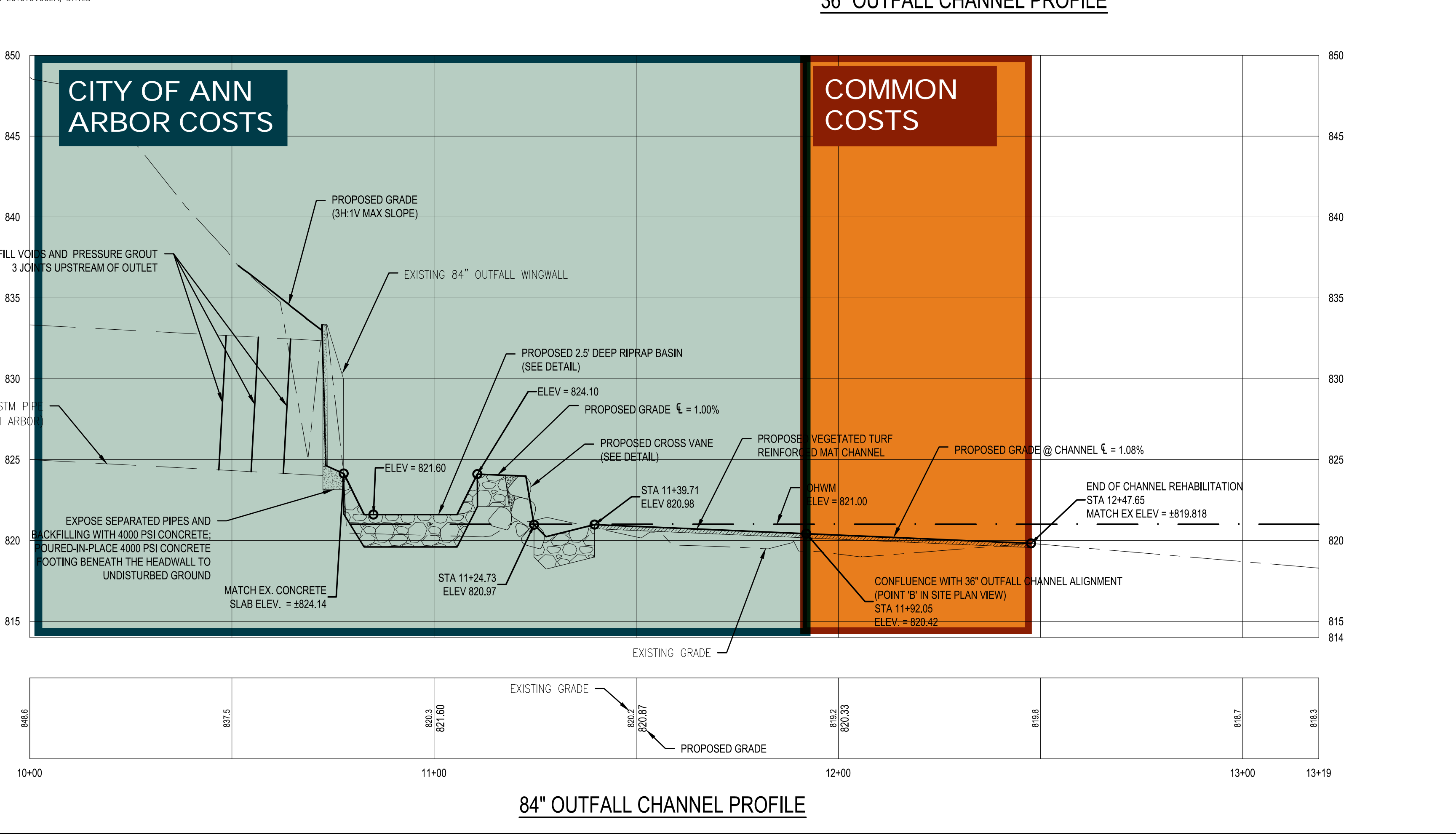
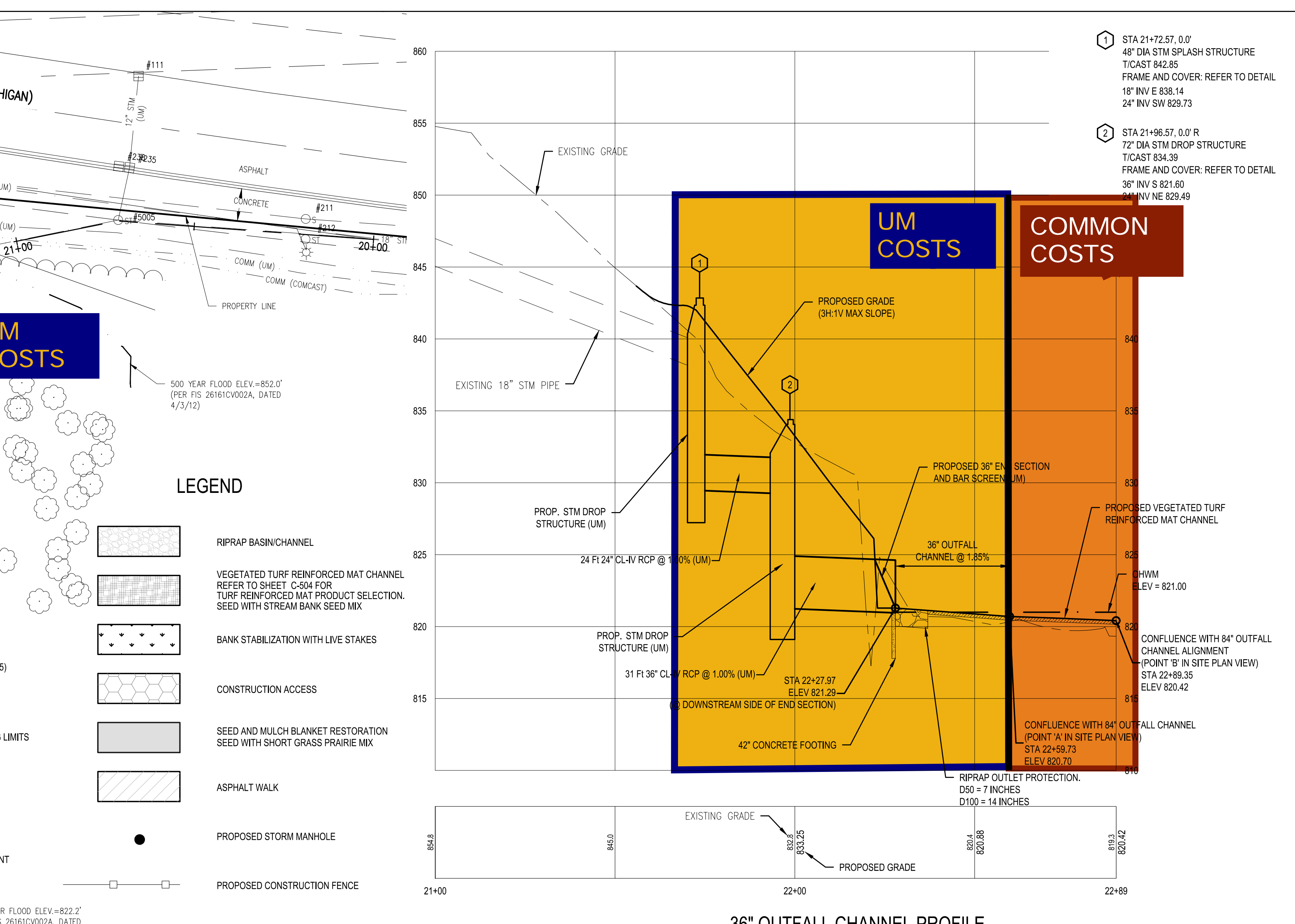
