



ADDENDUM NUMBER TWO – NOVEMBER 17, 2020

Metropolitan Park District of the Toledo Area
6101 Fallen Timbers Lane
Maumee OH 43537

PROJECT: **Metroparks Toledo – Riverside Trail East, 1001 Front St.,
Toledo, Ohio 43608**

BID DUE DATE: **UNCHANGED** – FRIDAY, NOVEMBER 20, 2020, 3 PM LOCAL TIME

Metroparks of the Toledo Area would like to issue Addendum #1 related to the above indicated project.

The following items to be changed in the bid documents shall hereinafter become part thereof and shall supersede all other specifications wherein there may be a conflict. The contractor shall perform all work in connection with said items or change as required to integrate the change with all related work under this project bid specification in a manner as to maintain the project schedule of and the continuity of quality work.

GENERAL:

Item No. 1: CORRECTION

Question: *Please review quantities for both Class QC1 – Abutments and Class QC1 – Retaining walls. Both seem severely understated. Alternates #3 & 4 also have QC1 Concrete Retaining Wall bid items. It would probably be a good idea for those quantities to be reviewed as well.*

Response: Refer to updated summary tables on page 6, 7 and added tables on pages 33 and 34. Replace Project Manual Proposal Pages with New Proposal Pages 14 - 24 attached herein.

Item No. 2: CLARIFICATION

Question: *Is the granular material needed for backfill at the abutments included in the embankment quantity?*

Response: The granular material needed for backfill is included in the embankment quantity.

Item No. 3: CLARIFICATION

Question: *I see the Geofoam fill is being subtracted from the embankment quantity in the sections but using the detail dimensions (on sheet 39) over the length of the abutment would account for more than the stated bid quantity can you please review?*

Response: Geofoam quantity should be 260 CY per quantity on general summary, not the quantity shown in the cross sections.



ADDENDUM NUMBER TWO – CONTINUED – NOVEMBER 17, 2020

Item No. 4: CLARIFICATION

Question: *What are the paint specifications for guardrail, and handrail? Our painter has recommended powder coating the guardrail to ensure consistent coverage on the infill panels. What are the paint specifications for the planters? The only paint system called out on the spec sheet is for the bridge steel. They will plan on using for all the misc. steel unless a different paint system is specified.*

Response: Refer to response to item No. 12 in Addendum 1.

Item No. 5: CLARIFICATION

Question: *How is the resteel being paid for? There is no bid item or resteel table.*

Response: Updated response from Addendum 1, item 10. Refer to updated summary tables on page 6, 7 and added tables on pages 33 and 34.

Item No. 6: CHANGE

Question: *How is the 6" pipe behind the abutments being paid for? There is no bid item specifying pipe type or amount.*

Response: Change Item 605 from 4" base pipe underdrains to 6" base pipe underdrain. This item is for the underdrain behind the segmental walls. Clarification: Concrete walls drain via weep holes as shown on details on plan sheet 40, not underdrains.

Item No. 7: CLARIFICATION

Question: *What are the pile lengths? Are we to assume that all pile are 70 ft.?*

Response: Refer to response to item No. 6 in Addendum 1. Updated pile size HP10x42 is shown in attached plan page 41.

Item No. 8: CLARIFICATION

Question: *Are soil borings available?*

Response: Please see Addendum One Attachment - Geotechnical Investigation Report.

Item No. 9: CLARIFICATION

Question: *Several bid items have "As per plan" denoted but there are no plan notes. The summary sheet #6 refers you to sheet #9 for the notes but there are none. Please clarify.*

Response: As per plan items refer to details on the plan sheets. Sheet 9 includes references to details in the legend, or references to enlargements.

Item No. 10: CLARIFICATION

Question: *We are looking at furnishing and installing the arched pedestrian bridge. The specifications state that the bridge fabricator has to have an ODOT level 6 qualification. As this is a pre-engineered bridge we would expect that the fabricators we receive pricing from will meet this requirement. My question is as the erector of the bridge what level of ODOT certification will be required to perform this work. We currently have a level 1 pre-qualification in place. Will this be accepted by ODOT, or will a higher level of pre-qualification be required?*

Response: Level 2 qualification is required.

ADDENDUM NUMBER TWO – CONTINUED – NOVEMBER 17, 2020

Item No. 11: CLARIFICATION

Question: *With respect to other aspects of the work (retaining walls, misc. concrete, etc.), will you require subcontractors to have current ODOT pre-qualification in place at the time of bid?*

Response: No, subcontractors are not subject to the pre-qualification requirement.

Item No. 12: CLARIFICATION

Question: *Does the owner have specific requirements for the proposed fixed bollards (i.e. dimensions, removable features, material type, coatings)?*

Response: Bollards are to be "Permanent Bollard" per ODOT's steel bollards standard detail RM-5.1., Reflective sheeting to be one solid color.

Item No. 13: CLARIFICATION

Question: *Sheet 42 states that ITEM 659 Topsoil, APP is to promote growth and care of permanent seeded areas however sheets 43 & 44 details indicate there is supposed to be topsoil placed in the shrub & grass planting beds. Please confirm that topsoil, APP does not involve said Landscape Plantings and if so what condition are the planting areas to be delivered to the owner?*

Response: Item 659 Topsoil, as per plan includes 4" of topsoil per ODOT Item 659 specifications and 12" of topsoil in all planting areas per details on plan sheets 43 and 44.

Item No. 14: CLARIFICATION

Question: *The Bridge details on sheet 28 illustrate a tube steel guardrail but do not show an infill panel, however the note on the top of the sheet calls out the handrail to be "Ametco" Metro as the basis of design. On sheet 30 the detailed handrail with infill panels is again specified to be the Ametco Metro railing with the grating infill panels. Do the bridge guardrails have the infill panels or is it just a 2" x 2" tube steel railing?*

Response: There is no Ametco infill panel on the bridge railing. The bridge has the bridge railing and vandal protection fence, SS mesh as shown on sheet 46.

Item No. 15: CLARIFICATION

Question: *Please verify the quantity of concrete for the abutment footers and walls. The bid quantity of 168 cu yds represents about 70% of the required volume.*

Response: Refer to Item No. 1 response.



ADDENDUM NUMBER TWO – CONTINUED – NOVEMBER 17, 2020

Item No. 16: CLARIFICATION

Question: *Page 42 under watering procedures states “For all seeded areas, maintain soil in a moist condition until seeds have sprouted and reached a height of 1-inch. Water thereafter a minimum of once every 2-3 days unless natural rainfall has occurred. Provide irrigation to moisten soil to a depth of 4” to encourage deeper rooting.” Is installation of an irrigation system and weekly watering to be installed and maintained by the contractor?*

Response: Watering to establish seeding is the responsibility of the contractor. Method of watering is up to the contractor.

Item No. 17: CLARIFICATION

Question: *On sheet 40/51, detail 2 shows a 1'-8" bearing wall in front of the 1'-6" full height wall at the abutment. Is the bearing wall payed for in the class QC1 concrete abutment including footing? Is there any horizontal bars that run the length of the bearing wall?*

Response: Provide #5@12 EW on that face of wall. Quantity is included in schedule. Refer to updated details 2 & 4 on sheet 40.

Item No. 18: CLARIFICATION

Question: *Can the takeoff calculations for the QC1 Concrete retaining wall (222cy) & QC1 Concrete abutment (168cy) of the base bid be provided? The quantities of both these bid items seem low as our take off quantities are about 20 percent higher.*

Response: Refer to Item No. 1 response.

Item No. 19: CLARIFICATION

Question: *Can the takeoff calculations for the QC1 Concrete retaining wall (280cy) of Alternate #3 & QC1 Concrete retaining wall (155cy) of Alternate #4 be provided? The quantities of both these bid items seem high. Also shouldn't there be a deduct bid item in Alternate #3 & Alternate #4 for the portion of the retaining wall that is already included in the base bid?*

Response: Refer to Item No. 1 response.

Item No. 20: CLARIFICATION

Question: *There are bid items for 66" Ht. guardrail in Alternate #3(38 FT) and Alternate #4(18 FT) which are the staircase alternates. Shouldn't these bid items be included in Alternate #2 Steel planters since the taller guardrail is to be used if the planters are added?*

Response: Correct. Taller (66") guardrail is added to alternate 2. Refer to updated quantities on general summary on sheet 7 and alternate description on sheet 15. Replace Project Manual Proposal Pages with New Proposal Pages 14 - 24 attached herein.



ADDENDUM NUMBER TWO – CONTINUED – NOVEMBER 17, 2020

Item No. 21: CLARIFICATION

Question: Are the plantings, mulch, planting bed materials by others or included in the steel planter bid item (LS)? Do the steel planters need to be provided by an ODOT prequalified fabricator?

Response: Steel planters include planters only, not plantings, mulch or planting materials. Use of an ODOT prequalified fabricator is not mandatory for planters..

Item No. 22: CLARIFICATION

Question: Are pile points required on the HP10x42 pile?

Response: Yes, carbon-steel castings, ASTM A27, Grade 65-35, heat treated.

Item No. 23: CLARIFICATION

Question: How is the unclassified excavation for the abutment and retaining walls to be paid for?

Response: Include all excavation costs in item 203 excavation.

Item No. 24: CLARIFICATION

Question: Is the reinforcing steel in the deck to be mesh, 6 x 6 x W2.9 x W2.9 and the deck to be 4" thick as called out on section 7 sheet 20/51 or is the deck thickness and deck reinforcing to be designed by the manufacturer?

Response: Correct, concrete bridge deck per detail 7, sheet 20.

Item No. 25: CLARIFICATION

Question: Is there any reinforcing steel in the concrete bridge curb?

Response: Yes, refer to updated detail 7 on sheet 20.

Item No. 26: CHANGE

Question: I have a question regarding the bid item for Erosion Control. The 'Grand Total' has a quantity of 1 and the unit is an 'EA'. Is this intended to be bid as a 1 lump sum or will the BMPs that get installed be paid as they are performed according to the 832 spec/payment schedule? Usually there is a budgeted qty for erosion control and the unit price for EA is preset at \$1.00.

Response: Bid 832 Erosion Control Item with a quantity of 2,500 with price for EA at \$1.00. Replace Project Manual Proposal Pages with New Proposal Pages 14 - 24 attached herein.

ADDENDUM NUMBER TWO – CONTINUED – NOVEMBER 17, 2020

Item No. 27: CLARIFICATION

Question: *The details on sheet 20/51 indicate 6" of aggregate base of the 4" and 6" concrete items. Is this quantity covered under the aggregate base item or should the material be included with the corresponding concrete items (4" non-reinforced, 6" reinforced and 6" non-reinforced).*

Response: Include under corresponding concrete item.

Item No. 28: CLARIFICATION

Question: *The slab on metal deck on sheet 20 is shown as 4" of concrete over the top of the deck. If the deck is typical 1 ½" deck the volume of concrete including the curb calculates to 39 cy which is less than the 45 cy specified in the bid form. This seems to be a trend that I am seeing is that the quantities you are providing are off by factors in excess of 10%. This impacts how the unit prices are calculated, and can have a detrimental effect on your budget. Another example is the quantity of re-steel for the abutments. The incidental quantity posted on the revised bid tab is 26,400 lbs. By my calculation this number is much closer to 38,000 lbs.*

Response: Quantities for concrete deck to include curb and are updated. Quantities for resteel are updated per this addendum and included in abutment costs.

