

Request for Bid Stream Crossing Stabilization Construction Pkg A Addendum No. 3 to RFB No. 405569.71.0410 August 20, 2020



The following information encompasses Addendum No. 3 for the above referenced RFB. Bidders shall fully consider and acknowledge this Addendum in the preparation and submittal of its formal Bid. Failure to do so may result in the rejection of the Bid.

Section 1 – Updated 00370.3 Bid Pricing Information

Section 2 – Updated Drawings for Fletcher Creek East Site

All other conditions and requirements remain unchanged.

Section 1
Updated 00370.3 Bid Pricing Information

Table 00370.3.1 - Unit Price Bid Form

Bidder should refer to Section 00270, Instructions to Bidders, when completing this Bid Form. Bidder shall complete this form entirely and return it with Bidder's Bid.

Bid Submitted by: (Company Name)

00370.3 Bid Pricing Information

00370.3.1 Unit Pricing

Bidder proposes to complete the RFB Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFB Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFB documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.

In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Subcontractor shall provide a new unit price for review and acceptance by the Purchaser. Subcontractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.

00370.3.1.1 Unit Prices Breakdown				Bidder Response Columns		
Item Number	Item Description	Estimated Quantity	Unit Price	Extension Price		
71.0410 Stream	Crossing Stabilization Construction Pkg A					
letcher Creek Ea	ast					
00000-01	Mobilization	Lump Sum	1		\$ -	
00000-02	Construction Stakes, Lines And Grades	Lump Sum	1		\$ -	
01560-01	Geotextile (Type Iii) Erosion Control	Square Yard	1,200		\$ -	
01560-02	Sediment Filter Bag (15' X 10')	Each	1		\$ -	
01560-03	Temporary Silt Fence (With Backing)	Linear Foot	4 70 400		\$ -	
01560-04	High-Visibility Construction Fence	Linear Foot	640 <u>500</u>		\$ -	
01560-05	Construction Exit	Each	1		\$ -	
02631-01	Mineral Aggr, Ty A Base, Grading D (2.03 Tons/Cy)	Ton	300		\$ -	
01560-06	Temporary Crossing	Each	1		\$ -	
01560-07	Stream By-Pass Pumping	Lump Sum	1		\$ -	
01560-08 Sandbags		Each	6,000		\$ -	
	Allowances (Curb/Gutter, Pavement, Sidewalk)	Allowance	4		\$	
02370-01	Machined Rip-Rap (Class A-1) W/ Grout	Cubic Yard	4 00 <u>150</u>		\$ -	
02370-02	Soil Compaction Test	Each	2		\$ -	
02371-01	Reinforced Turf (Armormax)	Square Foot	7,200 6,150		\$ -	
02382-01	Concrete Block Mat (Armorflex 50)	Square Foot	14,200		\$ -	
02530-6.01	Locate And Expose Mainline Terminus	Each	1		\$ -	
02530-6.06	Bypass Pumping	Lump Sum	1		\$ -	
02530-6.11	Class A Concrete (Encasements/Supports)	Cubic Yard	70		\$ -	
02630-4.01.A	Site Preparation And Restoration	Lump Sum	1		\$ -	
02631-04	Unlined Channel	Linear Foot	150		\$ -	
02632-07	Drainage Structure Removal	Each	1		\$ -	
02920-4.01	Stripping And Replacing Topsoil	Cubic Yard	300 <u>350</u>		\$ -	
02920-5.01	Seeding (With Mulch)	Unit	20		\$ -	
02920-5.02	Seeding (Without Mulch)	Unit	20		\$ -	
02950-4.01.A-1	Asphalt Pavement Removal/Replacement	Square Yard	30		\$ -	
02950-4.01.B	Concrete Sidewalk Removal/Replacement	Square Yard	17		\$ -	
02950-4.01.C	Concrete Curb & Gutter Removal/Replacement	Square Yard Linear Foot	45 <u>100</u>		\$ -	
	Fletcher Creek East	- Subtotal Es	stimated Uni	t Price Value	\$ -	

