



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

November 15, 2018

Addendum No. 1

RE: Contract # C204175

WBS # 45901.3.1

F. A. # NHPIM-0040 (073)

Forsyth County (I-5952)

I-40 From SR-1101 (Harper Road) In Clemmons To East Of
US-421/I-40 Business In Winston-Salem

November 20, 2018 Letting

To Whom It May Concern:

Reference is made to the plans and proposal form furnished to you on this project.

The following revisions have been made to the Roadway plans:

Sheet No.	Revisions
2A-1	Revised the typical section to show the Double Faced Concrete Median Barrier keyed into the asphalt layers
New 2C-3 and 2C-4	New sheets to include details about the median hazard protection for existing overhead sign location and existing bridge pier location

Please void Sheet No. 2A-1 in your plans and staple the revised sheet thereto. Please staple New Sheet Nos. 2C-3 and 2C-4 after existing Sheet No. 2C-2.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 11-15-2018"
R-6	Added two notes under Table 610-5 and corrected the note under Table 610-6
R-8	Revised to add the project special provision entitled "Median Hazard Protection".

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

Website: www.ncdot.gov

I-5952 (C204175)

Forsyth County

Please void the above listed pages and staple the revised pages thereto.

On the item sheets the following pay item has been added:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
072-275900000-N- SP	Median Hazard Protection	NEW ITEM	1 EA

The Contractor's bid must include this new pay item.

The Expedite File has been updated to reflect this revision. Please download the Expedite Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

The contract will be prepared accordingly.

Sincerely,

DocuSigned by:

F81B6038A47A442...
Ronald E. Davenport, Jr., PE
State Contract Officer

RED/jag
Attachments

cc: Mr. Lamar Sylvester, PE
Mr. Pat Ivey, PE
Mr. Ron Hancock, PE
Mr. Jon Weathersbee, PE
Mr. Ken Kennedy, PE
Ms. Lori Strickland
Project File (2)

Mr. Ray Arnold, PE
Ms. Jaci Kincaid
Mr. Mike Gwyn
Mr. Alex Foster
Ms. Penny Higgins
Mr. Mitchell Dixon

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No. 1 DATED 11-15-2018

DATE AND TIME OF BID OPENING: **NOVEMBER 20, 2018 AT 2:00 PM**

CONTRACT ID C204175
WBS 45901.3.1

FEDERAL-AID NO. NHPIM-0040(073)

COUNTY FORSYTH

T.I.P. NO. I-5952

MILES 6.226

ROUTE NO. I 40

LOCATION I-40 FROM SR-1101 (HARPER RD) IN CLEMMONS TO EAST OF US-421/
I-40 BUS IN WINSTON-SALEM.

TYPE OF WORK DRAINAGE, CONC MEDIAN BARRIER, AND PAVEMENT REHABILITATION.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

Page 6-19, Table 610-5, BINDER GRADE REQUIREMENTS (BASED ON RBR%), replace with the following:

**TABLE 610-5
BINDER GRADE REQUIREMENTS (BASED ON RBR%)**

Mix Type	%RBR ≤ 20%	21% ≤ %RBR ≤ 30%	%RBR > 30%
S4.75A, S9.5B, S9.5C, I19.0C, B25.0C	PG 64-22	PG 64-22 ^A	PG 58-28
S9.5D, OGFC	PG 76-22 ^B	n/a	n/a

- A. If the mix contains any amount of RAS, the virgin binder shall be PG 58-28.
- B. Maximum Recycled Binder Replacement (%BSR) is 18% for mixes using PG 76-22 binder.

Page 6-20, Table 610-6, PLACEMENT TEMPERATURES FOR ASPHALT, replace with the following:

**TABLE 610-6
PLACEMENT TEMPERATURES FOR ASPHALT**

Asphalt Concrete Mix Type	Minimum Surface and Air Temperature
B25.0C	35°F
I19.0C	35°F
S4.75A, S9.5B, S9.5C	40°F ^A
S9.5D	50°F

- A. For the final layer of surface mixes containing recycled asphalt shingles (RAS), the minimum surface and air temperature shall be 50°F.

Page 6-23, Table 610-7, DENSITY REQUIREMENTS, replace with the following:

**TABLE 610-7
DENSITY REQUIREMENTS**

Mix Type	Minimum % G _{mm} (Maximum Specific Gravity)
S4.75A	85.0 ^A
S9.5B	90.0
S9.5C, S9.5D, I19.0C, B25.0C	92.0

- A. Compaction to the above specified density will be required when the S4.75A mix is applied at a rate of 100 lbs/sy or higher.