Item No. 29: CLARIFICATION

Question: *What quantity is the cost of the trench drain to be included in?*

Response: Item 839 trench drain with pedestrian grate

Item No. 30: CLARIFICATION

Question: *On sheets 10, 11, 12, and 13 it notes that "Earthwork by others: grade will be brought to finish grade within property #10". It also notes that this will be the same within property ID #7. Does this mean that the subgrade will be brought to its proposed finish grade or does it mean that the pathway will need to be excavated to allow for installation of subbase and asphalt pavement/aggregate path. Also, since the earthwork is by others does this mean that the backing of pavement or the aggregate path will be by others (i.e. topsoil installation)? Who is responsible for erosion control or seeding of these areas?*

Response: Pathway will need to be excavated for subgrade. Earthwork will be at finish grade (top of pavement). Topsoil/seeding on sheets 10-13 is by others.



ADDENDUM NUMBER TWO – CONTINUED – NOVEMBER 17, 2020

Item No. 31: CLARIFICATION

Question: *Where is the Type B Granular material to be utilized and how was a quantity determined on sheet 9?*

Response: Type B granular material to be below pavement at abutment walls per detail 4 sheet 40 and behind segmental walls in section with porous backfill. Final quantity for fill behind segmental walls to be determined with delegated design.

Attachments:

- Plan Page 6 General Summary
- Plan Page 7 General Summary (Add Alternates)
- Plan Page 15 Main Street Enlargement Plan (Add Alternates)
- Plan Page 20 Pavement Details
- Plan Page 33 Pedestrian Bridge Plan of Structure
- Plan Page 34 Pedestrian Bridge Plan of Structure (Add Alternates)
- Plan Page 40 Wall Sections
- Plan Page 41 Abutment Pile Plan and Prefabricated Modular Retaining Wall Section
- Replacement Project Manual Proposal Pages 14 through 24

Jon Zvanovec
Project Manager
The Metropolitan Park District of the Toledo Area

END OF ADDENDUM NUMBER TWO, NOVEMBER 17, 2020

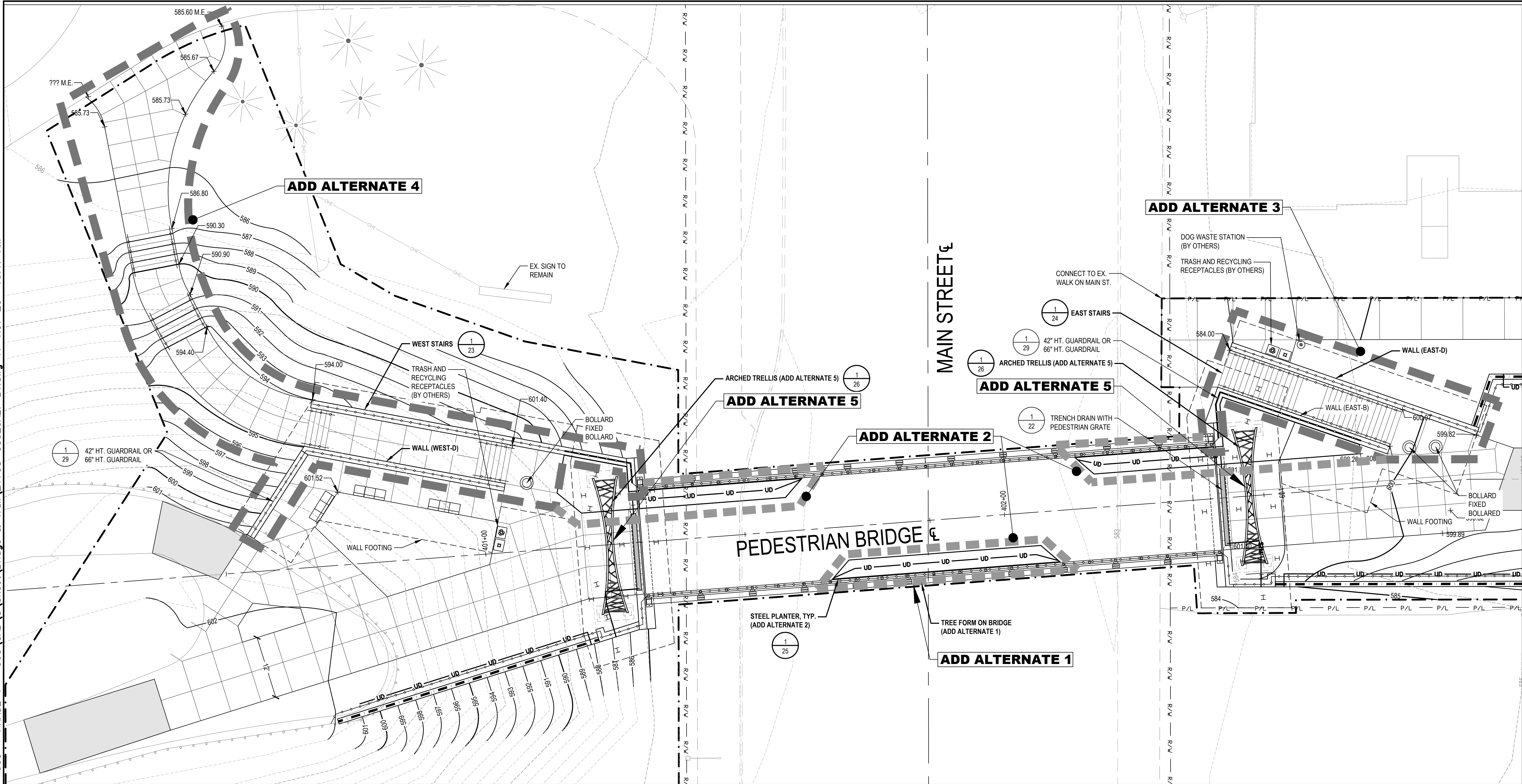
NOTE: Bidders must acknowledge receipt of this Addendum on the proposal form.

SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
9	10	11	12	13	42	16	17	18	19	33									
														201	11000	LS		EROSION CONTROL	
														832	30000	1	EACH	EROSION CONTROL	
														832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
																		DRAINAGE	
324														605	14000	324	FT	6" BASE PIPE UNDERDRAINS	9
60														611	00100	60	FT	4" CONDUIT, TYPE B	9
55														611	04900	55	FT	12" CONDUIT, TYPE D	9
1														611	98651	1	EACH	CATCH BASIN FRAME AND GRATE, AS PER PLAN	9
30														839	30100	30	FT	TRENCH DRAIN WITH PEDESTRIAN GRATE	9
2														611	98631	2	EACH	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN	9
																		PAVEMENT	
						350	841	842	111					203	10000	2,144	CY	EXCAVATION	
						94	2,951							203	20000	3,045	CY	EMBANKMENT	
930														203	35110	930	CY	GRANULAR MATERIAL, TYPE B	
1,572	1,004	1,384.1	1,084.7	747.2										204	10000	5,792	SY	SUBGRADE COMPACTION	
														204	45000	8	HOURL	PROOF ROLLING	
58														204	50001	58	SY	GEOTEXTILE FABRIC, AS PER PLAN	9
														203	98000	260	CY	ROADWAY, MISC.:Geofoam Fill	9
560	223	298	241	166										304	20000	1,488	CY	AGGREGATE BASE	
32	46	52	45											407	10001	175	GAL	TACK COAT, AS PER PLAN	
				56										410	14001	73	CY	TRAFFIC COMPACTED SURFACE, AS PER PLAN	
22.5	32.1	36	31.4											441	50000	122	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
31.5	44.9	50.6	44											441	50300	171	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)PG64-22	
100														451	10010	100	SY	6" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
380														452	09010	380	SY	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
148														452	10010	148	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
200														607	98300	200	SF	FENCE, MISC.:VANDAL PROTECTION FENCE, SS MESH, AS PER PLAN	9
322														SPECIAL	69098100	322	FT	42" HT. GUARDRAIL	9
5														SPECIAL	69050600	5	EACH	BOLLARD Fixed Bollard	9
																		LANDSCAPING	
					467									659	00301	467	CY	TOPSOIL, AS PER PLAN	42
					1,310									659	10001	1,310	SY	SEEDING AND MULCHING, AS PER PLANLOW-MOW FESCUE SEED MIX	
					66									659	15000	66	SY	INTER-SEEDING	
					0.27									659	31000	0.27	ACRE	LIME	
					0.18									659	20000	0.18	TON	COMMERCIAL FERTILIZER	
					8									659	35000	8	MGAL	WATER	42
																		RETAINING WALLS (XXX)	
										280				511	46211	280	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN	9
										3,242				870	10001	3,242	SF	PREFABRICATED MODULAR RETAINING WALL, AS PER PLAN	9
110														518	21201	110	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC, AS PER PLAN	9
																		STRUCTURE OVER 20 FOOT SPAN (CTY-RTE-SECT or SFN)	
43														511	34445	43	CY	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN	9
														511	43511	250	CY	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING, AS PER PLAN	9
1,960														507	00100	1,960	FT	STEEL PILES HP10X42, FURNISHED	
1,960														507	00150	1,960	FT	STEEL PILES HP10X42, DRIVEN	
2,872														607	98300	2,872	SF	FENCE, MISC.:VANDAL PROTECTION FENCE, SS MESH, AS PER PLAN	9
222														SPECIAL	69098100	222	FT	42" HT. GUARDRAIL, NO INFILL PANEL, AS PER PLAN	9
1														SPECIAL	53000200	LS		STRUCTURES: UNLOADING, ASSEMBLY AND INSTALLATION OF PEDESTRIAN BRIDGE	9
1														SPECIAL	90017000	LS		PREFAB PEDESTRIAN BRIDGE, BASE DESIGN	9
																		INCIDENTALS	
60														202	38001	60	FT	GUARDRAIL REMOVED, AS PER PLAN	9
171														202	23001	171	SY	PAVEMENT REMOVED, AS PER PLAN	9
														614	11001	LS		MAINTAINING TRAFFIC, AS PER PLAN	
														614	12421	LS		DETOUR SIGNING, AS PER PLAN	
														623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
														624	10000	LS		MOBILIZATION	

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SHEET NUM.											PART.			ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
15	34												EXT		TOTAL				
ADD ALTERNATE 1: TREE FORMS ON BRIDGE																			
1														SPECIAL	90017000	LS		MISCELLANEOUS STRUCTURE ALTERNATES	15
ADD ALTERNATE 2: STEEL PLANTERS																			
-56														SPECIAL	69098100	-56	FT	MISCELLANEOUS STRUCTURE ALTERNATES	15
56														SPECIAL	69098100	56	FT		
1														SPECIAL	90017000	LS		STEEL PLANTERS	
ADD ALTERNATE 3: EAST STAIRCASE																			
-9														SPECIAL	69098100	-9	FT	PAVEMENT ALTERNATES	15
9														203	10000	9	CY	EXCAVATION	15
178														203	20000	178	CY	EMBANKMENT	15
59														204	10000	59	SY	SUBGRADE COMPACTION	15
10														304	20000	10	CY	AGGREGATE BASE	15
4														452	09010	4	SY	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	15
	150													511	46211	150	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN	34
240														608	40001	240	FT	CONCRETE STEPS, TYPE A, AS PER PLAN	15
70														SPECIAL	69098100	70	FT	HANDRAIL	15
34														SPECIAL	69098100	34	FT	42" HT. GUARDRAIL	15
2														SPECIAL	69050600	2	EACH	BOLLARD Fixed Bollard	15
ADD ALTERNATE 4: WEST STAIRCASE																			
-9														SPECIAL	69098100	-9	FT	PAVEMENT ALTERNATES	15
8														203	10000	8	CY	EXCAVATION	15
61														203	20000	61	CY	EMBANKMENT	15
174														204	10000	174	SY	SUBGRADE COMPACTION	15
29														304	20000	29	CY	AGGREGATE BASE	15
120														452	09010	120	SY	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	15
	170													511	46211	170	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN	34
234														608	40001	234	FT	CONCRETE STEPS, TYPE A, AS PER PLAN	15
57														SPECIAL	69098100	57	FT	HANDRAIL	15
50														SPECIAL	69098100	50	FT	42" HT. GUARDRAIL	15
1														SPECIAL	69050600	1	EACH	BOLLARD Fixed Bollard	15
ADD ALTERNATE 5: ARCHED TRELLIS																			
2														SPECIAL	90011000	2	EACH	MISCELLANEOUS STRUCTURE ALTERNATES	15

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1 GENERAL PLAN

SCALE: 1" = 10'

LEGEND

P/L

PROPERTY LINE

R/W

RIGHT-OF-WAY LINE

861.50

PROPOSED SPOT ELEVATION

HP 861.50

HIGH POINT ELEVATION

x · x · x · x

REMOVE FENCE

●

REMOVE TREE

TRENCH DRAIN WITH PEDESTRIAN GRATE

PREFABRICATED MODULAR RETAINING WALL
AS PER PLAN

WALL FOOTING

1

22

DESCRIPTION OF ALTERNATES

ALTERNATE NO. 1: TREE FORMS ON BRIDGE
BIDDERS SHALL STATE IN THEIR PROPOSAL THE AMOUNT TO BE ADDED TO THE BASE BID TO INCORPORATE THE ADDITIONAL 'TREE FORMS' AS SHOWN IN PLAN AND DETAILS ON SHEETS 46 AND 48 INTO THE FABRICATION OF THE PEDESTRIAN BRIDGE.