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
ypress Creek					
00000-01	Mobilization	Lump Sum	1		\$
00000-02	Construction Stakes, Lines And Grades	Lump Sum	1		\$
01560-01	Geotextile (Type Iii) Erosion Control	Square Yard	550		\$
01560-02	Sediment Filter Bag (15' X 10')	Each	1		\$
01560-03	Temporary Silt Fence (With Backing)	Linear Foot	200		\$
01560-04	High-Visibility Construction Fence	Linear Foot	350		\$
01560-05	Construction Exit	Each	1		\$
02631-01	Mineral Aggr, Ty A Base, Grading D (2.03 Tons/Cy)	Ton	110		\$
01560-07	Stream By-Pass Pumping	Lump Sum	1		\$
01560-08	Sandbags	Each	1,000		\$
	Allowances (Curb/Gutter, Pavement, Sidewalk)	Allowance	4		\$
02370-01.01	Machined Rip-Rap (Class A-1) (1.75 Tons/Cy)	Ton	400		\$
02370-02	Soil Compaction Test	Each	2		\$
02530-6.01	Locate And Expose Mainline Terminus	Each	1		\$
02530-6.03.02	24" Dip	Linear Foot	110		\$
02530-6.06	Bypass Pumping	Lump Sum	1		\$
02530-6.10	36" Steel Casing	Linear Foot	70		\$
02530-6.11	Class A Concrete (Encasements/Supports)	Cubic Yard	5		\$
02550-01	24" Harness Restraint	Each	2		\$
02551-01	24" Coupling	Each	6		\$
02630-4.01.A	Site Preparation And Restoration	Lump Sum	1		\$
02632-07	Drainage Structure Removal	Each	2		\$
02920-4.01	Stripping And Replacing Topsoil	Cubic Yard	150		\$
02920-5.01	Seeding (With Mulch)	Unit	10		\$
02950-4.01.A-1	Asphalt Pavement Removal/Replacement	Square Yard	30		\$
02950-4.01.C	Concrete Curb & Gutter Removal/Replacement	Square Yard Linear Foot	15 <u>100</u>		\$
	Cypress Creek	- Subtotal Es	stimated Unit	Price Value	\$

71.0410 Stream Crossing Stabilization Construction Pkg A - TOTAL Estimated Unit Price Value	e \$	-	
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Request for Bid Stream Crossing Stabilization Construction Pkg A Addendum No. 3 to RFB No. 405569.71.0410 August 20, 2020



Section 2 Updated Drawings for Fletcher Creek East Site

(full resolution drawings are available on the SARP10 website http://www.sarp10.com/projects)

FLETCHER CREEK EAST (WN106375S) BANK STABILIZATION / GRADE CONTROL CITY OF MEMPHIS SEWER ASSESSMENT AND REHABILITATION PROGRAM (SARP10) MEMPHIS, TENNESSEE

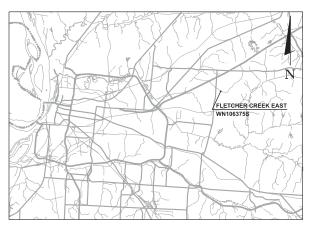
CITY COUNCIL

PATRICE ROBINSON, CHAIRWOMAN FRANK COLVETT JR, VICE CHAIRMAN RHONDA LOGAN, COUNCILWOMAN JAMITA SWEARENGEN, COUNCILWOMAN WORTH MORGAN, COUNCILMAN EDMUND FORD SR, COUNCILMAN MICHALYN EASTER-THOMAS, COUNCILWOMAN JB SMILEY JR, COUNCILMAN CHEYENNE JOHNSON, COUNCILWOMAN MARTAVIUS JONES, COUNCILMAN CHASE CARLISLE, COUNCILMAN J FORD CANALE, COUNCILMAN DR JEFF WARREN, COUNCILMAN

CITY ENGINEER

MANNY BELEN, P.E.