Page 6-32, Article 610-16 MEASUREMENT AND PAYMENT, replace with the following:

Pay Item	Pay Unit
Asphalt Concrete Base Course, Type B25.0C	Ton
Asphalt Concrete Intermediate Course, Type I19.0C	Ton
Asphalt Concrete Surface Course, Type S4.75A	Ton
Asphalt Concrete Surface Course, Type S9.5B	Ton
Asphalt Concrete Surface Course, Type S9.5C	Ton
Asphalt Concrete Surface Course, Type S9.5D	Ton

GUARDRAIL ANCHOR UNITS AND TEMPORARY GUARDRAIL ANCHOR UNITS:

(1-16-2018)

862

SP8 R70

Guardrail anchor units will be in accordance with the details in the plans and the applicable requirements of Section 862 of the *2018 Standard Specifications*.

Revise the *2018 Standard Specifications* as follows:

Page 8-42, Article 862-6 MEASUREMENT AND PAYMENT, add the following:

Guardrail Anchor Units, Type ___ and Temporary Guardrail Anchor Units Type ___ will be measured and paid as units of each completed and accepted. No separate measurement will be made of any rail, terminal sections, posts, offset blocks, concrete, hardware or any other components of the completed unit that are within the pay limits shown in the plans for the unit as all such components will be considered to be part of the unit.

Payment will be made under:

Pay Item	Pay Unit
Guardrail Anchor Units, Type _____	Each
Temporary Guardrail Anchor Units, Type _____	Each

MEDIAN HAZARD PROTECTION:**Description**

Construct Median Hazard Protection at the concrete barrier transition sections as shown in the detail in the plans, in accordance with the detail in the plans and as directed by the Engineer.

Measurement and Payment

Median Hazard Protection will be measured and paid for per each that are completed and accepted. Such price and payment will be full compensation for all labor, materials (including, but not limited to concrete barrier, earth material, #57 stone, concrete cover, galvanized bar and grout) and all incidentals necessary construct the Median Hazard Protection.

Concrete barrier transition sections will be measured and paid for as provided elsewhere in the contract. No separate measurement or payment will be made for concrete cover at barrier transition sections as the cost of such shall be included in the unit price bid per each for *Concrete Barrier Transition Section*.

Payment will be made under:

Pay Item	Pay Unit
Median Hazard Protection	Each

County : Forsyth

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0022000000-E	225	UNCLASSIFIED EXCAVATION	24 CY		
0004	0106000000-E	230	BORROW EXCAVATION	1,445 CY		
0005	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	9,510 SY		
0006	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	9,510 SY		
0007	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	516 LF		
0008	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	28 LF		
0009	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	8 LF		
0010	1099500000-E	505	SHALLOW UNDERCUT	5,650 CY		
0011	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	11,450 TON		
0012	1220000000-E	545	INCIDENTAL STONE BASE	40 TON		
0013	1245000000-E	SP	SHOULDER RECONSTRUCTION	10.38 SMI		
0014	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")	283,773 SY		
0015	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 2")	30,705 SY		
0016	1330000000-E	607	INCIDENTAL MILLING	2,111 SY		
0017	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	2,410 TON		
0018	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	44,464 TON		

County : Forsyth

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0019	1524200000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	60,998	TON	
0020	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	2,304	TON	
0021	1577000000-E	620	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	3,415	TON	
0022	1840000000-E	665	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	134,540	LF	
0023	2099000000-E	816	SHOULDER DRAIN	1,180	LF	
0024	2110000000-E	816	4" SHOULDER DRAIN PIPE	1,180	LF	
0025	2121000000-E	816	4" OUTLET PIPE FOR SHOULDER DRAINS	50	LF	
0026	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	35	EA	
0027	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	22	LF	
0028	2407000000-N	840	STEEL FRAME WITH TWO GRATES, STD 840.37	67	EA	
0029	2703000000-E	854	CONCRETE BARRIER, TYPE ***** (T1)	5,735	LF	
0030	2710000000-N	854	CONCRETE BARRIER TRANSITION SECTION	6	EA	
0031	2830000000-N	858	ADJUSTMENT OF MANHOLES	2	EA	
0032	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	1	EA	
0033	2905000000-N	859	CONVERT EXISTING DROP INLET TO JUNCTION BOX	1	EA	
0034	2910000000-N	SP	CONVERT EXISTING TRAFFIC BEARING DROP INLET TO TRAFFIC BEARING JUNCTION BOX	1	EA	
0035	3030000000-E	862	STEEL BEAM GUARDRAIL	630	LF	