ALTERNATE NO. 2: STEEL PLANTERS
BIDDERS SHALL STATE IN THEIR PROPOSAL THE AMOUNT TO DEDUCT AND ADD TO THE BASE BID FOR THE FABRICATION AND INSTALL STEEL PLANTERS AS SHOWN IN PLAN AND DETAILS ON SHEET 25 AND GUARDRAIL (DEDUCT 42" HT. GUARDRAIL FROM BASE BID WALL EAST-D). PROVIDE 5 TOTAL PLANTERS, INCLUDING FABRICATION AND INSTALLATION, ASSOCIATED ATTACHMENTS AND ITEMS INCIDENTAL TO INSTALL.

ALTERNATE NO. 3: EAST STAIRCASE
BIDDERS SHALL STATE IN THEIR PROPOSAL THE AMOUNT TO DEDUCT AND ADD TO THE BASE BID TO INSTALL THE EAST STAIRCASE, INCLUDING EMBANKMENT/FILL, CONCRETE STEPS, CONCRETE PAVEMENT, RETAINING WALL, GUARDRAIL (DEDUCT 42" HT. GUARDRAIL FROM BASE BID WALL EAST-D), HANDRAIL, BOLLARDS, AND ASSOCIATED INFRASTRUCTURE AS INDICATED AND DETAILED ON THE PLANS. REFER TO PLAN SHEETS 15, 24, 37, AND 38.

ALTERNATE NO. 4: WEST STAIRCASE
BIDDERS SHALL STATE IN THEIR PROPOSAL THE AMOUNT TO DEDUCT AND ADD TO THE BASE BID TO THE WEST STAIRCASE, INCLUDING EMBANKMENT/FILL, CONCRETE STEPS, CONCRETE PAVEMENT, RETAINING WALL, GUARDRAIL (DEDUCT 42" HT. GUARDRAIL FROM BASE BID WALL WEST-D), HANDRAIL, BOLLARD, AND ASSOCIATED INFRASTRUCTURE AS INDICATED AND DETAILED ON THE PLANS. REFER TO PLAN SHEETS 15, 23, AND 36.

ALTERNATE NO. 5: ARCHED TRELLIS
BIDDERS SHALL STATE IN THEIR PROPOSAL THE AMOUNT TO BE ADDED TO THE BASE BID TO INSTALL THE ARCHED TRELLIS AS DETAILED ON PLAN SHEETS 26 AND 27. PROVIDE TWO TOTAL, ONE ON EACH APPROACH TO BRIDGE, INCLUDING FABRICATION AND INSTALLATION, ASSOCIATED FOUNDATIONS AND ATTACHMENTS AND ITEMS INCIDENTAL TO INSTALL.

15

51

LUC-RIVERSIDE TRAIL EAST

MAIN STREET ENLARGEMENT PLAN (ADD ALTERNATES)
RIVERSIDE TRAIL EAST OVER MAIN STREET

CALCULATED
JY

CHECKED
JY

0

5

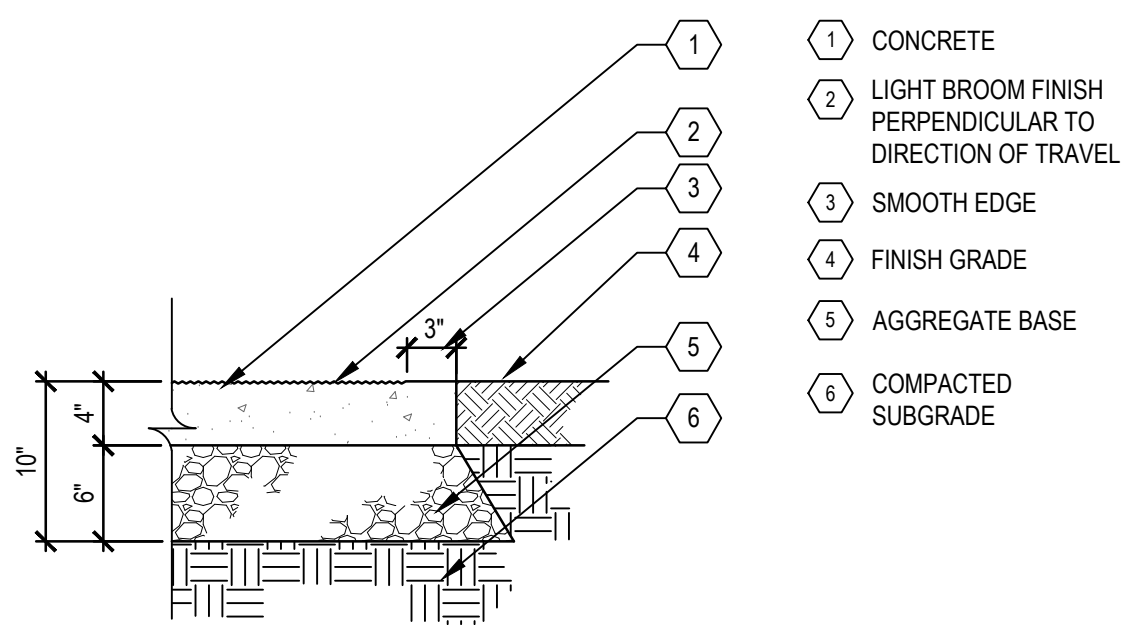
10

20

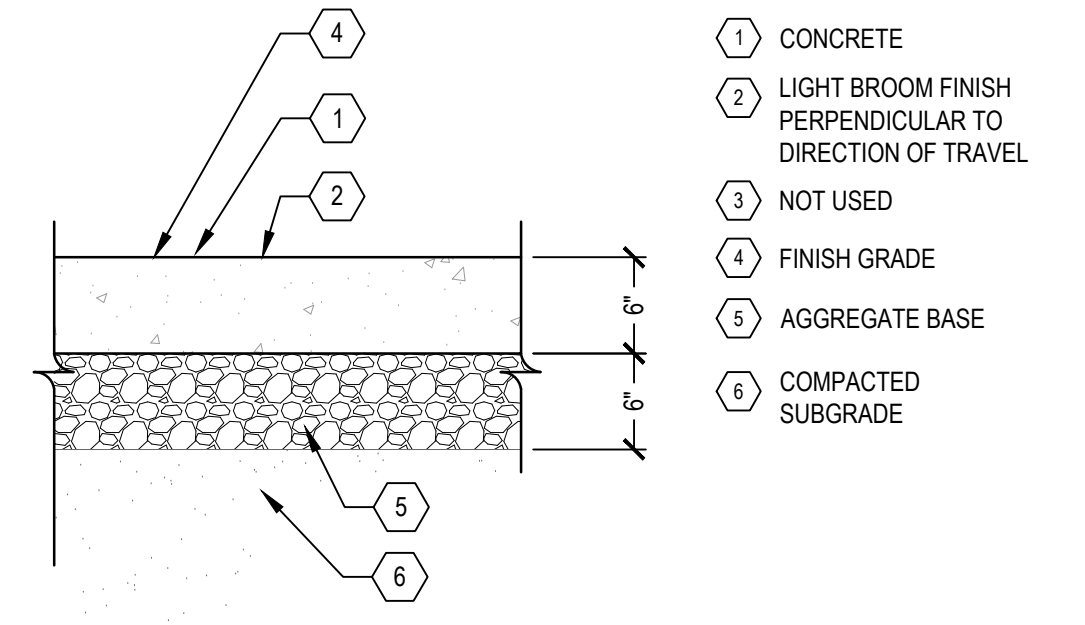
HORIZONTAL
SCALE IN FEET

1 CONCRETE JOINTING ENLARGEMENT

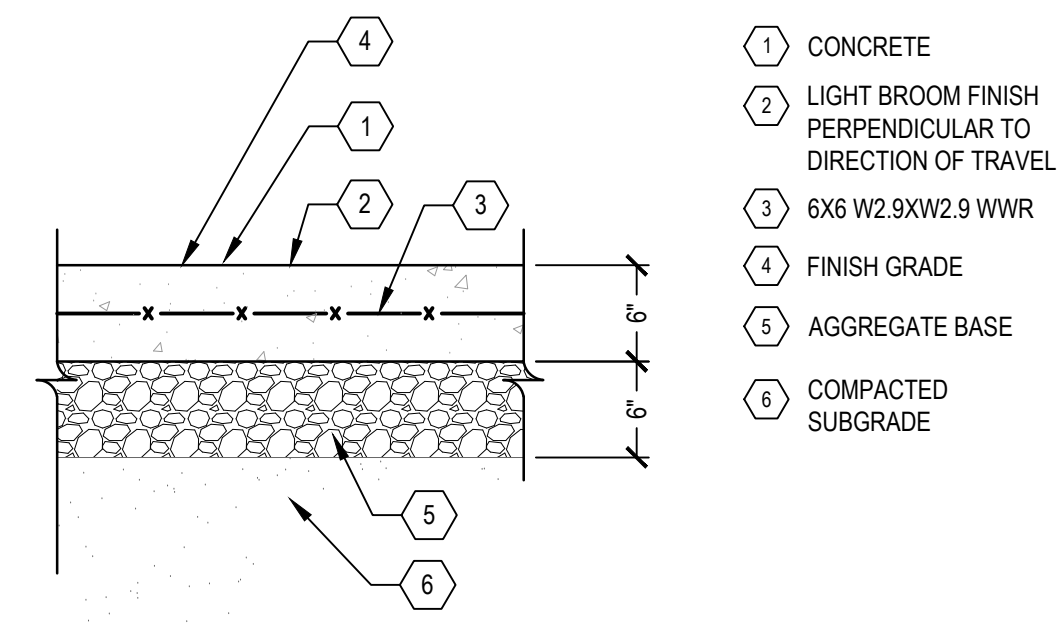
SCALE: 1" = 10'



