	1 60 1	L.F. Each	\$36.00 \$500.00 \$3,800.00	\$2,16 \$50 \$3,80 \$144,06
7	18in x 8in Tee w/Klck Block 8in PVC Non-Potable Water Main 8in Plug w/ 2in Blow Off Std. Fire Hydrant Assy. w/ 6in Gate Valve	1 60 1	L.F. Each	\$36.00 \$500.00 \$3,800.00 SUBTOTAL	\$2,16 \$50 \$3,80 \$144,06 \$876,85
6 7	18in x 8in Tee w/Klck Block 8in PVC Non-Potable Water Main 8in Plug w/ 2in Blow Off Std. Fire Hydrant Assy. w/ 6in Gate Valve	1 60 1 1	L.F. Each	\$36.00 \$500.00 \$3,800.00 SUBTOTAL	\$2,16 \$50 \$3,80 \$144,06

WATER IMPROVEMENTS TOTAL

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanitary Sewer Construction Plans prepared by Manhard Consutting, latest revision dated June 2014.

Quantities were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation

\$964,541

Cottonwood Highlands Filing No. 2 **Future Inclusion District**

Engineer's Estimate of Sanitary Sewer Improvements

20-Aug-14			I Fratanaka d Hatk I	
Item Number Item Description	Estimated Quantity	Unit	Estimated Unit Cost	Subtotal
ONSITE SANITARY SEWER IMPROVEMENTS - Parcel FI1			\$31.00	\$107,260
1 8in Sanitary Sewer Main	3,460	L.F.		
2 4' Diameter Manholes (Normal Depth)	13	Each	\$3,400.00	\$44,200
2 Polaristo Walness			SUBTOTAL_	\$151,460
SVMD CONTINGENCY	-t Coots		T	\$15,146
1 10% of Proposed Sanitary Sewer Improvement		Y IMPRO	VEMENTS TOTAL	<u>\$166,606</u>

The opinion of probable construction costs for was based on approximate quantity estimates for general earthwork, and utility work based on the Final Water and Sanklary Sewer Construction Plans prepared by Manhard Consulting, talest revision dated June 2014.

Quantities were multiplied by current construction industry prices. The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

Cottonwood Drive Median Improvements ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

M NO. DESCRIPTION		QUANTITY	UNIT	UNIT PRICE	TOTAL COST
MEDIAN IMPROVEMENTS					
ttonwood Drive Median •	Chambers to Red Bud Street				#70 A
1 Strip 4" Topsoli an	d Stockpile	40	C.Y.	\$1.95	\$78.00 \$18,000.0
2 6" Median Curb w	th 1' Pan	1,500	L.F.	\$12.00	\$16,875.0
3 Concrete Median S	Splash Strip	375	S.Y.	\$45.00 \$18.00	\$9,000.0
4 4" Trench Drain		500	L.F.	\$400.00	\$800.0
5 Trench Drain Clea	noul	170	Each S.Y.	\$46.00	\$7,820.0
	ng Palch (Incl. Subgrade Prep)		Each	\$340.00	\$340.0
7 R6-1R One Way S		1 2	Each	\$340.00	\$680.0
B R4-7 Keep Right S	ilgn	- 2	Each	\$250.00	\$500.0
9 4 x 12 Yellow Refl	ector	140	L.F.	\$0.34	\$47.6
	w. 4" wide (Solid/Solid)	460	L.F.	\$0.34	\$156.4
11. Single White Line	8" Wide (Solid)	820	L.F.	\$0.34	\$278.8
12. Single White Line	4" wide (Skip Stripe)	9	Each	\$130.00	\$1,170.0
	tic Cross Walk Stripes	- 8	Each	\$300.00	\$1,800.0
14. Thermoplestic Arr	OW6		_ cau	Subtotal	\$57.545.8
		4			
ttonwood Drive Median	Red Bud Street to Lanceleaf Str	0et 100	C.Y.	\$1.95	\$195.0
1 Strip 4" Topsoli ar		2,270	L.F.	\$12,00	\$27,240.0
2 6" Median Curb w		580	S.Y.	\$45.00	\$26,100.0
3 Concrete Median	opiasn ouip	1,320	L.F.	\$18.00	\$23,760.0
4 4" Trench Drain 5 Trench Drain Clea	mout	6	Each	\$400.00	\$2,400.0
5 Trench Drain Clea	ing Patch (Incl. Subgrade Prep)	125	S.Y.	\$46.00	\$5,750.0
6 11.5" Asphall Pav 7 R4-7 Keep Right	Slan	2	Each	\$340.00	\$680.0
8 4 x 12 Yellow Ref	lector	2	Each	\$250.00	\$500.0
9 Single While Line	, B" wide (Solid)	350	L.F.	\$0.34	\$119.
10 Thermoplastic An	DWS	4	Each	\$300.00	\$1,200.
		L District Acces		Subtotal	\$87,944.
1 Strip 4" Topsoll a	- Lanceleaf Street to Commercia nd Stockpile	District Acces	C.Y.	\$1,95 \$12,00	\$165. \$21,800.
1 Strip 4" Topsoll a 2 6" Median Curb v	nd Stockpile with 1' Pan	85	U.T.	\$1.95 \$12.00 \$45.00	\$165. \$21,800. \$18,450.
1 Strip 4" Topsoil a 2 6" Median Curb v 3 Concrate Median	nd Stockpile with 1' Pan	1,800	L.F. S.Y. L.F.	\$1.95 \$12.00 \$45.00 \$18.00	\$165. \$21,600. \$18,450. \$21,600.
Strip 4" Topsoil a De Bright Strip 4" Topsoil a Concrete Median A" Trench Drein	nd Stockpile Alh 1' Pan Splash Strip	1,800 410	L.F. S.Y. L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00	\$165. \$21,600. \$18,450. \$21,600. \$2,400.
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drein 5 Trench Drain Cle	nd Stockpile with 1' Pan Splash Strip anout	1,800 410 1,200	L.F. S.Y. L.F. Each S.Y.	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00	\$165. \$21,600. \$18,450. \$21,600. \$2,400.
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drein 5 Trench Drain Cle 6 11.5" Asphall Pa	nd Stockplie with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep)	1,800 410 1,200 6 100	L.F. S.Y. L.F. Each S.Y. Each	\$1,95 \$12,00 \$45,00 \$18,00 \$400,00 \$46,00 \$340,00	\$165. \$21,600. \$18,450. \$21,600. \$2,400. \$4,600. \$680.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right	nd Stockpile with 1' Pan Splash Strip anout wing Patch (Incl. Subgrade Prep) Sign	1,800 410 1,200 6 100 2	L.F. S.Y. L.F. Each S.Y. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00 \$46.00 \$340.00 \$250.00	\$165, \$21,800, \$18,450. \$21,600. \$2,400. \$4,600. \$580.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drein 5 Trench Orain Cle 6 11.5" Asphall Pa' 7 R4-7 Keep Right 8 4 x 12 Yellow Re	nd Stockpile Aih 1' Pan Splash Strip anoul ving Patch (Incl. Subgrade Prep) Sign flector	1,800 410 1,200 6 100 2 2 250	L.F. S.Y. L.F. Each S.Y. Each Each	\$1.95 \$12.00 \$45.00 \$18.00 \$40.00 \$46.00 \$340.00 \$250.00 \$0.34	\$165. \$21,600. \$18,450. \$21,600. \$2,400. \$4,600. \$500.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drein 5 Trench Orain Cle 6 11.5" Asphall Pa' 7 R4-7 Keep Right 8 4 x 12 Yellow Re	nd Stockpile with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid)	1,800 410 1,200 6 100 2	L.F. S.Y. L.F. Each S.Y. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00 \$46.00 \$340.00 \$250.00	\$87,944.6 \$165. \$21,600. \$21,600. \$2,400. \$4,600. \$500. \$500.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrate Median 4 4" Trench Drain Cle 5 Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Au	nd Stockpile with 1' Pan Splash Strip anout wing Patch (Incl. Subgrade Prep) Sign Rector a, 8" wide (Solid) Tows	1,800 410 1,200 6 100 2 2 2 250 2	L.F. S.Y. L.F. Each S.Y. Each Each	\$1.95 \$12.00 \$45.00 \$18.00 \$40.00 \$46.00 \$340.00 \$250.00 \$0.34	\$165. \$21,600. \$18,450. \$21,600. \$2,400. \$4,600. \$680. \$500. \$85.
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrate Median 4 4" Trench Drain 5 Trench Drain Cie 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Automood Drive Median	nd Stockpile with 1' Pan Splash Strip anout anout strip Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to	1,800 410 1,200 6 100 2 2 2 250 2	L.F. S.Y. L.F. Each S.Y. Each L.F. Each Each	\$1.95 \$12.00 \$45.00 \$18.00 \$40.00 \$46.00 \$340.00 \$250.00 \$0.34	\$165. \$21,600. \$18,450. \$21,600. \$21,600. \$4,600. \$500. \$500. \$70,680.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drein 5 Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Au	nd Stockpile with 1' Pan Splash Strip anout ding Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) Tows - Commercial District Access to and Stockpile	1,800 410 1,200 6 100 2 2 250 250	L.F. S.Y. L.F. Each S.Y. Each L.F. Each C.Y.	\$1.95 \$12.00 \$45.00 \$18.00 \$40.00 \$46.00 \$340.00 \$250.00 \$0.34 \$0.00	\$165. \$21,600. \$18,450. \$21,600. \$2,400. \$4,600. \$500. \$500. \$70,680.
1 Strip 4" Topsoil a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain Cle 5 Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Ar cottonwood Drive Median 1 Strip 4" Topsoil c 2 6" Median Curb v	nd Stockpile with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockpile with 1' Pan	1,800 410 1,200 6 100 2 2 250 2 2 3 3 3 4 100 100 100 100 100 100 100 100 100 1	L.F. L.F. S.Y. L.F. Each S.Y. Each L.F. Each C.Y. L.F.	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 Subtotel	\$165. \$21,600. \$18,450. \$21,600. \$2,400. \$4,600. \$580. \$500. \$50. \$70,680.
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrate Median 4 4" Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Au cottonwood Drive Median 1 Strip 4" Topsoll c 2 6" Median Curb 3 Concrate Median	nd Stockpile with 1' Pan Splash Strip anout whog Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockpile with 1' Pan Sodash Strip	1,800 410 1,200 6 100 2 2 2 2 2 2 2 2 2 3 2 3 4 100 1,200 2 2 2 2 3 2 3 2 3 4 1,250 2 5 1,250 2 5 1,250 2 5 1,250 2 5 1,250 2 5 1,250 2 5 1,250 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5	L.F. S.Y. L.F. Each S.Y. Each L.F. Each C.Y. L.F. S.Y.	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 Subtotal	\$165. \$21,600. \$18,450. \$21,600. \$21,600. \$4,600. \$550. \$550. \$550. \$10,680. \$11,640. \$19,900.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrate Median 4 4" Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Au cottonwood Drive Median 1 Strip 4" Topsell re 2 6" Median Curb v 3 Concrete Median 4 11.5" Asphall Pa	nd Stockpile with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockpile with 1' Pan splash Strip ving Patch (Incl. Subgrada Prep)	1,800	L.F. Each S.Y. Each Each L.F. Each C.Y. L.F. S.Y. S.Y. S.Y.	\$1.95 \$12.00 \$45.00 \$18.00 \$40.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1.34 \$1.95 \$1.95 \$12.00 \$45.00	\$165. \$21,600. \$18,450. \$21,600. \$21,600. \$4,600. \$550. \$550. \$550. \$10,680. \$11,640. \$19,900.
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Ar cottonwood Drive Median 1 Strip 4" Topsoll c 2 6" Median Curb c 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right	nd Stockpile with 1' Pan Splash Strip anout ding Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockpile with 1' Pan Splash Sirip ving Patch (Incl. Subgrade Prep) Sign	1,800 410 1,200 6 100 2 2 2 2 3 2 3 3 7 7 7 970 200	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each C.Y. L.F. S.Y. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00 \$340.00 \$250.00 \$0.34 \$300.00 Subtotal	\$165. \$21,600. \$18,450. \$2,400. \$2,400. \$2,400. \$5,400. \$5,600. \$5,500. \$5,500. \$70,680. \$11,840. \$9,000. \$2,760. \$680.
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrate Median 4 4" Trench Drain Cid 5 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Au cottonwood Drive Median 1 Strip 4" Topsoil C 2 6" Median Curb 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re	nd Stockplle with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockplie with 1' Pan Splesh Strip ving Patch (Incl. Subgrade Prep) Sign flector	1,800 410 1,200 6 100 2 2 250 250 2 Jordan Road 10 970 200 60 2	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00 \$340.00 \$250.00 \$0.34 \$300.00 Subtotel \$1.95 \$12.00 \$45.00 \$45.00	\$165. \$21,600. \$18,450. \$21,600. \$21,600. \$21,600. \$2,400. \$4,600. \$580. \$5500. \$70,680. \$11,840. \$9,000. \$2,760. \$680. \$500.
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrate Median 4 4" Trench Drain Cid 5 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Au cottonwood Drive Median 1 Strip 4" Topsoil C 2 6" Median Curb 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re	nd Stockplle with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockplle with 1' Pan 1 Splash Strip ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid)	1,800 410 1,200 6 100 2 250 250 2 3 Jordan Road 10 970 200 60	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$400.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1.95 \$1.95 \$1.95 \$12.00 \$45.00 \$46.00 \$340.00	\$165. \$21,600. \$18,450. \$21,600. \$21,600. \$21,600. \$2,400. \$4,600. \$580. \$5500. \$70,680. \$11,840. \$9,000. \$2,760. \$680. \$500.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrate Median 4 4" Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Au tottonwood Drive Median 1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin	nd Stockplle with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockplle with 1' Pan 1 Splash Strip ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid)	1,800	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1.95 \$12.00 \$45.00 \$45.00 \$45.00 \$340.00	\$165 \$21,600 \$18,450 \$21,600 \$4,600 \$686 \$500 \$70,680 \$11,840 \$9,000 \$2,760 \$680 \$11,840 \$11,8
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain Cit 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Ar cottonwood Drive Median 1 Strip 4" Topsoll of 2 6" Median Curb v 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin 8 Thermoplastic Ar	nd Stockplle with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockplle with 1' Pan 1 Splash Strip ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid)	1,800	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$46.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$12.00 \$12.00 \$45.00 \$46.00 \$46.00 \$340.00 \$340.00 \$340.00	\$165. \$21,600. \$18,450. \$21,600. \$2,400. \$2,400. \$4,600. \$580. \$585. \$600. \$70,680. \$19,000. \$2,760. \$326. \$326. \$1,800.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrate Median 4 4" Trench Drain Cle 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Au tottonwood Drive Median 1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin	nd Stockplle with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8' wide (Solid) rows - Commercial District Access to and Stockplle with 1' Pan splash Strip ving Patch (Incl. Subgrade Prep) Sign fliector a, 8' wide (Solid) rows	1,800	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1250.00 \$12.00 \$45.00 \$45.00 \$45.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$45	\$165. \$21,600. \$18,4500. \$2,400. \$2,400. \$4,600. \$5,400. \$5,400. \$5,400. \$5,500. \$5,500. \$70,680. \$11,840. \$9,000. \$2,760. \$6,500. \$3,2760. \$3,276. \$1,800.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic As stotonwood Drive Median 1 Strip 4" Topsell c 2 6" Median Curb o 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin 8 Thermoplastic As	nd Stockpile with 1' Pan Splash Strip anout ding Patch (Incl. Subgrade Prep) Sign ficetor a, 8" wide (Solid) rows - Commercial District Access to and Stockpile with 1' Pan Splesh Strip ving Patch (Incl. Subgrade Prep) Sign filector a, 8" wide (Solid) rows	1,800	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$46.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$12.00 \$12.00 \$45.00 \$46.00 \$46.00 \$340.00 \$340.00 \$340.00	\$165. \$21,600. \$18,4500. \$2,400. \$2,400. \$4,600. \$5,400. \$5,400. \$5,400. \$5,500. \$5,500. \$70,680. \$11,840. \$9,000. \$2,760. \$6,500. \$3,2760. \$3,276. \$1,800.
1 Strip 4" Topsoil a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain Cite 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Ar cottonwood Drive Median 1 Strip 4" Topsoil a 2 6" Median Curb v 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin 8 Thermoplastic Ar CONTINGENCY 1. 15% of Improver	nd Stockpile with 1' Pan Splash Strip anout ding Patch (Incl. Subgrade Prep) Sign ficetor a, 8" wide (Solid) rows - Commercial District Access to and Stockpile with 1' Pan Splesh Strip ving Patch (Incl. Subgrade Prep) Sign filector a, 8" wide (Solid) rows	1,800	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1250.00 \$12.00 \$45.00 \$45.00 \$45.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$45	\$165. \$21,600. \$18,450. \$2,400. \$2,400. \$2,400. \$3,4500. \$560. \$550. \$550. \$70,680. \$11,840. \$2,760. \$3,26. \$1,800. \$3,26. \$1,800.
1 Strip 4" Topsoll a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain Cit 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic Ar cottonwood Drive Median 1 Strip 4" Topsoll of 2 6" Median Curb v 3 Concrete Median 4 11.5" Asphalt Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin 8 Thermoplastic Ar control Median Curb v 1 Strip 4" Topsoll of 1 Strip 4" Topsoll of 2 6" Median Curb v 3 Concrete Median 4 11.5" Asphalt Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin 8 Thermoplastic Ar contingency 1 15% of Improves	nd Stockplle with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockplle with 1' Pan 1 Splesh Strip ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rrows Parmits/Mgmt.	1,800	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1250.00 \$12.00 \$45.00 \$45.00 \$45.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$45	\$165. \$21,600. \$18,450. \$21,600. \$2,400. \$2,400. \$4,600. \$585. \$600. \$70,680. \$19,000. \$2,760. \$326. \$1,800. \$26,725. \$3,308. \$3,308.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain 5 Trench Drain 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic As strip 4" Topsell c 2 6" Median Curb o 3 Concrete Median 1 Strip 4" Topsell c 2 6" Median Curb o 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin 8 Thermoplastic As CONTINGENCY 1. 15% of Improves	nd Stockpile with 1' Pan Splash Strip anout ding Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockpile with 1' Pan Splesh Strip wing Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows Permits/Mgmt. ments (Engr.Sur&Testg)	1,800	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1250.00 \$12.00 \$45.00 \$45.00 \$45.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$45	\$165. \$21,600. \$18,450. \$21,600. \$2,400. \$4,600. \$5500.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain 5 Trench Drain 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic As sottonwood Drive Median 1 Strip 4" Topsell c 2 6" Median Curb 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin 8 Thermoplastic As control Median 7 Single White Lin 8 Thermoplastic As control Median 7 Single White Lin 8 Thermoplastic As control Median 7 Single White Lin 8 Thermoplastic As control Median 7 Single White Lin 8 Thermoplastic As control Median 7 Single White Lin 8 Thermoplastic As control Median 7 Single White Lin 8 Thermoplastic As control Median 7 Single White Lin 8 Thermoplastic As control Median 8 Thermoplastic As control Median 9 Thermoplastic As control Median 1 Strip 4" Topsell Control 2 Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic As control Median 1 Strip 4" Topsell Control 3 Thermoplastic	nd Stockplle with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockplle with 1' Pan 1 Splesh Strip ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rrows Parmits/Mgmt.	1,800	L.F. S.Y. L.F. Each S.Y. Each Each L.F. Each L.F. S.Y. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1250.00 \$12.00 \$45.00 \$45.00 \$45.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$45	\$165. \$21,600. \$18,450. \$21,600. \$21,600. \$21,600. \$2,400. \$3,450. \$5,500. \$5,500. \$70,680. \$19,500. \$3,266. \$1,800. \$26,725. \$8,631.
1 Strip 4" Topsell a 2 6" Median Curb v 3 Concrete Median 4 4" Trench Drain 5 Trench Drain 5 Trench Drain 6 11.5" Asphall Pa 7 R4-7 Keep Right 8 4 x 12 Yellow Re 9 Single White Lin 10 Thermoplastic As strip 4" Topsell c 2 6" Median Curb o 3 Concrete Median 1 Strip 4" Topsell c 2 6" Median Curb o 3 Concrete Median 4 11.5" Asphall Pa 5 R4-7 Keep Right 6 4 x 12 Yellow Re 7 Single White Lin 8 Thermoplastic As CONTINGENCY 1. 15% of Improves	nd Stockplle with 1' Pan Splash Strip anout ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows - Commercial District Access to and Stockplle with 1' Pan Splash Sirip ving Patch (Incl. Subgrade Prep) Sign flector a, 8" wide (Solid) rows Permits/Mgmt. ments Permits/Mgmt. ments (Engr,Sur&Testg) ents (Permits & Mgmt)	1,800	C.Y. L.F. S.Y. L.F. Each Each S.Y. Each L.F. Each L.F. Each L.F. Each L.F. Each	\$1.95 \$12.00 \$45.00 \$18.00 \$46.00 \$340.00 \$250.00 \$0.34 \$300.00 \$1.95 \$12.00 \$45.00 \$45.00 \$45.00 \$250.00 \$250.00 \$340.00 \$250.00 \$0.34 \$300.00	\$165. \$21,600. \$18,450. \$21,600. \$21,600. \$2,400. \$4,600. \$580. \$585. \$600. \$70,680. \$1,800. \$2,760. \$326. \$1,800. \$26,725. \$3,308.

1. THIS ESTIMATE IS BASED ON CONSTRUCTION PLANS PREPARED BY MANHARD THROUGH DECEMBER, 2013

- 2. THIS SETIMATE DOES NOT INCLUDE FEES FOR ENGINEERING OR INSPECTION.
 3. THIS SETIMATE DOES NOT INCLUDE CONSTRUCTION COSTS FOR LANGSCAPING.
 4. THIS SETIMATE DOES NOT INCLUDE CONSTRUCTION COSTS FOR DRY UTILITIES.

Quantilies were multiplied by current construction inclusity prices.