JIM STRICKLAND, MAYOR



LOCATION MAP

NOT TO SCALE

INDEX OF DRAWINGS

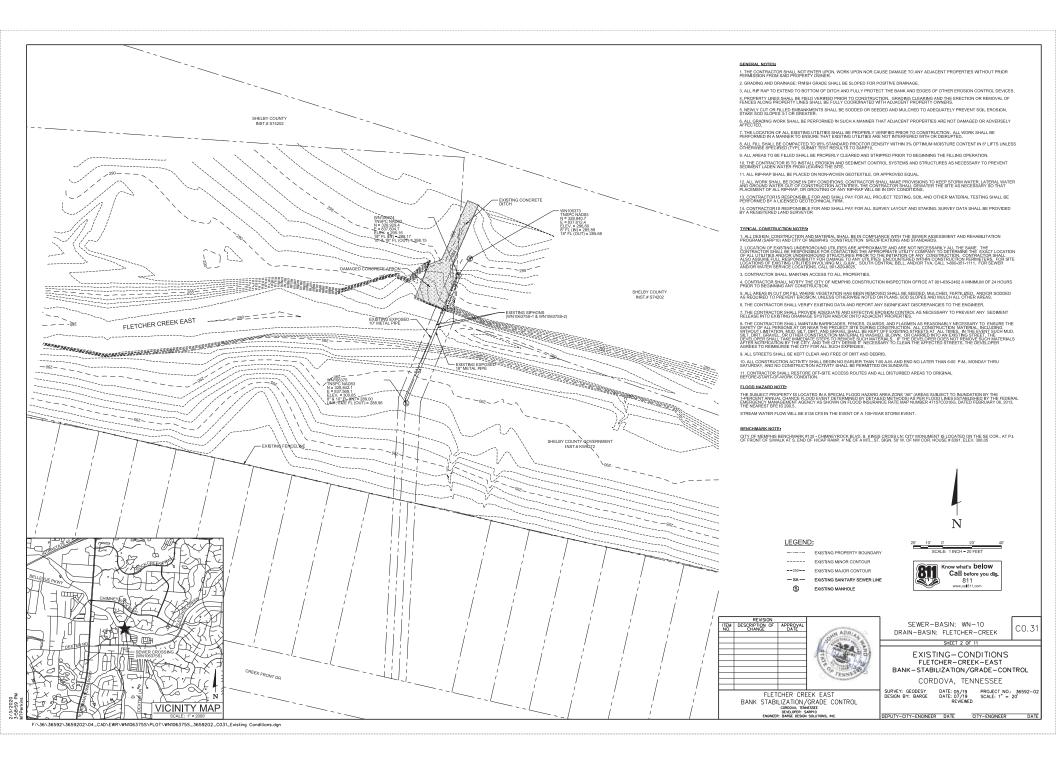
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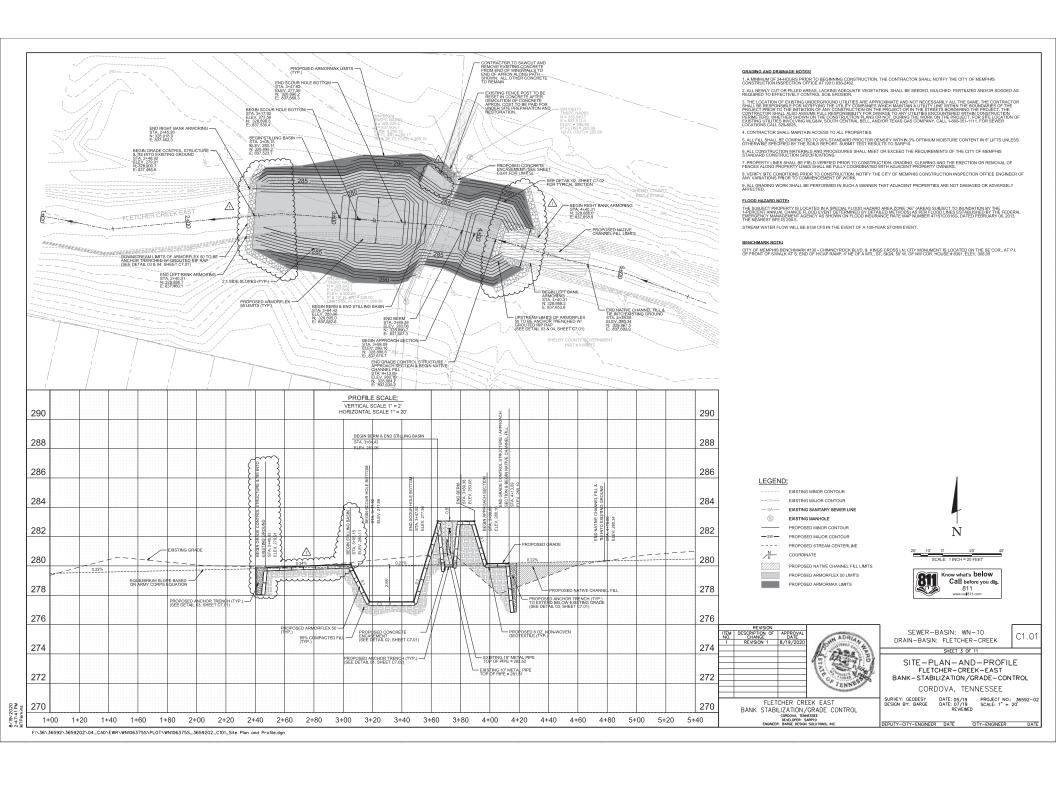
C0.01	CIVIL COVER SHEET
C0.31	EXISTING CONDITIONS
C1.01	SITE PLAN AND PROFILE
C2.41	EROSION CONTROL PLAN PHASE I
C2.51	EROSION CONTROL PLAN PHASE II
C3.01	UTILITY PLAN AND PROFILE
C6.01	CROSS SECTIONS
C7.01	CIVIL DETAILS
C7.02	CIVIL DETAILS
C7.21	EROSION CONTROL DETAILS