County : Forsyth

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0036	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	1 EA		
0037	3317000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE B-77	1 EA		
0038	3360000000-E	863	REMOVE EXISTING GUARDRAIL	13,850 LF		
0039	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	564 SF		
0040	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	1,001 SF		
0041	4415000000-N	1115	FLASHING ARROW BOARD	5 EA		
0042	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	6 EA		
0043	4423000000-N	SP	WORK ZONE DIGITAL SPEED LIMIT SIGNS	6 EA		
0044	4424000000-N	SP	WORK ZONE PRESENCE LIGHTING	14 EA		
0045	4430000000-N	1130	DRUMS	330 EA		
0046	4434000000-N	SP	SEQUENTIAL FLASHING WARNING LIGHTS	24 EA		
0047	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	6 EA		
0048	4480000000-N	1165	TMA	3 EA		
0049	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	14,580 LF		
0050	4510000000-N	1190	LAW ENFORCEMENT	1,056 HR		
0051	4516000000-N	1180	SKINNY DRUM	50 EA		
0052	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	2,434 EA		
0053	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	67 LF		

County : Forsyth

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0054	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	67 EA		
0055	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	46 EA		
0056	4815000000-E	1205	PAINT PAVEMENT MARKING LINES (6")	339,447 LF		
0057	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	7,188 LF		
0058	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	67 LF		
0059	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	67 EA		
0060	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	46 EA		
0061	4847030000-E	1205	POLYUREA PAVEMENT MARKING LINES (6", 20 MILS)	169,217 LF		
0062	4847070000-E	1205	POLYUREA PAVEMENT MARKING LINES (12", 20 MILS)	12,642 LF		
0063	4855000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (6")	100 LF		
0064	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	2,607 EA		
0065	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0066	6000000000-E	1605	TEMPORARY SILT FENCE	4,351 LF		
0067	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	20 TON		
0068	6012000000-E	1610	SEDIMENT CONTROL STONE	20 TON		
0069	6071010000-E	SP	WATTLE	416 LF		
0070	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	3 EA		
0071	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	1 EA		

County : Forsyth

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0072	2759000000-N	SP	GENERIC PAVING ITEM MEDIAN HAZARD PROTECTION	1 EA		

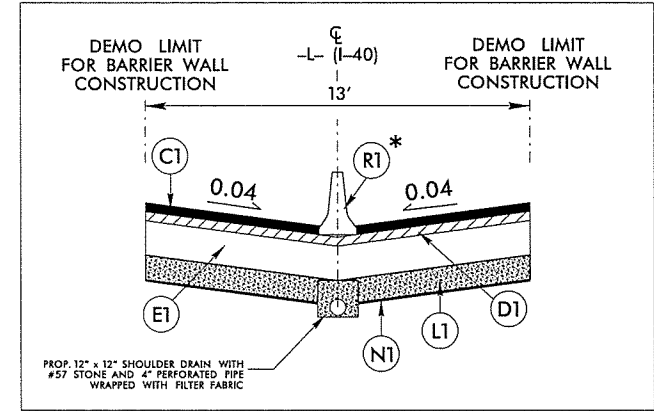
1546/Nov14/Q1182128.38/D227655410000/E72 Total Amount Of Bid For Entire Project :