The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance or propos marines or economic feasibility or funding requirements, have been prepared for guidances in project evaluation and implementation from the information available at the time the option was proposed. The final casts of the project and resulting feasibility will depend on actual labor and material costs, compatitive market conditions, actual resuming reasoning was supported on declarations and measured exists, compared measured and originating, and other states of the project copy, implementation schools, condustly of personnal and originating, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

Chambers Road Traffic Signal (Chambers and Cottonwood Intersection) ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

			UNIT	TOTAL
ITEM NO. DESCRIPTION	QUANTITY	UNIT	PRICE	COST

A. TRAFFIC SIGNAL COST

1.	Traffic Signal	1	Each	\$240,000.00	\$240,000.00
2.	Conduit for Signal	1	Each	\$26,000.00	\$26,000.00
*				Subtotal	\$266,000.00

Total Chambers Traffic Signal

\$266,000.00

- 1. THIS ESTIMATE IS BASED ON CONSTRUCTION PLANS PREPARED BY MANHARD THROUGH DECEMBER, 2013
- 2. THIS ESTIMATE DOES NOT INCLUDE FEES FOR ENGINEERING OR INSPECTION.
- 3. THIS ESTIMATE DOES NOT INCLUDE CONSTRUCTION COSTS FOR LANDSCAPING.
- 4. THIS ESTIMATE DOES NOT INCLUDE CONSTRUCTION COSTS FOR DRY UTILITIES.
- 5. TOTAL TRAFFIC SIGNAL COST ASSUMED TO BE \$220,000.00

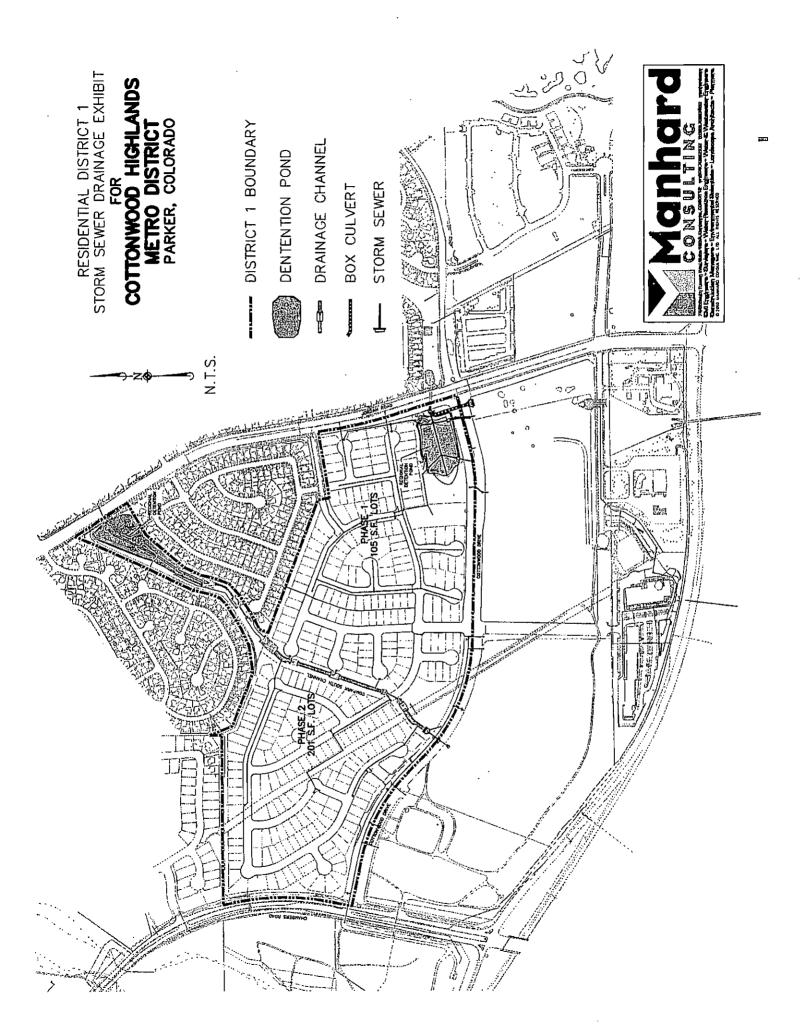
Quantities were multiplied by current construction industry prices.

The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented iterein.

EXHIBIT E

Map Depicting Public Improvements

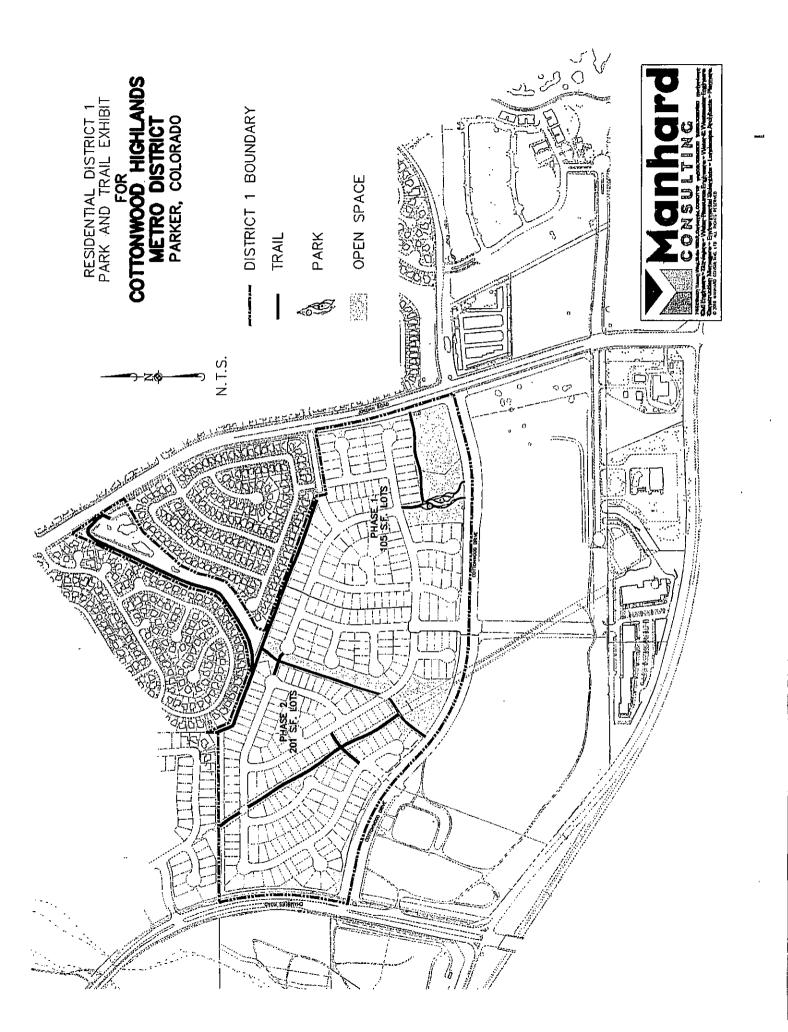
RESIDENTIAL DISTRICT 1
ROADWAY EXHIBIT
FOR
COTTONWOOD HIGHLAN
METRO DISTRICT
PARKER, COLORADO DISTRICT 1 BOUNDARY



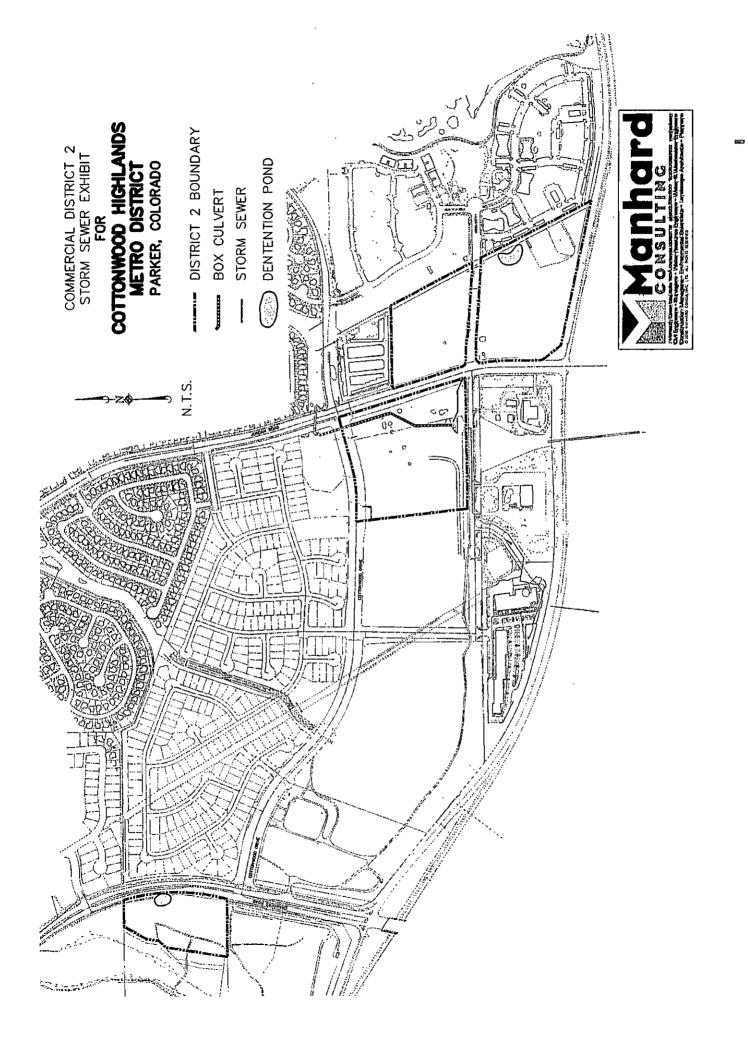
RESIDENTIAL DISTRICT 1
WATERLINE EXHIBIT
FOR
COTTONWOOD HIGHLANDS
METRO DISTRICT
PARKER, COLORADO DISTRICT 1 BOUNDARY WATERLINE

-mail

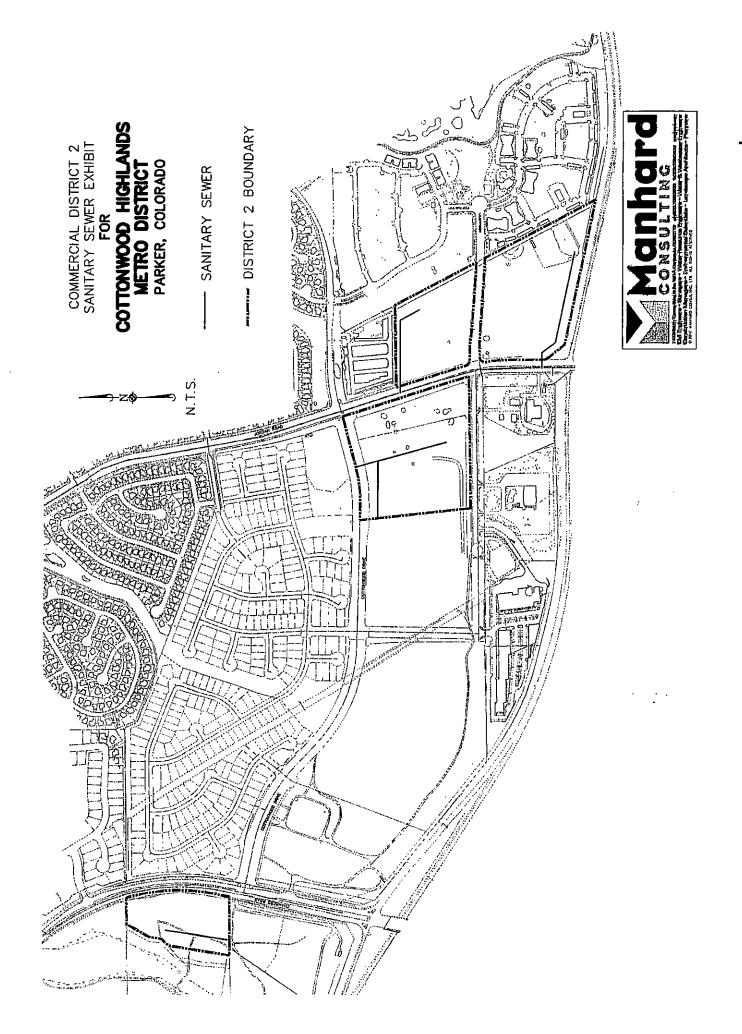
RESIDENTIAL DISTRICT 1
SANITARY SEWER EXHIBIT
FOR
COTTONWOOD HIGHLANDS
METRO DISTRICT
PARKER, COLORADO DISTRICT 1 BOUNDARY SANITARY SEWER

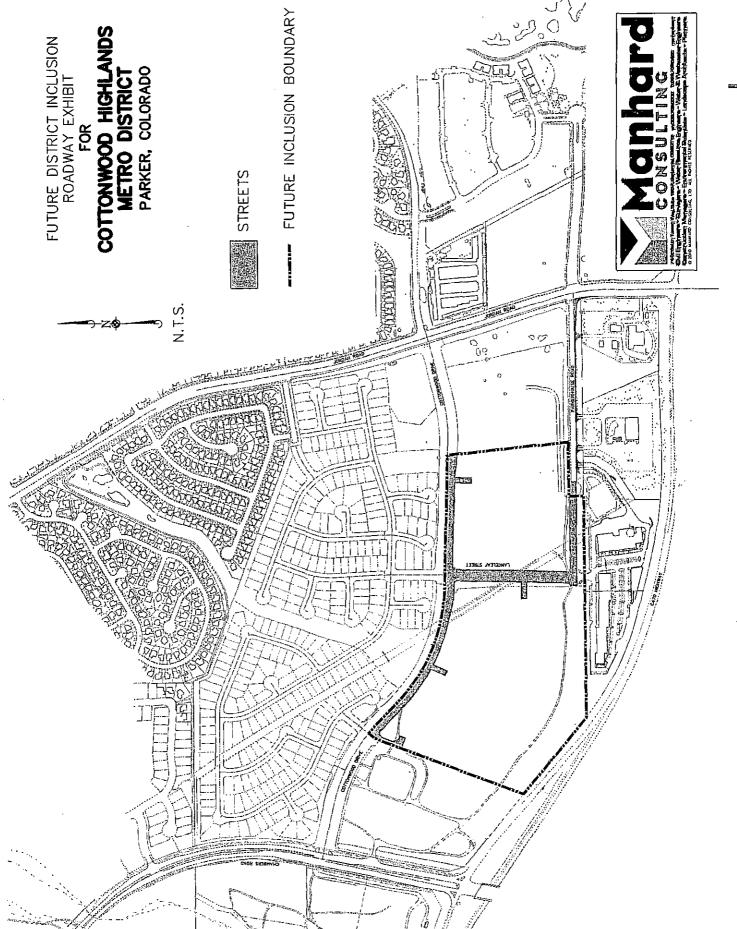


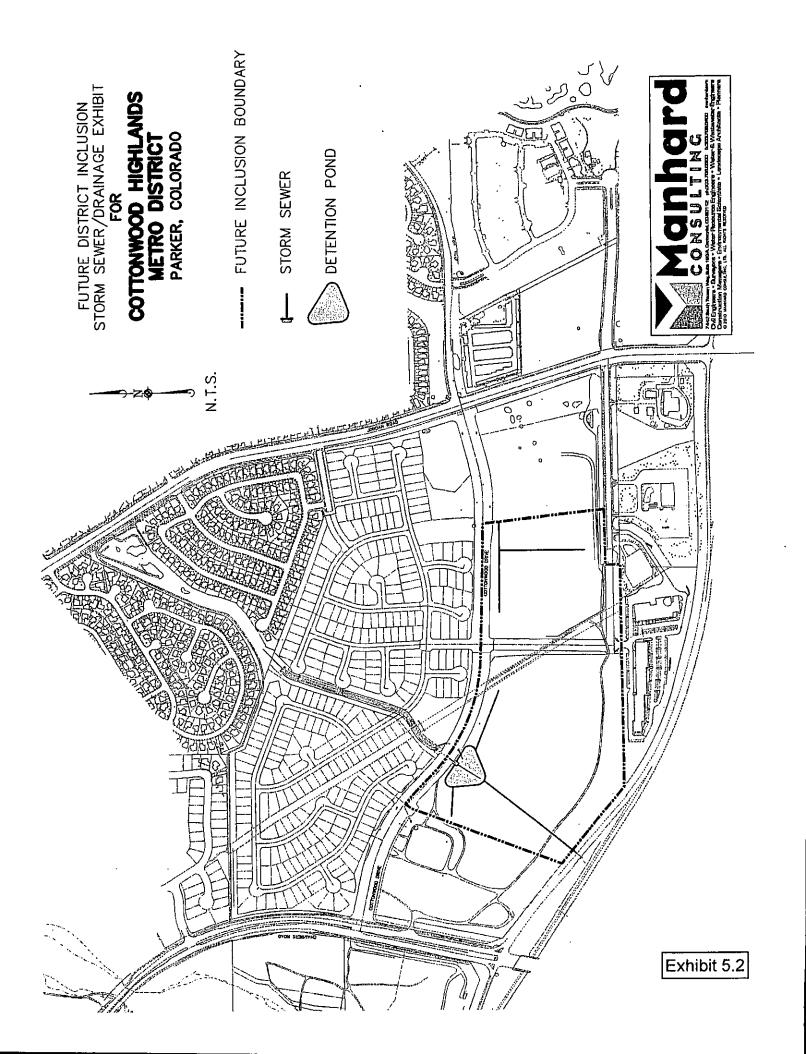
---- DISTRICT 2 BOUNDARY COMMERCIAL DISTRICT 2
ROADWAY EXHIBIT
FOR
COTTONWOOD HIGHLANDS
METRO DISTRICT
PARKER, COLORADO

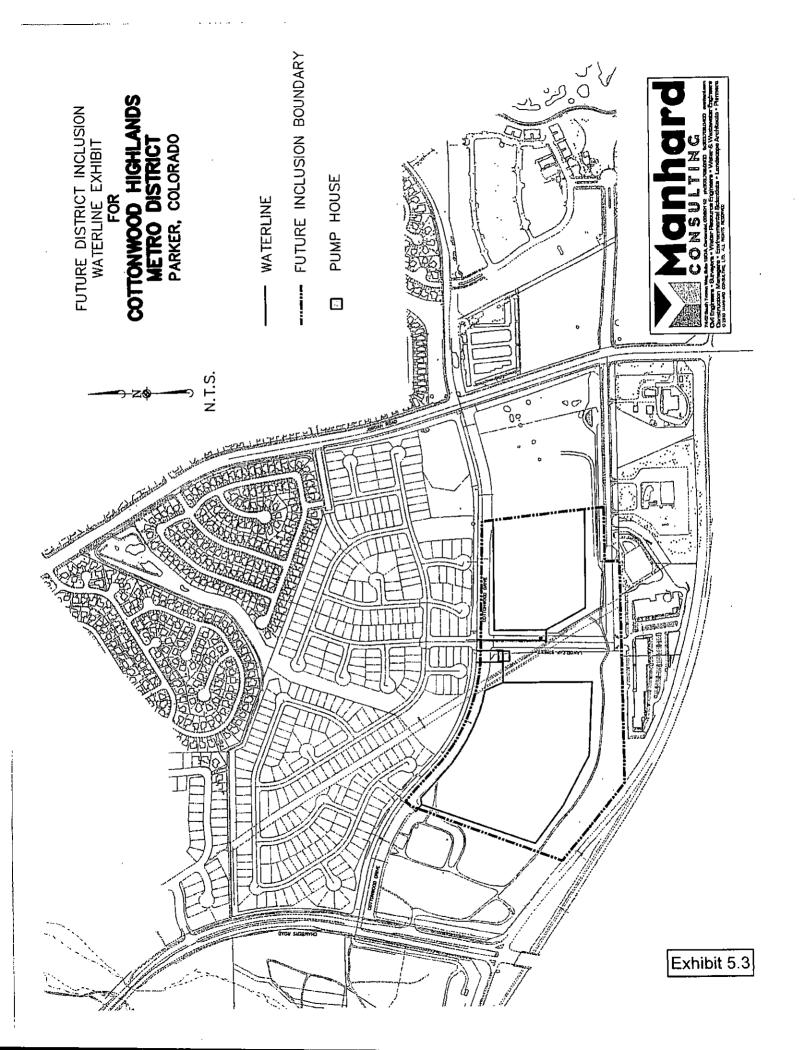












----- FUTURE INCLUSION BOUNDARY COTTONWOOD HIGHLANDS METRO DISTRICT PARKER, COLORADO FUTURE DISTRICT INCLUSION SANITARY SEWER EXHIBIT FOR SANITARY SEWER g G Exhibit 5.4

EXHIBIT F

Financial Plan



August 6, 2014

Proposed Cottonwood Highlands Metropolitan District Nos. 1 and 2 Town of Parker 20120 E. Mainstreet Parker, CO 80138

RE: Proposed Cottonwood Highlands Metropolitan District Nos. 1 and 2

We have analyzed the bonding capacity for the proposed Cottonwood Highlands Metropolitan District Nos. 1 and 2 ("the Districts"). The analysis presented summarizes and presents information provided by Carlson Associates ("the Developer") and does not include independently verifying the accuracy of the information or assumptions.

Residential Plan Assumptions

The following assumptions have been provided by the Developer and form the basis of the residential analysis.

- 1. The development is comprised of 855 residential units of which 305 are single family homes, 300 single family attached units and 250 multifamily units. The single family homes are projected to be completed at a pace of 100 in 2015; 103 in 2016; and 102 in 2017. The single family attached units are projected to be completed at a pace of 100 in each year 2016, 2017 and 2018. The 250 multifamily units are projected to be completed in 2016. The base year price is modeled at \$450,000 for single family homes, \$300,000 for single family attached units and \$140,000 for multifamily units. The base year price is modeled with a 2% annual inflation rate.
- 2. The debt service mill levy target is 37.827 mills (with a cap of 42.827 mills) beginning in tax collection year 2016. In addition to the debt service mill levy, the District is anticipated to levy approximately 5.00 mills for Operations. The combined debt service and operating levy is targeted to be 42.827 mills.
- 3. The District is modeled to issue senior bonds in December, 2018 with a par of \$13,745,000.00. An interest rate of 5.5% was modeled based upon 30-year debt. At issuance, it is projected that the District will fund \$754,297.27 for Capitalized Interest, \$555,975.00 for a Debt Service Reserve Fund and \$549,800.00 in costs of issuance with bond proceeds. The remaining \$11,884,927.73 is projected to reimburse the Developer for eligible expenses.
- 4. The Senior Bond Surplus Fund is sized to \$1,374,500.00 (reflecting 10% of the projected par of the bonds).
- 5. Specific Ownership Tax revenues have been calculated based on applying a factor of 6.0% to annual property tax revenues (on both the Debt Service and Operations levies).
- 6. It is projected that 98% of property taxes levied will be collected and available to the District (for both the Debt Service and Operations levies).