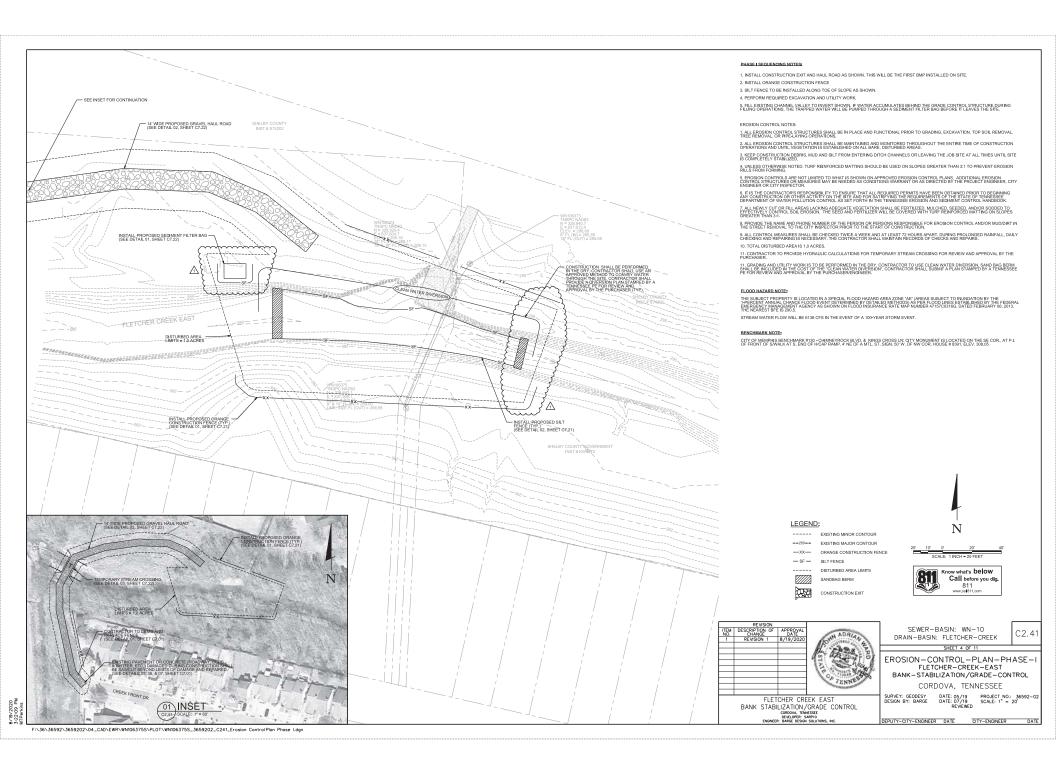
C7.22 EROSION CONTROL DETAILS

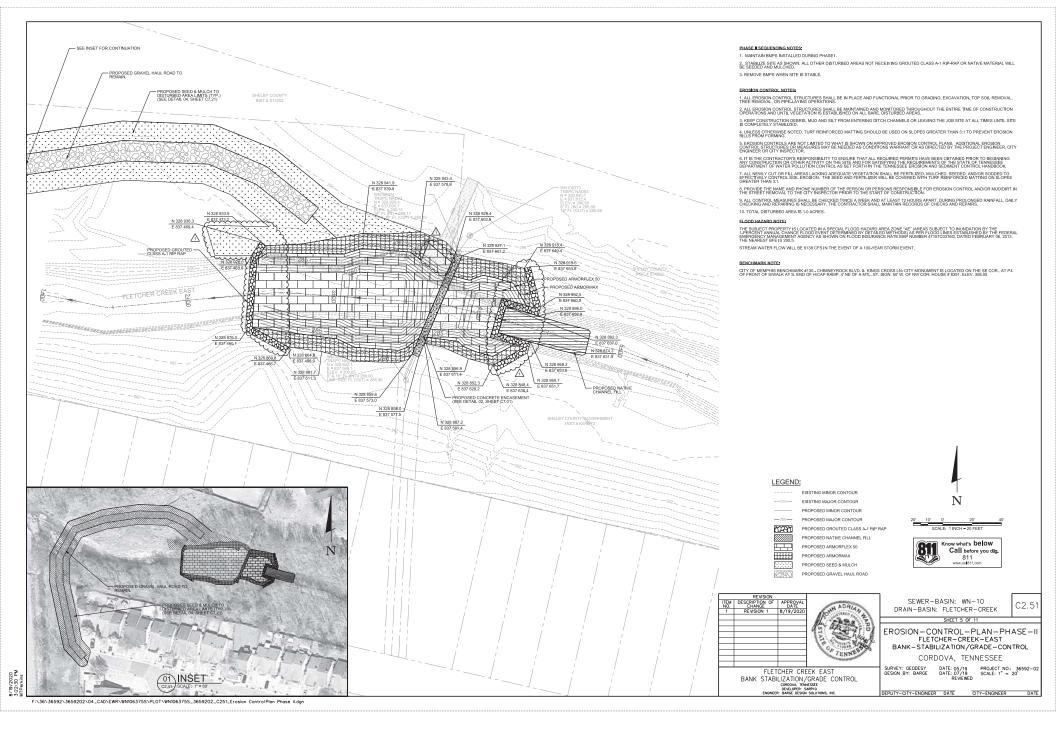


