



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

December 10, 2014

CALL NO. 101
CONTRACT ID NO. 141079
ADDENDUM # 3

Subject: Scott County, NHPP 0756 (100)
Letting December 12, 2014

Plan:

- (1) Revised - Plan Sheets - R2A, R2H, S01, S10, S11 & S23
- (2) Deleted - Plan Sheets - T1 through T54
- (3) Deleted - Plan Sheets - Section 0008-Signing Items

Proposal:

- (1) Revised - Special Notes - Pages 102-106 of 207
- (2) Revised - Bid Items - Pages 200-207 of 207

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures

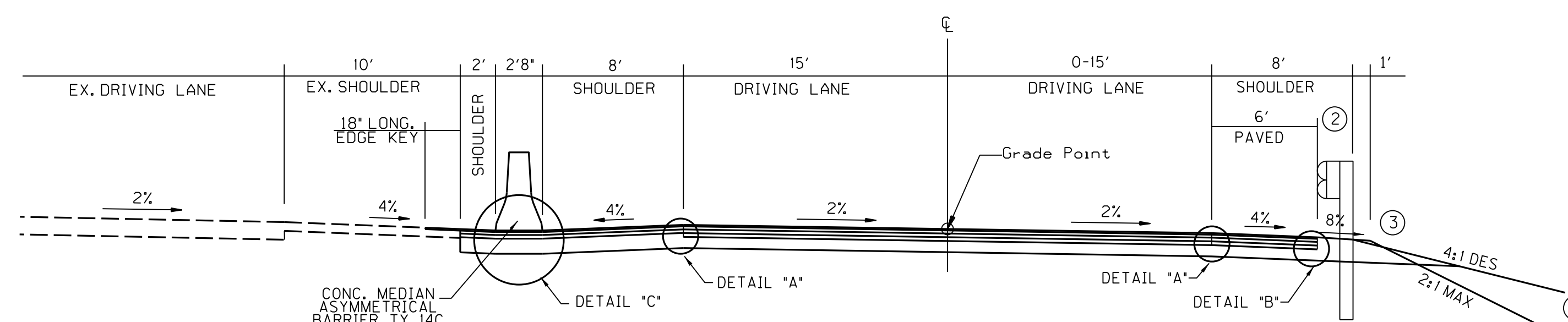
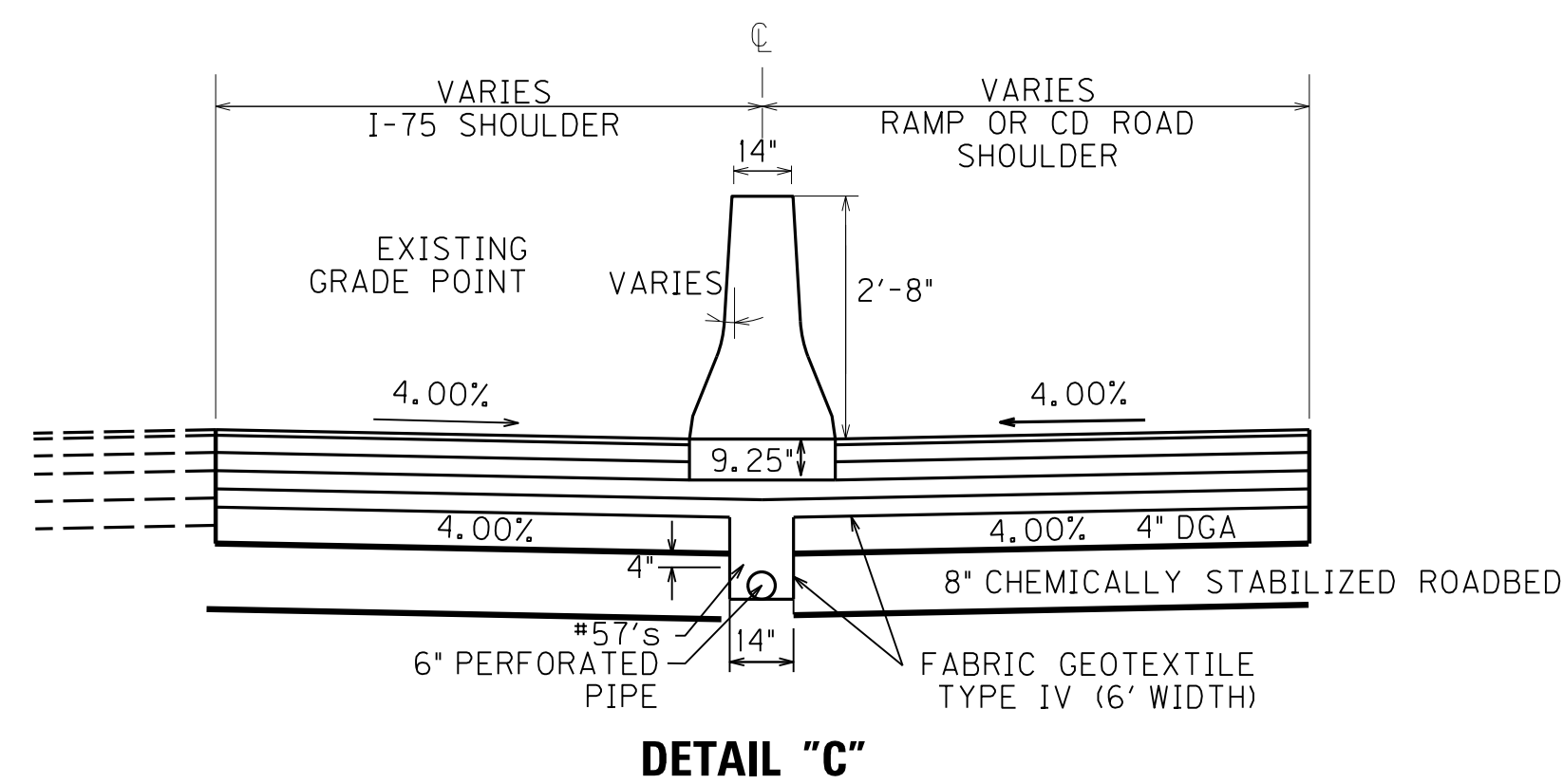