7. It is projected that there will be a 2% biennial inflation rate on assessments. The bonding capacity could be higher if the rate of assessment inflation is greater or conversely lower if the inflation rate is below 2%.

Commercial Plan Assumptions

The following assumptions have been provided by the Developer and form the basis of the commercial analysis.

- 1. The development is comprised of 347,609 square feet of commercial property of which 131,987 is allocated towards the grocery anchor, 55,539 towards the commercial west pads and 160,083 towards the commercial east pads. The grocery anchor is projected to be completed in 2018. The commercial west pad is scheduled to be completed in 2016. The commercial east pads are scheduled to be completed at a pace of 53,500 in 2016 and 2017 and another 53,083 in 2018. The base year price is modeled at \$100 per square foot for the grocery anchor, \$150 per square foot for the commercial west pad and \$200 per square foot for the commercial east pads. The base year price is modeled with a 2% annual inflation rate.
- 2. The debt service mill levy target is 50.00 mills (with a cap of 50.00 mills) beginning in tax collection year 2017. In addition to the debt service mill levy, the District is anticipated to levy approximately 5.00 mills for Operations. The combined debt service and operating levy is targeted to be 55.00 mills.
- 3. The District is modeled to issue senior bonds in December, 2018 with a par of \$11,535,000.00. An interest rate of 5.5% was modeled based upon 30-year debt. At issuance, it is projected that the District will fund \$633,016.40 for Capitalized Interest, \$466,900.00 for a Debt Service Reserve Fund and \$461,400.00 in costs of issuance with bond proceeds. The remaining \$9,973,683.60 is projected to reimburse the Developer for eligible expenses.
- 4. The Senior Bond Surplus Fund is sized to \$1,153,500.00 (reflecting 10% of the projected par of the bonds).
 - 5. In December of 2018 the District is also projected to issue a cash flow subordinate bond in the amount of \$1,755,000.00 that would accrue interest at a 7.0% rate. The bond would be paid with excess revenues available annually after payment of senior debt and after the Debt Service Reserve Fund and Surplus Fund are full.
 - 6. Specific Ownership Tax revenues have been calculated based on applying a factor of 6.0% to annual property tax revenues (on both the Debt Service and Operations levies).
 - 7. It is projected that 98% of property taxes levied will be collected and available to the District (for both the Debt Service and Operations levies).
 - 8. It is projected that there will be a 2% biennial inflation rate on assessments. The bonding capacity could be higher if the rate of assessment inflation is greater or conversely lower if the inflation rate is below 2%.

Estimate of Potential Bonding Capacity

Based upon the development assumptions provided and the financial assumptions contained in the attached projected Financing Plan for the proposed Cottonwood Highland Metropolitan Districts No.1 and No.2, the projected revenue is sufficient to retire all Debt referenced in the Financing Plan within the restrictions set forth in the Districts' Service Plan, including but not limited to the maximum debt mill levies and mill levy imposition terms permitted.

The assumptions disclosed in the Financial Plan are those of the Developer and have not been independently reviewed by D.A. Davidson. Those assumptions identified are believed to be the significant factors in determining financial feasibility; however, they are likely not to be all-inclusive. There will usually be differences between forecasted and actual results, because events and circumstances frequently do not occur as projected, and those differences may be material. Key assumptions — like those relating to market values of real property improvements and the build out schedule of such property — are particularly sensitive in terms of the timing necessary to create the tax base for the District. A small variation in these variables, and to their timing, can have a large effect on the forecasted results. There is a high probability that the forecasted results will differ from realized future tax base factors and such variations can be material. Additionally, other key assumptions relating to inflation, assessment ratios, interest rates, and infrastructure, administrative, and operating costs may, and likely will, vary from those projected.

Because D.A. Davidson has not independently evaluated or reviewed the assumptions that the financial model is based upon, we do not vouch for the achievability (and disclaim any opinion) of the information provided. Furthermore, because of the inherent nature of future events, which are subject to change and variation as events and circumstances change, the actual results may vary materially from the results presented here. D.A. Davidson has no responsibility or obligation to update this information or this financial model for events occurring after the date of this report.

Respectfully submitted,

D.A. DAVIDSON & CO. FIXED INCOME CAPITAL MARKETS

Sam Sharp

Managing Director, Public Finance

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential) Development Projection at 37.827 (target) Mills for Debt Service

DA. Davidson & Co.

Series 2018, G.O. Bonds, Non-Rated, 30-yr. maturity

D.A. Davidson & Co.

Series 2018, G.O. Bonds, Non-Rated, 30-yr. maturity

Development Projection at 37,827 (target) Mills for Debt Service

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential)

-		Series 2018						
		\$13,745,000 Par		Surplus		3	ž	o Cia
	144	[Net \$11.885 MM]	June	Release (0)	Surplus	Assessed	Act'l Value	Coverage
YEAR	for Debt Svc	Service	Surplus	to \$1,374,600	\$1,374,500 Target	Ratio	Ratio	@ Cap
					c			
2014	000		17.5 1.5 1.5			n/a	r/a	n/a
2013	842 280		0 P		0	838%	7%	υ/a
2012	671 642		e/u	0	0	169%	%5	n/a
2018	785,313	0\$	785,313	0	785,313	82%	4%	n/a
2019	780,003	0	780,003	o	1,565,316	%69	2%	E/JJ
2020	860,312	859,863	449	191,265	1,374,500	63%	2%	113%
2021	860,312	859,088	1,224	1,224	1,374,500	62%	2%	113%
. 2022	877,519	873,038	4,481	4,481	1,374,500	61%	2%	114%
2023	877,519	875,888	1,631	1,631	1,374,500	%09	2%	113%
2024	895,069	893,188	1,881	1,881	1,374,500	28%	2%	113%
2025	895,069	894,113	926	926	1,374,500	21%	%	113%
2026	912,970	909,488	3,482	3,482	1,374,500	26%	4%	114%
2027	912,970	908,488	4,482	4,482	1,374,500	55%	4%	114%
2028	931,230	926,938	4,292	4,292	1,374,500	53%		114%
2029	931,230	928,738	2,492	2,492	1,374,500	25%	4%	114%
2030	949,854	949,713	141	141	1,374,500	20%		113%
2031	949,854	948,763	1,091	1,091	1,374,500	49%		113%
2032	968,851	886'996	1,863	1,863	1,374,500	46%		113%
2033	968,851	968,288	563	563	1,374,500	45%		113%
2034	988,228	983,488	4,740	4,740	1,374,500	43%		114%
2035	988,228	986,763	1,465	1,465	1,374,500	41%		113%
2036	1,007,993	1,003,663	4,330	4,330	1,374,500	39%		114%
2037	1,007,993	1,003,353	4,630	4,630	1,374,500	37%		114%
2038	1,028,153	1,026,688	1,465	1,465	1,374,500	34%		113%
2039	1,028,153	1,027,263	989	890	1,374,500	32%		113%
2040	1,048,716	1,046,188	2,528	2,528	1,374,500	29%		113%
2041	1,048,716	1,047,363	1,353	1,353	1,374,500	27%		113%
2042	1,069,690	1,066,613	3,077	3,077	1,374,500	24%		114%
2043	1,069,690	1,067,838	1,852	1,852	1,374,500	22%		113%
2044	1,091,084	1,086,863	4,221	4,221	1,374,500			114%
2045	1,091,084	1,087,588	3,496	3,496	1,374,500	16%		114%
2046	1,112,906	1,110,838	2,068	2,068	1,374,500	12%		113%
2047	1,112,906	1,110,238	2,668	2,668	1,374,500	%6 —		113%
2048	1,135,164	1,130,913	4,251	1,378,751	0	%9	%0	114%
	31,889,553	28,548,253	1,637,378	1,637,378				

[Wentera Riendar]

R NR LB Fin Plan

8/6/2014 J CHMD Fin Plan 14.xlsx

R NR·LB Fin Plan

8/6/2014 J CHMD Fin Plan 14.xlsx

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential)