5/14/99

PAVEMENT SCHEDULE

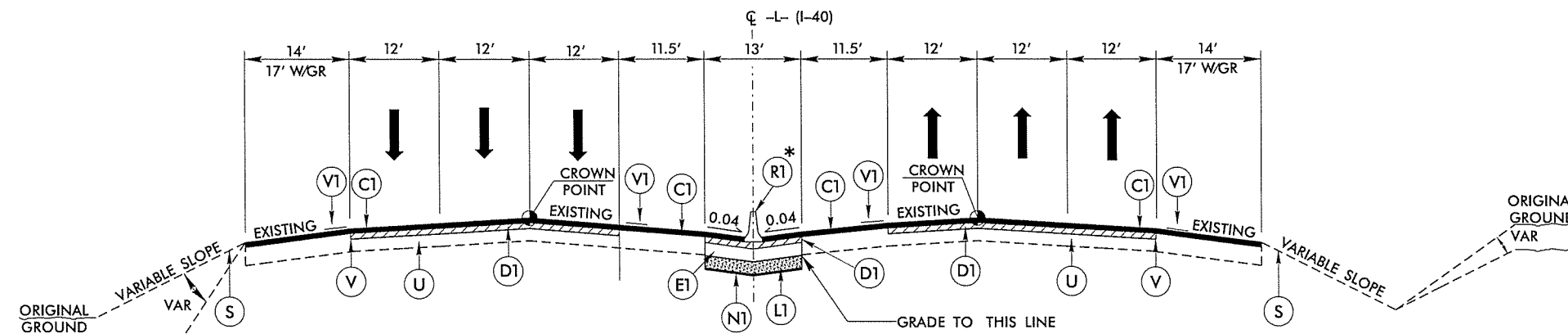
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.	L1	12" CLASS IV SUBGRADE STABILIZATION
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. PER 1.5" DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH.	N1	TYPE IV GEOTEXTILE FOR SOIL STABILIZATION
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.	V	2.5" MILLING
D2	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 2.5" IN DEPTH OR GREATER THAN 4.0" IN DEPTH.	V1	MILLED RUMBLE STRIPS
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 313.5 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.	R1	DOUBLE FACED CONCRETE BARRIER (TYPE T AND T1)
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 4.0" IN DEPTH OR GREATER THAN 5.5" IN DEPTH.	U	EXISTING PAVEMENT
S	SHOULDER RECONSTRUCTION	W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAILS)

PROJECT REFERENCE NO. I-5952	SHEET NO. 2A-1
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 	PAVEMENT DESIGN ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



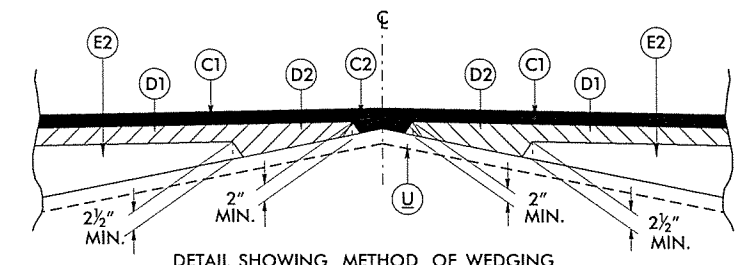
-L- MEDIAN SHOULDER DRAIN DETAIL
 -L- STA 220+00 TO 228+00
 -L- STA 272+00 TO 275+80

* NOTE: KEY-IN TYPE-T BARRIER WALL MINIMUM 2" & TYPE-T1 BARRIER MINIMUM 5"

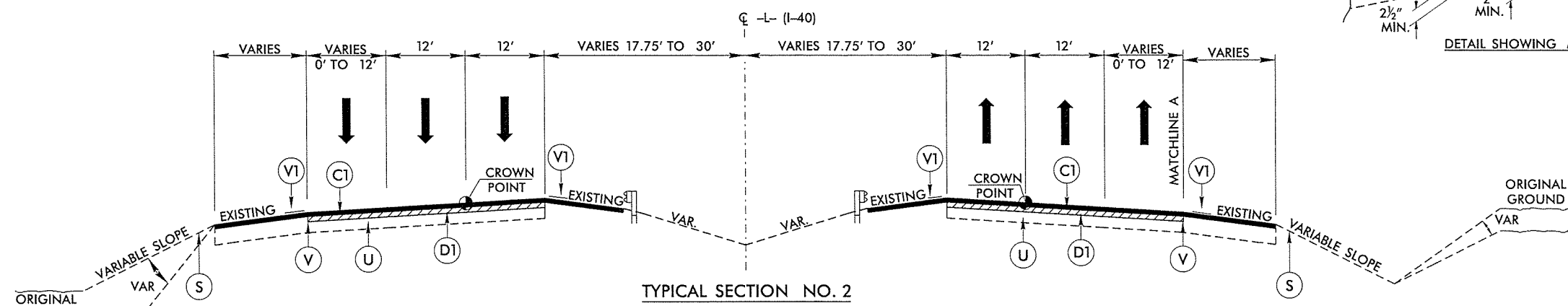


TYPICAL SECTION NO. 1
 USE TYPICAL SECTION NO. 1
 -L- STA. 210+00 TO STA. 275+80
 NOTE: EXISTING MEDIAN GUARDRAIL TO BE REMOVED IN THIS STATION RANGE