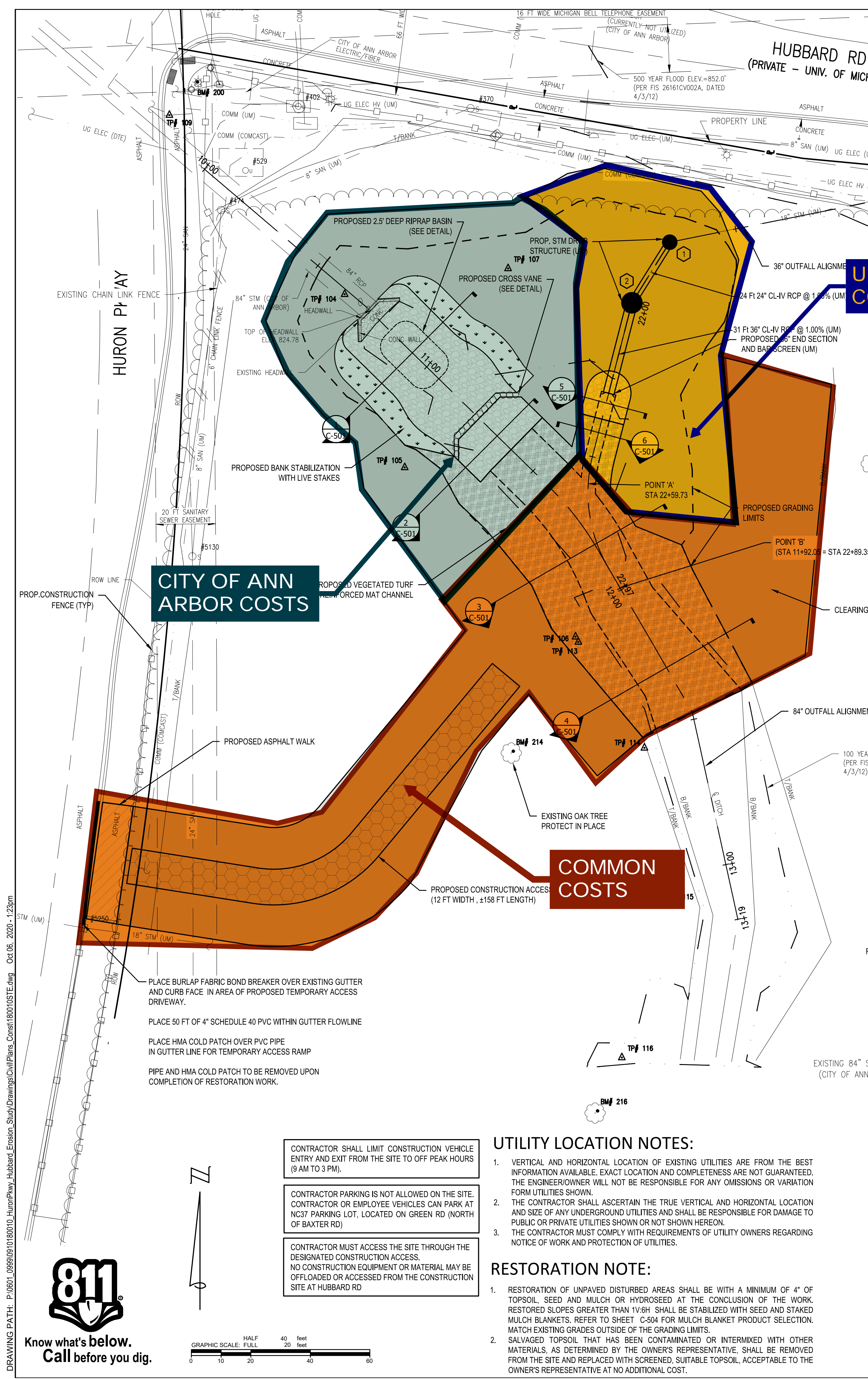