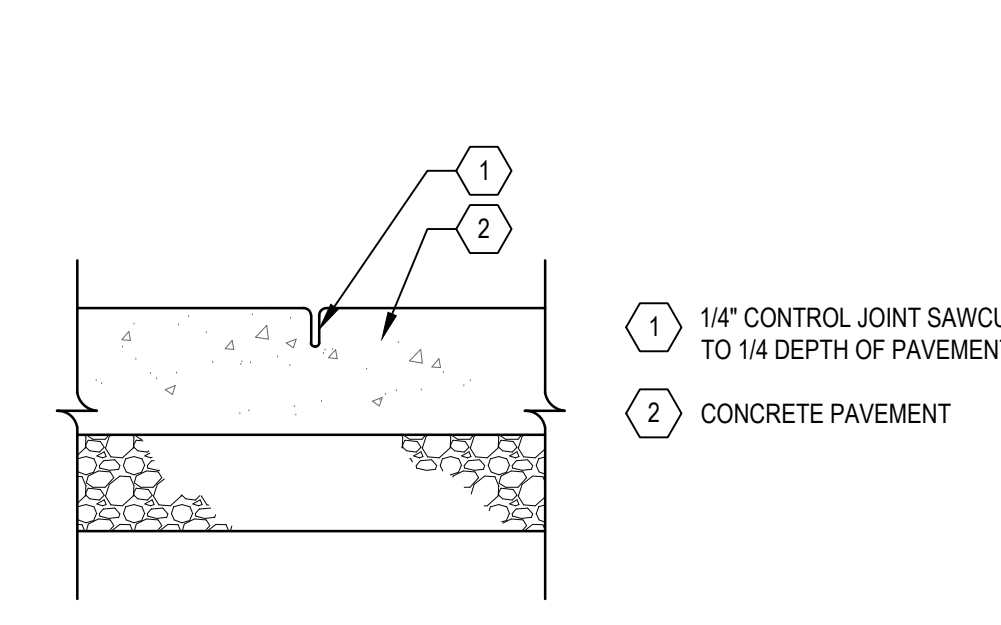
2 4 IN NON-REINFORCED CONCRETE PAVEMENT CLASS QC 1P
SCALE: 1" = 1'



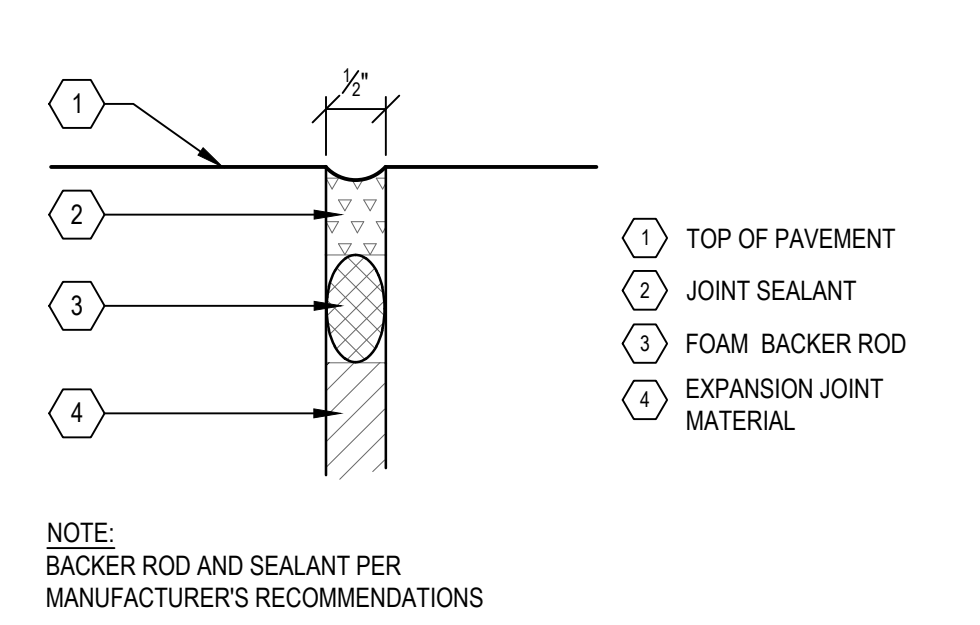
3 6 IN NON-REINFORCED CONCRETE PAVEMENT CLASS QC 1P
SCALE: 1" = 1'



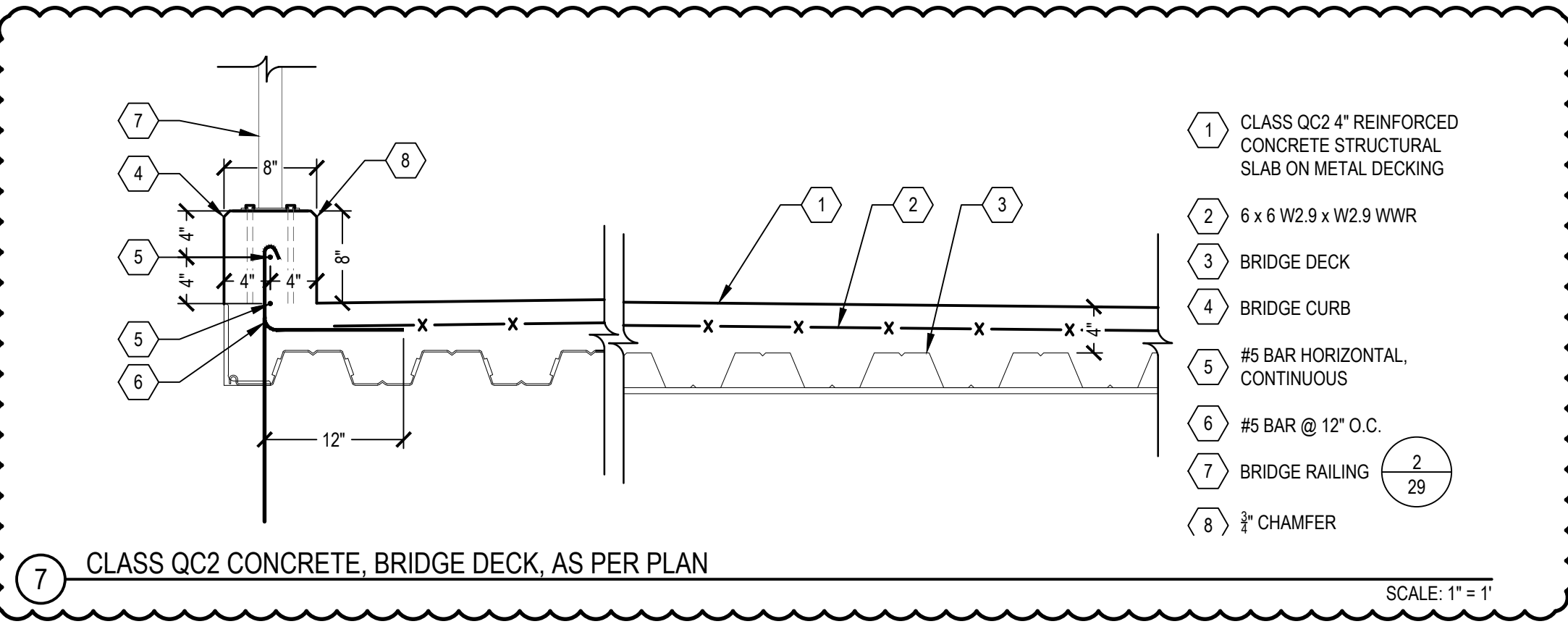
4 6 IN REINFORCED CONCRETE PAVEMENT CLASS QC 1P
SCALE: 1" = 1'



5 CONTROL JOINT
SCALE: 1" = 1'



6 EXPANSION JOINT
SCALE: 1" = 1'



7 CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN
SCALE: 1" = 1'

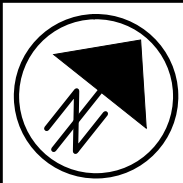
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1 GENERAL PLAN OF STRUCTURE

SCALE: 1"= 10'

MAIN STREET

PEDESTRIAN BRIDGE



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HORIZONTAL
SCALE IN FEET

CALCULATED
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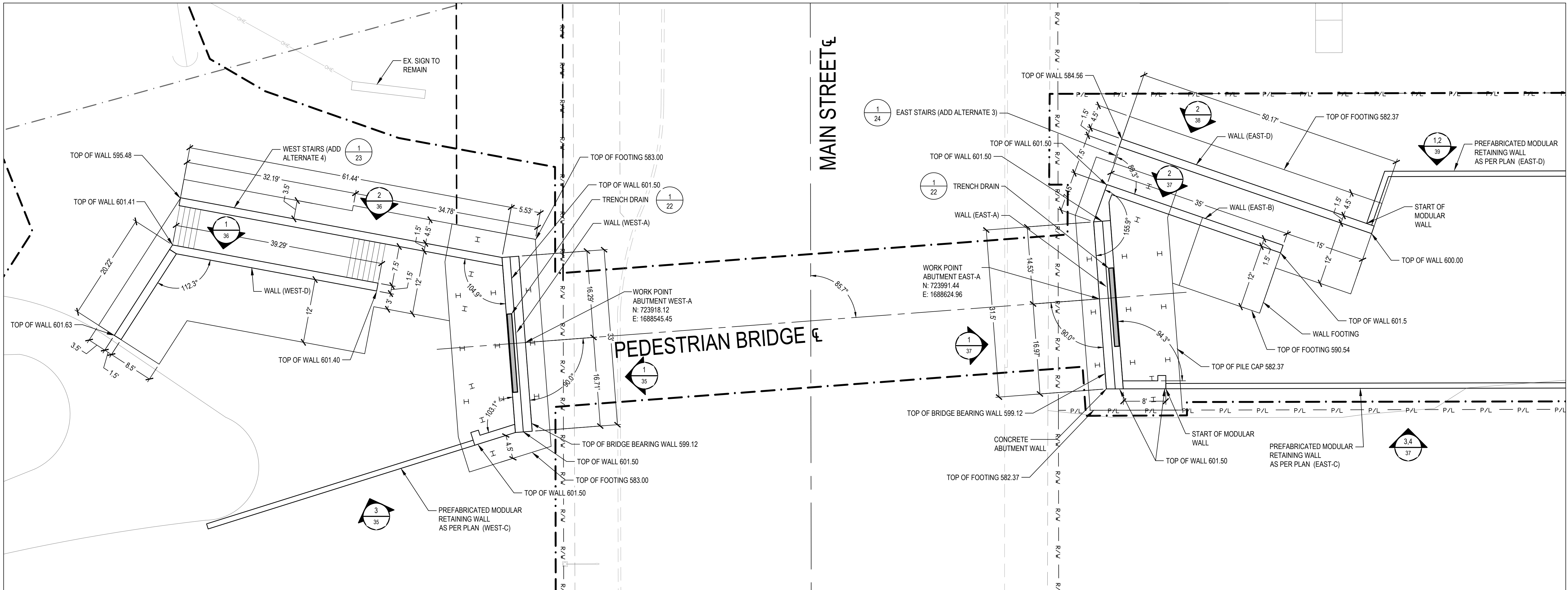
PEDESTRIAN BRIDGE PLAN OF STRUCTURE