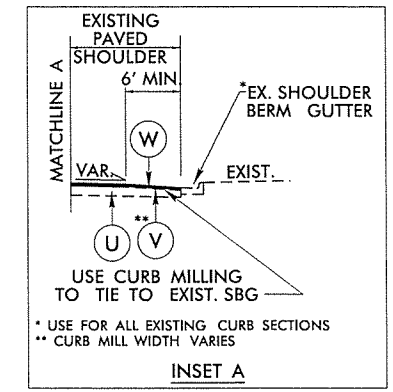
* NOTE: KEY-IN TYPE-T BARRIER WALL MINIMUM 2" & TYPE-T1 BARRIER MINIMUM 5"



DETAIL SHOWING METHOD OF WEDGING



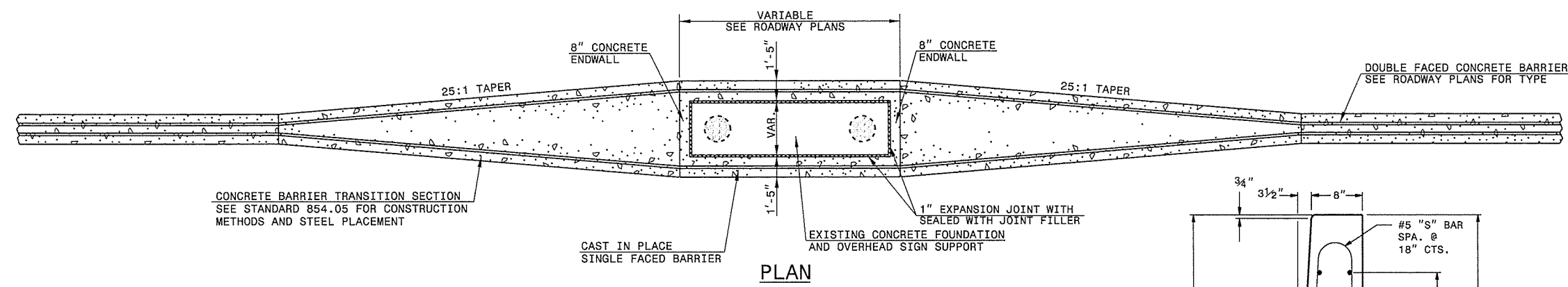
TYPICAL SECTION NO. 2
 USE TYPICAL SECTION NO. 2
 -L- STA. 275+80 TO WESTGATE CENTER DRIVE OVERPASS



INSET A
 USE CURB MILLING TO TIE TO EXIST. SBG
 * USE FOR ALL EXISTING CURB SECTIONS
 ** CURB MILL WIDTH VARIES

02-NOV-2018 14:52
 3:\projects\1-5952\1-5952-1-5952.dwg
 2:\projects\1-5952\1-5952-1-5952.dwg
 2:\projects\1-5952\1-5952-1-5952.dwg