Operations Revenue and Expense Projection

74518 Apaintage of Apartina (Callections) Collections (Body) Collection (Body) Application (Body) Collection (Body) Application (Body) Application (Body) Collection (Body) Application (Body) Applic	Assessed Operins Collections Collections Collections Value MIII Levy 66.84 66.87 66.87 1,305,000 5.000 6,395 6,811,150 5.000 6,395 6,811,150 5.000 5.000 97,265 72,988 14,895,469 5.000 107,280 97,265 21,893,858 5.000 107,280 107,280 21,893,858 5.000 107,280 107,280 22,778,370 5.000 107,280 107,280 22,233,735 5.000 107,280 107,280 22,233,937 5.000 111,614 14,446 22,778,370 5.000 111,614 14,446 23,23,937 5.000 116,123 12,446 24,172,588 5.000 116,123 12,446 24,172,588 5.000 118,446 124,466 24,172,588 5.000 118,446 125,491 24,172,588 5.000 120,815 120,815
Value MIII Lavy © 86% Enrod 1,305,000 5,000 0 0 1,305,000 5,000 6,335 3844 6,811,150 5,000 33,375 2,002 14,895,459 5,000 37,255 5,856 21,893,858 5,000 107,280 6,437 21,893,858 5,000 107,280 6,437 21,833,636 5,000 107,280 6,437 22,778,370 5,000 109,426 6,566 22,778,370 5,000 111,614 6,887 22,778,370 5,000 111,614 6,887 22,733,337 5,000 111,614 6,887 22,733,397 5,000 111,614 6,887 22,733,397 5,000 111,614 6,887 23,688,161 5,000 111,614 6,887 24,172,588 5,000 118,446 7,107 24,172,588 5,000 118,446 7,107 24,656,440 5,000	Value MILLENY © 96% © 64% © 65% 1,305,000 5,000 6,395 6,811,150 5,000 6,395 6,811,150 5,000 72,988 19,850,091 72,988 19,850,091 97,265 21,893,858 5,000 107,280 21,893,858 5,000 107,280
0 5,000 6,395 384 6,811,150 5,000 6,395 384 6,811,150 5,000 72,988 4,379 19,850,091 5,000 107,280 6,437 21,893,858 5,000 107,280 6,437 22,331,735 5,000 107,280 6,437 22,778,370 5,000 111,614 6,897 22,778,370 5,000 111,614 6,897 22,778,370 5,000 111,614 6,897 23,233,937 5,000 111,614 6,897 23,233,937 5,000 111,614 6,897 24,172,588 5,000 116,123 6,967 24,172,588 5,000 116,123 6,967 24,656,040 5,000 120,815 7,249 25,149,161 5,000 123,231 7,394 25,149,161 5,000 123,231 7,394 25,144 5,000 123,231 7,394 25,144 5,000 123,231 7,394 25,144 5,000 123,231 7,394 25,145,167 5,000 123,231 7,946 25,652,144 5,000 123,231 7,946 25,652,144 5,000 123,231 7,946 25,652,144 5,000 133,389 8,003 27,222,261 5,000 133,389 8,003 27,222,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,765,706 5,000 133,389 8,003 27,765,706 5,000 133,389 8,003 27,765,706 5,000 133,389 8,327 28,322,040 5,000 133,778 8,327 28,322,040 5,000 133,778 8,327 28,322,040 5,000 133,778 8,327 28,988,481 5,000 133,778 8,327	0 5,000 6,395 6,811,150 5,000 6,395 14,895,469 5,000 72,988 19,850,091 5,000 107,280 21,893,858 5,000 107,280 22,331,735 5,000 107,280 22,331,735 5,000 109,426 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,233,937 5,000 111,614 22,233,937 5,000 111,614 22,233,937 5,000 111,614 23,233,937 5,000 111,614 24,772,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 133,389 27,766,706 5,000 136,057 27,722,261 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 141,554
6 5,000 6,395 384 6,811,150 5,000 6,395 384 6,811,150 5,000 72,988 4,379 14,885,469 5,000 107,280 6,437 21,893,858 5,000 107,280 6,437 22,331,735 5,000 107,280 6,437 22,331,735 5,000 107,280 6,437 22,733,370 5,000 107,280 6,566 22,778,370 5,000 111,614 6,697 23,233,37 5,000 111,614 6,897 23,233,37 5,000 111,614 6,897 23,233,37 5,000 111,614 6,831 23,698,616 5,000 113,846 6,831 23,698,616 5,000 113,846 6,831 23,698,616 5,000 118,446 7,107 24,172,88 5,000 118,446 7,107 24,656,040 5,000 118,446 7,107 25,149,161 5,000 1120,815 7,249 25,149,161 5,000 123,231 7,394 25,652,144 5,000 123,231 7,394 25,652,144 5,000 123,231 7,394 25,652,144 5,000 123,231 7,846 26,688,491 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,389 8,003 27,722,261 5,000 133,778 8,327 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327	0 5,000 0 1,305,000 5,000 6,395 6,811,150 5,000 33,375 14,895,469 5,000 72,988 19,850,091 5,000 107,280 21,893,858 5,000 107,280 22,331,735 5,000 104,26 22,331,735 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,733,937 5,000 111,614 23,233,937 5,000 111,614 23,233,937 5,000 111,614 23,233,937 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,746 24,172,588 5,000 120,815 24,172,588 5,000 120,815 25,149,161 5,000 123,231 25,652,144 5,000 123,231 25,652,144 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 136,057 27,722,261 5,000 136,057 27,766,706 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 141,554
1,305,000 5,000 33,375 2,002 14,895,489 5,000 72,988 4,379 19,850,031 5,000 107,280 6,437 21,893,858 5,000 107,280 6,437 21,893,858 5,000 107,280 6,437 22,331,735 5,000 109,426 6,566 22,331,735 5,000 111,614 6,897 22,778,370 5,000 111,614 6,897 22,778,370 5,000 111,614 6,897 22,778,370 5,000 113,846 6,831 23,233,937 5,000 116,123 6,867 24,172,588 5,000 116,123 6,867 24,65,040 5,000 118,446 7,107 24,65,040 5,000 120,815 7,249 25,149,161 5,000 120,815 7,249 25,652,144 5,000 123,231 7,394 25,552,144 5,000 122,596 7,542 25,652,144 5,000 128,209 7,693 26,688,491 5,000	1,305,000 5,000 6,395 6,811,150 5,000 33,375 14,895,469 5,000 72,988 19,850,091 5,000 107,280 21,893,858 5,000 107,280 22,331,735 5,000 104,426 22,731,735 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,738,397 5,000 113,846 23,233,937 5,000 113,846 23,233,937 5,000 113,846 23,735,937 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 120,815 24,172,588 5,000 120,815 25,149,161 5,000 123,231 25,565,144 5,000 123,231 25,652,144 5,000 123,231 25,652,144 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 136,057 27,722,261 5,000 136,057 27,766,706 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 131,554
6,811,150 5,000 33,375 2,002 14,895,469 5,000 72,988 4,379 19,850,091 5,000 107,280 6,437 21,893,856 5,000 107,280 6,437 22,331,735 5,000 109,426 6,566 22,331,735 5,000 111,614 6,697 22,331,735 5,000 111,614 6,697 22,778,370 5,000 111,614 6,697 22,778,370 5,000 111,614 6,697 22,778,370 5,000 113,846 6,831 23,233,937 5,000 118,446 7,107 24,772,588 5,000 118,446 7,107 24,772,588 5,000 112,446 7,107 24,772,588 5,000 112,446 7,107 24,772,588 5,000 120,815 7,249 24,749,161 5,000 123,231 7,394 25,149,161 5,000 123,234 7,642 25,652,144	6,811,150 5,000 33,375 14,895,469 5,000 72,988 19,850,091 5,000 107,280 21,893,858 5,000 107,280 22,331,735 5,000 109,426 22,331,735 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,738,397 5,000 113,846 23,233,937 5,000 116,123 23,698,616 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 120,815 24,172,588 5,000 120,815 24,172,588 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,652,144 5,000 123,231 25,652,144 5,000 123,231 25,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 136,057 27,722,261 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778
14,895,469 5,000 72,988 4,379 19,850,091 5,000 97,265 5,836 21,893,858 5,000 107,280 6,437 21,893,856 5,000 107,280 6,437 22,331,735 5,000 109,426 6,566 22,331,735 5,000 111,614 6,697 22,778,370 5,000 111,614 6,697 22,778,370 5,000 111,614 6,697 22,778,370 5,000 113,846 6,831 23,233,937 5,000 113,846 6,831 23,698,616 5,000 116,123 6,967 24,172,588 5,000 118,446 7,107 24,656,040 5,000 112,446 7,107 24,656,040 5,000 112,446 7,107 24,656,040 5,000 123,231 7,394 25,149,161 5,000 123,231 7,394 25,652,144 5,000 123,234 7,693 26,165,167	14,895,469 5,000 72,988 19,850,091 5,000 107,280 21,893,858 5,000 107,280 22,331,735 5,000 107,280 22,331,735 5,000 109,426 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 113,846 23,233,937 5,000 118,446 23,233,937 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,656,040 5,000 120,815 24,656,040 5,000 120,815 24,172,588 5,000 123,231 24,656,040 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,652,144 5,000 123,232 26,684,91 5,000 123,232 26,688,491 5,000 130,774 27,222,261 5,000 130,774 27,222,261 5,000 136,657
19,850,091 5,000 97,265 5,836 21,893,858 5,000 107,280 6,437 21,893,858 5,000 107,280 6,437 22,331,735 5,000 108,426 6,566 22,331,735 5,000 111,614 6,697 22,778,370 5,000 111,614 6,697 22,778,370 5,000 113,846 6,831 23,233,937 5,000 113,846 6,831 23,698,616 5,000 116,123 6,967 24,172,588 5,000 118,446 7,107 24,656,040 5,000 120,815 7,249 24,656,040 5,000 120,815 7,542 25,149,161 5,000 123,231 7,542 25,652,144 5,000 123,231 7,542 25,652,144 5,000 123,23 7,693 26,65,140 5,000 128,209 7,693 26,68,491 5,000 128,209 7,693 26,68,491	19,850,091 5,000 97,265 21,893,858 5,000 107,280 21,893,858 5,000 107,280 22,331,735 5,000 109,426 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,733,937 5,000 111,614 23,233,937 5,000 116,123 24,772,588 5,000 118,446 24,172,588 5,000 118,446 24,656,040 5,000 118,446 24,656,040 5,000 120,815 24,656,040 5,000 120,815 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,652,144 5,000 123,232 26,684,991 5,000 130,774 26,684,991 5,000 130,774
21,893,858 5,000 107,280 6,437 21,893,656 5,000 107,280 6,437 22,331,735 5,000 108,426 6,566 22,331,735 5,000 111,614 6,697 22,778,370 5,000 111,614 6,697 22,778,370 5,000 111,614 6,697 23,233,937 5,000 113,846 6,831 23,233,937 5,000 116,123 6,967 24,172,588 5,000 116,123 6,967 24,172,588 5,000 118,446 7,107 24,656,040 5,000 120,815 7,249 24,656,040 5,000 120,815 7,542 25,149,161 5,000 123,231 7,542 25,652,144 5,000 123,231 7,542 25,652,144 5,000 123,23 7,693 25,652,144 5,000 128,209 7,693 26,652,144 5,000 128,209 7,693 26,88,491	21,893,858 5,000 107,280 21,893,858 5,000 107,280 22,331,735 5,000 109,426 22,331,735 5,000 111,614 22,778,370 5,000 111,614 22,778,370 5,000 111,614 22,232,937 5,000 111,614 23,233,937 5,000 113,846 23,233,937 5,000 116,123 23,686,016 5,000 116,123 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,656,040 5,000 120,815 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,233 25,149,161 5,000 123,233 25,149,161 5,000 123,230 25,652,144
21,893,858 5.000 107,280 6,437 22,331,735 5.000 109,426 6,566 22,331,735 5.000 111,614 6,697 22,778,370 5.000 111,614 6,697 22,778,370 5.000 111,614 6,687 22,778,370 5.000 113,846 6,831 23,233,937 5.000 113,846 6,831 23,698,616 5.000 116,123 6,967 24,172,588 5.000 118,446 7,107 24,656,040 5.000 120,815 7,249 24,656,040 5.000 120,815 7,249 25,149,161 5.000 120,815 7,542 25,149,161 5.000 123,231 7,542 25,52,144 5.000 123,231 7,542 25,652,144 5.000 123,231 7,542 25,652,144 5.000 123,231 7,693 26,652,144 5.000 128,209 7,693 26,165,167	21,893,858 5,000 107,280 22,331,735 5,000 109,426 22,778,370 5,000 111,614 22,778,370 5,000 111,614 23,233,937 5,000 111,614 23,233,937 5,000 113,846 23,233,937 5,000 116,123 23,698,616 5,000 116,123 24,772,588 5,000 118,446 24,772,588 5,000 118,446 24,656,040 5,000 118,446 24,656,040 5,000 120,815 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,652,144 5,000 123,231 25,652,144 5,000 123,231 25,682,144 5,000 128,209 26,165,167 5,000 128,209 26,165,167 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 130,774 27,766,706
22,331,735 5,000 109,426 6,566 22,331,735 5,000 111,614 6,697 22,778,370 5,000 111,614 6,697 22,778,370 5,000 113,846 6,831 23,233,937 5,000 113,846 6,831 23,698,616 5,000 116,123 6,967 24,172,588 5,000 118,446 7,107 24,172,588 5,000 118,446 7,107 24,656,040 5,000 120,815 7,249 24,656,040 5,000 120,815 7,249 25,149,161 5,000 120,815 7,542 25,149,161 5,000 123,231 7,542 25,52,144 5,000 123,231 7,542 25,652,144 5,000 123,231 7,542 25,652,144 5,000 123,231 7,542 25,652,144 5,000 123,23 7,693 26,165,167 5,000 128,209 7,693 26,165,187	22,331,735 5,000 109,426 22,331,735 5,000 109,426 22,778,370 5,000 111,614 22,778,370 5,000 111,614 23,233,937 5,000 111,614 23,233,937 5,000 113,846 23,698,616 5,000 116,123 24,772,588 5,000 118,446 24,772,588 5,000 118,446 24,772,588 5,000 118,446 24,772,588 5,000 118,446 24,656,040 5,000 120,815 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 133,389 25,165,167 5,000 133,389 27,722,261 5,000 136,057 27,766,706 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 131,554
22,331,735 5.000 109,426 6,566 22,778,370 5.000 111,614 6,897 22,778,370 5.000 113,846 6,831 23,233,937 5.000 113,846 6,831 23,698,616 5.000 116,123 6,967 23,698,616 5.000 116,123 6,967 24,172,588 5.000 118,446 7,107 24,656,040 5.000 120,815 7,249 25,149,161 5.000 120,815 7,249 25,149,161 5.000 120,815 7,542 25,652,144 5.000 123,231 7,394 25,652,144 5.000 123,231 7,542 25,652,144 5.000 125,696 7,542 25,652,144 5.000 128,209 7,693 26,165,187 5.000 128,209 7,693 26,165,187 5.000 128,209 7,693 26,165,187 5.000 128,209 7,693 26,165,187 5.000 130,774 7,846 27,222,261 5.000 <td>22,331,735 5,000 109,426 22,778,370 5,000 111,614 22,778,370 5,000 111,614 23,233,937 5,000 113,846 23,698,616 5,000 116,123 24,172,588 5,000 116,123 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,656,040 5,000 120,815 24,656,040 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,652,144 5,000 123,231 25,652,144 5,000 125,696 25,682,144 5,000 128,209 26,683,491 5,000 130,774 26,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 136,657 27,766,706 5,000 136,657 27,766,706 5,000 136,778 28,322,040 5,000 136,778 28,332,040 5,000 136,778</td>	22,331,735 5,000 109,426 22,778,370 5,000 111,614 22,778,370 5,000 111,614 23,233,937 5,000 113,846 23,698,616 5,000 116,123 24,172,588 5,000 116,123 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,656,040 5,000 120,815 24,656,040 5,000 123,231 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,652,144 5,000 123,231 25,652,144 5,000 125,696 25,682,144 5,000 128,209 26,683,491 5,000 130,774 26,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 136,657 27,766,706 5,000 136,657 27,766,706 5,000 136,778 28,322,040 5,000 136,778 28,332,040 5,000 136,778
22,778,370 5.000 111,614 6,697 22,778,370 5.000 113,846 6,831 23,233,937 5.000 113,846 6,831 23,698,616 5.000 116,123 6,967 23,698,616 5.000 116,123 6,967 24,172,588 5.000 118,446 7,107 24,656,040 5.000 120,815 7,249 25,149,161 5.000 120,815 7,249 25,149,161 5.000 120,815 7,542 25,652,144 5.000 123,231 7,394 25,652,144 5.000 123,231 7,542 25,652,144 5.000 123,231 7,542 25,652,144 5.000 123,231 7,693 26,165,187 5.000 128,209 7,693 26,165,187 5.000 128,209 7,693 26,688,491 5.000 128,209 7,693 27,222,261 5.000 133,389 8,003 27,222,261	22,778,370 5,000 111,614 22,778,370 5,000 111,614 23,233,937 5,000 113,846 23,233,937 5,000 116,123 23,698,616 5,000 116,123 23,698,616 5,000 116,123 24,772,588 5,000 118,446 24,772,588 5,000 120,815 24,656,040 5,000 120,815 25,149,161 5,000 123,231 25,149,161 5,000 125,696 25,149,161 5,000 128,209 25,652,144 5,000 128,209 26,651,187 5,000 128,209 26,688,491 5,000 128,209 26,688,491 5,000 130,774 26,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 136,657 27,756,706 5,000 136,657 27,766,706 5,000 136,778 28,332,040 5,000 138,778 28,888,481 5,000 138,778
22,778,370 5,000 111,614 6,697 23,233,937 5,000 113,846 6,831 23,233,937 5,000 113,846 6,831 23,698,616 5,000 116,123 6,967 24,172,588 5,000 118,446 7,107 24,172,588 5,000 120,815 7,249 24,656,040 5,000 120,815 7,249 25,149,161 5,000 122,815 7,394 25,149,161 5,000 123,231 7,394 25,652,144 5,000 123,231 7,542 25,652,144 5,000 123,231 7,542 25,652,144 5,000 123,231 7,542 25,652,144 5,000 123,231 7,693 26,165,187 5,000 128,209 7,693 26,165,187 5,000 128,209 7,693 26,688,491 5,000 128,209 7,693 27,222,261 5,000 133,389 8,003 27,222,261	22,778,370 5,000 111,614 23,233,937 5,000 113,846 23,538,616 5,000 116,123 23,698,616 5,000 116,123 24,772,588 5,000 118,446 24,772,588 5,000 118,446 24,772,588 5,000 120,815 24,656,040 5,000 120,815 25,149,161 5,000 123,231 25,149,161 5,000 125,696 25,149,161 5,000 125,696 25,149,161 5,000 128,209 26,562,144 5,000 128,209 26,682,187 5,000 128,209 26,688,491 5,000 128,209 26,688,491 5,000 130,774 26,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 136,657 27,756,706 5,000 136,657 27,766,706 5,000 136,657 28,332,040 5,000 138,778 28,888,481 5,000 138,778
23,233,937 5,000 113,846 6,831 23,233,937 5,000 113,846 6,831 23,698,616 5,000 116,123 6,967 23,698,616 5,000 116,123 6,967 24,172,588 5,000 118,446 7,107 24,656,040 5,000 120,815 7,249 24,656,040 5,000 120,815 7,249 25,149,161 5,000 122,815 7,542 25,652,144 5,000 123,231 7,542 25,652,144 5,000 123,231 7,542 25,652,144 5,000 125,696 7,542 26,165,187 5,000 128,209 7,693 26,165,187 5,000 128,209 7,693 26,165,187 5,000 128,209 7,693 26,165,187 5,000 128,209 7,693 26,165,187 5,000 128,209 7,693 26,165,187 5,000 130,774 7,846 27,222,261	23,233,937 5,000 113,846 23,233,937 5,000 113,846 23,698,616 5,000 116,123 24,772,588 5,000 118,446 24,772,588 5,000 118,446 24,772,588 5,000 120,815 24,656,040 5,000 120,815 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,552,144 5,000 128,209 25,652,144 5,000 128,209 26,165,187 5,000 128,209 26,165,187 5,000 128,209 26,688,491 5,000 130,774 26,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 130,774 27,756,706 5,000 136,657 27,766,706 5,000 136,657 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,888,481 5,000 138,778
23,233,937 5.000 113,846 6,831 23,698,616 5.000 116,123 6,967 23,698,616 5.000 118,123 6,967 24,172,588 5.000 118,446 7,107 24,656,040 5.000 120,815 7,249 24,656,040 5.000 120,815 7,249 25,149,161 5.000 122,831 7,394 25,652,144 5.000 125,696 7,542 25,652,144 5.000 125,696 7,542 26,165,187 5.000 128,209 7,693 26,165,187 5.000 128,209 7,693 26,688,491 5.000 128,209 7,693 26,688,491 5.000 130,774 7,846 27,222,261 5.000 133,389 8,003 27,722,261 5.000 133,389 8,003 27,765,706 5.000 136,057 8,163 27,722,261 5.000 136,057 8,163 28,322,040	23,233,937 5,000 113,846 23,698,616 5,000 116,123 24,172,588 5,000 118,446 24,172,588 5,000 118,446 24,656,040 5,000 120,815 24,656,040 5,000 120,815 25,149,161 5,000 123,231 25,149,161 5,000 123,231 25,552,144 5,000 125,696 25,652,144 5,000 128,209 26,682,187 5,000 128,209 26,688,491 5,000 130,774 26,688,491 5,000 130,774 26,688,491 5,000 133,389 27,222,261 5,000 136,657 27,756,706 5,000 136,657 27,756,706 5,000 136,778 28,332,040 5,000 136,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,332,040 5,000 138,778 28,688,481 5,000 138,778
23,698,616 5,000 116,123 6,967 23,698,616 5,000 118,446 7,107 24,172,588 5,000 118,446 7,107 24,172,588 5,000 118,446 7,107 24,656,040 5,000 120,815 7,249 24,656,040 5,000 120,815 7,249 25,149,161 5,000 123,231 7,394 25,149,161 5,000 123,231 7,542 25,652,144 5,000 125,696 7,542 26,165,187 5,000 128,209 7,693 26,165,187 5,000 128,209 7,693 26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,222,261 5,000 133,389 8,003 27,766,706 5,000 138,057 8,163 28,322,040 5,000 138,778 8,163 28,322,040 5,000 138,778 8,493 28,322,040 5,000 138,778 8,493	23,698,616 5.000 116,123 23,698,616 5.000 116,123 24,172,588 5.000 118,446 24,172,588 5.000 118,446 24,656,040 5.000 120,815 26,149,161 5.000 120,815 25,149,161 5.000 123,231 25,652,144 5.000 125,696 26,165,187 5.000 128,209 26,688,491 5.000 130,774 26,688,491 5.000 130,774 26,688,491 5.000 133,389 27,222,261 5.000 136,657 27,756,706 5.000 136,657 27,766,706 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778 28,332,040 5.000 136,554
23,698,616 5,000 116,123 6,967 24,172,588 5,000 118,446 7,107 24,172,588 5,000 118,446 7,107 24,656,040 5,000 120,815 7,249 24,656,040 5,000 120,815 7,249 25,149,161 5,000 123,231 7,394 25,149,161 5,000 123,231 7,542 25,652,144 5,000 125,696 7,542 25,652,144 5,000 128,209 7,542 26,652,144 5,000 128,209 7,542 26,652,144 5,000 128,209 7,542 26,652,144 5,000 128,209 7,693 26,654,167,167 5,000 130,774 7,846 26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,222,261 5,000 136,057 8,163 28,322,040 5,000 138,057 8,163 28,322,040 <td>23,698,616 5.000 116,123 24,172,588 5.000 118,446 24,172,588 5.000 120,815 24,656,040 5.000 120,815 25,149,161 5.000 123,231 25,149,161 5.000 123,231 25,652,144 5.000 125,696 25,652,144 5.000 128,209 26,165,187 5.000 130,774 26,688,491 5.000 130,774 26,688,491 5.000 133,389 27,222,261 5.000 136,657 27,766,706 5.000 136,057 27,766,706 5.000 136,057 27,766,706 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778</td>	23,698,616 5.000 116,123 24,172,588 5.000 118,446 24,172,588 5.000 120,815 24,656,040 5.000 120,815 25,149,161 5.000 123,231 25,149,161 5.000 123,231 25,652,144 5.000 125,696 25,652,144 5.000 128,209 26,165,187 5.000 130,774 26,688,491 5.000 130,774 26,688,491 5.000 133,389 27,222,261 5.000 136,657 27,766,706 5.000 136,057 27,766,706 5.000 136,057 27,766,706 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 136,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778
24,172,588 5.000 118,446 7,107 24,172,588 5.000 118,446 7,107 24,656,040 5.000 120,815 7,249 24,656,040 5.000 120,815 7,249 25,149,161 5.000 123,231 7,394 25,149,161 5.000 123,231 7,394 25,652,144 5.000 125,696 7,542 25,652,144 5.000 128,209 7,542 26,652,144 5.000 128,209 7,693 26,165,187 5.000 128,209 7,693 26,688,491 5.000 130,774 7,846 27,222,261 5.000 133,389 8,003 27,222,261 5.000 133,389 8,003 27,766,706 5.000 136,057 8,163 28,322,040 5.000 138,778 8,163 28,322,040 5.000 138,778 8,327 28,88,481 5.000 138,778 8,493 28,922,040	24,172,588 5.000 118,446 24,172,588 5.000 118,446 24,656,040 5.000 120,815 25,149,161 5.000 123,231 25,149,161 5.000 123,231 25,652,144 5.000 125,696 26,165,187 5.000 126,696 26,165,187 5.000 128,209 26,688,491 5.000 130,774 26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,722,261 5.000 136,057 27,766,706 5.000 136,057 27,766,706 5.000 136,057 28,332,040 5.000 138,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778 28,332,040 5.000 136,54 28,332,040 5.000 136,54 28,088,481 5.000 136,54
24,172,588 5.000 118,446 7,107 24,656,040 5.000 120,815 7,249 24,656,040 5.000 120,815 7,249 25,149,161 5.000 123,231 7,394 25,149,161 5.000 123,231 7,394 25,652,144 5.000 125,696 7,542 25,652,144 5.000 128,209 7,693 26,165,187 5.000 128,209 7,693 26,165,187 5.000 130,774 7,846 26,688,491 5.000 130,774 7,846 27,222,261 5.000 133,389 8,003 27,222,261 5.000 133,389 8,003 27,766,706 5.000 136,657 8,163 28,322,040 5.000 138,778 8,163 28,322,040 5.000 138,778 8,327 28,88,481 5.000 138,778 8,493	24,172,588 5.000 118,446 24,656,040 5.000 120,815 24,656,040 5.000 120,815 25,149,161 5.000 123,231 25,652,144 5.000 123,636 25,652,144 5.000 125,696 26,165,187 5.000 128,209 26,688,491 5.000 130,774 26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,222,261 5.000 136,657 27,766,706 5.000 136,057 27,766,706 5.000 136,057 28,322,040 5.000 138,778 28,332,040 5.000 138,778 28,332,040 5.000 138,778 28,388,481 5.000 138,778
24,656,040 5,000 120,815 7,249 24,656,040 5,000 120,815 7,249 25,149,161 5,000 123,231 7,394 25,149,161 5,000 123,231 7,394 25,652,144 5,000 125,696 7,542 25,652,144 5,000 128,209 7,542 26,165,187 5,000 128,209 7,693 26,165,187 5,000 130,774 7,846 26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,222,261 5,000 133,389 8,003 27,766,706 5,000 136,057 8,163 28,322,040 5,000 136,057 8,163 28,322,040 5,000 136,057 8,163 28,88,481 5,000 136,057 8,163 28,988,481 5,000 136,057 8,163	24,656,040 5.000 120,815 24,656,040 5.000 120,815 25,149,161 5.000 123,231 25,549,161 5.000 123,231 25,652,144 5.000 125,696 26,165,167 5.000 128,209 26,165,187 5.000 128,209 26,688,491 5.000 130,774 26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,222,261 5.000 136,657 27,766,706 5.000 136,057 27,766,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,388,481 5.000 138,778
24,656,040 5.000 120,815 7,249 25,149,161 5.000 123,231 7,394 25,149,161 5.000 123,231 7,394 25,652,144 5.000 125,696 7,542 25,652,144 5.000 128,209 7,542 26,681,87 5.000 128,209 7,693 26,688,491 5.000 130,774 7,846 27,222,261 5.000 130,774 7,846 27,222,261 5.000 133,389 8,003 27,726,706 5.000 138,657 8,163 27,766,706 5.000 136,657 8,163 28,322,040 5.000 138,778 8,327 28,322,040 5.000 138,778 8,327 28,88,481 5.000 136,657 8,163 28,988,481 5.000 136,778 8,493	24,656,040 5.000 120,815 25,149,161 5.000 123,231 25,149,161 5.000 123,231 25,652,144 5.000 125,696 26,165,187 5.000 128,209 26,165,187 5.000 128,209 26,688,491 5.000 130,774 26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,222,261 5.000 136,657 27,766,706 5.000 136,057 27,766,706 5.000 136,057 28,322,040 5.000 138,778 28,332,040 5.000 138,778 28,322,040 5.000 138,778 28,388,481 5.000 138,778
25,149,161 5.000 123,231 7,394 25,149,161 5.000 123,231 7,394 25,652,144 5.000 125,696 7,542 25,652,144 5.000 125,696 7,542 26,165,187 5.000 128,209 7,693 26,688,491 5.000 130,774 7,846 27,222,261 5.000 130,774 7,846 27,222,261 5.000 133,389 8,003 27,722,261 5.000 133,389 8,003 27,766,706 5.000 136,057 8,163 28,322,040 5.000 136,057 8,163 28,322,040 5.000 138,778 8,327 28,322,040 5.000 138,778 8,327 28,88,481 5.000 138,778 8,493	25,149,161 5.000 123,231 25,149,161 5.000 123,231 25,652,144 5.000 125,696 25,652,144 5.000 125,696 26,165,187 5.000 128,209 26,165,187 5.000 128,209 26,688,491 5.000 130,774 26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,722,261 5.000 133,389 27,765,706 5.000 136,057 27,766,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778
25,149,161 5,000 123,231 7,394 25,652,144 5,000 125,696 7,542 25,652,144 5,000 125,696 7,542 26,165,187 5,000 128,209 7,693 26,165,187 5,000 128,209 7,693 26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,222,261 5,000 133,389 8,003 27,765,706 5,000 136,057 8,163 28,322,040 5,000 136,057 8,163 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327 28,88,481 5,000 141,554 8,493	25,149,161 5.000 123,231 25,652,144 5.000 125,696 25,652,144 5.000 125,696 26,165,187 5.000 128,209 26,165,187 5.000 128,209 26,688,491 5.000 130,774 26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,222,261 5.000 133,389 27,765,706 5.000 136,057 27,766,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778
25,652,144 5.000 125,696 7,542 25,652,144 5.000 125,696 7,542 26,165,187 5.000 128,209 7,693 26,165,187 5.000 128,209 7,693 26,168,491 5.000 130,774 7,846 27,222,261 5.000 133,389 8,003 27,222,261 5.000 133,389 8,003 27,766,706 5.000 136,057 8,163 28,322,040 5.000 136,057 8,163 28,322,040 5.000 138,778 8,327 28,88,481 5.000 141,554 8,493	25,652,144 5.000 125,696 25,652,144 5.000 125,696 26,165,187 5.000 128,209 26,165,187 5.000 128,209 26,688,491 5.000 130,774 26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,222,261 5.000 133,389 27,765,706 5.000 136,057 27,766,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778
25,652,144 5,000 125,696 7,542 26,165,187 5,000 128,209 7,693 26,165,187 5,000 128,209 7,693 26,688,491 5,000 130,774 7,846 26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,222,261 5,000 133,389 8,003 27,765,706 5,000 136,057 8,163 28,322,040 5,000 136,057 8,163 28,322,040 5,000 138,778 8,327 28,88,481 5,000 141,554 8,493	25,652,144 5,000 125,696 26,165,187 5,000 128,209 26,165,187 5,000 128,209 26,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 133,389 27,222,261 5,000 133,389 27,766,706 5,000 136,057 27,766,706 5,000 136,057 28,322,040 5,000 138,778 28,322,040 5,000 138,778 28,888,481 5,000 141,554
26,165,187 5,000 128,209 7,693 26,165,167 5,000 128,209 7,693 26,688,491 5,000 130,774 7,846 26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,722,267 5,000 136,057 8,163 27,766,706 5,000 136,057 8,163 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327 28,888,481 5,000 141,554 8,493	26,165,187 5,000 128,209 26,167,187 5,000 128,209 26,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 133,389 27,222,261 5,000 133,389 27,766,706 5,000 136,057 27,766,706 5,000 136,057 28,322,040 5,000 138,778 28,322,040 5,000 138,778 28,888,481 5,000 141,554
26,165,167 5,000 128,209 7,693 26,688,491 5,000 130,774 7,846 26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,222,261 5,000 136,057 8,163 27,766,706 5,000 136,057 8,163 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327 28,888,481 5,000 141,554 8,493	26,165,187 5,000 128,209 26,688,491 5,000 130,774 26,688,491 5,000 130,774 27,222,261 5,000 133,389 27,222,261 5,000 133,389 27,766,706 5,000 136,057 27,768,706 5,000 136,057 28,322,040 5,000 138,778 28,322,040 5,000 138,778 28,322,040 5,000 138,778 28,888,481 5,000 141,554
26,688,491 5,000 130,774 7,846 26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,222,261 5,000 136,057 8,163 27,766,706 5,000 136,057 8,163 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327 28,888,481 5,000 141,554 8,493	26,688,491 5.000 130,774 26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,222,261 5.000 133,389 27,765,706 5.000 136,057 27,768,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,888,481 5.000 141,554
26,688,491 5,000 130,774 7,846 27,222,261 5,000 133,389 8,003 27,222,261 5,000 133,389 8,003 27,766,706 5,000 136,057 8,163 27,766,706 5,000 136,057 8,163 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327 28,888,481 5,000 141,554 8,493	26,688,491 5.000 130,774 27,222,261 5.000 133,389 27,222,261 5.000 133,389 27,765,706 5.000 136,057 27,768,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,888,481 5.000 141,554
27,222,261 5,000 133,389 8,003 27,222,261 5,000 133,389 8,003 27,766,706 5,000 136,057 8,163 27,766,706 5,000 136,057 8,163 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327 28,888,481 5,000 141,554 8,493	27,222,261 5.000 133,389 27,222,261 5.000 133,389 27,765,706 5.000 136,057 27,768,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,322,040 5.000 138,778
27,222,261 5.000 133,389 8,003 27,766,706 5.000 136,057 8,163 27,766,706 5.000 136,057 8,163 28,322,040 5.000 138,778 8,327 28,322,040 5.000 138,778 8,327 28,888,481 5.000 141,554 8,493	27,222,261 5.000 133,389 27,765,706 5.000 136,057 27,768,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,888,481 5.000 141,554
27,766,706 5.000 136,057 8,163 27,766,706 5.000 136,057 8,163 28,322,040 5.000 138,778 8,327 28,322,040 5.000 138,778 8,327 28,888,481 5.000 141,554 8,493	27,766,706 5.000 136,057 27,766,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,888,481 5.000 141,554
27,766,706 5,000 136,057 8,163 28,322,040 5,000 138,778 8,327 28,322,040 5,000 138,778 8,327 28,888,481 5,000 141,554 8,493	27,766,706 5.000 136,057 28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,888,481 5.000 141,554
28,322,040 5.000 138,778 8,327 28,322,040 5.000 138,778 8,327 28,888,481 5.000 141,554 8,493	28,322,040 5.000 138,778 28,322,040 5.000 138,778 28,888,481 5.000 141,554
28,322,040 5.000 138,778 8,327 28,888,481 5.000 141,554 6,493	28,322,040 5,000 138,778 28,888,481 5,000 141,554
28,888,481 5.000 141,554 6,493	28,988,481 5.000 141,554
	243,893

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential)

Development Projection (updated 6/16/14)

ų,			Inflated @	2% Value	0	\$140,000 0	142,800 35,700,000	145,656 0	148,569 0	151,541 0	154,571 0	157,663 0	160,816 0	164,032 0	0 167,313 0	170,659 0		177,554	181,105	0 184,727 0	0 188,422 0	0 192,190 0	
PA 6 - MF		# Units	Completed	250			250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Incr/(Decr) in	Finished Lot	Value @	10%	0	3,500,000	(3,500,000)	0	0	0	0	0	0	0	0		0	0	0	0	0	0	
			# Lots	Devel'd	0	250	0	0	0		0	0	٥	0	0	0	0	0	0	0	0		
			Market	Vatue	0	0	30,600,000	31,212,000	31,836,240		0	0	0	0	0	0	0	0	0	0	0	0	
		Price	Inflated @	2%		\$300,000	306,000	312,120	318,362	324,730	331,224	337,849	344,606	351,498	358,528	365,698	373,012	380,473	388,082	395,844	403,761	411,836	
PA 4 - SFA		# Units	Completed	300			100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Incr/(Decr) In	Finished Lot	Value @	10%	0	3,000,000	0	0	(3.000,000)	` o	0	0	0	0	0	0	0	0	0	0	0	0	
	_		# Lots	Devel'd	0	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0		
			Market	Value	0	45,000,000	47,277,000	47.754.360	0	0	0	0	0	0	O	0	0	0	0	0	0	0	
S	I	Price	Inflated @	2%		\$450,000	459 000	468,180	477.544	487.094	496.836	506,773	516.909	527 247	537,792	548,547	559,518	570,709	582,123	593,765	605.641	617,754	
PA 1-3 - SFDs		# Units	Completed	305		9	103	102			0	0	0	0	0	0	0	0	0	0	0	0	
Q	Incr/(Decr) in	Finished Lot			4,500,000	135,000	(45,000)	(4 590 000)	```			٥	0	. 0	0	0	0	0	0	0	0	0	
	-		# Lots	Devel'd	100	103	102			· c	· c	-	· c		_		-			- c	· ·	•	
		•		YEAR	2014	2015	2016	2012	2018	2010	2020	202	2022	202	2024	2025	2026	2027	2028	502	2030	2031	

Prepared by D.A. Davidson Co.