An Equal Opportunity Employer M/F/D

COUNTY OF	ITEM NO.	SHEET NO.
SCOTT	7-425.00	R2A

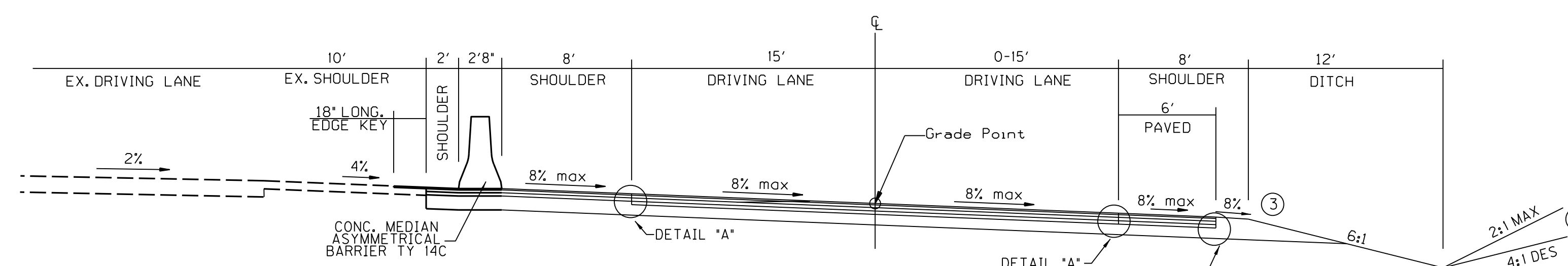
REVISED 12/10/2014

- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE
- ② WIDEN SHOULDER 1' FOR GUARDRAIL
- ③ ASPHALT SEAL COAT & ASPHALT SEAL AGGREGATE (2 APPLICATIONS) REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE SLOPE.



