

Bidding Requirements, Contract Forms and Conditions of the Contract
ADDENDUM
Section 00900

ADDENDUM No. 1

Date June 9, 2015

City of Austin

Project Name Waller - Eastwoods Park Stream Restoration

C.I.P. No. 5848.066

This Addendum forms a part of Contract and clarifies, corrects or modifies original Bid Documents, dated May 25, 2015. Acknowledge receipt of this addendum in space provided on bid form. Failure to do so may subject bidder to disqualification.

A. Project Manual Revisions:

1. Section 00020, Invitation for Bids: Remove Section 00020 in its entirety and replace with the attached Section 00020.

B. Drawing Revisions:

1. Sheet 17 of 32: Delete this sheet and replace with the attached revised sheet.

This addendum consists of 4 page(s)/sheet(s).



Approved by OWNER



Approved by ENGINEER/ARCHITECT

END



6/10/15

Bidding Requirements, Contract Forms and Conditions of the Contract
INVITATION FOR BIDS
Section 00020

Following is a summary of information for this Project. Bidder is cautioned to refer to other sections of the Project Manual, Drawings and Addenda (Bid Documents) for further details.

The City of Austin, hereafter called OWNER, is requesting sealed written Bids for furnishing all labor, materials, equipment, supervision, and incidentals, and for performing all Work required for the following Project:

Waller – Eastwoods Park Stream Restoration

Located at: 3001 Harris Park Avenue, Austin, Texas 78705

CIP ID# 5848.066 IFB# 6100 CLMC530

The Work consists of stream stabilization located along approximately 1,100 linear feet of Waller Creek at Eastwoods Park. The project will stabilize eroding stream banks, enhance the riparian corridor, improve water quality, protect trees, and protect park property and infrastructure.

Bid Documents may be obtained at One Texas Center, 505 Barton Springs Road, Ste. 1045 (Front Desk), Austin, TX 78704. Copies will be available in CD format at no cost.

At the time Bid Documents are obtained, Bidder must provide a working e-mail address, so that they will receive any addenda or clarification issued by the Owner.

Sealed Bids will be received at the Contract Management Department, 105 W. Riverside Dr., Suite 210, Austin, Texas 78704 and then publicly opened and read aloud in the **SUITE 210 Conference Room**.

ALL BIDS ARE DUE PRIOR TO (Austin time) 11:00 AM on June 18, 2015.

ALL COMPLIANCE PLANS ARE DUE PRIOR TO (Austin time) 3:00 PM on June 18, 2015.

BIDS WILL BE OPENED AT (Austin time) 3:00 PM on June 18, 2015.

ALL BIDS AND COMPLIANCE PLANS NOT RECEIVED PRIOR TO THE DATE AND TIME SET FORTH ABOVE WILL NOT BE ACCEPTED FOR CONSIDERATION. The time stamp clock in **SUITE 210** is the time of record and is verified with www.time.gov, the official U.S. time.

All CONTRACTORS must be registered to do business with OWNER prior to the Contract Award. All Subcontractors must be registered with the OWNER prior to execution of a contract. Prime Contractors are responsible for ensuring that their Subcontractors are registered as vendors with the City of Austin. Registration can be done through the OWNER's on-line Vendor Registration system. Log onto <https://www.ci.austin.tx.us/vss/Advantage> and follow the directions.

All City procurements are subject to the City's Minority-Owned and Women-Owned Business Enterprise Procurement Program found at Chapter 2-9-A of the City Code, as amended. The Program provides Minority-Owned and Women-Owned Business Enterprises (MBEs/WBEs) or Disadvantaged Business Enterprises (DBEs) full opportunity to participate in all City contracts. Goals for MBE/WBE or DBE participation are stated for each solicitation. Information on achieving the goals or documenting good faith efforts to achieve the goals are contained in the MBE/WBE Procurement Program Package or DBE Procurement Program Package attached to the solicitation. When goals are established, Bidders are required to complete and return the MBE/WBE or DBE Compliance Plan with their Bid. If a Compliance Plan is not submitted prior to the date and time set forth in the solicitation, the Bid will not be accepted for consideration. (See Section 00820 for MBE/WBE requirements on "no goal" solicitations.)