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential)

Development Projection (updated 6/16/14)

•	Residential Summary	птагу					
							-
							Annual Market
-	Total				Total SFD	Total MF	Value +/- of
	Residential	Total	Total	Total	Dev, Fees	Dev. Fees	Platted &
YEAR	Market Value	SFD Units	MF Units	Res'l Units	@ \$2,000/unit	@ \$1,500/unit	Developed Lots
		•	•	•	•	•	
2014	O\$	0	0	0	0	0	4,500,000
2015	45,000,000	100	0	100	200,000	0	6,635,000
2016	113,577,000	203	250	453	406,000	375,000	(3,545,000)
2017	78,966,360	202	0	202	404,000	0	(4,590,000)
2018	31,836,240	9	0	100	200,000	0	(3,000,000)
2019	•	0	0	0	0	0	
2020	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0
2025	-	0	0	0	0	0	0
2026	0	0	0	0	0	0	0
2027	0	0	0	0	O	0	0
2028	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0
	. 269,379,600	605	250	855	1,210,000	375,000	© —



SOURCES AND USES OF FUNDS

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential) GENERAL OBLIGATION BONDS, SERIES 2018 37.827 (target) Mills Non-Rated, 2048 Final Maturity [Preliminary -- for discussion only]

Dated Date Delivery Date 12/01/2018 12/01/2018

Sources:	
Bond Proceeds: Par Amount	13,745,000.00
	13,745,000.00
Uses:	
Project Fund Deposits: Project Fund Deposit	11,884,927.73
Other Fund Deposits: Capitalized Interest Fund Debt Service Reserve Fund	754,297.27 555,975.00 1,310,272.27
Delivery Date Expenses: Cost of Issuance	549,800.00
	13.745.000.00



BOND SUMMARY STATISTICS

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential) GENERAL OBLIGATION BONDS, SERIES 2018 37.827 (target) Mills

Non-Rated, 2048 Final Maturity [Preliminary -- for discussion only]

Dated Date	12/01/2018
Delivery Date	12/01/2018
First Coupon	06/01/2019
Last Maturity	12/01/2048
A 4 M A 20 M A	5.500000%
Arbitrage Yield	5.50000%
True Interest Cost (TIC)	5.500000%
Net Interest Cost (NIC)	5.844939%
All-In TIC	5.500000%
Average Coupon	3.300000%
Average Life (years)	21.360
Duration of Issue (years)	12.289
•	40.745.000.00
Par Amount	13,745,000.00
Bond Proceeds	13,745,000.00
Total Interest	16,147,450.00
Net Interest	16,147,450.00
Bond Years from Dated Date	293,590,000.00
Bond Years from Delivery Date	293,590,000.00
Total Debt Service	29,892,450.00
Maximum Annual Debt Service	1,688,000.00
Average Annual Debt Service	996,415.00
Underwriter's Fees (per \$1000) Average Takedown Other Fee	
Total Underwriter's Discount	
Bld Price	100.000000

Bond Component	Par Value	Price	Average Coupon	Average Life	Average Maturity Date	PV of 1 bp change
Term Bond due 2048	13,745,000.00	100.000	5.500%	21.360	04/10/2040	20,067.70
	13,745,000.00			21.360		20,067.70
		TIC		All-In TIC	Arbitrage Yield	
Par Value + Accrued Interest + Premium (Discount)		13,745,000.00	13,	745,000.00	13,745,000.00	
- Underwriter's Discount - Cost of Issuance Expense - Other Amounts				549,800.00		
Target Value		13,745,000.00	13,	195,200.00	13,745,000.00	
Target Date Yield		12/01/2018 5.500000%		12/01/2018 5.844939%	12/01/2018 5.500000%	



BOND DEBT SERVICE

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential) GENERAL OBLIGATION BONDS, SERIES 2018 37.827 (target) Mills

Non-Rated, 2048 Final Maturity [Preliminary -- for discussion only]

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
00/04/0040			377,987.50	377,987.50	
06/01/2019			377,987.50	377,987.50	755,975
12/01/2019			377,987.50	377,987.50	100,010
08/01/2020	105.000	5.500%	377,987.50	482,987.50	860,975
12/01/2020	105,000	9,50076		375,100.00	555,575
06/01/2021	440.000	6 5000/	375,100.00	485,100.00	860,200
12/01/2021	110,000	5.500%	375,100.00	372,075.00	000,200
06/01/2022	400.000	E #000/	372,075.00		874,150
12/01/2022	130,000	5.500%	372,075.00	502,075.00	074,130
06/01/2023			368,500.00	368,500.00	977 000
12/01/2023	140,000	5.500%	368,500.00	508,500.00	877,000
06/01/2024	405.000	r cocs/	364,650.00	364,650.00	804 300
12/01/2024	165,000	5.500%	364,650.00	529,650.00	894,300
06/01/2025			360,112.50	360,112.50	005 225
12/01/2025	175,000	5.500%	360,112.50	535,112.50	895,225
06/01/2028			355,300.00	355,300.00	242.550
12/01/2026	200,000	5,500%	355,300.00	555,300.00	910,600
06/01/2027			349,800.00	349,800.00	
12/01/2027	210,000	5.500%	349,800.00	559,800.00	909,600
06/01/2028			344,025.00	344,025.00	
12/01/2028	240,000	5.500%	344,025,00	584,025.00	928,050
06/01/2029	*		337,425.00	337,425.00	
12/01/2029	255,000	5.500%	337,425.00	592,425.00	929,850
06/01/2030			330,412.50	330,412.50	
12/01/2030	290,000	5.500%	330,412.50	620,412.50	950,825
	250,000	3.50070	322,437.50	322,437.50	
06/01/2031	205 000	5,500%	322,437.50	627,437.50	949,875
12/01/2031	305,000	0,00078		314,050.00	\$45,676
06/01/2032		C 20001	314,050.00		968,100
12/01/2032	340,000	5.500%	314,050.00	854,050.00	900,100
06/01/2033			304,700.00	304,700.00	000 400
12/01/2033	360,000	5,500%	304,700.00	664,700.00	969,400
06/01/2034			294,800.00	294,800.00	
12/01/2034	395,000	5.500%	294,800.00	689,800.00	984,600
06/01/2035			283,937.50	283,937.50	
12/01/2035	420,000	5,500%	283,937.50	703,937.50	987,875
06/01/2036			272,387.50	272,387.50	
12/01/2036	460,000	5.500%	272,387.50	732,387.50	1,004,775
06/01/2037			259,737.50	259,737.50	
12/01/2037	485,000	5,500%	259,737.50	744,737.50	1,004,475
06/01/2038			246,400.00	246,400.00	
12/01/2038	535,000	5.500%	246,400.00	781,400.00	1,027,800
06/01/2039			231,687.50	231,687.50	
12/01/2039	565,000	5,500%	231,687.50	796,687.50	1,028,375
06/01/2040	555,555	4,70	216,150.00	216,150.00	• • • •
12/01/2040	615,000	5,500%	216,150.00	831,150.00	1,047,300
06/01/2041	0.0,000	Q,55510	199,237.50	199,237.50	
12/01/2041	650,000	5.500%	199,237.50	849,237.50	1,048,475
06/01/2042	030,000	0.00070	161,362.50	181,362.50	7,0 .0,
12/01/2042	705,000	5,500%	181,362.50	886,362.50	1,067,725
	703,000	5,500 /6	161,975.00	161,975.00	1,001,725
06/01/2043	745 000	5.500%	161,975.00	906,975.00	1,068,950
12/01/2043	745,000	5.300%	141,487.50	141,487.50	1,000,000
06/01/2044	805.000	E 50086			1 027 075
12/01/2044	805,000	5.500%	141,487.50	946,487.50	1,087,975
06/01/2045	050 000	E EDOP	119,350.00	119,350,00	1 000 700
12/01/2045	850,000	5.500%	119,350.00	969,350.00	1,088,700
06/01/2046	***	£ 5000	95,975.00	95,975.00	4 444 050
12/01/2046	920,000	5.500%	95,975.00	1,015,975.00	1,111,950
06/01/2047			70,675.00	70,675.00	
12/01/2047	970,000	5.500%	70,675.00	1,040,675.00	1,111,350
06/01/2048			44,000.00	44,000.00	
12/01/2048	1,600,000	5,500%	44,000.00	1,644,000.00	1,688,000
	13,745,000		16,147,450.00	29,892,450.00	29,892,450



NET DEBT SERVICE

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Residential) GENERAL OBLIGATION BONDS, SERIES 2018 37.827 (target) Mills Non-Residential Maturity

[Preliminary -- for discussion only]

Period Ending	Principal	Interest	Total Debt Service	Debt Service Reserve Fund	Capitalized Interest Fund	Net Debt Service
12/01/2019		755,975	755,975		-765,975	
12/01/2019	105,000	755,975	860,975	-1,111.96		859,863.04
12/01/2021	110,000	750,200	860,200	-1,111.96		859,088.04
12/01/2022	130,000	744,150	874,150	-1,111.96		873,038.04
12/01/2023	140,000	737,000	877,000	-1,111.96		875,888.04
•	165,000	729,300	894,300	-1,111.96		893,188.04
12/01/2024	175,000	720,225	895,225	-1,111,96		894,113.04
12/01/2025	200,000	710,600	910,600	-1.111.96		909,488.04
12/01/2026	210,000	699,600	909,600	-1,111.96		908,488.04
12/01/2027	240,000	688,050	928,050	-1,111.96		926,938.04
12/01/2028	255,000 255,000	674,850	929,850	-1,111.96		928,738.04
12/01/2029	290,000	660,825	950,825	-1,111.96		949,713.04
12/01/2030	290,000 305,000	644,875	949,875	-1,111.96		948,763.04
12/01/2031	340,000	628,100	968,100	-1,111.96		966,988.04
12/01/2032	360,000	609,400	969,400	-1,111.96		968,288.04
12/01/2033	395,000	589,600	984,600	-1,111.96		983,488.04
12/01/2034	420,000	567,875	987,875	-1,111.96		986,763.04
12/01/2035	460,000	544,775	1,004,775	-1,111.96		1,003,663.04
12/01/2036	485,000	519,475	1,004,475	-1,111.96		1,003,363.04
12/01/2037		492,800	1,027,800	-1,111.96		1,026,688.04
12/01/2038	535,000	463,375	1,028,375	-1,111.96		1,027,263.04
12/01/2039	565,000	432,300	1.047.300	-1,111.96		1,046,188.04
12/01/2040	615,000	398,475	1,048,475	-1,111.96		1,047,363.04
12/01/2041	650,000	362,725	1,067,725	-1,111.96		1,066,613.04
12/01/2042	705,000	323,950	1,068,950	-1,111.96		1,067,838.04
12/01/2043	745,000	282,975	1,087,975	-1.111.96		1,086,863.04
12/01/2044	805,000	238,700	1,088,700	-1,111.96		1,087,588.04
12/01/2045	850,000		1,111,950	-1,111.96		1,110,838.04
12/01/2046	920,000	191,950	1,111,350	-1,111.96		1 110,238.04
12/01/2047	970,000	141,350	1,688,000	-557,086.96		1,130,913.04
12/01/2048	1,600,000	88,000		-557,000.50		
	13,745,000	16,147,450	29,892,450	-588,221.84	-755,975	28,548,253.16

DA. Davidson & Co.

Development Projection at 50,00 (target) Mills for Debt Service

Series 2018, G.O. Bonds, Non-Rated, 120x 30-yr. maturity; plus Series 2018B Cash-Flow Subs.

	<< Platted/Developed Lots >>	loped Lots > >		V V V V	<<<<< Commercial >>>>>>	^ ^ ^ ^						
		As'ed Value		Mict Vatue		As'ed Value		District				
		@ 29.00%		Biennia		@ 29.00%	Total	D/S Mill Lavy	Total	S.O. Taxes	Total	Total
	Cumulative	of Market	Total Comm1	Reasses'mt	Cumulative	of Market	Collected	[50.00 Target]	Collections	Collected	Dev. Fees	Available
YEAR	Market Value	(2-yr lag)	Sq. F.	@ 2.0%	Market Value	(Z-yr fag)	Assessed Value	[50.00 Cap]	%98 0	@ 6%	Collected	Revenue
2014	•		Q		0		\$0		\$0	\$0	0	0
2015	1,903,085		0		0		0	50.000	0	o	٥	D
2016	1 070 000	0	109,039	0	19,799,696	0	0	20.000	0	Ö	27,260	27,260
2017	2.381.528	551,895	53,500		31,154,622	0	551,895	50.000	27,043	1,623	13,375	42,040
2018	0	310,300	185,070	623,092	57,556,139	5,741,912	. 6,052,212	90,000	296,558	17,794	46,267	360,619
2019	0	690,643	٥		57,556,139	9,034,840	9,725,483	20.000	476,549	28,593	٥	505,142
2020	•	0	0	1,151,123	58,707,262	16,691,280	16,691,280	50.000	817,873	49,072	0	866,945
2021	0	٥	٥		58,707,262	16,691,280	16,691,280	50.000	817,873	49,072	0	866,945
2022	•	0	0	1,174,145	59,881,407	17,025,106	17,025,106	50.000	834,230	50,054	0	884,284
2023	0	0	0		59,881,407	17,025,106	17,025,106	50,000	834,230	50,054	0	884,284
2024	•	0		1,197,628	61,079,036	17,365,608	17,365,608	50,000	850,915	51,055	0	901,970
2025	_	0			61,079,036	17,365,608	17,365,608	20,000	850,915	51,055	0	901,970
2026		0		1,221,581	62,300,616	17,712,920	17,712,920	50,000	867,933	52,076	0	920,009
2027	•	0			62,300,616	17,712,920	17,712,920	50,000	867,933	52,076	0	920,009
2028	•	0		1,246,012	63,546,629	18,067,179	18,067,179	20.000	885,292	53,118	0	938,409
2029	•	0			63,546,629	18,067,179	18,067,179	50,000	885,292	53,118	0	938,409
2030	•	0		1,270,933	64,817,561	18,428,522	18,428,522	50.000	902,998	54,180	0	957,177
2031	•	0			64,817,561	18,428,522	18,428,522	50.000	902,998	54,180	0	957,177
2032		0		1,296,351	66,113,912	18,797,093	18,797,093	20.000	921,058	55,263		976,321
2033	•	0			66,113,912	18,797,093	18,797,093	50.000	921,058	55,263		976,321
2034	•	0		1,322,278	67,436,191	19,173,035	19,173,035	20.000	939,479	56,369		995,847
2035	•	0			67,436,191	19,173,035	19,173,035	20,000	939,479	56,369		995,847
2036		0		1,348,724	68,784,914	19,556,495	19,556,495	20,000	958,268	57,496		1,015,764
2037		0			68,784,914	19,556,495	19,556,495	50.000	958,268	57,496		1,015,764
2038	0	0		1,375,698	70,160,613	19,947,625	19,947,625	50.000	977,434	58,646		1,036,080
2039	0	0			70,160,613	19,947,625	19,947,625	20.000	977,434	58,646		1,036,080
2040	0	0		1,403,212	71,563,825	20,346,578	20,346,578	20.000	996,982	59,819	•	1,056,801
2041		0			71,563,825	20,346,578	20,346,578	50.000	996,982	59,819		1,056,801
2042	•	0		1,431,276	72,995,101	20,753,509	20,753,509	50.000	1,016,922	61,015		1,077,937
2043	•	•			72,995,101	20,753,509	20,753,509	50.000	1,016,922	61,015	-	1,077,937
2044		0		1,459,902	74,455,003	21,168,579	21,168,579	50,000	1,037,260	62,236		1,099,496
2045	•	0			74,455,003	21,168,579	21,168,579	50.000	1,037,260	62,236		1,099,496
2046	•	0		1,489,100	75,944,104	21,591,951	21,591,951	50.000	1,058,006	63,480		1,121,486
2047	0	0			75,944,104	21,591,951	21,591,951	50.000	1,058,006	63,480		1,121,486
2048		0			75,944,104	22,023,790	22,023,790	20.000	1,079,166	64,750		1,143,916
	•		347,609	19,011,057					28,008,613	1,680,517	86,902	29,776,032

DA Davidson & Co. . ann score containing

Development Projection at 50.00 (target) Mills for Debt Service

Series 2018, G.O. Bonds, Non-Rated, 120x 30-yr. maturity; plus Series 2018B Cash-Flow Subs.

					•			
		Series 2018						
		\$11,535,000 Par		Surplus				
		[Net \$9.974 MM]		Refease @	Cumulative	Debt	Dept	NDS
	Net Available	Net Debt	Annual	50% D/A	Surplus	Assessed	Act1 Value	Coverage
YEAR	for Debt Svc	Service	Sumplus	to \$1,153,500	\$1,153,500 Target	Ratio	Ratio	G Cap
2014	0		n/a		0			
2015	0		n/a		0	n/a	υ⁄a	n/a
2016	27,260		n/a		0	n/a	n/a	n/a
2017	42,040		n/a		0	2090%	34%	n/a
2018	350,619	S	360,619	0	360,619	189%	20%	υa
2019	505,142	0	505,142	0	192,761	119%	20%	n/a
2020	866,945	718,491	148,454	0	1,014,215	%69	20%	121%
2021	865,945	718,816	148,129	8,844	1,153,500	%69	20%	121%
2022	884,284	733,866	150,418	150,418	1,153,500	67%	19%	120%
2023	884,284	732,816	151,468	151,468	1,153,500	%99	19%	121%
2024	901,970		150,478	150,478	1,153,500	64%	18%	120%
2025	901,970	•	153,178	153,178	1,153,500	63%	18%	120%
2026	920,009	765,816	154,193	154,193	1,153,500	61%	17%	120%
2027	920,009	766,466	153,543	153,543	1,153,500	%09	17%	120%
2028	938.409	781,566	156,843	156,843	1,153,500	58%	17%	120%
2029	938,409		158,118	158,118	1,153,500	57%	16%	120%
2030	957.177		163,711	163,711	1,153,500	25%	16%	121%
2031	957,177	795,266	161,911	161,911	1,153,500	23%	15%	120%
2032	976.321	811,241	165,080	165,080	1,153,500	51%	14%	120%
2033	976.321	810,566	165,755	165,755	1,153,500	49%	14%	120%
2034	995,847	829,066	166,781	166,781	1,153,500	47%	13%	120%
2035	995.847	825,641	170,206	170,206	1,153,500	45%	13%	121%
2038	1.015.764	841,391	174,373	174,373	1,153,500	43%	12%	121%
2037	1,015,764	845,216	170,548	170,548	1,153,500	41%	12%	120%
2038	1,036,080	862,666	173,413	173,413	1,153,500	38%	11%	120%
2039	1,036,080	862,916	173,163	173,163	1,153,500	35%	10%	120%
2040	1,056,801	167,791	180,010	180,010	1,153,500	32%		121%
2041	1,056,801	878,466	178,335	178,335	1,153,500	30%		120%
2042	1,077,937	893,491	184,446	184,446	1,153,500	27%	8%	121%
2043	1,077,937	896,041	181,896	181,896	1,153,500	24%		120%
2044	1,099,496	911,666	187,830	187,830	1,153,500	20%		121%
2045	1,099,496	914,541	184,955	184,955	-	17%		120%
2046	1,121,486	930,216	191,270	191,270	1,153,500	14%		121%
2047	1,121,486	932,866	188,620	188,620	1,153,500	10%		120%
2048	1,143,916	951,141	192,774	1,346,274	0	% 9	2%	120%
	29,776,032	33,961,070	5,745,662	5,745,662				

[Men1614 C18ndbJ]

C NR LB Fin Plan

DA. Davidson & Co.
REDINGOUS CONTRACT C

Development Projection at 50.00 (target) Mills for Debt Service

Series 2018, G.O. Bonds, Non-Rated, 120x 30-yr. maturity; plus Series 2018B Cash-Flow Subs.