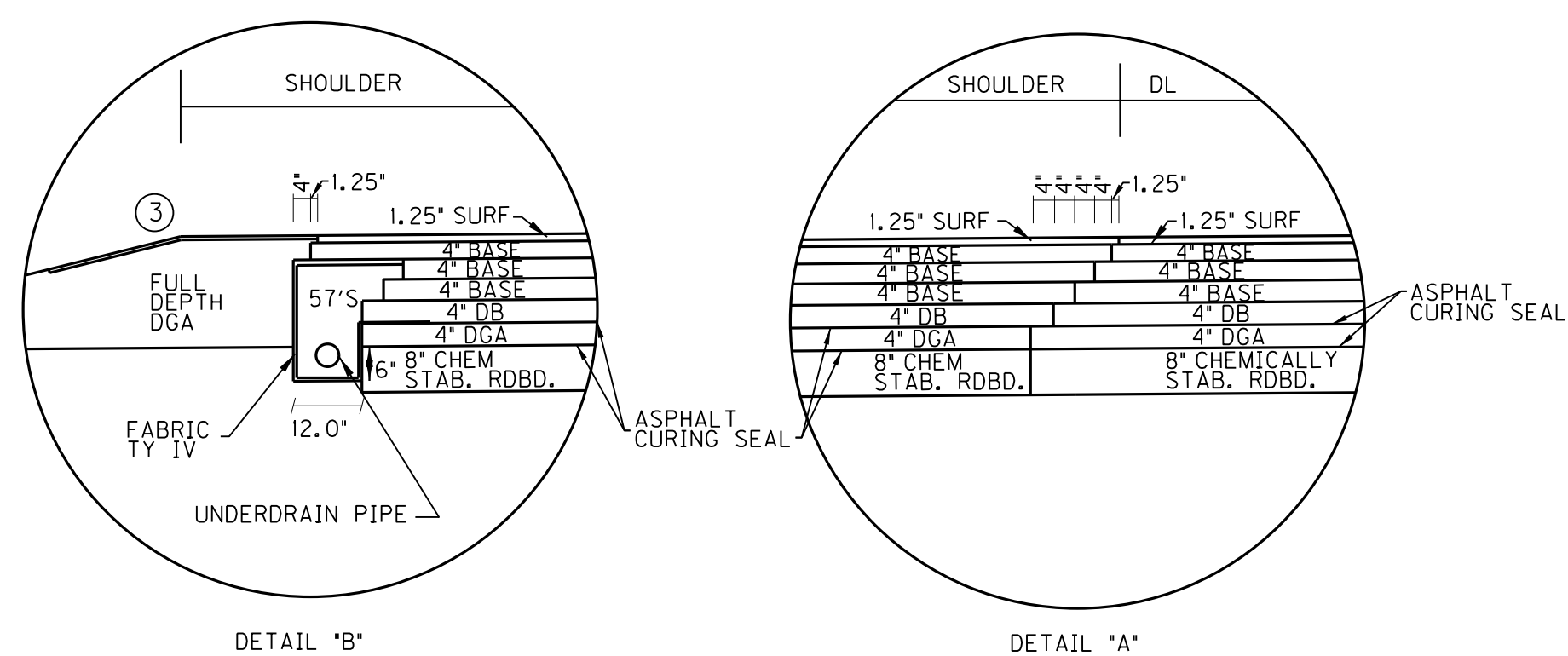
NORMAL SECTION
SB CD ROAD
 STA. 209+00 TO STA. 267+70.62
RAMP A
 STA. 1009+25.00 TO STA. 1015+79.97