All Bids shall be accompanied by an acceptable Bid guaranty in an amount of not less than five percent (5%) of the total Bid, as specified in Section 00100, Instructions To Bidders.

Performance and payment bonds when required shall be executed on forms furnished by OWNER. Each bond shall be issued in an amount of one hundred percent (100%) of the Contract Amount by a solvent corporate surety company authorized to do business in the State of Texas, and shall meet any other requirements established by law or by OWNER pursuant to applicable law.

Minimum insurance requirements are specified in Section 00810, Supplemental General Conditions.

Minimum wage rates have been established and are specified in Section 00830, Wage Rates and Payroll Reporting.

Contract Time is of the essence and all Work shall be substantially completed within 180 Calendar Days after date specified in the Notice to Proceed, in accordance with the Bid Form, Section 00300. Final completion shall be achieved within 60 Calendar Days after substantial completion. Liquidated damages are \$980.00 per Calendar Day for failure to substantially complete the work and \$210.00 per Calendar Day for failure to achieve final completion within 60 Calendar Days after substantial completion, in accordance with the Bid Form, Section 00300.

OWNER reserves the right to reject any or all Bids and to waive any minor informality in any Bid or solicitation procedure (a minor informality is one that does not affect the competitiveness of the Bid).

A mandatory Pre-Bid Conference will be held on Thursday, June 4, 2015 at 1:30 PM
(date) (time)

(Austin time) at One Texas Center, 505 Barton Springs Road, Austin, Texas, 13th Floor, Director's Conference Room (19)
(location)

Austin, Texas. Attendance is mandatory unless otherwise stated. Bidders must attend any mandatory Pre-Bid Conference and are encouraged to attend any non-mandatory Pre-Bid Conference to ensure their understanding of Owner's bidding and contracting requirements, particularly MBE/WBE Procurement Program requirements. If the Pre-Bid Conference is mandatory the Bidder must arrive and sign-in within fifteen (15) minutes of the scheduled start time of the meeting, otherwise the Bidder will not be allowed to submit a Bid for the project.

The persons listed below may be contacted for information regarding the Invitation for Bid. If the Bidder contacts any other City employee, including Council Members and members of Boards and Commissions, the Bidder may be found in violation of Ordinance No. 20111110-052, dated November 10, 2011, regarding Anti-Lobbying and Procurement. The text of that Ordinance may be viewed at <http://www.cityofaustin.org/edims/document.cfm?id=161145>.