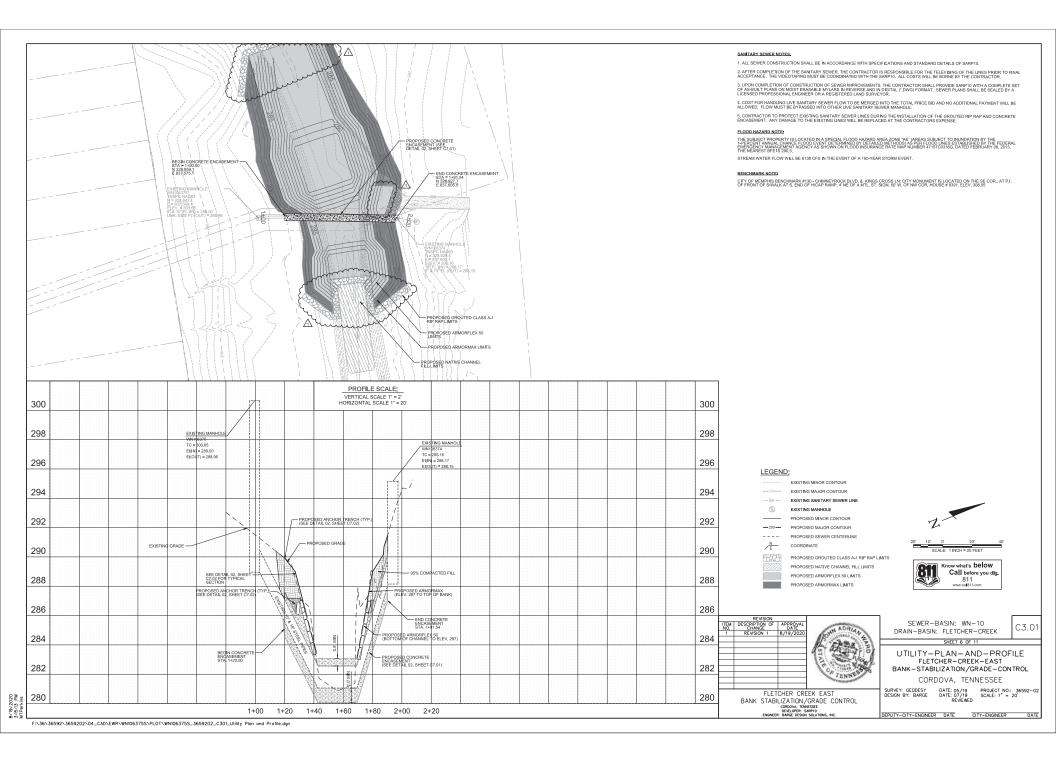
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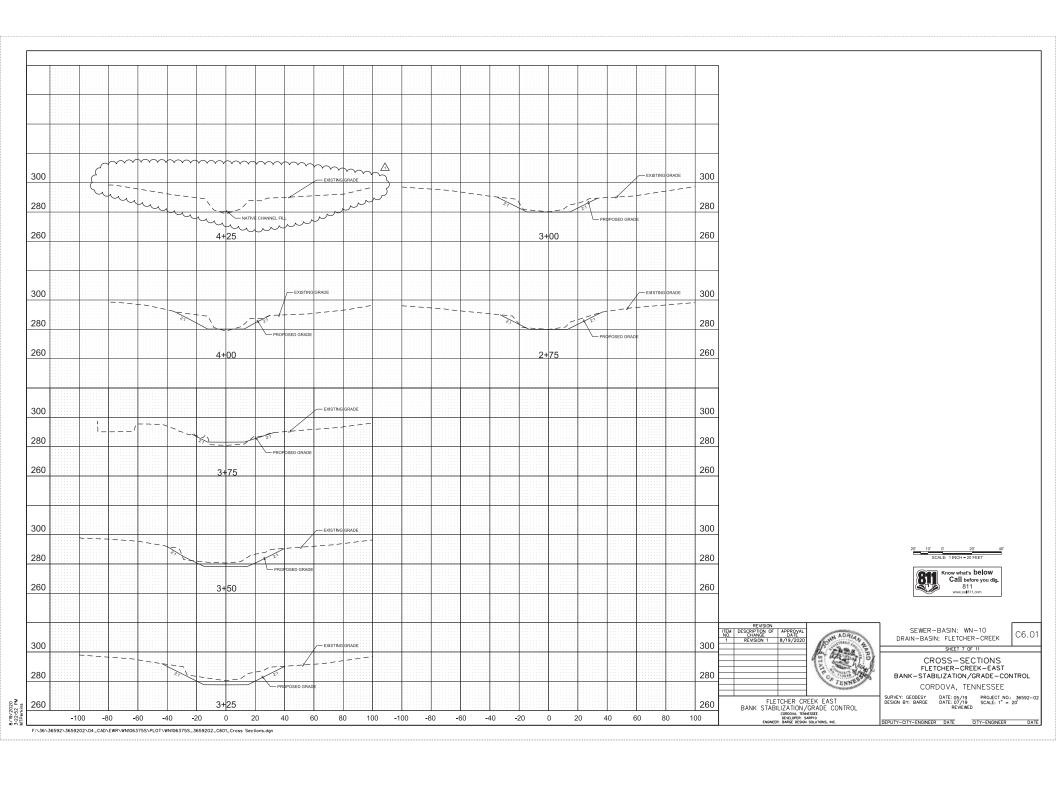