Storm Water Outfall Erosion Repairs at Huron Pkwy. & Hubbard

Exhibit - B

Project Budget Details:

- **Total project area: 0.68 acre (see attached PDF)**
 - U-M outfall repair area: 0.21 acre (yellow area)
 - City of AA outfall repair area: 0.22 acre (blue area)
 - Common Items repair area: 0.25 acre (brown area)
 - **Total U-M repair area: 0.34 acre (50% of total project area)**
 - 0.21 acre (yellow area) + 0.13 acre (half of brown area) = 0.34 acre
 - **Total City repair area: 0.34 acre (50% of total project area)**
 - 0.22 acre (blue area) + 0.12 acre (half of brown area) = 0.34 acre
- **Total construction cost: \$287,547 (Hoffman Brothers Bid Amount)**
- **Total soft cost: \$132,453** (Topo Survey, T&E species study, Design, EGLE permit, Project management, Soil disposal, Material testing, Inspection, City of AA reviews and permits, Contingencies, etc.)
- **Total project cost: \$420,000**
- **U-M share of Project Cost: 50% of \$420,000 = \$210,000**
- **City of AA share of Project Cost: 50% of \$420,000 = \$210,000**

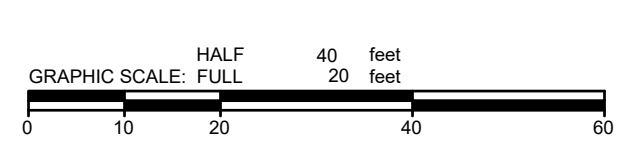


LEGEND

- RIPRAP BASIN/CHANNEL
- VEGETATED TURF REINFORCED MAT CHANNEL REFER TO SHEET C-504 FOR TURF REINFORCED MAT PRODUCT SELECTION. SEED WITH STREAM BANK SEED MIX
- BANK STABILIZATION WITH LIVE STAKES
- CONSTRUCTION ACCESS
- SEED AND MULCH BLANKET RESTORATION SEED WITH SHORT GRASS PRAIRIE MIX
- ASPHALT WALK
- PROPOSED STORM MANHOLE
- PROPOSED CONSTRUCTION FENCE