AUTHORIZED CONTACT PERSONS

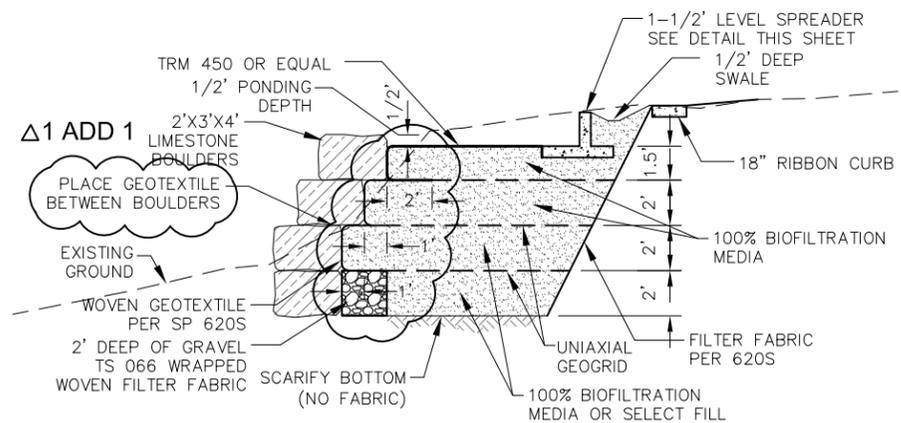
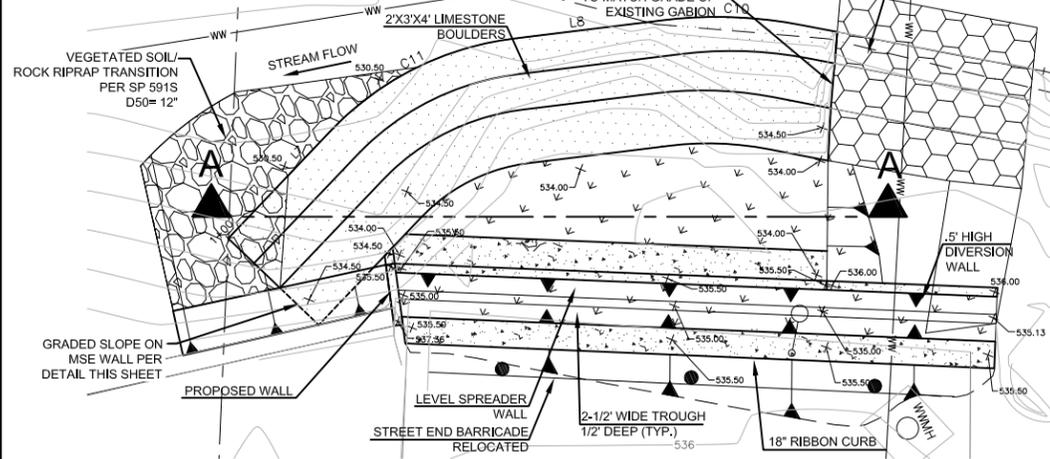
PROJECT MANAGER: Paulinda Lanham telephone (512) 974-7974 email Paulinda.lanham@austintexas.gov

CONTRACT COMPLIANCE REP.: Steven Cocke telephone (512) 974-7998 email steven.cocke@austintexas.gov

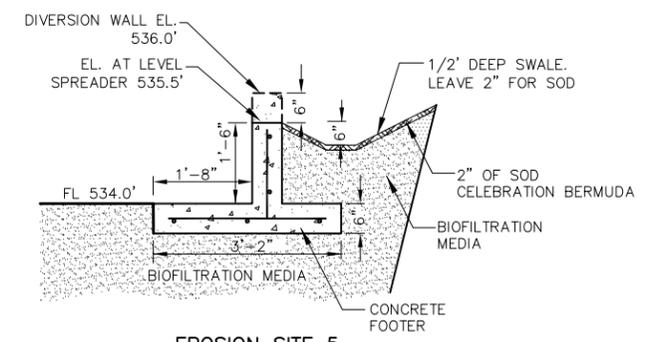
END

SITE 5 RAIN GARDEN PLAN

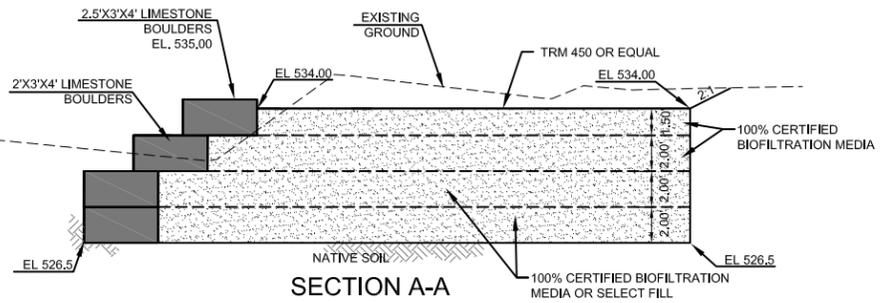
SCALE 1"=5'