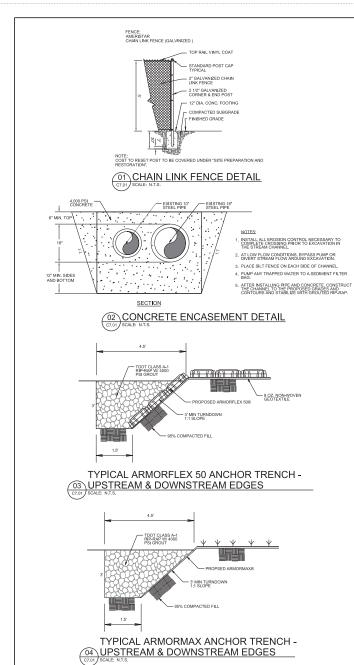


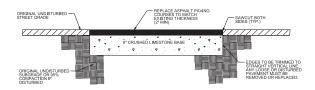




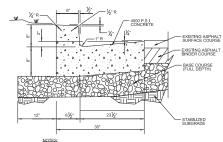






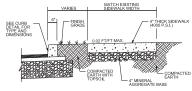


05 TYPICAL PAVEMENT REPAIR DETAIL CT.01) SCALE: N.T.S.



- PREFORMED 1/2" EXPANSION JOINTS SHALL BE EQUALLY SPACED AT 30" MAX, CENTERS, WITH 1/4" CONTRACTION JOINTS EQUALLY SPACED AT 10" MAX, CENTERS BETWEEN EXPANSION JOINTS.
- EXACT CURB DIMENSIONS MAY BE ALTERED SLIGHTLY TO FIT STANDARD EXTRUDED CURB MACHINES, BUT SUCH VARIANCES MUST BE APPROVED BY THE ENGINEER.
- SEE PAVING DETAILS FOR PAVEMENT SECTIONS, SUBBASE, SUBGRADE, AND COMPACTION REQUIREMENTS.

(06) TYPICAL CURB & GUTTER REPAIR DETAIL (CTSI) SCALE: N.T.S.



NOTES

 PREFORMED 1/2" EXPANSION JOINTS SHALL BE EQUALLY SPACED AT 24" MAX. CENTERS, WITH 1/4" CONTRACTION JOINTS EQUALLY SPACED AT 6" MAX. CENTERS BETWEEN EXPANSION JOINTS.