LUC-RIVERSIDE TRAIL EAST

33
51

QUANTITIES SUBSUMMARY

ITEM	ITEM EXT	DESCRIPTION	QTY	UNITS
203	35110	ROADWAY, MISC: GEOFOAM FILL		
		WALL WEST-A	115	CY
		WALL EAST-A	145	CY
		TOTAL CARRIED OVER TO GENERAL SUMMARY	260	CY
509	10000	EPOXY COATED REINFORCING STEELFOR ITEM 511 CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN. <i>(PAID FOR AS PART OF ITEM 511 CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN)</i>		
		WALL WEST-C	1,270	POUND
		WALL WEST-D	21,200	POUND
		WALL EAST-C	1,570	POUND
		WALL EAST-D	19,625	POUND
		SUBTOTAL	43,665	POUND
511	46211	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN		
		WALL WEST-C	10	CY
		WALL WEST-D	135	CY
		WALL EAST-C	10	CY
		WALL EAST-D	125	CY
		TOTAL CARRIED OVER TO GENERAL SUMMARY	280	CY
509	10000	EPOXY COATED REINFORCING STEELFOR ITEM 511 CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING, AS PER PLAN. <i>(PAID FOR AS PART OF ITEM 511 CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING, AS PER PLAN)</i>		
		WALL WEST-A	19,500	POUND
		WALL EAST-A	19,800	POUND
		SUBTOTAL	39,300	POUND
511	43511	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING, AS PER PLAN		
		WALL WEST-A	124	CY
		WALL EAST-A	126	CY
		TOTAL CARRIED OVER TO GENERAL SUMMARY	250	CY
511	10001	PREFABRICATED MODULAR RETAINING WALL, AS PER PLAN		
		WEST-C	450	CY
		EAST-C	1,505	CY
		EAST-D	1,287	CY
		TOTAL CARRIED OVER TO GENERAL SUMMARY	3,242	CY



1 GENERAL PLAN OF STRUCTURE ADD ALTERNATE

SCALE: 1" = 10'

PEDESTRIAN BRIDGE PLAN OF STRUCTURE
(ADD ALTERNATES)

LUC-RIVERSIDE TRAIL EAST

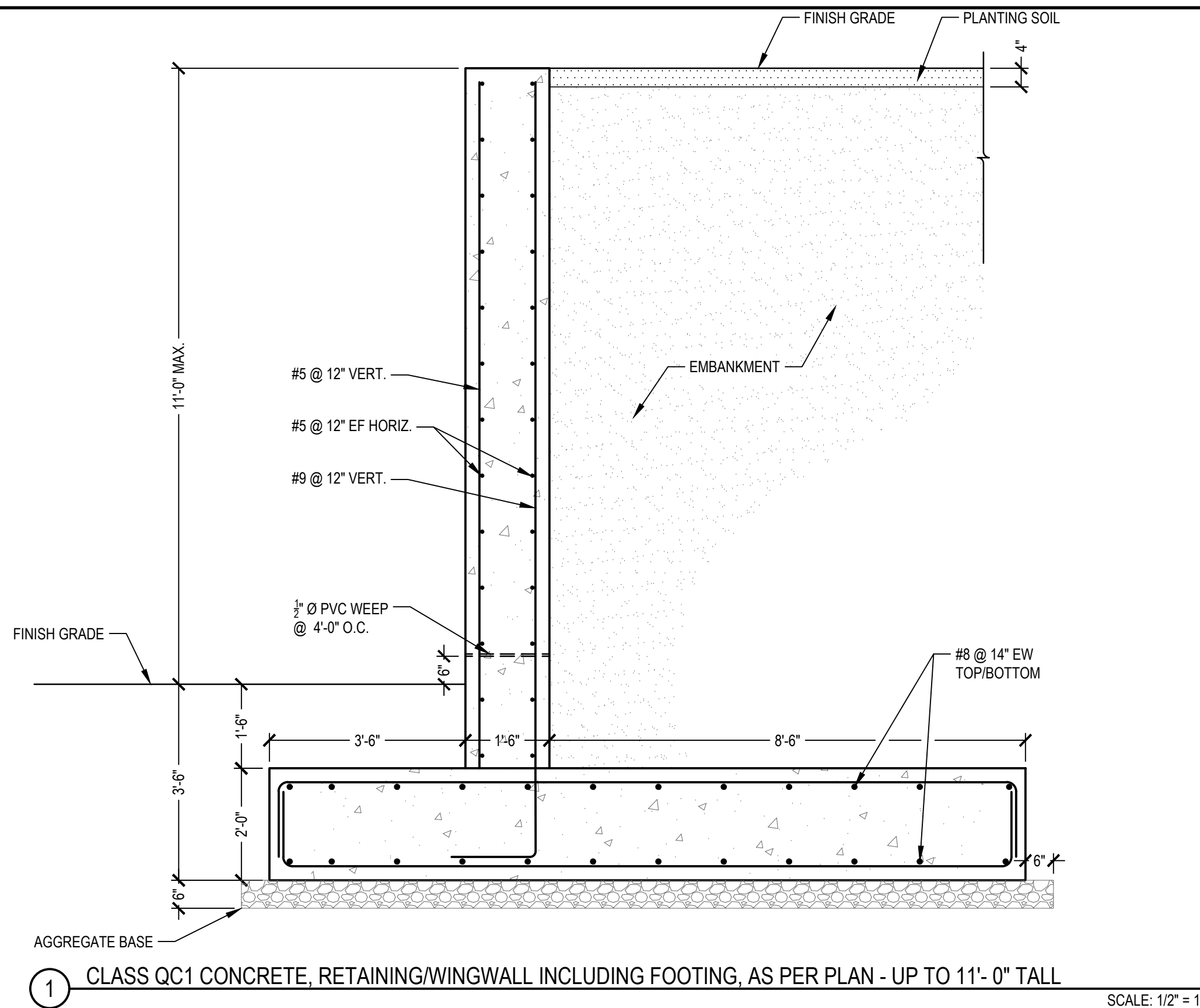
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HORIZONTAL
SCALE IN FEET

QUANTITIES SUBSUMMARY

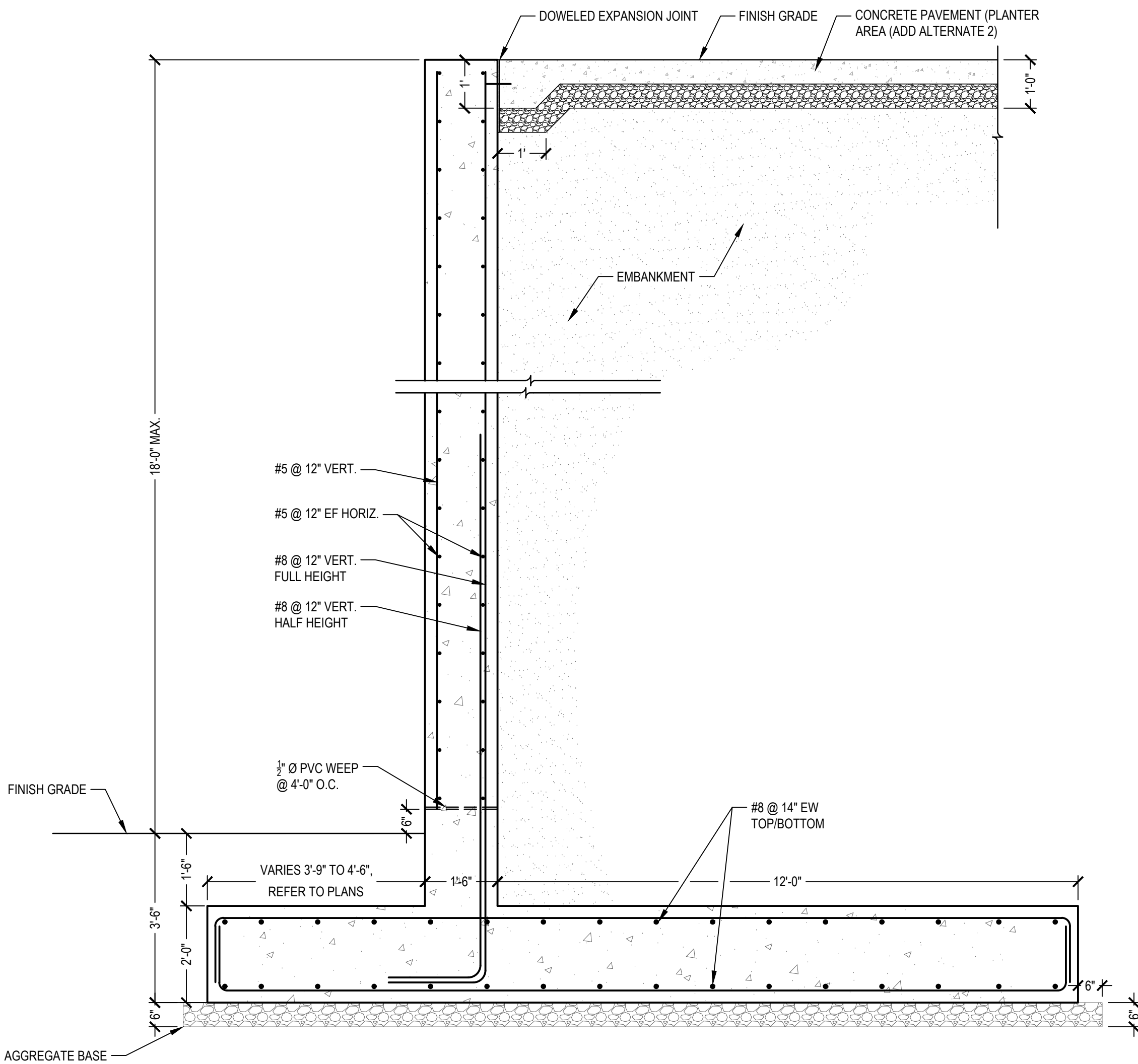
ITEM	ITEM EXT	ITEM DESCRIPTION	QTY	UNITS
ALTERNATE 3				
509	10000	EPOXY COATED REINFORCING STEELFOR ITEM 511 CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING, AS PER PLAN. <i>[PAID FOR AS PART OF ITEM 511 CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN]</i>		
		WALL EAST-B	6,280	POUND
		WALL EAST-D	17,270	POUND
		SUBTOTAL	23,550	POUND
511	46211	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN		
		WALL EAST-B	40	CY
		WALL EAST-D	110	CY
		TOTAL CARRIED OVER TO GENERAL SUMMARY	150	CY
ALTERNATE 4				
509	10000	EPOXY COATED REINFORCING STEELFOR ITEM 511 CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING, AS PER PLAN. <i>[PAID FOR AS PART OF ITEM 511 CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN]</i>		
		WALL WEST-B	6,280	POUND
		WALL WEST-D	20,500	POUND
		SUBTOTAL	26,780	POUND
511	46211	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN.		
		WALL WEST-B	40	CY
		WALL WEST-D	130	CY
		TOTAL CARRIED OVER TO GENERAL SUMMARY	170	CY