Surplus Total Sub late Formatical particles Total Interest Less Payments Available Bonds Available for Bond Interest Toward Toward Dobt Service 1 Stude Dobt Service 7,00% Interest 0 0 122,850 0 0 0 0 122,850 0 0 0 0 122,850 0 0 150,478 150,478 122,850 122,850 155,43 154,193 122,850 122,850 155,43 152,850 122,850 122,850 155,43 152,850 122,850 122,850 155,43 152,850 122,850 122,850 155,43 152,850 122,850 122,850 155,43 152,850 122,850 122,850 155,43 152,850 122,850 122,850 156,755 155,418 122,850 122,850 156,755 156,843 122,850 122,850													
\$100 Sub an Balance Sub Bond \$10 0 7,00% Interest \$10 0 12,15/18 0 0 \$10 0 122,850 0 0 \$10 0 122,850 0 0 \$150,418 150,418 122,850 122,850 122,850 \$150,418 150,478 122,850 122,850 122,850 \$150,418 150,478 122,850 122,850 122,850 122,850 \$150,478 150,478 122,850		Surplus Available	Date	Total Avaliabie for	Sub Bond Interest	Less Payments Toward	Accrued	Less Payments	Balance of	Sub Bonds	Less Payments	Balance of	Surptus
\$0 0 12/15/18 0 2 50 0 11 0 0 122/850 0 11 18,444 112,468 122/850 122/850 153,178 153,178 122/850 122/850 154,193 152,493 122/850 122/850 156,843 156,843 122/850 122/850 156,843 156,843 122/850 122/850 156,843 156,843 122/850 122/850 166,781 166,781 122/850 122/850 166,781 166,781 122/850 122/850 166,781 166,781 122/850 122/850 173,413 173,413 122/850 122/850 174,446 118,896 111,468 110,694 181,896 111,468 110,604 181,270 119,270 106,102 184,955 118,956 116,075 116,075 184,955 118,956 118,075 116,075 184,955 118,950 117,468 117,468 184,955 118,950 117,468 117,468 117,468 184,955 118,950 117,468 117,468 117,468 184,955 118,075 116,075 11		For Sub	Bonds	Sub	on Balance	Sub Bond	+ Int. on Bal. @	Toward Accrued	Accrued	Principal	Toward Bond Principal	Sub Rond Brinchaf	Cash Flow
12/15/18 0 \$\frac{50}{0} 0 0 172,850 0 0 1122,850 0 0 1122,850 0 0 1122,850 0 0 1122,850 0 0 1122,850 122,850 122,850 151,468 122,850 122,850 153,478 122,850 122,850 122,850 153,543 122,850 122,850 153,543 122,850 122,850 156,784 122,850 122,850 156,784 122,850 122,850 156,785 122,850 122,850 170,206 172,850 122,850 170,548 122,850 122,850 170,548 122,850 122,850 173,413 122,850 122,850 173,413 122,850 122,850 173,413 122,850 122,850 173,413 122,850 122,850 173,413 122,850 122,850 173,413 122,850 122,850 122,850 173,413 122,850 122,850 173,413 122,850 122,850 146,75 148,466 118,75 146,75 146,75 146,75 148,955 100,604 100,604 188,620 94,258 1,346,274 87,652 87,502,571 7	<u> </u>	Dent Service	naneci	Debt service	NOD'S	Illierest	800.1	The state of the s	Toggin a		1122		
\$0 0 122,850 0 11 0 0 122,850 0 11 0 0 122,850 0 11 0 0 122,850 0 11 150,418 150,418 122,850 122,850 150,418 150,478 122,850 122,850 154,193 122,850 122,850 154,193 122,850 122,850 154,193 122,850 122,850 154,193 122,850 122,850 158,711 122,850 122,850 158,711 122,850 122,850 158,711 122,850 122,850 158,711 122,850 122,850 166,781 165,780 122,850 122,850 166,781 165,780 122,850 122,850 170,206 170,206 122,850 122,850 170,206 170,206 122,850 122,850 170,206 170,206 122,850 122,850 170,548 170,206 122,850 122,850 170,548 170,548 122,850 122,850 170,548 170,548 122,850 122,850 170,548 170,548 122,850 122,850 173,163 173,163 122,850 122,850 174,373 173,163 122,850 122,850 178,335 178,363 172,850 122,850 181,896 181,896 118,075 116,075 181,896 184,955 106,122 106,122 191,270 100,604 100,604 188,520 188,520 184,562 3,562,278 3,202,571 7	4												
0 12/15/18 0 80 0 0 122,850 0 0 122,850 0 0 0 0 0 122,850 0 0 0 122,850 0 0 0 122,850 0 0 122,850 0 0 122,850 0 0 122,850 0 122,850 151,468 151,468 122,850 122,850 152,850 153,778 153,778 122,850 122,850 152,850 155,743 155,743 122,850 122,850 122,850 156,743 156,743 172,850 122,850 122,850 156,755 156,755 122,850 122,850 122,850 157,4373 170,206 172,850 172,850 172,850 172,850 172,850 172,850 172,850 172,850 172,850 172,850 173,413 1	15	9											
0 \$0 \$0 0 \$0 \$0 \$0 0 \$0 \$122,850 \$0 0 \$0 \$122,850 \$0 150,418 \$122,850 \$122,850 150,418 \$122,850 \$122,850 150,478 \$150,478 \$122,850 \$122,850 153,778 \$153,478 \$122,850 \$122,850 153,713 \$153,438 \$122,850 \$122,850 155,843 \$152,850 \$122,850 \$122,850 156,843 \$153,178 \$122,850 \$122,850 156,843 \$158,148 \$122,850 \$122,850 156,843 \$158,148 \$122,850 \$122,850 156,843 \$158,149 \$122,850 \$122,850 166,781 \$122,850 \$122,850 \$122,850 166,781 \$122,850 \$122,850 \$122,850 170,266 \$122,850 \$122,850 \$122,850 173,413 \$173,413 \$122,850 \$122,850	16	0											
0 12/15/18 0 \$0 10,22,850 0 11,00 11,00 11,00 11,00 11,00 0 11,00 11,00 0 11,00 0 11,00 0 11,00 11 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 11,00 0 <t< td=""><td>17</td><td>٥</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	17	٥											
0 0 122,850 0 0 0 122,850 0 0 122,850 0 122,850 150,418 150,418 122,850 122,850 150,478 150,478 122,850 122,850 150,478 150,478 122,850 122,850 153,43 152,850 122,850 122,850 154,193 154,183 122,850 122,850 156,843 158,418 122,850 122,850 158,118 158,148 122,850 122,850 165,843 152,850 122,850 122,850 165,841 122,850 122,850 122,850 165,841 122,850 122,850 122,850 166,781 165,765 122,850 122,850 166,781 122,850 122,850 122,850 170,206 170,206 172,850 122,850 173,413 122,850 122,850 122,850 173,413 122,850 <th< td=""><td>138</td><td>0</td><td>12/15/18</td><td>o</td><td>\$0</td><td>0</td><td>0</td><td>0</td><td>o</td><td>\$1,755,000</td><td>0</td><td>1,755,000</td><td>\$0</td></th<>	138	0	12/15/18	o	\$0	0	0	0	o	\$1,755,000	0	1,755,000	\$0
8.844 8.844 122,850 8.844 1150,418 120,418 122,850 122,850 151,468 150,418 122,850 122,850 153,178 153,178 122,850 122,850 124,193 153,543 122,850 122,850 122,850 153,543 152,843 122,850 122,850 122,850 153,543 152,843 122,850 122,850 153,711 153,711 152,811 122,850 122,850 156,781 166,781 165,080 165,781 162,850 122,850 170,206 174,373 122,850 122,850 170,206 174,373 122,850 122,850 170,206 1773,413 172,850 122,850 122,850 170,206 1773,413 172,850 122,850 122,850 170,206 1773,413 172,850 122,850 122,850 173,463 173,463 173,463 173,463 173,463 178,335 178,335 178,335 178,335 178,335 178,335 178,335 178,335 184,466 119,770 111,468 184,355 184,355 184,355 196,722 106,122 196,720 191,270	13	ø		٥	122,850	C	122,850	0	122,850		0	1,755,000	o
8,844 8,844 122,850 8,844 1150,418 150,418 122,850 122,850 121,850 151,468 150,478 122,850 122,850 122,850 155,478 125,178 122,850 122,850 122,850 123,543 122,850 122,850 122,850 123,543 122,850 122,850 122,850 155,443 155,843 122,850 122,850 122,850 155,443 155,443 122,850 122,850 122,850 161,911 122,850 122,850 122,850 165,080 165,080 122,850 122,850 170,206 170,206 170,206 170,206 170,248 173,413 173,413 172,850 122,850 122,850 173,433 173,413 173,413 172,850 122,850 122,850 173,435 173,435 173,435 172,850 122,850 122,850 173,435 173,435 173,435 173,435 173,435 172,850 113,856 118,896 118,996 111,468 111,468 113,896 118,995 116,725 116,075 116,075 113,270 119,270 190,604 100,604 100,604 100,604 1346,274 1,346,274 3,552,278 3,202,571 7	8	0		0	122,850	0	131,450	0	254,300		0	1,755,000	0
150,418 150,418 122,850 122,850 151,468 122,850 122,850 122,850 150,478 152,850 122,850 122,850 155,178 153,178 122,850 122,850 153,433 152,850 122,850 122,850 153,433 158,43 122,850 122,850 158,118 158,418 122,850 122,850 165,80 165,780 122,850 122,850 165,91 165,080 122,850 122,850 165,781 165,780 122,850 122,850 166,781 166,781 122,850 122,850 170,206 170,206 122,850 122,850 170,437 172,850 122,850 122,850 170,437 172,850 122,850 122,850 170,437 170,206 172,850 122,850 170,448 173,413 173,413 173,43 170,406 170,548 122,850 122,850 173,	5	8,844		8,844	122,850	8,844	131,807	0	386,107		0	1,755,000	0
151,468 151,468 122,850 122,850 150,478 150,478 122,850 122,850 153,178 152,850 122,850 122,850 154,193 153,543 122,850 122,850 156,843 152,850 122,850 122,850 156,843 158,118 122,850 122,850 165,118 158,118 122,850 122,850 165,755 122,850 122,850 122,850 165,781 165,780 122,850 122,850 165,781 165,780 122,850 122,850 170,206 170,206 122,850 122,850 170,4373 172,850 122,850 122,850 170,548 170,548 122,850 122,850 173,433 173,433 173,433 122,850 122,850 170,548 170,548 122,850 122,850 173,433 173,433 173,430 122,850 122,850 184,46 184,466 120,548	22	150,418		150,418	122,850	122,850	720,72	27,568	385,566		0	1,755,000	0
150,478 150,478 122,850 122,850 153,178 153,178 122,850 122,850 154,193 154,193 122,850 122,850 155,43 152,850 122,850 122,850 156,843 152,850 122,850 122,850 156,371 165,880 122,850 122,850 165,711 165,080 122,850 122,850 165,781 165,080 122,850 122,850 166,781 166,781 122,850 122,850 170,206 170,206 172,850 122,850 170,206 170,206 172,850 122,850 173,413 173,43 122,850 122,850 173,43 173,43 122,850 122,850 173,43 173,43 122,850 122,850 173,43 173,43 122,850 122,850 173,43 173,43 122,850 122,850 180,010 173,43 122,850 122,850 184,46 120,548 122,850 122,850 184,46 184,46 120,548 120,548 181,896 118,496 116,075 116,075 188,520 148,955 196,122	23	151,468		151,468	122,850	122,850	26,990	28,618	383,938	•	0	1,755,000	o
153,178 153,178 122,850 122,850 154,193 154,193 122,850 122,850 153,543 152,850 122,850 122,850 156,843 156,843 122,850 122,850 156,118 158,118 122,850 122,850 163,711 163,711 122,850 122,850 165,080 165,080 122,850 122,850 166,781 165,080 122,850 122,850 170,206 170,206 172,850 122,850 170,206 170,206 172,850 122,850 170,206 170,206 172,850 122,850 170,206 170,206 172,850 122,850 170,206 170,206 172,850 122,850 170,413 173,413 172,850 122,850 170,548 173,463 122,850 122,850 173,163 173,463 122,850 122,850 180,010 184,446 120,548 120,548 181,896 118,496 116,075 116,075 187,830 118,496 116,075 116,075 188,620 94,258 94,258 1,346,274 1,346,274 87,652 87,652	24	150,478		150,478	122,850	122,850	26,876	27,628	383,185		0	1,755,000	0
154,193 154,193 122,850 122,850 155,543 152,850 122,850 122,850 156,843 152,850 122,850 122,850 156,843 122,850 122,850 122,850 165,118 158,118 122,850 122,850 165,080 165,080 122,850 122,850 165,755 165,756 122,850 122,850 170,206 170,206 172,850 122,850 170,248 170,266 122,850 122,850 170,548 170,266 122,850 122,850 170,548 170,548 122,850 122,850 173,163 173,413 172,850 122,850 173,163 173,463 122,850 122,850 180,010 180,010 122,850 122,850 184,446 184,446 120,548 120,548 184,355 184,955 116,075 184,356 184,955 106,122 191,270 191,270 100,604 100,604 188,620 94,258 94,258 1,346,274 1,346,274 3,562,278 3,202,571 7	25	153,178		153,178	122,850	122,850	26,823	30,328	379,680		Ö	1,755,000	Ċ.
153,543 153,543 152,850 122,850 156,843 152,850 122,850 122,850 156,118 158,118 122,850 122,850 161,971 161,971 122,850 122,850 165,080 165,080 122,850 122,850 165,080 165,080 122,850 122,850 166,755 165,755 122,850 122,850 170,206 170,206 172,850 122,850 170,548 172,850 122,850 122,850 170,548 172,850 122,850 122,850 173,413 173,413 122,850 122,850 173,413 173,463 122,850 122,850 173,463 173,463 122,850 122,850 180,010 178,355 178,356 122,850 122,850 184,466 184,466 120,548 120,548 146,075 184,355 184,955 106,122 106,122 184,955 184,955 106,604	28	154,193		154,193	122,850	122,850	26,578	31,343	374,915		0	1,755,000	0
156,843 156,843 122,850 122,850 158,118 158,118 122,850 122,850 161,971 161,971 122,850 122,850 165,080 165,080 122,850 122,850 165,765 165,780 122,850 122,850 166,781 165,781 122,850 122,850 170,206 170,206 172,850 122,850 170,548 170,268 122,850 122,850 170,548 172,850 122,850 122,850 173,413 172,850 122,850 122,850 173,463 172,850 122,850 122,850 173,463 172,850 122,850 122,850 173,463 173,463 122,850 122,850 184,466 184,466 120,548 120,548 184,466 118,783 118,488 116,075 184,355 184,955 106,604 100,604 188,620 94,258 94,258 1,346,274	27	153,543		153,543	122,850	122,850	26,244	30,693	370,466		0	1,755,000	٥
158,118 158,118 122,850 122,850 163,711 163,711 122,850 122,850 161,911 161,911 122,850 122,850 165,080 165,080 122,850 122,850 165,781 165,755 122,850 122,850 170,206 170,206 170,206 122,850 122,850 170,43 174,373 122,850 122,850 170,448 170,548 122,850 122,850 173,163 173,413 122,850 122,850 173,163 173,463 122,850 122,850 178,355 178,355 178,350 122,850 184,46 120,548 122,850 122,850 184,355 178,355 178,466 116,075 184,356 184,466 120,548 120,548 184,355 184,955 106,122 106,122 191,270 191,270 100,604 100,604 1946,274 13,46,274 87,562 87,552 <td>28</td> <td>156,843</td> <td></td> <td>156,843</td> <td>122,850</td> <td>122,850</td> <td>25,933</td> <td>33,993</td> <td>362,405</td> <td></td> <td>0</td> <td>1,755,000</td> <td>0</td>	28	156,843		156,843	122,850	122,850	25,933	33,993	362,405		0	1,755,000	0
163,711 163,711 122,850 122,850 161,911 161,911 122,850 122,850 165,080 165,080 122,850 122,850 166,781 165,785 122,850 122,850 170,206 170,206 172,850 122,850 170,206 170,206 172,850 122,850 170,448 170,548 122,850 122,850 173,413 122,850 122,850 122,850 173,163 173,463 172,850 122,850 173,163 173,463 122,850 122,850 180,010 180,010 122,850 122,850 184,46 184,46 120,548 120,548 187,835 178,48 120,548 114,675 187,830 181,896 116,075 114,68 188,620 194,256 94,256 94,256 1,346,274 1,346,274 87,652 87,652 5,745,662 3,562,278 3,202,571 7	29	158,118		158,118	122,850	122,850	25,368	35,268	352,506		0	1,755,000	O
161,911 161,911 122,850 122,850 165,080 165,080 122,850 122,850 165,755 165,765 122,850 122,850 170,206 170,206 172,850 122,850 170,48 170,268 122,850 122,850 173,413 173,413 122,850 122,850 173,413 173,43 122,850 122,850 173,163 173,463 122,850 122,850 180,010 180,010 122,850 122,850 184,466 122,850 122,850 184,446 120,548 120,548 187,830 187,830 111,468 187,830 187,830 111,468 184,955 106,122 106,122 191,270 190,604 100,604 188,620 94,258 94,258 1,346,274 1,346,274 87,652 8,745,662 3,562,278 3,202,571 7	8	163,711		163,711	122,850	122,850	24,675	40,861	336,320		0	1,755,000	o
165,080 165,080 122,850 122,850 165,755 165,755 122,850 122,850 170,206 170,206 122,850 122,850 170,48 170,268 122,850 122,850 170,48 170,548 122,850 122,850 173,413 173,413 122,850 122,850 173,163 173,163 122,850 122,850 180,010 180,010 122,850 122,850 184,446 122,450 122,850 122,850 184,446 184,446 120,548 120,548 187,830 187,830 111,468 111,468 184,955 191,270 100,604 100,604 188,620 94,258 94,258 106,054 1,346,274 1,346,274 87,652 87,652 5,745,662 3,562,278 3,202,571 7	31	161,911		161,911	122,850	122,850	23,542	39,061	320,801		0	1,755,000	0
165,755 165,755 152,850 122,850 166,781 166,781 122,850 122,850 170,206 170,206 172,850 122,850 170,448 170,548 122,850 122,850 173,413 173,413 122,850 122,850 173,163 172,850 122,850 122,850 180,010 180,010 122,850 122,850 178,335 173,485 122,850 122,850 184,446 184,446 120,548 120,548 187,830 187,830 116,075 116,075 187,830 187,830 114,68 111,468 184,955 106,122 106,122 106,122 191,270 190,604 100,604 100,604 188,620 94,258 94,258 1,346,274 1,346,274 87,652 87,552 5,745,652 3,562,278 3,202,571 7	32	165,080		165,080	122,850	122,850	22,456	42,230	301,027		0	1,755,000	0
166,781 166,781 122,850 122,850 170,206 170,206 122,850 122,850 170,48 170,548 122,850 122,850 173,413 173,413 122,850 122,850 173,163 172,850 122,850 122,850 180,010 180,010 122,850 122,850 178,335 178,335 122,850 122,850 184,446 184,446 120,548 120,548 187,830 187,830 111,675 116,075 187,830 187,836 114,678 111,468 184,955 106,122 106,122 106,122 191,270 190,604 100,604 100,604 188,620 94,258 94,258 1,346,274 1,346,274 1,346,274 3,562,278 3,202,571 7	83	165,755		165,755	122,850	122,850	21,072	42,905	279,194		0	1,755,000	0
170,206 170,206 172,850 122,850 174,373 172,850 122,850 122,850 170,548 172,430 122,850 122,850 173,413 173,413 122,850 122,850 173,163 173,430 122,850 122,850 178,335 178,335 172,850 122,850 184,446 184,446 120,548 120,548 187,830 187,830 111,468 111,468 184,955 106,122 106,122 106,122 191,270 190,604 100,604 100,604 188,620 94,258 94,258 1,346,274 1,346,274 1,346,274 87,652 87,652 5,745,662 3,562,278 3,202,571 7	34	166,781		166,781	122,850	122,850	19,544	43,931	254,807		0	1,755,000	٥
174,373 174,373 122,850 122,850 170,548 170,548 122,850 122,850 173,413 173,413 122,850 122,850 173,163 173,163 122,850 122,850 178,335 178,335 122,850 122,850 184,446 184,446 122,850 122,850 187,830 181,896 116,075 116,075 187,830 187,830 111,468 111,468 148,955 106,122 106,122 106,122 191,270 191,270 100,604 100,604 1,346,274 1,346,274 87,652 87,652 5,745,662 3,562,278 3,202,571 7	35	170,206		170,206	122,850	122,850	17,836	47,356	225,287		0	1,755,000	0
170,548 170,548 122,850 122,850 173,413 172,480 122,850 122,850 173,163 173,163 122,850 122,850 180,010 180,010 122,850 122,850 178,335 172,850 122,850 178,335 122,850 122,850 181,896 184,446 120,548 120,548 187,830 181,896 111,468 111,468 144,955 191,270 191,270 100,604 100,604 188,620 134,562 94,258 94,258 1,346,274 1,346,274 87,652 87,652 5,745,662 5,745,662 3,562,278 3,202,571 78	36	174,373		174,373	122,850	122,850	15,770	51,523	189,534		0	1,755,000	0
173,413 173,413 122,850 122,850 173,163 173,163 122,850 122,850 180,010 180,010 122,850 122,850 170,335 172,850 122,850 184,46 120,548 120,548 181,896 118,075 116,075 187,830 111,607 111,468 144,955 106,122 106,122 191,270 191,270 191,270 106,604 188,620 13,46,274 87,652 87,552 1,346,274 1,346,274 87,652 87,652 5,745,662 3,562,278 3,202,571 78	37	170,548		170,548	122,850	122,850	13,267	47,698	155,103		0	1,755,000	0
173,163 173,163 122,850 122,850 180,010 180,010 122,850 122,850 176,335 172,850 122,850 122,850 184,446 120,548 120,548 120,548 187,830 181,896 111,6075 111,468 184,955 184,955 106,122 106,122 191,270 191,270 191,270 106,604 100,604 188,620 1,346,274 87,652 87,558 4,745,662 3,562,278 3,202,571 78	88	173,413		173,413	122,850	122,850	10,857	50,563	115,397		0	1,755,000	0
180,010 180,010 122,850 122,850 178,335 178,335 172,850 122,850 184,446 184,446 120,548 120,548 181,886 181,896 116,075 116,075 184,955 184,955 106,122 106,122 191,270 191,270 106,604 100,604 188,620 13,456,274 87,652 87,652 5,745,662 5,745,662 3,562,278 3,202,571 78	39	173,163		173,163	122,850	122,850	8,078	50,313	73,161		0	1,755,000	0
178,335 178,335 122,850 122,850 184,446 120,548 120,548 120,548 181,896 181,896 116,075 116,075 187,830 181,896 111,468 111,468 184,955 196,122 106,122 106,122 191,270 190,604 100,604 100,604 1,346,274 1,346,274 87,652 87,652 5,745,662 5,745,662 3,562,278 3,202,571 78	40	180,010		180,010	122,850	122,850	5,121	57,160	21,122		0	1,755,000	0
184,446 180,548 120,548 120,548 181,896 116,075 116,075 187,830 187,830 111,468 111,468 184,955 184,955 106,122 106,122 191,270 191,270 100,604 100,604 188,620 188,620 94,258 94,258 1,346,274 1,346,274 87,652 87,652 5,745,662 5,745,662 3,562,278 3,202,571	41	178,335		178,335	122,850	122,850	1,479	22,601	0		32,884	1,722,116	0
181,896 181,896 116,075 116,075 187,830 187,830 111,468 111,468 184,955 184,955 106,122 106,122 191,270 191,270 100,604 100,604 188,620 188,620 94,258 94,258 1,346,274 1,346,274 87,652 87,652 5,745,662 5,745,662 3,562,278 3,202,571	42	184,446		184,446	120,548	120,548	٥	0	O		63,898	1,658,219	0
187,830 187,830 111,468 111,468 184,955 184,955 106,122 106,122 191,270 191,270 100,604 100,604 188,620 188,620 94,258 94,258 1,346,274 1,346,274 87,652 87,652 5,745,662 5,745,662 3,562,278 3,202,571	43	181,896		181,896	116,075	116,075	0	0	O		65,821	1,592,397	0
184,955 184,955 106,122 106,122 101,270 191,270 100,604 100,604 100,604 1346,274 1,346,274 87,652 87,652 87,4562 2,745,662 5,745,662 3,562,278 3,202,571	4	187,830		187,830	111,468	111,468	Ġ.	0	0	•	76,362	1,516,035	0
191,270 191,270 100,604 100,604 108,620 94,258 94,258 1,346,274 1,346,274 87,652 87,652 87,4562 5,745,662 3,562,278 3,202,571	45	184,955		184,955	106,122	106,122	0	0	0		78,832	1,437,203	0
188,620 188,620 94,258 94,258 1,346,274 1,346,274 87,652 87,652 5,745,662 5,745,662 3,562,278 3,202,571	46	191,270		191,270	100,604	100,604	a	0	0		90,666	1,346,537	o
1,346,274 1,346,274 87,652 87,652 5,745,662 3,562,278 3,202,571	47	188,620		188,620	94,258	94,258	0	O	0		94,362	1,252,175	0
5,745,662 3,562,278 3,202,571	48	1,346,274		1,346,274	87,652	87,652	0	0	0		1,252,175	0	6,447
1,45,502,6 5,562,278 5,702,571		1000		000	00000	711	104	200		4 755 000	4 755 000		6 467
		3,143,502		2,745,552	5,352,270	3,202,571	(81,543	(61,643		000,007,1	1, vou, ce		0