EROSION SITE 5 RAIN GARDEN SECTION DETAIL
NTS



EROSION SITE 5 WALL DETAIL
NTS

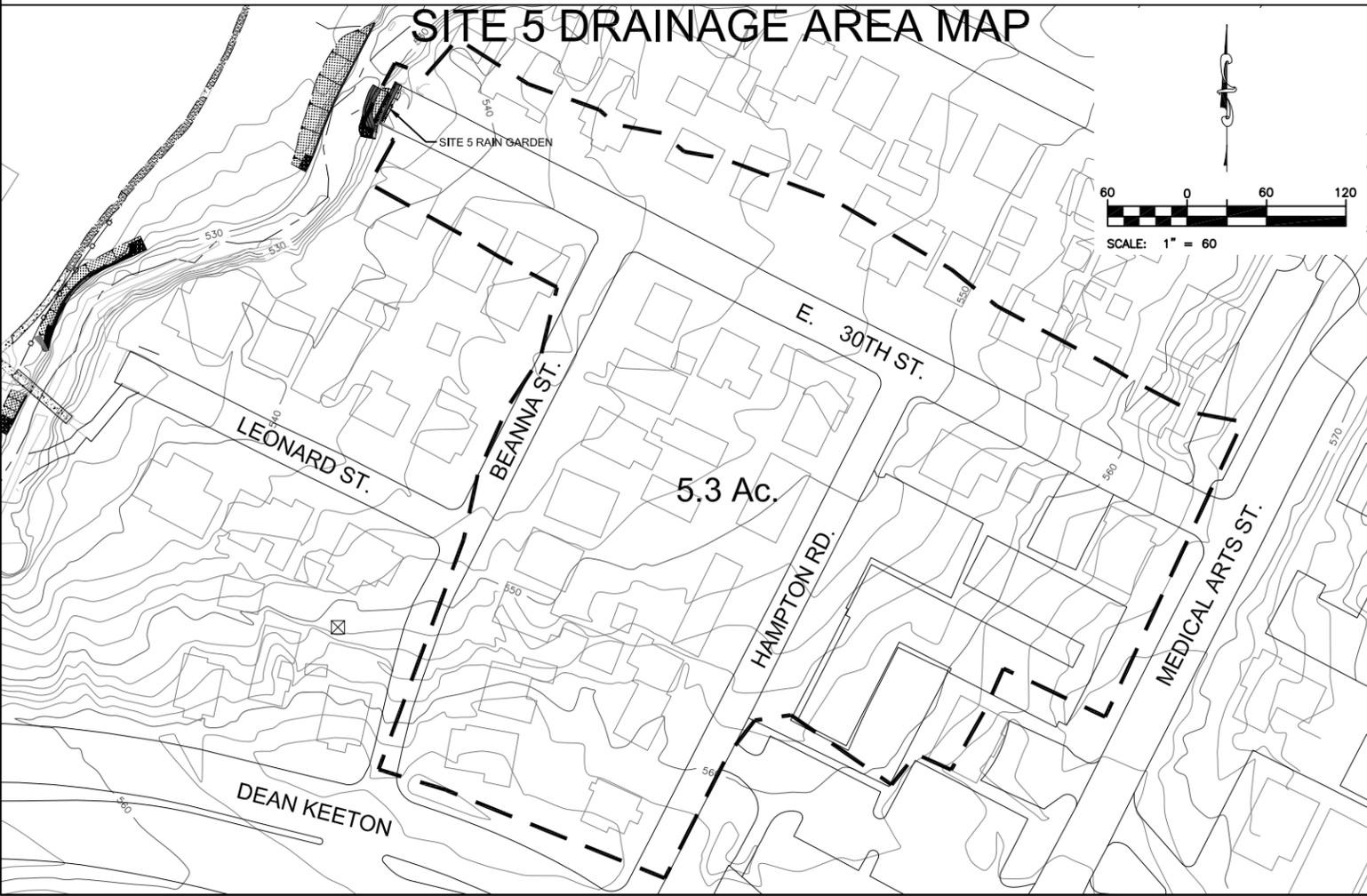


SECTION A-A

Erosion Site	Structure Type	Max		Sliding Factor of Safety		Overturning Factor of Safety		Bearing Capacity Factor of Safety		Slope Stability Factor of Safety		Calc Max Grid Length ft	Grid Type	Notes
		Height ft	Batter Degrees	Computed	Criteria	Computed	Criteria	Computed	Criteria	Computed	Criteria			
1	RSS / Soil Lifts	12.6	40.8	> 1.5	1.5	NA	NA	> 3	3	> 1.3	1.3	6.7	UX 1400	Highest part of Project 1
2	MSEW / Rock Facing	6	0	1.9	1.5	2.5	2	811	3	1.8	1.3	3.25		Upstream transition with vertical wall
3	MSEW / Soil Lifts	9.5	36	2.227	1.5	4	2	5254	3	1.4	1.3	6		Just downstream of pedestrian bridge
4	RSS / Soil Lifts	9	18.4	1.501	1.5	2.22	2	1696	3	1.4	1.3	6.3		Tallest part of Project 3
5	MSEW / Rock Facing	5	47.7	> 1.5	1.5	NA	NA	> 3	3	> 1.3	1.3	0		Upstream end of project on park side
		8	20	1.502	1.5	6.24	2	2091	3	2	1.3	12.4	UX 1500	MSE Rain garden Wall

NOTE:
WALLS WERE DESIGNED IN ACCORDANCE WITH THE CITY OF AUSTIN, TRANSPORTATION CRITERIA MANUAL, CHAPTER 11.

SITE 5 DRAINAGE AREA MAP

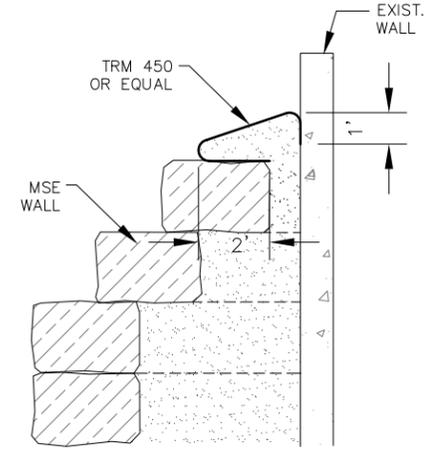


SITE 5 DRAINAGE AREA CALCULATIONS

DRAINAGE AREA DATA:		Value	Unit
Drainage Area to Control		5.3	Ac.
Drainage Area Impervious Cover		43	%
Capture Depth (CD)		0.014	in.
WATER QUALITY CONTROL CALCULATIONS:		Required	Provided
Water Quality Volume		n/a	cf. 273 cf.