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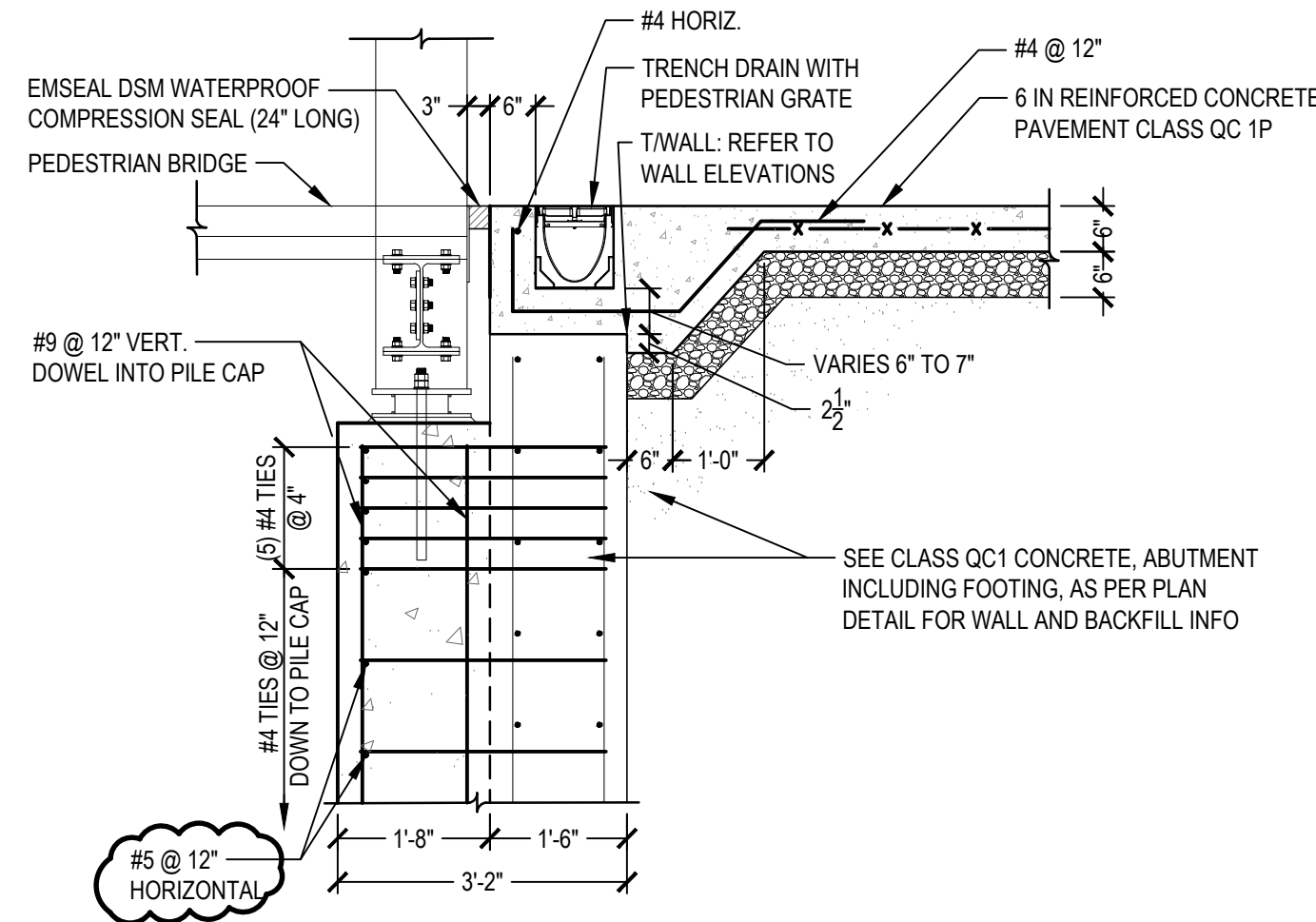
1 CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN - UP TO 11'-0" TALL

SCALE: 1/2" = 1'



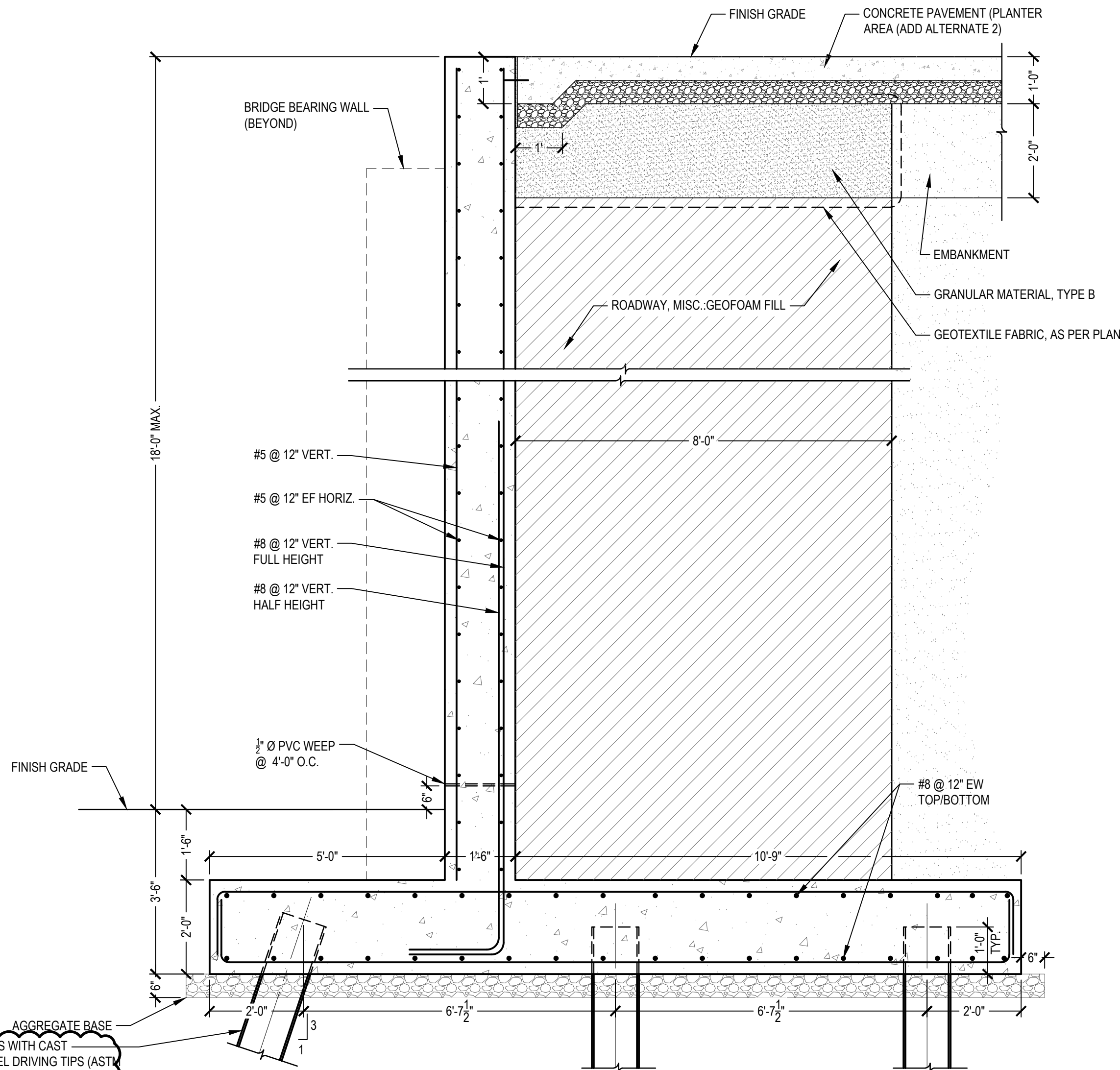
3 CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN - UP TO 18'-0" HIGH

SCALE: 1/2" = 1'



2 BRIDGE BEARING DETAIL

SCALE: 1/2" = 1'