07 TYPICAL SIDEWALK REPAIR DETAIL
OTO SCALE: N.T.S.



FLETCHER CREEK-EAST
BANK STABILIZATION/GRADE CONTROL
CORDOVA, TENRESSEE
DEVELOPER: SAMPO
ENGREER: BANCE OSSUN SOLUTIONS, INC.

SEWER-BASIN: WN-10 DRAIN-BASIN: FLETCHER-CREEK

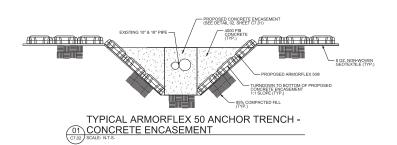
SHEET 8 OF 11

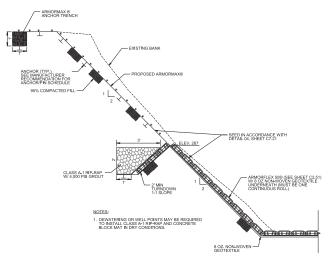
C7.01

CIVIL—DETAILS
FLETCHER-CREEK-EAST
BANK-STABILIZATION/GRADE-CONTROL
CORDOVA, TENNESSEE

SURVEY: GEODESY DATE: 05/19 PROJECT NO.: 36592-0: DESIGN BY: BARGE DATE: 07/19 SCALE: 1" = 20"

DEPUTY-CITY-ENGINEER DATE CITY-ENGINEER D





02 TYPICAL SECTION - ARMORMAX & ARMORFLEX 50 SCALE: N.T.S.

TEM DESCRIPTION OF APPROVAL NO. CHANGE DATE

FLETCHER CREEK-EAST

BANK STABILIZATION/CRADE CONTROL
CORDOVA, TENNESSEE
EVELOPEE: SAMPIO
ENONEER BAVIE DESON SOLUTIONS, INC.

SEWER-BASIN: WN-10 DRAIN-BASIN: FLETCHER-CREEK

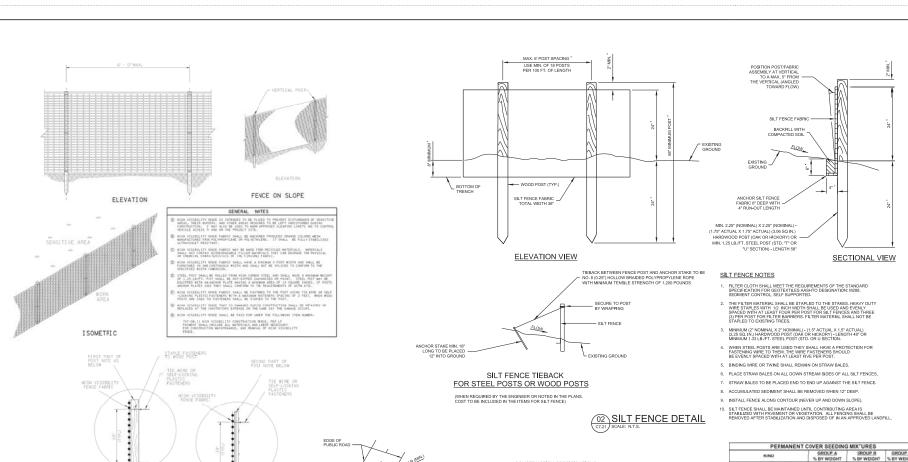
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C7.02

CIVIL—DETAILS
FLETCHER-CREEK-EAST
BANK-STABILIZATION/GRADE-CONTROL
CORDOVA, TENNESSEE

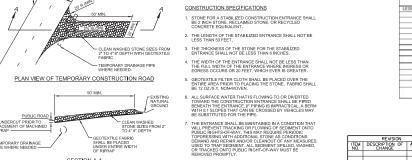
SURVEY: GEODESY DATE: 05/19 PROJECT NO.: 36592-02
DESIGN BY: BARGE DATE: 07/19 SCALE: 1" = 20'
REVIEWED

DEPUTY-CITY-ENGINEER DATE CITY-ENGINEER DAT





04 COVER SEEDING MIXTURES
(7.21) SCALE: N.T.S.



(03) TEMPORARY CONSTRUCTION EXIT DETAIL (0722) SCALE N.T.S.