- UTILITY LOCATION NOTES:**
- VERTICAL AND HORIZONTAL LOCATION OF EXISTING UTILITIES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. THE ENGINEER/OWNER WILL NOT BE RESPONSIBLE FOR ANY OMISSIONS OR VARIATION FROM UTILITIES SHOWN.
 - THE CONTRACTOR SHALL ASCERTAIN THE TRUE VERTICAL AND HORIZONTAL LOCATION AND SIZE OF ANY UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR DAMAGE TO PUBLIC OR PRIVATE UTILITIES SHOWN OR NOT SHOWN HEREON.
 - THE CONTRACTOR MUST COMPLY WITH REQUIREMENTS OF UTILITY OWNERS REGARDING NOTICE OF WORK AND PROTECTION OF UTILITIES.
- RESTORATION NOTE:**
- RESTORATION OF UNPAVED DISTURBED AREAS SHALL BE WITH A MINIMUM OF 4" OF TOPSOIL, SEED AND MULCH OR HYDROSEED AT THE CONCLUSION OF THE WORK. RESTORED SLOPES GREATER THAN 1V:6H SHALL BE STABILIZED WITH SEED AND STAKED MULCH BLANKETS. REFER TO SHEET C-504 FOR MULCH BLANKET PRODUCT SELECTION. MATCH EXISTING GRADES OUTSIDE OF THE GRADING LIMITS.
 - SALVAGED TOPSOIL THAT HAS BEEN CONTAMINATED OR INTERMIXED WITH OTHER MATERIALS AS DETERMINED BY THE OWNER'S REPRESENTATIVE, SHALL BE REMOVED FROM THE SITE AND REPLACED WITH SCREENED, SUITABLE TOPSOIL, ACCEPTABLE TO THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.

DRAWING PATH: P:\0601_0696\0910\80010_HuronPkwy_Hubbard_Erosion_Study\Drawings\Civil\Plans_Constr\180010SITE.dwg Oct 06, 2020 - 1:23pm



ARCHITECTS ENGINEERS PLANNERS
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Livonia, MI 48150
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OHM-ADVISORS.COM

UNIVERSITY OF MICHIGAN
W&S-STORM WATER OUTLET EROSION REPAIR, SE HURON PKWY & HUBBARD (P00017895)
SITE LAYOUT PLAN

ISSUE: 8/20/2019 NOT FOR CONSTRUCTION
REVISIONS: _____

DATE	PROJ NUMBER	ENGLISH	PD	PROJ LEAD	PROJ LEAD	CAD	COUNTY	MUNICIPALITY
10/07/2020	0910-18-0010	PD	AGM	WASHTENAW	AGM	AGM	WASHTENAW	ANN ARBOR

SHEET **C-130**



Building: 0080001 - Multiple Blocks

AEC Project #:P00017985

Project Name: W&S - Storm Water Outlet Erosion Repair, SE Huron Parkway & Hubbard

Bid Pack Name: Bidpack 01 - Construction

Bid Opening: 11/23/2020

	Hoffman Bros Inc	E T MacKenzie Company	Fonson Company Inc	Angelo lafrate Construction	Eagle Excavation	Miller Bros Const Inc	Site Development
Proposal	\$287,547	\$299,840	\$345,875	\$427,300	\$577,000	Declined	Did Not Bid
Walk Thru - Mandatory	Yes	Yes	Yes	Yes	Yes	Declined	Did Not Bid
Alternate 1 - Provide the DEDUCT price for placing removed trees and spreading wood chips on the project parcel, outside of the	N/A	\$-2,000	\$-3,300	\$0	\$0	Declined	Did Not Bid
Total Alternates	N/A	\$-2,000	\$-3,300	\$0	\$0	Declined	Did Not Bid
Addenda Acknowledge - Addendum No. 1	Yes	Yes	Yes	Yes	Yes	Declined	Did Not Bid
Addenda Acknowledge - Addendum No. 2	Yes	Yes	Yes	Yes	Yes	Declined	Did Not Bid
Completion Date or Days	04/30/2021	04/30/2021	04/30/2021	04/30/2021	04/30/2021	Declined	Did Not Bid

Vendor Name	Declined	Did Not Bid	Incomplete Bid	Qualified Bid	Withdraw	Qualified Bid Description
Site Development Incorporated	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Miller Bros Const Inc	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



Building: 0080001 - Multiple Blocks

AEC Project #: P00017985

Project Name: W&S - Storm Water Outlet Erosion Repair, SE Huron Parkway & Hubbard

Bid Pack Name: Bidpack 01 - Construction

Bid Opening: 11/23/2020

BIDS READ BY/BID TAB APPROVED BY:

Lorri Doneth

Digitally signed by Lorri Doneth
Date: 2020.11.24 07:15:49 -05'00'

I HEREBY CERTIFY THIS IS A TRUE TABULATION OF BIDS RECEIVED:

Jenny Lessard

Digitally signed by Jenny Lessard
Date: 2020.11.23 15:35:49 -05'00'

Name Date

Name Date