4 CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING, AS PER PLAN

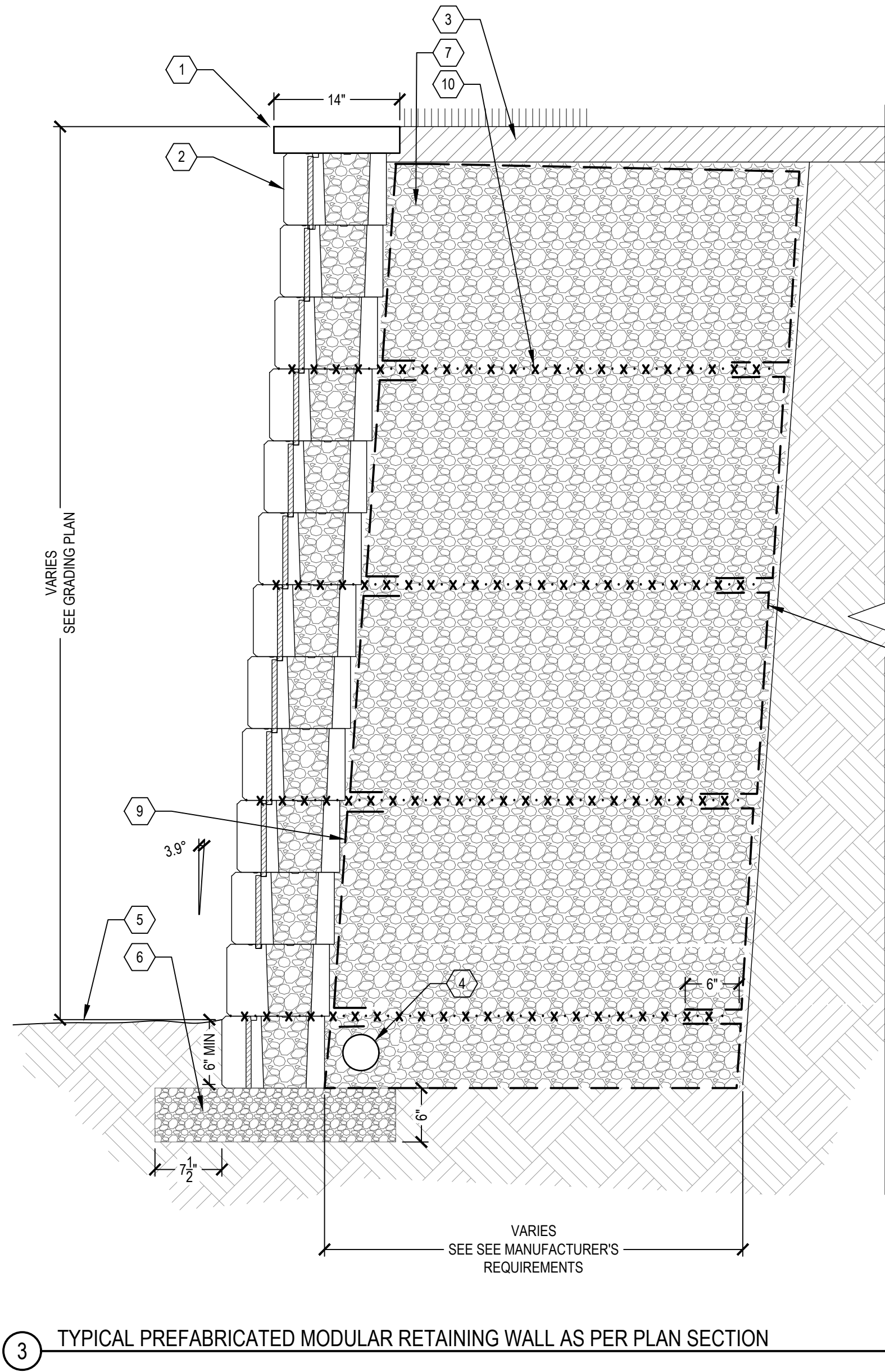
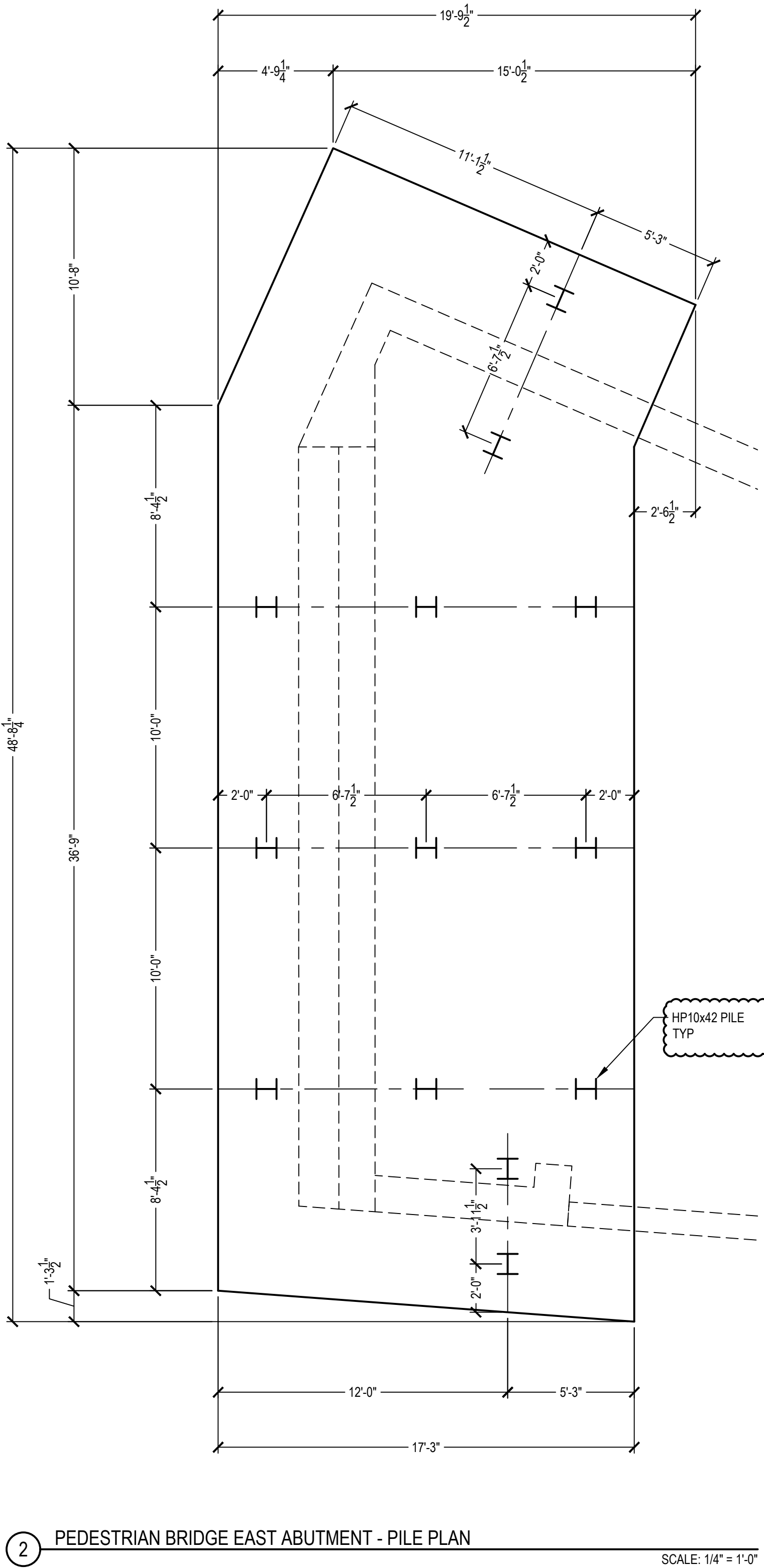
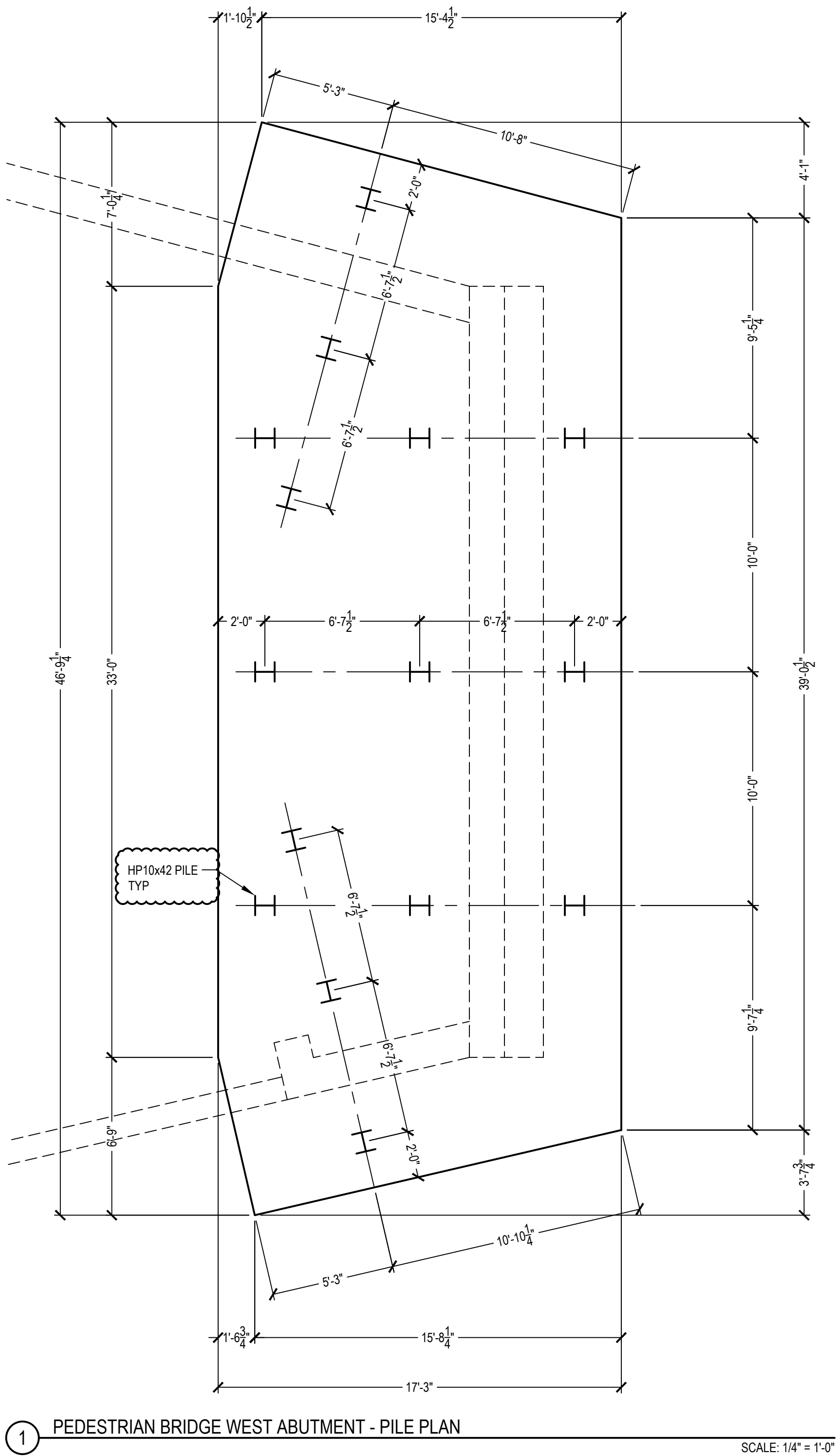
SCALE: 1/2" = 1'

CALCULATED
JY
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JR

WALL SECTIONS 6

LUC-RIVERSIDE TRAIL EAST

40
51



- NOTES:
1. PLACE GEOGRID IN SECOND COURSE FROM BOTTOM, THEN EVERY THIRD COURSE, OR AS SPECIFIED BY WALL BLOCK MANUFACTURER.
 2. GEOGRID PRODUCT TO BE AS SPECIFIED BY WALL BLOCK MANUFACTURER.
 3. EXTENT OF POROUS BACKFILL AND LENGTH OF GEOGRID TO BE AS SPECIFIED BY MANUFACTURER BASED ON WALL HEIGHT.
 4. PLACE NON-WOVEN GEOTEXTILE BEHIND BLOCK WALL AND END OF GEOTEXTILE AS SHOWN. PROVIDE A MINIMUM LAP OF 6" AT TOP AND BOTTOM.
 5. AGGREGATE BASE SIZE AND MATERIAL TO BE AS SPECIFIED BY WALL BLOCK MANUFACTURER.
 6. MANUFACTURERS:
A. TECO BLOC
B. UNILOCK
C. BELGARD COMMERCIAL
OR ODOT APPROVED EQUAL MANUFACTURER
- SUBMIT COLOR AND MATERIAL SAMPLES TO OWNER FOR APPROVAL PRIOR TO MATERIAL ORDER AND INSTALL.
SUBMIT SEALED SHOP DRAWINGS OF ALL SEGMENTAL WALLS.

- 1 RAFFINATO 60 MM CAP FROM TECO-BLOC
- 2 G-FORCE BLOCK FROM TECO-BLOC
- 3 TOPSOIL FURNISHED AND PLACED, AS PER PLAN TOPSOIL
- 4 6" BASE PIPE UNDERDRAIN WITH GEOTEXTILE FABRIC
- 5 FINISH GRADE
- 6 AGGREGATE BASE
- 7 POROUS BACKFILL WITH GEOTEXTILE FABRIC, AS PER PLAN
- 8 COMPACTED SUBGRADE
- 9 NON-WOVEN GEOTEXTILE FABRIC, AS PER PLAN
- 10 GEOGRID, AS PER PLAN

NOTE:
1. FOR INSTALLATION, REFER TO MANUFACTURER'S GUIDELINES.
2. REFER TO PAGES 37 AND 38 FOR STONE WALL ELEVATIONS.

PROPOSAL

BID PROPOSAL FORM

TO: Metropolitan Park District of the Toledo Area
5100 West Central Avenue, Toledo, OH 43615

BID PROPOSAL

Pursuant to the advertisement for bids for **Metroparks Toledo – Riverside Trail East**, the undersigned having familiarized themselves with the local conditions affecting the cost of the work and with the Contract Documents, including Notice to Bidders, Instructions to Bidders, Bid Form, Contract Form, Form of Bonds, Plans, Specifications, Affidavits, Exhibits, and Addenda issued and attached to the specifications on file in the office of the Metropolitan Park District of the Toledo Area, hereby proposes to perform everything required to be performed and to provide and furnish all the labor, materials, necessary tools, expendable equipment, insurance, utilities, transportation and other services necessary to perform all of the work required for the completion of the Project component identified below, in accordance with the Plans, Specifications and Addenda Nos. _____ issued thereto:

BASE BID:

This bid is for the BASE BID component of the Project: **Metroparks Toledo – Riverside Trail East**, The BASE BID amount for all work for this component, as shown on the drawings and specifications, shall be completed for:

THE TOTAL BASE BID AMOUNT _____ Dollars

(\$ _____).

BID PROPOSAL FORM - continued

BASE BID UNIT PRICES: Basis of payment for construction work.

The following unit prices are submitted as basis of payment for ODOT pay items related to this Congestion Mitigation and Air Quality (CMAQ) – grant funded work. The unit price shall be complete including all labor, materials, necessary tools, expendable equipment, insurance, utilities, transportation, and other services necessary to perform the work required for completion of said construction.