Operations Revenue and Expense Projection

	Total		Total	S.D. Taxes	Total
	Assessed	Operns	Collections	Collected	Available
YEAR	Value	MID Levy	₩86 @	69 6%	For O&M
2014					
2015	0	5.000	0	0	0
2016	٥	5.000	0	0	0
2017	551,895	5.000	2,704	162	2,867
2018	6,052,212	5,000	29,656	1,779	31,435
2019	9,725,483	5.000	47,655	2,859	50,514
2020	16,691,280	5.000	81,787	4,907	969'98
2021	16,691,280	5,000	81,787	4,907	86,695
2022	17,025,106	5,000	83,423	5,005	88,428
2023	17,025,106	5.000	83,423	5,005	88,428
2024	17,365,608	5.000	85,091	5,105	90,197
2025	17,365,608	9.000	85,091	5,105	90,197
2026	17,712,920	5.000	86,793	5,208	92,001
2027	17,712,920	5.000	86,793	5,208	92,001
2028	18,067,179	2.000	88,529	5,312	93,841
2029	18,067,179	5.000	88,529	5,312	93,841
2030	18,428,522	5.000	90,300	5,418	95,718
2031	18,428,522	5.000	90,300	5,418	95,718
2032	18,797,093	5,000	92,106	5,526	97,632
2033	18,797,093	5,000	92,106	5,526	97,632
2034	19,173,035	5.000	93,948	2,637	99,585
2035	19,173,035	5.000	93,948	5,637	99,585
2036	19,556,495	5.000	95,827	5,750	101,576
2037	19,556,495	5.000	95,827	5,750	101,576
2038	19,947,625	5,000	97 743	5,865	103,608
2039	19,947,625	5.000	97,743	5,865	103,608
2040	20,346,578	5.000	969'66	5,982	105,680
2041	20,346,578	5.000	869'66	5,982	105,680
2042	20,753,509	5,000	101,692	6,102	107,794
2043	20,753,509	5.000	101,692	6,102	107,794
2044	21,168,579	5.000	103,726	6,224	109,950
2045	21,168,579	5.000	103,726	6,224	109,950
2046	21,591,951	9,000	105,801	6,348	112,149
2047	21,591,951	5.000	105,801	6,348	112,149
2048	22,023,790	5.000	107,917	6,475	114,392
			100 000 0	169 063	2 068 913
			7,000,000	100,001	

Development Projection (updated 6/16/14)

Commercial Development

		PA5 - Gr	PA5 - Grocery Anchor - Retail	r - Retail	•		Z.	PA West - Comm'	ım.	
		Incr/(Decr) in					Incr/(Decr) in			
		Finished Lot	Square Ft	per Sq Ft,			Finished Lot	Square Ft	per Sq Ft,	
	SF	Value @	Completed	Inflated @	Market	R	Value @	Completed	Inflated @	Market
YEAR	Develd	10%	131,987	2%	Value	Devel'd	10%	55,539	2%	Value
4	0	0		\$100.00	0\$	0	0		\$150.00	\$0
5	0			102,00	0	55,539	833,085		153.00	0
9	0	0		104.04		0	(833,085)	55,539	156.06	8,667,416
	131,987	1,319,868		106.12	0	0	0	0	159.18	0
8	0	(1,319,868)	131,987	108.24	14,286,676	0	0	0	162.36	0
2019	0	0	0	110.41	0	0	0	0	165.61	0
2	0	0	0	112.62	0	0	0	0	168.92	0
Σ.	0	0	0	114.87	0	0	0	0	172.30	0
22	0	0	0	117.17	0	0	0	0	175.75	0
23	0	0	0	119.51	0	0	0	0	179.26	0
4	0	0	0	121.90	0	0	0	0	182.85	0
55	0	0	0	124.34	0	0	0	0	186.51	0
9	0	0	0	126.82	0	0	0	0	190.24	0
- 2:	0	0	0	129.36	0	0	0	0	194.04	0
89	0	0	0	131.95	0	0	0	0	197.92	0
<u></u>	0	0	0	134.59	0	0	0	0	201.88	0
 	0	0	0	137.28	0	0	0	0	205.92	0
Ξ.		0	0	140.02	0		0	0	210.04	
	100	6	121 007		14 786 G7B	55 530		55 530		8 667 416

Prepared by D.A. Davidson Co.

As

_	Annual Market Value +/- of	Platted &	Developed Lots	0	1,903,085	(833,085)	1,311,528	(2,381,528)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Comm'l	Dev. Fees	@ \$0.25/SF	0	0	27,260	13,375	46,267	0	0	0	0	0	0	0 .	0	0	0	0	0	0	86,902
	Total	Commercial	Sq Ft	0	0	109,039	53,500	185,070	0	0	0	0	0	0	0	0	0	0	0	0	0	347,609
	Total	Commercial	Market Value	0	0	19,799,696	11,354,926	25,778,425	0	0	0	0	0	0	0	0	0	0	0	0	0	56,933,047
-		Market	Value	80	0	11,132,280	11,354,926	11,491,749	0	0	0	0	0	0	0	0	0	0	0	0	0	33,978,955
Pads	per Sq Ft,	Inflated @	2%	\$200.00	204.00	208.08	212.24	216.49	220.82	225.23	229.74	234.33	239.02	243.80	248.67	253.65	258.72	263.90	269.17	274.56	280.05	
PA East - Comm'l Pads	Sauare Ft		160,083			53,500	53,500	53,083	0	0	0	0	0	0	0	0	0	0	0	0	0	160,083
PA Ea	Incr/(Decr) in Finished Lot	Value @	10%	0	1,070,000	0	(8,340)	(1,061,660)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			,	0	8	8	83	0	0	0	0	0	0	0	0	0	0	0	0	0		083
		a R	Devel'd		53,500	53,500	53,083		•													160,083



SOURCES AND USES OF FUNDS

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Commercial) GENERAL OBLIGATION BONDS, SERIES 2018 50.00 (target) Mills Non-Rated, 120x, 2048 Final Maturity

[Preliminary -- for discussion only]

Dated Date Delivery Date

12/01/2018 12/01/2018

Sources:	
Bond Proceeds: Par Amount	11,535,000.00
	11,535,000.00
Uses:	
Project Fund Deposits: Project Fund Deposit	9,973,683.60
Other Fund Deposits: Capitalized Interest Fund Debt Service Reserve Fund	633,016.40 466,900.00 1,099,916.40
Delivery Date Expenses: Cost of Issuance	461,400.00
	11,535,000.00



BOND SUMMARY STATISTICS

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Commercial) GENERAL OBLIGATION BONDS, SERIES 2018

50.00 (target) Mills Non-Rated, 120x, 2048 Final Maturity [Preliminary – for discussion only]

Dated Date	12/01/2018
Delivery Date	1 2/01/2018
First Coupon	06/01/2019
Last Maturity	12/01/2048
Arbitrage Yield	5.500000%
True Interest Cost (TIC)	5.500000%
Net Interest Cost (NIC)	5.500000%
All-In TIC	5.844852%
Average Coupon	5.500000%
Average Life (years)	21.365
Duration of Issue (years)	12.292
Par Amount	11,535,000.00
Bond Proceeds	11,535,000.00
Total Interest	13,554,475.00
Net Interest	13,554,475.00
Bond Years from Dated Date	246,445,000.00
Bond Years from Delivery Date	246,445,000.00
Total Debt Service	25,089,475.00
Maximum Annual Debt Service	1,418,975.00
Average Annual Debt Service	836,315.83
Underwriter's Fees (per \$1000) Average Takedown Other Fee	
Total Underwriter's Discount	
	400 000500

Bid Price

100.000000

Bond Component	Par Value	Price	Average Coupon	Average Life	Average Maturity Date	PV of 1 bp change
Term Bond due 2048	11,535,000.00	100.000	5.500%	21.365	04/12/2040	16,841.10
	11,535,000.00			21,365		16,841.10
		TIC		All-In TIC	Arbitrage Yield	
Par Value + Accrued Interest + Premium (Discount)		11,535,000.00	11,	535,000.00	11,535,000.00	
 - Underwriter's Discount - Cost of Issuance Expense - Other Amounts 		·	<u>.</u>	461,400.00		
Target Value	·	11,535,000.00	11,	073,600.00	11,535,000.00	
Target Date Yield		12/01/2018 5.500000%		12/01/2018 5.844852%	12/01/2018 5.500000%	



BOND DEBT SERVICE

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Commercial) GENERAL OBLIGATION BONDS, SERIES 2018

50.00 (target) Mills Non-Rated, 120x, 2048 Final Maturity [Preliminary -- for discussion only]

D-J-A					Annual Debt
Period Ending	Principal	Coupon	Interest	Debt Service	Service
06/01/2019			317,212.50	317,212.50	
12/01/2019			317,212.50	317,212.50	634,425
06/01/2020			317,212.50	317,212.50	
12/01/2020	85,000	5,500%	317,212.50	402,212.50	719,425
06/01/2021			314,875.00	314,875.00	
12/01/2021	90,000	5.500%	314,875.00	404,875.00	719,750
06/01/2022			312,400.00	312,400.00	704 000
12/01/2022	110,000	5.500%	312,400.00	422,400.00	734,800
06/01/2023	445.000	E 500M	309,375.00	309,375.00 424,375.00	733,750
12/01/2023	115,000	5,500%	309,375.00 308,212.50	306,212.50	, 55,, 55
06/01/2024	140,000	5.500%	306,212.50	446,212.50	752,425
12/01/2024 06/01/2025	140,000	3.30070	302,362.50	302,362.50	
12/01/2025	145,000	5.500%	. 302,362.50	447,362.50	749,725
06/01/2026	140,000	0.00070	298,375.00	298,375.00	
12/01/2026	170,000	5.500%	298,375.00	468,375.00	766,750
06/01/2027	• •		293,700.00	293,700.00	
12/01/2027	180,000	5.500%	293,700.00	473,700.00	767,400
06/01/2028			288,750.00	288,750.00	
12/01/2028	205,000	5,500%	288,750.00	493,750.00	782,500
06/01/2029			283,112.50	283,112.50	704 005
12/01/2029	215,000	5.500%	283,112.50	498,112.50	781,225
06/01/2030			277,200.00	277,200.00	794,400
12/01/2030	240,000	5,500%	277,200.00	517,200.00	154,400
06/01/2031	455 430	F 500W	270,600.00	270,600.00 525,600.00	796,200
12/01/2031	255,000	5.500%	270,600.00 263,587.50	263,587.50	, 55,250
06/01/2032	205 000	5.500%	263,587.50	548,587.50	812,175
12/01/2032	285,000	5.500%	255,750.00	255,750.00	,
06/01/2033	300,000	5.500%	255,750.00	555,750.00	811,500
12/01/2033 05/01/2034	300,000	3.30074	247,500.00	247,500.00	,
12/01/2034	335,000	5.500%	247,500.00	582,500.00	830,000
06/01/2035	\$00,000	0.000.0	238,287.50	238,287.50	
12/01/2035	350,000	5,500%	238,287.50	588,287.50	826,575
06/01/2036			228,662.50	228,662,50	
12/01/2036	385,000	5.500%	228,662.50	613,662.50	642,325
06/01/2037			218,075.00	218,075.00	040 450
12/01/2037	410,000	5.500%	218,075.00	628,075.00	846,150
06/01/2038			208,800.00	206,800.00	862 600
12/01/2038	450,000	5.500%	206,800.00	656,800.00	863,600
06/01/2039		£ 500%	194,425.00	194,425.00 669,425.00	863,850
12/01/2039	475,000	5.500%	194,425.00	181,362.50	000,000
06/01/2040	T45 000	5,500%	181,362.50 181,362.50	696,362.50	877,725
12/01/2040	515,000	5,50078	167,200.00	167,200.00	0,1,,20
06/01/2041	545,000	5.500%	167,200.00	712,200.00	879,400
12/01/2041 06/01/2042	343,000	0.50070	152,212.50	152,212.50	•
12/01/2042	590,000	5.500%	152,212.50	742,212.50	894,425
06/01/2043	300,000	••••	135,987.50	135,987.50	
12/01/2043	625,000	5.500%	135,987,50	760,987.50	896,975
06/01/2044	*		118,800.00	118,800.00	
12/01/2044	675,000	5.500%	118,800.00	793,800.00	912,600
06/01/2045			100,237.50	100,237.50	045 475
12/01/2045	715,000	5.500%	100,237.50	815,237.50	915,475
06/01/2046	770 000	E 70001	80,575.00	80,575.00 850,575.00	931,150
12/01/2046	770,000	5,500%	80,575.00 59,400.00	850,575,00 59,400.00	551,150
06/01/2047	945 000	5.500%	59,400.00	874,400.00	933,800
12/01/2047	815,000	5,500%	36,987.50	36,987.50	\$55,500
06/01/2048 12/01/2048	1,345,000	5,500%	36,987.50	1,381,987.50	1,418,975
1210 1/2040	1,040,000				
	11,535,000		13,554,475.00	25,089,475.00	25,089,475
	,,,				



NET DEBT SERVICE

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT (Commercial) GENERAL OBLIGATION BONDS, SERIES 2018 50.00 (target) Milis

Non-Rated, 120x, 2048 Final Maturity [Preliminary -- for discussion only]

Net Debt Service	Capitalized Interest Fund	Debt Service Reserve Fund	Total Debt Service	Interest	Principal	Period Ending
	-634,425		634.425	634,425		12/01/2019
718,491.20		-933.80	719,425	634,425	85,000	12/01/2020
718,816.20		-933.80	719,750	629,750	90,000	12/01/2021
733,866.20		-933.80	734,800	624,800	110,000	12/01/2022
732,816.20		-933.80	733,750	618,750	115,000	12/01/2023
751,491.20		-933,80	752,425	612,425	140,000	12/01/2024
748,791.20		-933.80	749,725	604,725	145,000	12/01/2025
765,816.20		-933.80	766,750	596,750	170,000	12/01/2026
766,466.20		-933.80	767,400	587.400	180,000	12/01/2027
781,566.20		-933.80	782,500	577.500	205,000	12/01/2028
780,291.20		-933.80	781,225	566,225	215,000	12/01/2029
793,466.20		-933.80	794,400	554,400	240,000	12/01/2030
795,266.20		-933.80	796,200	541,200	255,000	12/01/2031
811,241.20		-933.80	812,175	527,175	285,000	12/01/2032
810,566.20		-933.80	811,500	511,500	300,000	12/01/2033
829,066.20		-933.80	830,000	495,000	335,000	12/01/2034
825,641.20		-933.80	826,575	476,575	350,000	12/01/2035
841,391.20		-933.80	842,325	457,325	385,000	12/01/2036
845,216.20		-933.80	846,150	436,150	410,000	12/01/2037
862,666.20		-933.80	863,600	413,600	450,000	12/01/2038
862,916.20		-933.80	863,850	388,850	475,000	12/01/2039
876,791.20		-933.80	877,725	362,725	515,000	12/01/2040
878,466.20		-933.80	879,400	334,400	545.000	12/01/2041
893,491.20		-933.80	894,425	304,425	590,000	12/01/2042
896,041.20		-933.80	896,975	271,975	625,000	12/01/2043
911,666.20		-933.80	912,600	237,600	675,000	12/01/2044
914,541.20		-933.80	915,475	200.475	715.000	12/01/2045
930,216.20		-933.80	931,150	161,150	770,000	12/01/2046
932,866.20		-933.80	933,800	118,800	815,000	12/01/2047
951,141.20	_	-467,833.80	1,418,975	73,975	1,345,000	12/01/2048
23,961,069.80	-634,425	-493,980.20	25,089,475	13,554,475	11,535,000	

EXHIBIT G

Indemnification Letters

Developer's Letter

{date - on or after date of Service Plan approval}

Town of Parker 20120 E. Mainstreet Parker, CO 80138-7334

> RE: Cottonwood Highlands Metropolitan District Nos. 1 and 2 Developer Indemnification

To the Town Council:

This Indemnification Letter (the "Letter") is delivered by the undersigned landowners (collectively the "Developer") in connection with the review by the Town of Parker (the "Town") of the Consolidated Service Plan, including all amendments heretofore or hereafter made thereto (the "Service Plan") for the Cottonwood Highlands Metropolitan District Nos. 1 and 2 (together the "District"). Developer, for and on behalf of itself and its transferees, successors and assigns, represents, warrants, covenants and agrees to and for the benefit of the Town as follows:

- Developer hereby waives and releases any present or future claims it might have against the Town or the Town's elected or appointed officers, employees, agents, contractors or insurers (the "Released Persons") in any manner related to or connected with the Service Plan or any action or omission with respect thereto. Developer further hereby agrees to indemnify and hold harmless the Released Persons from and against any and all liabilities resulting from any and all claims, demands, suits, actions or other proceedings of whatsoever kind or nature made or brought by any third party, including attorneys' fees and expenses and court costs, which directly or indirectly or purportedly arise out of or are in any manner related to or connected with any of the following: (a) the Service Plan or any document or instrument contained or referred to therein; or (b) the formation of the District; or (c) any actions or omissions of the Developer or the District, or their agents, in connection with the District, including, without limitation, any actions or omissions of the Developer or District, or their agents, in relation to any bonds or other financial obligations of the District or any offering documents or other disclosures made in connection therewith. Developer further agrees to investigate, handle, respond to and to provide defense for and defend against, or at the Town's option to pay the attorneys' fees and expenses for counsel of the Town's choice for any such liabilities, claims, demands, suits, actions or other proceedings.
- 2. Developer hereby consents to the Debt Instrument Disclosure Requirements as set forth Section VI.F of the Service Plan, acknowledges the Town's right to modify the required

disclosures, and waives and releases the Town from any claims Developer might have based on or relating to the use of or any statements made or to be made in such disclosures (including any modifications thereto).

3. This Letter has been duly authorized and executed on behalf of the following landowners collectively referred to as Developer.

Very truly yours,
C&J Land Investments, LLC, Developer
By:
K&H Land Investments, LLC, Developer
By: Title:
S&L Land Investments, LLC, Developer
By: Title:
Parkwood East, LLC, Developer
By: Title:
Clay Carlson, Developer
Scott Carlson, Developer
Kent Carlson, Developer

Ryan Carlson, Developer
Taylor Carlson, Developer
Colorado Ventures I, LLC, Developer
By: Title:
Colorado Ventures III, LLC, Developer
By: Title:

.