100 Year Peak Flow Rate to Control (Q100)		58	cfs.
Filtration Pond Area (Af)		n/a	sf. 138 sf.
Depth of Ponding (D)		Maximum 1.0 ft.	0.5 ft.
Depth of Filtration Media (L)		Minimum 1.5 ft.	3.6 ft.
Effective Porosity Water Quality Volume (WQVv = 0.24 * Af * L)			159.125 cf.
Ponded Water Quality Volume (WQV provided = WQV - WQVv)			113.875 cf.
Water Quality Elevation (WQE)			534.5 ft. MSL
Elevation of Splitter / Overflow Weir (Minimum WQE)			534.5 ft. MSL
Length of Splitter Weir			26.4 ft.
Required Head to Pass Q100			0.95
Freeboard Provided to Pass Q100			n/a
**Weir is beneath existing street elevation and flow is not restricted.			
For Filtration Rain Gardens:			
Rain Garden Pond Drawdown Time		Minimum 48 hr.	~3 hr.
Underdrain Orifice Size (Diameter)			~6.7 in.
Underdrain Orifice Size (Area)			36 sq. in.
**Goal to maximize flow-through			
**Cracks between stones perform role of underdrain perforations			

Material	Friction Angle Degrees	Cohesion PSF	Moist Unit Weight PCF
Foundation Rock	30	100,000	165
Retained Soil	30	500	120
Select Fill	40	50 - 100	140

NOTE:
Shear strength of Fascia Blocks are conservatively neglected.



GRADED SLOPE ON MSE WALL DETAIL
NTS

WALLER CREEK - EASTWOODS PARK
STREAM RESTORATION
PLAN DETAILS

ENVIRONMENTAL RESOURCE MANAGEMENT
505 BARTON SPRINGS RD.
AUSTIN, TEXAS 78704
PHONE: (612) 974-2550



NO.	BY	DATE	DESCRIPTION
1	ADD 1		Final biofiltration boulders