* DRAWING NOT TO SCALE

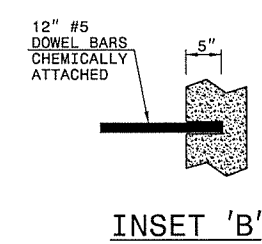


CONCRETE BARRIER TRANSITION SECTION
SEE STANDARD 854.05 FOR CONSTRUCTION
METHODS AND STEEL PLACEMENT

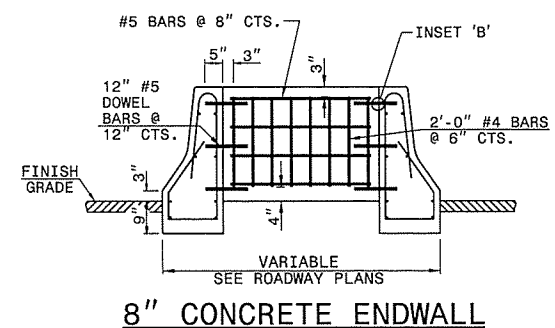
CAST IN PLACE
SINGLE FACED BARRIER

EXISTING CONCRETE FOUNDATION
AND OVERHEAD SIGN SUPPORT

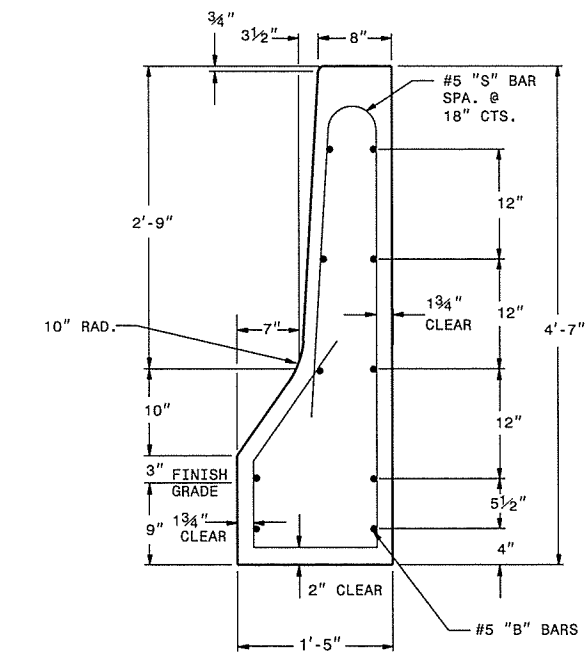
PLAN



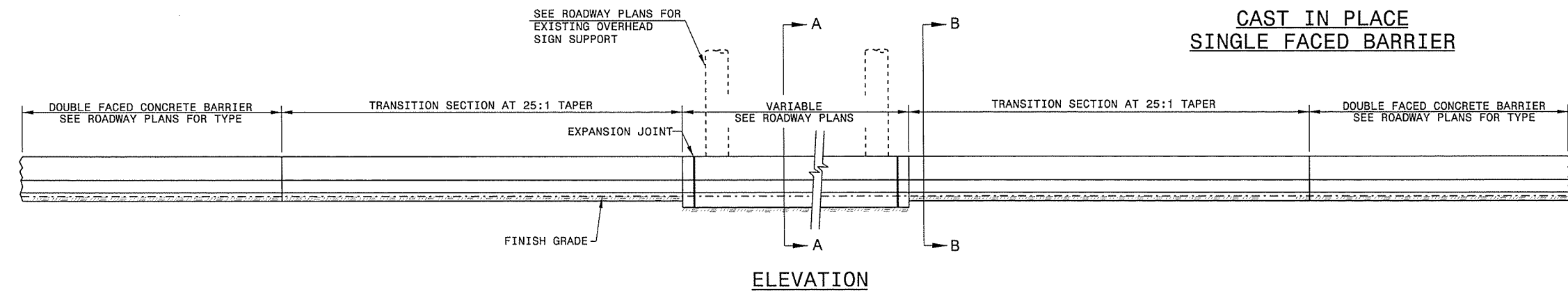
INSET 'B'



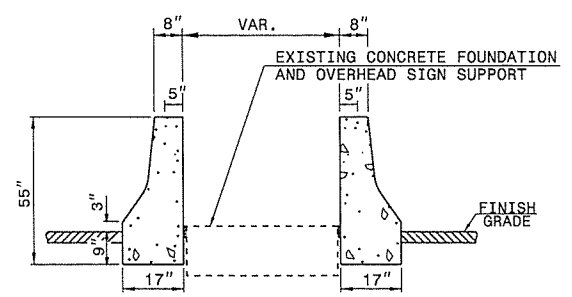
8" CONCRETE ENDWALL



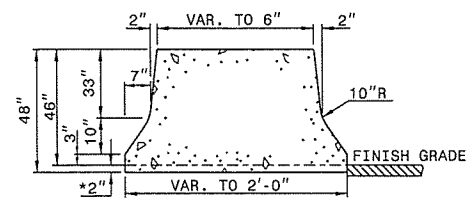
CAST IN PLACE
SINGLE FACED BARRIER



ELEVATION



SECTION A-A



SECTION B-B

GENERAL NOTES:
 CONSTRUCT CONCRETE BARRIER WITH CLASS 'AA' CONCRETE. (SEE SPECIFICATIONS SECTION 854).
 CONSTRUCT EXPANSION AND CONTRACTION JOINTS AS SHOWN IN STANDARD DRAWING 854.01.
 SEAL EXPANSION JOINTS WITH JOINT FILLER. (SEE SECTION 1028 OF THE SPECIFICATIONS).
 SUBMIT ALTERNATIVE METHODS FOR STEEL FABRICATION PLACEMENT FOR REVIEW AND APPROVAL.
 SEE STANDARD DRAWING 854.05 FOR STEEL LAYOUT OF TRANSITION BARRIER.
 *THE 2" DIMENSION FROM FINISH GRADE TO THE BASE IS A MINIMUM DIMENSION.
 INSET FIRST 1" DIA. GALVANIZED BAR 12'-6" AND SPACE THE REMAINING 1' BARS AT 25'-0".