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
EROSION CONTROL					
201E11000	CLEARING AND GRUBBING	1	LS	\$	\$
832E30000	EROSION CONTROL	2,500	EA	\$	\$
832E15000	STORM WATER POLLUTION PREVENTION PLAN	1	LS	\$	\$
TOTAL EROSION CONTROL				\$	
DRAINAGE					
605E14000	6" BASE PIPE UNDERDRAINS	324	FT	\$	\$
611E00100	4" CONDUIT, TYPE B	60	FT	\$	\$
611E04900	12" CONDUIT, TYPE B	55	FT	\$	\$
611E98651	CATCH BASIN, FRAME AND GRATE, AS PER PLAN	1	EA	\$	\$
839E30100	TRENCH DRAIN WITH PEDESTRIAN GRATE	30	FT	\$	\$
611E98631	CATCH BASIN, ADJUSTED TO GRADE, AS PER PLAN	2	EA	\$	\$
TOTAL DRAINAGE				\$	
PAVEMENT					
203E10000	EXCAVATION	2144	CY	\$	\$
203E20000	EMBANKMENT	3045	CY	\$	\$
203E35110	GRANULAR MATERIAL, TYPE B	930	CY	\$	\$
204E10000	SUBGRADE COMPACTION	5792	SY	\$	\$
204E45000	PROOFROLLING	8	HR	\$	\$
204E50001	GEOTEXTILE FABRIC, AS PER PLAN	58	SY	\$	\$
203E98000	GEOFOAM FILL	260	CY	\$	\$
304E20000	AGGREGATE BASE	1488	CY	\$	\$
407E10001	TACK COAT, AS PER PLAN	175	GAL	\$	\$

BID PROPOSAL FORM - continued

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
410E14001	TRAFFIC COMPACTED SURFACE, AS PER PLAN	73	CY	\$	\$
441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	122	CY	\$	\$
441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22	171	CY	\$	\$
451E10010	6" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	100	SY	\$	\$
452E09010	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	380	SY	\$	\$
452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	148	SY	\$	\$
SPECIAL 607E40000	VANDAL PROTECTION FENCE, SS MESH, AS PER PLAN	200	SF	\$	\$
SPECIAL 690E98100	42" HT. GUARDRAIL	322	FT	\$	\$
SPECIAL 690E50600	BOLLARD, FIXED BOLLARD	5	EA	\$	\$
TOTAL PAVEMENT				\$	
LANDSCAPING					
659E00301	TOPSOIL, AS PER PLAN	467	CY	\$	\$
659E10001	SEEDING AND MULCHING, AS PER PLAN, LOW-MOW FESCUE SEED MIX	1310	SY	\$	\$
659E15000	INTER-SEEDING	66	SY	\$	\$
659E31000	LIME	0.27	ACRE	\$	\$
659E20000	COMMERCIAL FERTILIZER	0.18	TON	\$	\$
659E35000	WATER	8	MGAL	\$	\$
TOTAL LANDSCAPE				\$	

BID PROPOSAL FORM – continued

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
RETAINING WALLS					
511E46211	CLASS QC1 CONCRETE, RETAINING/WINGWALL, INCLUDING FOOTING, AS PER PLAN	280	CY	\$	\$
870E10001	PREFABRICATED MODULAR RETAINING WALL, AS PER PLAN	3242	SF	\$	\$
518E21201	POROUS BACKFILL WITH GEOTEXTILE FABRIC, AS PER PLAN	110	CY	\$	\$
TOTAL RETAINING WALLS				\$	
STRUCTURE OVER 20 FOOT SPAN					
511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN	43	CY	\$	\$
511E43511	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING, AS PER PLAN	250	CY	\$	\$
507E00100	STEEL PILES MISC., HP 10x42, FURNISHED	1960	LF	\$	\$
507E00150	STEEL PILES MISC., HP 10x42, DRIVEN	1960	LF	\$	\$
607E98300	VANDAL PROTECTION FENCE, SS MESH, AS PER PLAN	2872	SF	\$	\$
SPECIAL 690E98100	42" HT. GUARDRAIL, NO INFILL PANEL, AS PER PLAN	222	FT	\$	\$
SPECIAL 530E00200	STRUCTURES, UNLOADING, ASSEMBLY AND INSTALLATION OF PEDESTRIAN BRIDGE	1	LS	\$	\$
SPECIAL 900E11000	PREFAB PEDESTRIAN BRIDGE, BASE DESIGN	1	LS	\$	\$
TOTAL STRUCTURE OVER 20 FOOT SPAN				\$	

BID PROPOSAL FORM – continued

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
INCIDENTALS					
202E38001	GUARDRAIL REMOVED, AS PER PLAN	60	FT	\$	\$
202E23001	PAVEMENT REMOVED, AS PER PLAN	171	SY	\$	\$
614E11001	MAINTAINING TRAFFIC, AS PER PLAN	1	LS	\$	\$
614E12421	DETOUR SIGNING, AS PER PLAN	1	LS	\$	\$
623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$	\$
624E10000	MOBILIZATION	1	LS	\$	\$
TOTAL INCIDENTALS				\$	
TOTAL BASE BID (TO EQUAL BASE BID)				\$	

The work shall be completed by (date) _____, in accordance with the Instructions to Bidders.

Accompanying this proposal is a (___) certified check, (___) cashier's check, (___) irrevocable letter of credit, (___) surety bond in the amount of:

_____ payable to the Metropolitan Park District of the Toledo Area which is to be forfeited to same if the undersigned fails to execute the contract in conformity with the Contract Form incorporated in the Contract Documents and furnish bond as specified within ten (10) days after notification of the award of contract to the undersigned.

BID PROPOSAL FORM – continued

ALTERNATE ONE: ADD TREE FORMS ON BRIDGE

This bid is for the ALTERNATE ONE component of the Project: **LUC – Riverside Trail East – PID 107480**. The ALTERNATE ONE amount for all work for this component, as shown on the drawings and specifications, shall be completed for:

THE TOTAL ALTERNATE ONE AMOUNT _____ Dollars

(\$ _____).

ALTERNATE ONE: ADD TREE FORMS ON BRIDGE

ALTERNATE ONE UNIT PRICES: Basis of payment for construction work.

The following unit prices are submitted as basis of payment for ODOT pay items related to this Congestion Mitigation and Air Quality (CMAQ) – grant funded work. The unit price shall be complete including all labor, materials, necessary tools, expendable equipment, insurance, utilities, transportation, and other services necessary to perform the work required for completion of said construction.

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
SPECIAL 900E17000	PREFAB PEDESTRIAN BRIDGE, TREE FORMS	1	LUMP	\$	\$
TOTAL ALTERNATE ONE (TO EQUAL ALTERNATE ONE BID)				\$	

BID PROPOSAL FORM – continued

ALTERNATE TWO: ADD STEEL PLANTERS ON BRIDGE

This bid is for the ALTERNATE TWO component of the Project: **LUC – Riverside Trail East – PID 107480**. The ALTERNATE TWO amount for all work for this component, as shown on the drawings and specifications, shall be completed for:

THE TOTAL ALTERNATE TWO AMOUNT _____ Dollars

(\$ _____).

ALTERNATE TWO: ADD STEEL PLANTERS ON BRIDGE

ALTERNATE TWO UNIT PRICES: Basis of payment for construction work.

The following unit prices are submitted as basis of payment for ODOT pay items related to this Congestion Mitigation and Air Quality (CMAQ) – grant funded work. The unit price shall be complete including all labor, materials, necessary tools, expendable equipment, insurance, utilities, transportation, and other services necessary to perform the work required for completion of said construction.

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
DEDUCT					
690E98100	42" HT. GUARDRAIL	-56	FEET	\$	\$
ADD					
690E98100	66" HT. GUARDRAIL	56	FEET	\$	\$
SPECIAL 900E17000	STEEL PLANTERS	1	LUMP	\$	\$
TOTAL ALTERNATE TWO (TO EQUAL ALTERNATE TWO BID)					
				\$	

BID PROPOSAL FORM – continued

ALTERNATE THREE: ADD EAST STAIRCASE TO BRIDGE

This bid is for the ALTERNATE THREE component of the Project: **LUC – Riverside Trail East – PID 107480**. The ALTERNATE THREE amount for all work for this component, as shown on the drawings and specifications, shall be completed for:

THE TOTAL ALTERNATE THREE AMOUNT _____ Dollars

(\$ _____).

ALTERNATE THREE: ADD EAST STAIRCASE TO BRIDGE

ALTERNATE THREE UNIT PRICES: Basis of payment for construction work.

The following unit prices are submitted as basis of payment for ODOT pay items related to this Congestion Mitigation and Air Quality (CMAQ) – grant funded work. The unit price shall be complete including all labor, materials, necessary tools, expendable equipment, insurance, utilities, transportation, and other services necessary to perform the work required for completion of said construction.

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
DEDUCT					
690E98100	42" HT. GUARDRAIL	-9	FT	\$()	\$()
ADD					
203E10000	EXCAVATION	9	CY	\$	\$
203E20000	EMBANKMENT	178	CY	\$	\$
204E10000	SUBGRADE COMPACTION	59	SY	\$	\$
304E20000	AGGREGATE BASE	10	CY	\$	\$
452E09010	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	4	SY	\$	\$
511E46211	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN	150	CY	\$	\$
608E40001	CONCRETE STEPS, TYPE A, AS PER PLAN	240	FT	\$	\$
690E98100	HANDRAIL	70	FT	\$	\$
690E98100	42" HT. GUARDRAIL	34	FT	\$	\$

BID PROPOSAL FORM – continued

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
690E98100	66" HT. GUARDRAIL	38	FT	\$	\$
SPECIAL 690E50600	BOLLARD, FIXED BOLLARD	2	EA	\$	\$
TOTAL ALTERNATE THREE (TO EQUAL ALTERNATE THREE BID)				\$	

ALTERNATE FOUR: ADD WEST STAIRCASE TO BRIDGE

This bid is for the ALTERNATE FOUR component of the Project: **LUC – Riverside Trail East – PID 107480**. The ALTERNATE FOUR amount for all work for this component, as shown on the drawings and specifications, shall be completed for:

THE TOTAL ALTERNATE FOUR AMOUNT _____ Dollars

(\$ _____).

ALTERNATE FOUR: ADD WEST STAIRCASE TO BRIDGE**ALTERNATE FOUR UNIT PRICES: Basis of payment for construction work.**

The following unit prices are submitted as basis of payment for ODOT pay items related to this Congestion Mitigation and Air Quality (CMAQ) – grant funded work. The unit price shall be complete including all labor, materials, necessary tools, expendable equipment, insurance, utilities, transportation, and other services necessary to perform the work required for completion of said construction.

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
DEDUCT					
690E98100	42" HT. GUARDRAIL	-9	FT	\$()	\$()
ADD					
203E10000	EXCAVATION	8	CY	\$	\$
203E20000	EMBANKMENT	61	CY	\$	\$
204E10000	SUBGRADE COMPACTION	174	SY	\$	\$

BID PROPOSAL FORM – continued

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
304E20000	AGGREGATE BASE	29	CY	\$	\$
452E09010	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	120	SY	\$	\$
511E46211	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN	170	CY	\$	\$
608E40001	CONCRETE STEPS, TYPE A, AS PER PLAN	234	FT	\$	\$
690E98100	HANDRAIL	57	FT	\$	\$
690E98100	42" HT. GUARDRAIL	50	FT	\$	\$
690E98100	66" HT. GUARDRAIL	18	FT	\$	\$
SPECIAL 690E50600	BOLLARD, FIXED BOLLARD	1	EA	\$	\$
TOTAL ALTERNATE FOUR (TO EQUAL ALTERNATE FOUR BID				\$	

BID PROPOSAL FORM – continued

ALTERNATE FIVE: ADD ARCHED TRELLIS

This bid is for the ALTERNATE FIVE component of the Project: **LUC – Riverside Trail East – PID 107480**. The ALTERNATE FIVE amount for all work for this component, as shown on the drawings and specifications, shall be completed for:

THE TOTAL ALTERNATE FIVE AMOUNT _____ Dollars

(\$ _____).

ALTERNATE FIVE: ADD ARCHED TRELLIS

ALTERNATE FIVE UNIT PRICES: Basis of payment for construction work.

The following unit prices are submitted as basis of payment for ODOT pay items related to this Congestion Mitigation and Air Quality (CMAQ) – grant funded work. The unit price shall be complete including all labor, materials, necessary tools, expendable equipment, insurance, utilities, transportation, and other services necessary to perform the work required for completion of said construction.

ITEM #	DESCRIPTION	QTY	UNIT	PRICE PER UNIT	TOTAL
SPECIAL 900E11000	ARCHED TRELLIS	2	EA	\$	\$
TOTAL ALTERNATE FIVE (TO EQUAL ALTERNATE FIVE BID)				\$	