.

.

2. District's Letter

{date - date of organizational meeting}

Town of Parker 20120 E. Mainstreet Parker, CO 80138-7334

RE: Cottonwood Highlands Metropolitan District Nos. 1 and 2

To the Town Council:

This Indemnification Letter (the "Letter") is delivered by the Cottonwood Highlands Metropolitan District Nos. 1 and 2 (together the "District") in order to comply with the Consolidated Service Plan, including all amendments heretofore or hereafter made thereto (the "Service Plan") for the District. The District, for and on behalf of itself and its transferees, successors and assigns, represents, warrants, covenants and agrees to and for the benefit of the Town as follows:

- The District hereby waives and releases any present or future claims it might have 1. against the Town or the Town's elected or appointed officers, employees, agents, contractors or insurers (the "Released Persons") in any manner related to or connected with the Service Plan or any action or omission with respect thereto. To the fullest extent permitted by law, the District hereby agrees to indemnify and hold harmless the Released Persons from and against any and all liabilities resulting from any and all claims, demands, suits, actions or other proceedings of whatsoever kind or nature made or brought by any third party, including attorneys' fees and expenses and court costs, which directly or indirectly or purportedly arise out of or are in any manner related to or connected with any of the following: (a) the Service Plan or any document or instrument contained or referred to therein; or (b) the formation of the District; or (c) any actions or omissions of the District, and the following landowners: C&J Land Investments, LLC, K&H Land Investments, LLC, Parkwood East, LLC, Clay Carlson, Scott Carlson, Kent Carlson, Ryan Carlson, Taylor Carlson, Colorado Ventures I, LLC, Colorado Ventures III, LLC (collectively such property owners referred to as the "Developer"), or their agents, in connection with the District, including, without limitation, any actions or omissions of the District or Developer, or their agents, in relation to any bonds or other financial obligations of the District or any offering documents or other disclosures made in connection therewith. The District further agrees to investigate, handle, respond to and to provide defense for and defend against, or at the Town's option to pay the attorneys' fees and expenses for counsel of the Town's choice for any such liabilities, claims, demands, suits, actions or other proceedings.
- 2. It is understood and agreed that neither the District nor the Town waives or intends to waive the monetary limits (presently\$350,000 for an injury to one person in any single occurrence, and \$950,000 for an injury to two or more persons in any single occurrence, except that in such instance, no person may recover in excess of \$350,000) or any other rights, immunities and protections provided by the Colorado Governmental Immunity Act, § 24-10-101,

et seq., C.R.S., as from time to time amended, or otherwise available to the Town, the District, its officers, or its employees.

- 3. The District hereby consents to the Debt Instrument Disclosure Requirements as set forth Section VI.F of the Service Plan, acknowledges the Town's right to modify the required disclosures, and waives and releases the Town from any claims the District might have based on or relating to the use of or any statements made or to be made in such disclosures (including any modifications thereto).
 - 3. This Letter has been duly authorized and executed on behalf of the District.

	Very truly yours,
	Cottonwood Highlands Metropolitan District No. 1
Attest:	By: President
By:Secretary	
	Cottonwood Highlands Metropolitan District No. 2
	By:President
Attest:	
By:Secretary	

EXHIBIT H

Intergovernmental Agreement

TOWN OF PARKER

INTERGOVERNMENTAL AGREEMENT BETWEEN

THE TOWN OF PARKER, COLORADO AND THE

COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT NOS. 1 AND 2

THIS AGREEMENT is made and entered into as of this _____ day of _______, 20____, by and between the TOWN OF PARKER, a home rule municipal corporation of the State of Colorado (the "Town"), and the COTTONWOOD HIGHLANDS METROPOLITAN DISTRICT NOS. 1 AND 2, each a quasi-municipal corporation and political subdivision of the State of Colorado (each a "District" and collectively the "Districts"). The Town and the Districts are collectively referred to as the Parties.

WITNESSETH:

WHEREAS, C.R.S. § 29-1-203 authorizes the Parties to cooperate and contract with one another regarding functions, services and facilities each is authorized to provide; and

WHEREAS, the Districts were organized to provide those services and to exercise powers as are more specifically set forth in the Districts' Consolidated Service Plan approved by the Town on _____ (the "Service Plan"); and

WHEREAS, the Service Plan makes reference to the execution of an intergovernmental agreement between the Town and the Districts, as required by Chapter 10.11 of the Town Code; and

WHEREAS, the Town entered into that certain Amended and Restated Annexation Agreement Cottonwood Highlands with Cottonwood Water and Sanitation District ("Cottonwood W&S District") (only as to Paragraph 3) C & J Land Investments, LLC, a Colorado limited liability company and S & L Land Investments, LLC, a Colorado limited liability company and Parkwood East, LLC, a Colorado limited liability company and Scott Carlson and Clay Carlson and Kent Carlson and Colorado Ventures I, LLC, a Florida limited liability company and Colorado Ventures III, LLC, a Florida limited liability company, its successors and assigns ("Property Owner") on April 7, 2014 (the "Annexation Agreement"), which provides in part for the formation of a special taxing district to fund certain regional improvements located within or in the vicinity of the Districts' Service Area and located within the Town, and the Districts constitute the special taxing district contemplated in the Annexation Agreement; and

WHEREAS, the specific regional improvements identified in the Service Plan and Annexation Agreement, and which Property Owner, its successors and assigns are obligated to finance and/or construct include a regional detention pond, drainage improvements, and portions of Cottonwood Drive, Chambers Road and Jordan Road, along with signalization and other regional improvements as set forth in the Annexation Agreement (the "Regional Improvements"); and

WHEREAS, pursuant to the Annexation Agreement, the Property Owner its successors and assigns is responsible for constructing the Regional Improvements, and the Districts, subject to their public improvement funding capacity, intend to provide funds for the construction of the Regional Improvements or make reimbursement for the costs thereof; and

WHEREAS, pursuant to the Annexation Agreement, the Town and Property Owner have acknowledged the need for the Regional Improvements in order to accomplish the comprehensive development of the property located within the Districts' Service Area (the "Property"); and

WHEREAS, the Town has approved the final plat for the Property; and

WHEREAS, the Parties have determined that any capitalized term not specifically defined in this Agreement shall have that meaning as set forth in the Service Plan; and

WHEREAS, the Parties have determined it to be in the best interests of their respective taxpayers, residents and property owners to enter into this Intergovernmental Agreement ("Agreement") to address certain matters related to construction of the Regional Improvements, organization, powers and authorities of the Districts.

NOW, THEREFORE, in consideration of the covenants and mutual agreements herein contained, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto agree as follows:

- 1. Regional Improvements. The Districts acknowledge and agree that the provision of the Regional Improvements is a material consideration in, and a condition of, the Town's approval of the Districts' Service Plan, and that the Town has relied thereon in approving the Service Plan. The Districts represent and warrant that they have obtained all voter authorizations and will appropriate available funds for the financing of the construction costs associated with the Regional Improvements such as design, planning, engineering, surveying, construction management, labor, materials and administrative costs related to construction of the Regional Improvements. Nothing in this Agreement shall alter, diminish, impair or otherwise affect any obligations within the Annexation Agreement or any rights or remedies of the Town for enforcement thereof.
 - 2. <u>Use of Regional Improvement Funds</u>. [Not Applicable]
 - 3. <u>Deposit of Regional Improvement Funds</u>. [Not Applicable]
- 4. Operations and Maintenance. The Districts shall dedicate certain Public Improvements (as defined in the Service Plan) to the Town or other appropriate jurisdiction or owners association in a manner consistent with the final approved plats and subdivision agreements for the property located within the Districts' boundaries, other rules and regulations of the Town, and applicable provisions of the Town Code. The Districts are authorized to own, operate and maintain, and contract with a homeowners' association for the operations and maintenance of, any part or all of the Public Improvements not otherwise being owned, operated and maintained by the Town or Cottonwood Metropolitan District as such ownership and maintenance is further described on Exhibit A, which also services as Exhibit I to the Service

Plan. The Districts shall not operate or maintain any improvements other than those described on Exhibit A unless the Town Council has first approved and executed an amendment to this Agreement to authorize the Districts' operation or maintenance of specific additional improvements. With regard to any maintenance responsibilities the Districts proposes to transfer to the Cottonwood Metropolitan District, the Districts shall perform such maintenance until the Town approves an intergovernmental agreement among the District and the Cottonwood Metropolitan District obligating Cottonwood Metropolitan District for such maintenance.

The Districts anticipate funding though an operation and maintenance mill levy the costs of operation of Public Improvements including drainage ways, detention pond, landscape of rights-of-way and medians, and parks, trails and open space as further described on Exhibit A. The Districts also have administrative expenses such as, but not limited to, legal, accounting, district management, audit, insurance and other governmental administrative expenses (operation, maintenance and administrative expenses referred to as "operations"). Therefore, each District is authorized to impose for operations a mill levy of not more than ten (10) mills (the "Maximum Operations Mill Levy") to pay the District's operations. The Maximum Operations Mill Levy shall not be subject to Gallagher Adjustment. Further, the Residential District's mill levies upon residential property shall never exceed the Residential Maximum Debt Mill Levy (currently 42.827 mills, subject to Gallagher Adjustment) plus the Maximum Operations Mill Levy (maximum 10 mills, not subject to Gallagher Adjustment). Commercial District's mill levies upon commercial property shall never exceed the Commercial Maximum Debt Mill Levy (50 mills, subject to Gallagher Adjustment) plus the Maximum Operations Mill Levy (maximum 10 mills, not subject to Gallagher Adjustment).

- 5. <u>Fire Protection</u>. The Districts shall not be authorized to plan for, design, acquire, construct, install, relocate, redevelop, finance, operate or maintain fire protection facilities or services, unless specifically provided for in this Agreement or separate agreement with the Town. This provision shall limit the Districts' authority to plan for, design, acquire, construct, install, relocate, redevelop or finance fire hydrants and related improvements installed as part of the water system.
- 6. Television Relay and Translation; Mosquito Control and Other Limitations. The Districts shall not be authorized to plan for, design, acquire, construct, install, relocate, redevelop, finance, operate or maintain television relay and translation facilities and services, other than for the installation of conduit as a part of a street construction project, unless specifically provided for in this Agreement or separate agreement with the Town. The Districts are authorized to plan for, design, acquire, construct, install, relocate, redevelop, finance, operate, maintain or provide mosquito control facilities and services as necessary for the control of pests that may be necessary relative to the Districts' open space, storm water channels and storm water detention facilities.
- 7. <u>Construction Standards</u>. The Districts will ensure that the Public Improvements are designed and constructed in accordance with the standards and specifications of the Town and of federal and state governmental entities having proper jurisdiction. The Districts will obtain the Town's approval of civil engineering plans and will obtain applicable permits for construction and installation of Public Improvements prior to performing such work.

8. <u>Issuance of Privately Placed Debt</u>. Prior to the issuance of any privately placed bonds or other obligations, the payment of which a District has promised to impose an *ad valorem* property tax mill levy ("Debt"), the District shall obtain the certification of an External Financial Advisor substantially as follows:

We are [I am] an External Financial Advisor within the meaning of the District's Service Plan.

We [I] certify that (1) the net effective interest rate (calculated as defined in Section 32-1-103(12), C.R.S.) to be borne by the District for the [insert the designation of the Debt] does not exceed a market [tax-exempt] [taxable] interest rate, using criteria deemed appropriate by us [me] and based upon our [my] analysis of comparable high yield securities; and (2) the structure of [insert designation of the Debt], including maturities and early redemption provisions, is reasonable considering the financial circumstances of the District.

- 9. <u>Inclusion and Exclusion</u>. The Districts shall not include within their boundaries any property outside the Service Area (as defined in the Service Plan) without the prior written consent of the Town Council. The Districts shall not exclude any property from their boundaries if such exclusion will result, or is reasonably anticipated to result, in detriment to the remaining residents and taxpayers within the District, or to the District's bondholders.
- 10. <u>Total Debt Issuance</u>. The Districts shall not issue combined Debt in excess of \$30,000,000 in total aggregate principal amount, which limit is a combined, total aggregate amount for all Districts.
- Monies from Other Governmental Sources. The Districts shall not apply for or accept Conservation Trust Funds, Great Outdoors Colorado Funds, or other funds available from or through governmental or non-profit entities that the Town is eligible to apply for, except as may be specifically provided for herein. This Section shall not apply to specific ownership taxes which shall be distributed to and constitute a revenue source for the Districts without any limitation.
- 12. <u>Consolidation</u>; <u>Dissolution</u>. The Districts shall not file a request with any Court to consolidate with another Title 32 district without the prior written consent of the Town. The Districts agree that they shall take all action necessary to dissolve in accordance with the provisions of the Service Plan and applicable state statutes.
- 13. <u>Service Plan Amendment Requirement</u>. Any action of the Districts which violates the limitations set forth in Sections V.A.1-13 or VI.B-H of the Service Plan, or which constitutes a material modification under Parker Municipal Code section 10.11.060, shall be deemed to be a material modification to the Service Plan and the Town shall be entitled to all remedies available under State and local law to enjoin any such action(s) of the Districts. The Town may also seek damages for breach of this Agreement arising from violations by the District of any provision of the Service Plan.

- 14. Applicable Laws. The Districts acknowledge that the property within its boundaries shall be subject to all ordinances, rules and regulations of the Town, including without limitation, ordinances, rules and regulations relating to zoning, subdividing, building and land use, and to all related Town land use policies, master plans and related plans.
- 15. <u>Annual Report</u>. The Districts shall submit an annual report ("Annual Report") to the Town no later than September 1st of each year following the year in which the Order and Decree creating the District has been issued by the District Court for and in Douglas County, Colorado, pursuant to Parker Municipal Code section 10.11.040 and containing the information set forth in Section VII of the Service Plan.
- 16. <u>Notices</u>. All notices, demands, requests or other communications to be sent by one party to the other hereunder or required by law, including the Annual Report, shall be in writing and shall be deemed to have been validly given or served by delivery of same in person to the address or by courier delivery, via Federal Express or other nationally recognized overnight air courier service, or by depositing same in the United States mail, postage prepaid, addressed as follows:

To the Districts: Cottonwood Highlands Metropolitan District Nos.

1 and 2

c/o White Bear Ankele Tanaka & Waldron 2154 E. Commons Ave., Suite 2000, Centennial,

CO 80122

Attn: Sean Allen, Esq. Phone: 303-858-1800 Fax: 303-858-1801

To the Town:

Town of Parker 20120 E. Mainstreet Parker, CO 80138-7334

Attn: _____ Town Attorney

cc: ______, Finance Director

Phone: (303) 841-0353 Fax: (303) 840-9792

All notices, demands, requests or other communications shall be effective upon such personal delivery or one (1) business day after being deposited with Federal Express or other nationally recognized overnight air courier service or three (3) business days after deposit in the United States mail. By giving the other party hereto at least ten (10) days written notice thereof in accordance with the provisions hereof, each of the Parties shall have the right from time to time to change its address.

17. Miscellaneous.

- A. Effective Date. This Agreement shall be in full force and effect and be legally binding upon final approval of the governing bodies of the Parties. No Debt shall be issued by the Districts until after the effective date of this Agreement.
- B. Nonassignability. No party to this Agreement may assign any interest therein to any person without the consent of the other party hereto at that time, and the terms of this Agreement shall inure to the benefit of and be binding upon the respective representatives and successors of each party hereto.
- C. Amendments. This Agreement may be amended from time to time by written amendment, duly authorized and signed by representatives of the parties hereto.
- D. Severability. If any section, subsection, paragraph, clause, phrase, or other provision of this Agreement shall for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of such section, subsection, paragraph, clause, phase, or other provision shall not affect any of the remaining provisions of this Agreement.
- E. Execution of Documents. This Agreement shall be executed in two (2) counterparts, either of which shall be regarded for all purposes as one original. Each party agrees that it will execute any and all deeds, instruments, documents, and resolutions or ordinances necessary to give effect to the terms of this Agreement.
- F. Waiver. No waiver by either party of any term or condition of this Agreement shall be deemed or construed as a waiver of any other term or condition, nor shall a waiver of any breach be deemed to constitute a waiver of any subsequent breach, whether of the same or of a different provision of this Agreement.
- G. Default/Remedies. In the event of a breach or default of this Agreement by any party, the non-defaulting party shall be entitled to exercise all remedies available at law or in equity, specifically including suits for specific performance and/or monetary damages. In the event of any proceeding to enforce the terms, covenants or conditions hereof, the prevailing party in such proceeding shall be entitled to obtain as part of its judgment or award its reasonable attorneys' fees.
- H. Governing Law and Venue. This Agreement shall be governed and construed under the laws of the State of Colorado. Venue for all actions brought hereunder shall be in the District Court in and for Douglas County.
- I. Inurement. Each of the terms, covenants and conditions hereof shall be binding upon and inure to the benefit of the Parties hereto and their respective successors and assigns.
- J. Paragraph Headings. Paragraph headings are inserted for convenience of reference only.
- K. No Third Party Beneficiaries. No person or entity who or which is not a party to this Agreement will have any right of action under this Agreement.

L. Entirety. This Agreement merges and supersedes all prior negotiations, representations, and agreements between the parties hereto relating to the subject matter hereof and this Agreement, together with the Service Plan provisions that serve to supplement or complement this Agreement, constitutes the entire agreement between the Parties concerning the subject matter hereof.

IN WITNESS WHEREOF, this Agreement is executed by the Town and the Districts as of the date first above written.

	TOWN OF PARKER, COLORADO
ATTEST:	, Mayor
, Town Clerk APPROVED AS TO FORM:	·
, Town Attorney	
	COTTONWOOD HIGHLANDS METROPOLITAN NO. 1, a quasi municipal corporation and political subdivision of the State of Colorado
	By:, President Cottonwood Highlands Metropolitan District No. 1
ATTEST:	
, Secretary	•

COTTONWOOD HIGHLANDS

METROPOLITAN NO. 2, a quasi municipal corporation and political subdivision of the State of Colorado

		By:, President
ATTEST:		Cottonwood Highlands Metropolitan District No. 2
	Secretary	

EXHIBIT ACottonwood Highlands Project Improvement Operations & Maintenance Matrix

IMPROVEMENT/LOCATION	MAINTENANCE	
Storm Channel/Drainage at Compark South	Cottonwood Highlands MD/HOA*	*District may enter into agreement with HOA for the maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remain outstanding. Maintenance responsibility to be consistent with maintenance entity designated in applicable subdivision plat and subdivision agreement.
Detention Pond	Cottonwood Highlands MD/HOA*	*District may enter into agreement with HOA for the maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remain outstanding. Maintenance responsibility to be consistent with maintenance entity designated in applicable subdivision plat and subdivision agreement.
Parks, Trails and Internal Openspace	Cottonwood Highlands MD/HOA*	*District may enter into agreement with HOA for the maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remains outstanding. Maintenance responsibility to be consistent with maintenance entity designated in applicable subdivision plat and subdivision agreement.
ROW Landscape (edges and	Initially Cottonwood Highlands	*District may enter into
median) Along Jordan Road	MD/HOA* (Cottonwood	agreement with HOA for the

	Highlands MD or HOA must maintain until Town approves IGA among Cottonwood Highlands MD and Cottonwood MD obligating Cottonwood MD for such maintenance)	initial maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remain outstanding. The improvement may be conveyed to Cottonwood MD pursuant to an IGA among Cottonwood Highlands MD and Cottonwood, if such IGA is approved by the Town provides for maintenance by Cottonwood MD.
ROW Landscape (edges and median) Along Cottonwood Drive	Initially Cottonwood Highlands MD/HOA* (Cottonwood Highlands MD or HOA must maintain until Town approves IGA among Cottonwood Highlands MD and Cottonwood MD obligating Cottonwood MD for such maintenance)	*District may enter into agreement with HOA for the initial maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remain outstanding. The improvement may be conveyed to Cottonwood MD pursuant to an IGA among Cottonwood Highlands MD and Cottonwood, if such IGA is approved by the Town and provides for maintenance by Cottonwood MD.

EXHIBIT I

Cottonwood Highlands Project Improvement Operations & Maintenance Matrix

IMPROVEMENT/LOCATION	MAINTENANCE	
Storm Channel/Drainage at Compark South	Cottonwood Highlands MD/HOA*	*District may enter into agreement with HOA for the maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remain outstanding. Maintenance responsibility to be consistent with maintenance entity designated in applicable subdivision plat and subdivision agreement.
Detention Pond	Cottonwood Highlands MD/HOA*	*District may enter into agreement with HOA for the maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remain outstanding. Maintenance responsibility to be consistent with maintenance entity designated in applicable subdivision plat and subdivision agreement.
Parks, Trails and Internal Openspace	Cottonwood Highlands MD/HOA*	*District may enter into agreement with HOA for the maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remains outstanding. Maintenance responsibility to be consistent with maintenance entity designated in applicable subdivision plat and subdivision agreement.
ROW Landscape (edges and median) Along Jordan Road	Initially Cottonwood Highlands MD/HOA* (Cottonwood	*District may enter into agreement with HOA for the

	Highlands MD or HOA must maintain until Town approves IGA among Cottonwood Highlands MD and Cottonwood MD obligating Cottonwood MD for such maintenance)	initial maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remain outstanding. The improvement may be conveyed to Cottonwood MD pursuant to an IGA among Cottonwood Highlands MD and Cottonwood, if such IGA is approved by the Town provides for maintenance by Cottonwood MD.
ROW Landscape (edges and median) Along Cottonwood Drive	Initially Cottonwood Highlands MD/HOA* (Cottonwood Highlands MD or HOA must maintain until Town approves IGA among Cottonwood Highlands MD and Cottonwood MD obligating Cottonwood MD for such maintenance)	*District may enter into agreement with HOA for the initial maintenance of District funded improvement. District will own such improvement for so long as required for any tax exempt bonds that provided the funding for the improvement remain outstanding. The improvement may be conveyed to Cottonwood MD pursuant to an IGA among Cottonwood Highlands MD and Cottonwood, if such IGA is approved by the Town and provides for maintenance by Cottonwood MD.

.