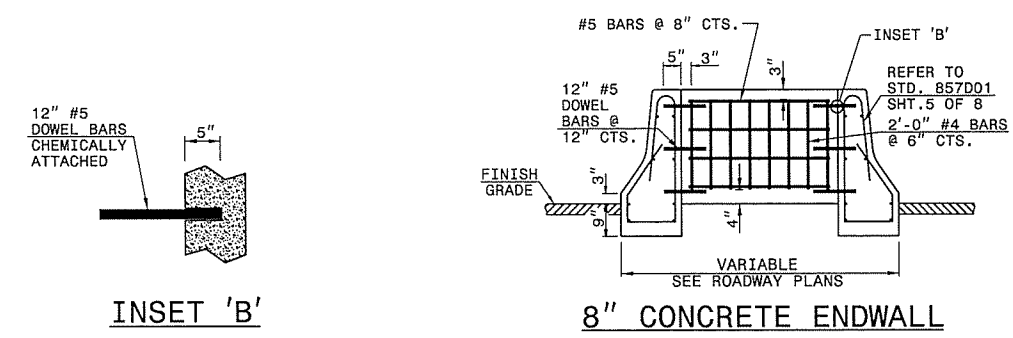
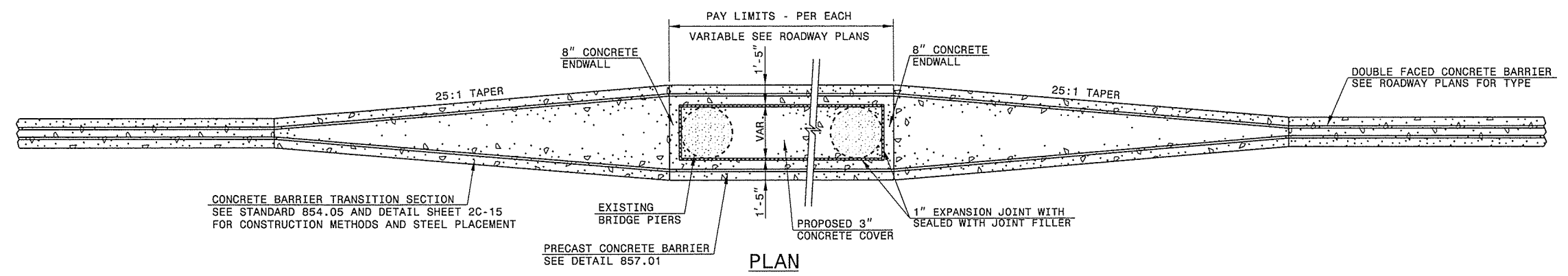
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UNLESS ALL SIGNATURES COMPLETED

CONTRACT STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

**DETAIL OF CONCRETE
BARRIER TRANSITION**

ORIGINAL BY: E.E. WARD DATE: 7-28-03
 MODIFIED BY: K.A. KEMPF DATE: 11-02-18
 CHECKED BY: DATE:
 FILE SPEC.: usridetailstand\Median Pier transition barrier.dgn

09-NOV-2018 15:01
 S:\con\projects\Special Details\ward\usridetailstand\Median Pier transition barrier.dgn
 K.Kempf



GENERAL NOTES:

CONSTRUCT CONCRETE BARRIER WITH CLASS 'AA' CONCRETE. (SEE SPECIFICATIONS SECTION 854).

CONSTRUCT EXPANSION AND CONTRACTION JOINTS AS SHOWN IN STANDARD DRAWING 854.01.

SEAL EXPANSION JOINTS WITH JOINT FILLER. (SEE SECTION 1028 OF THE SPECIFICATIONS).