SECTION A-A

REVISION
ITEM DESCRIPTION OF APPROVAL
NO. DATE

OHANGE DATE

FLETCHER CREEK EAST

FLETCHER CREEK EAST

BANK STABILIZATION/GRADE CONTROL

CORDOVA, TENNESSEE

DEVALOPER: SAMPO
ENGNEER: BANEO DISON SOLUTIONS, INC.

SEWER-BASIN: WN-10 DRAIN-BASIN: FLETCHER-CREEK

SHEET 10 OF 11

C7.21

EROSION - CONTROL - DETAILS FLETCHER-CREEK - EAST BANK - STABILIZATION / GRADE - CONTROL

CORDOVA, TENNESSEE

SURVEY: GEODESY DATE: 05/19 PROJECT NO.: 36592-02
DESIGN BY: BARGE DATE: 07/19 SCALE: N.T.S. REVEWED

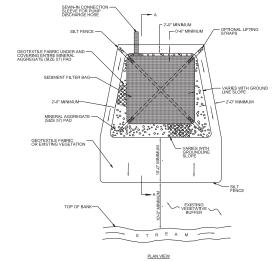
DEPUTY-CITY-ENGINEER DATE CITY-ENGINEER DATE

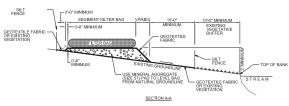
HIGH VISIBILITY FENCE FABRI:

MIN, 2.25" (NOMINAL) X 2.25" (NOMINAL)-II.75" ACTUAL X 1.75" ACTUAL) 0.06 SQ. IN.O HARDWOOD POST IODAK OR HI(KORY) OR MIN, 1.25 LB/F7, STEEL POST (SID "T'OR "U'SECTIONO LENGTH 60"

O1 CONSTRUCTION FENCE DETAIL

SENSITIVE AREA



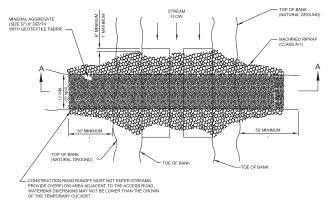


01 SEDIMENT FILTER BAG DETAIL

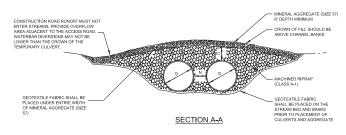


- PLACE CR610 (TYP.) IN TWO COMPACTED LIFTS TO 100% STANDARD PROCTOR ASTM D698.
- 2. PLACE SEPARATION GEOTEXTILE FABRIC BETWEEN SUBGRADE AND AGGREGATE BASE.
- FILL TO ACHIEVE SUBGRADE ELEVATION, SUBGRADE TO BE PLACED ON STABLE EXISTING GROUND AFTER IT HAS BEEN GRUBBED, STRIPPED, AND PROOFROLLED TO SHOW STABILITY.
- 4. IF UNSTABLE, UNDERCUT AS NEEDED AND APPROVE BY ENGINEER.
- SIDE SLOPES NO STEEPER THAN 1V:3H AND VEGETATE AS NEEDED FOR EROSION PROTECTION.
- 6. HAUL ROAD TO BE PAID FOR UNDER "CONSTRUCTION EXIT".

02 TYPICAL HAUL ROAD DETAIL



PLAN VIEW OF TEMPORARY CULVERT CROSSING



C = 1/2 DIAMETER OF PIPE OR 18" WHICHEVER IS GREATER N = 1/2 DIAMETER OF PIPE OR 12" WHICHEVER IS GREATER

TEMPORAR	Y CUL	VERT	CROS	SING	SELEC	TION	
PIPE DIAMETER	IPE DIAMETER AVERAGE CHANNEL SLOPE						
(INCHES)	0.5%	1.0%	1.5%	2.0%	2.5%	3.0%	
36	46.8	50.4	49.5	47.8	46.6	45.8	FLOW (CFS)
RIPRAP	В	В	В	В	B/C	B/C	

(03 TEMPORARY CULVERT CROSSING DETAIL



FLETCHER CREEK EAST BANK STABILIZATION/GRADE CONTROL
CORDOVA, TENNESSEE
DEVOLOPER: SARPIO
ENGNEER: BARGE OBSIGN SOLUTIONS, INC.

SEWER-BASIN: WN-10 DRAIN-BASIN: FLETCHER-CREEK

EROSION-CONTROL-DETAILS FLETCHER-CREEK-EAST BANK-STABILIZATION/GRADE-CONTROL

C7.22

CORDOVA, TENNESSEE

PROJECT NO.: 36592-02 SCALE: N.T.S.

DEPUTY-CITY-ENGINEER DATE CITY-ENGINEER