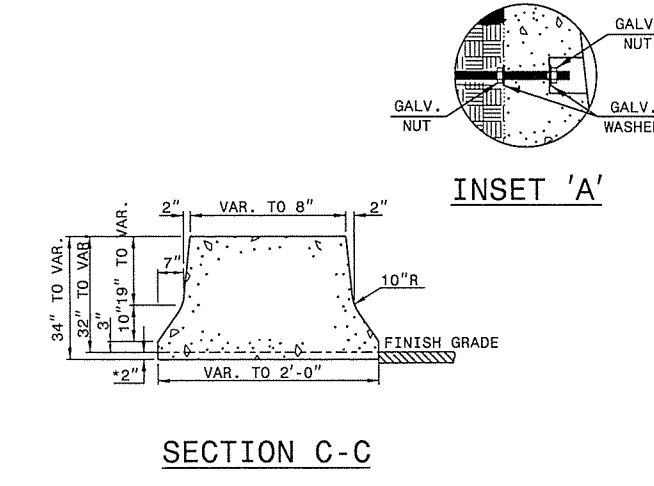
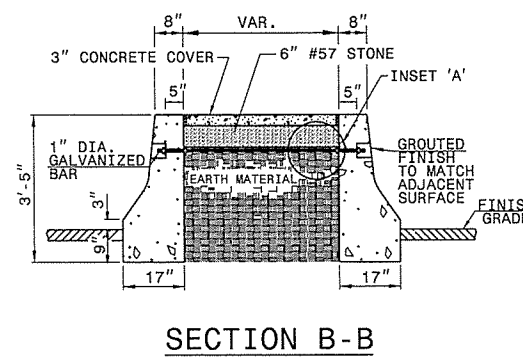
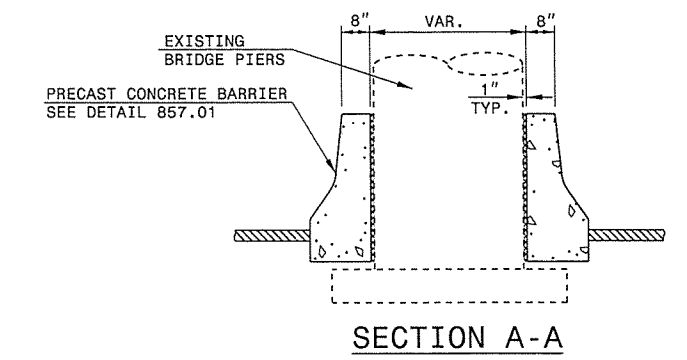
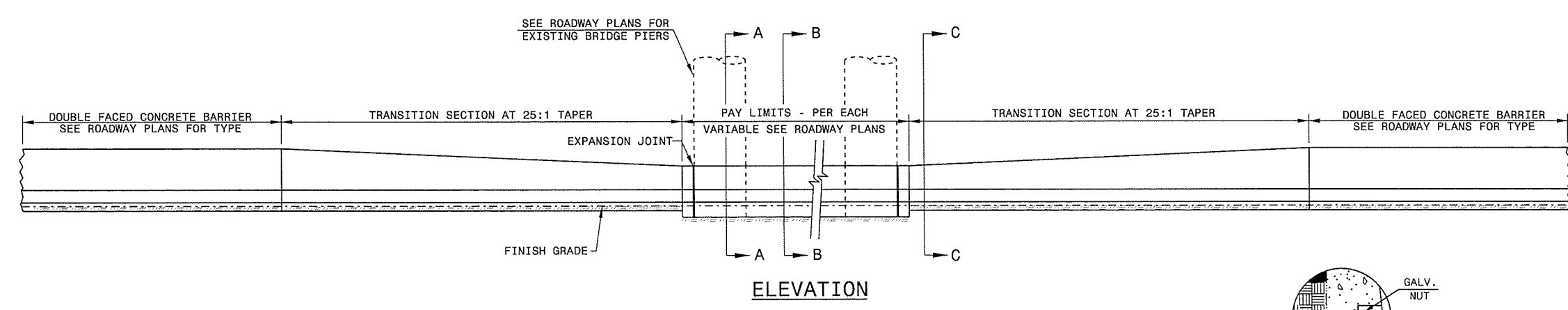
SUBMIT ALTERNATIVE METHODS FOR STEEL FABRICATION PLACEMENT FOR REVIEW AND APPROVAL.

SEE STANDARD DRAWING 854.05 FOR STEEL LAYOUT OF TRANSITION BARRIER.

*THE 2" DIMENSION FROM FINISH GRADE TO THE BASE IS A MINIMUM DIMENSION.

INSET FIRST 1" DIA. GALVANIZED BAR 12'-6" AND SPACE THE REMAINING 1' BARS AT 25'-0".

USE AN APPROVED BONDING SYSTEM IN ACCORDANCE WITH SECTION 1081 OF THE STANDARD SPECIFICATIONS.



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACT STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

**MEDIAN HAZARD
PIER PROTECTION**

ORIGINAL BY: E.E. WARD DATE: 7-28-03
MODIFIED BY: E.E. WARD DATE: 8-26-04
CHECKED BY: DATE:
FILE SPEC.: \usr\details\stand\transition_barrier.dgn

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