RUMBLE STRIPS TO BE CONSTRUCTED ON THE OUTSIDE SHOULDER



SUPERELEVATED SECTION
RAMP A
 STA. 1015+79.97 TO STA. 1018+00

RUMBLE STRIPS TO BE CONSTRUCTED ON THE OUTSIDE SHOULDER



RAMPS AND CD ROAD PAVEMENT DESIGN (MAINLINE & SHOULDERS)

1.25\"/>

20\"/>

8\"/>

FILE NAME: C:\PW\WORKDIR\STEPHEN_SEWELL\MS15406\RO02A01S.DGN

USER: stephen
DATE PLOTTED: December 10, 2014

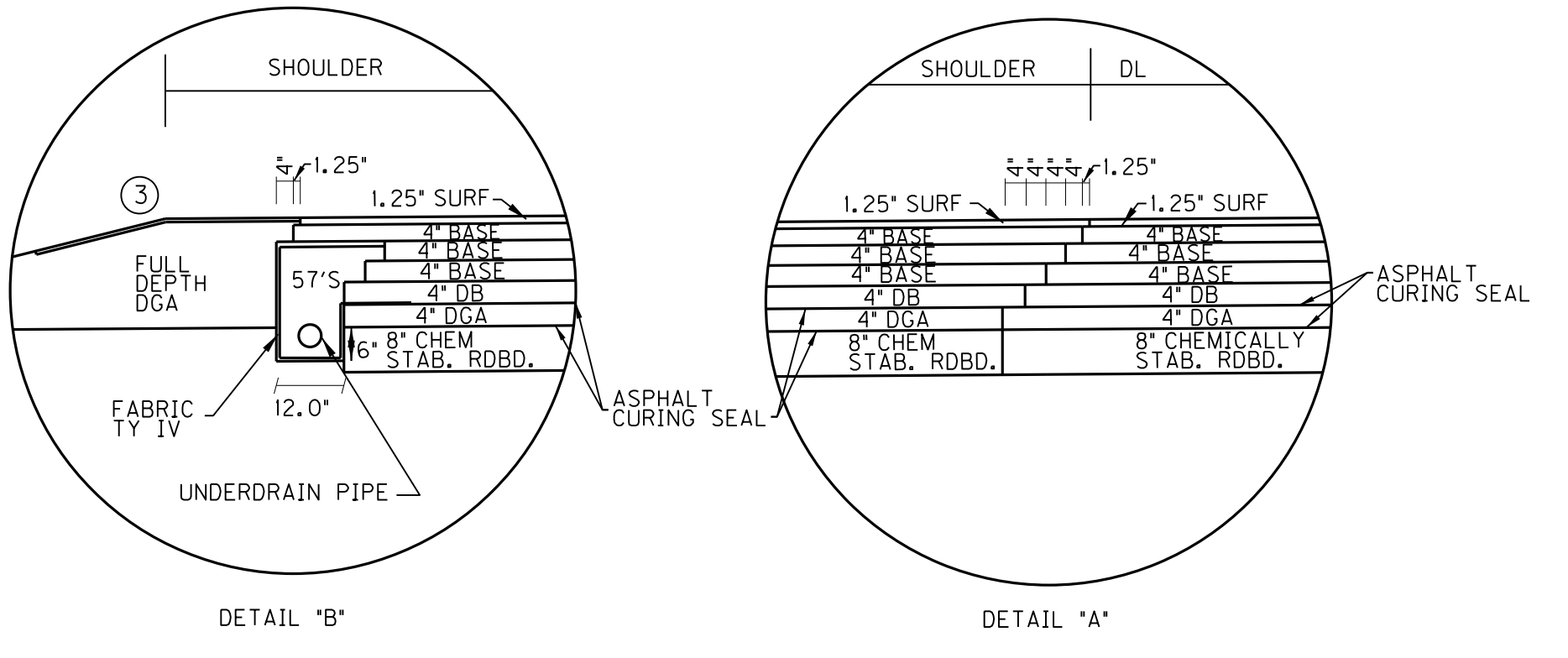
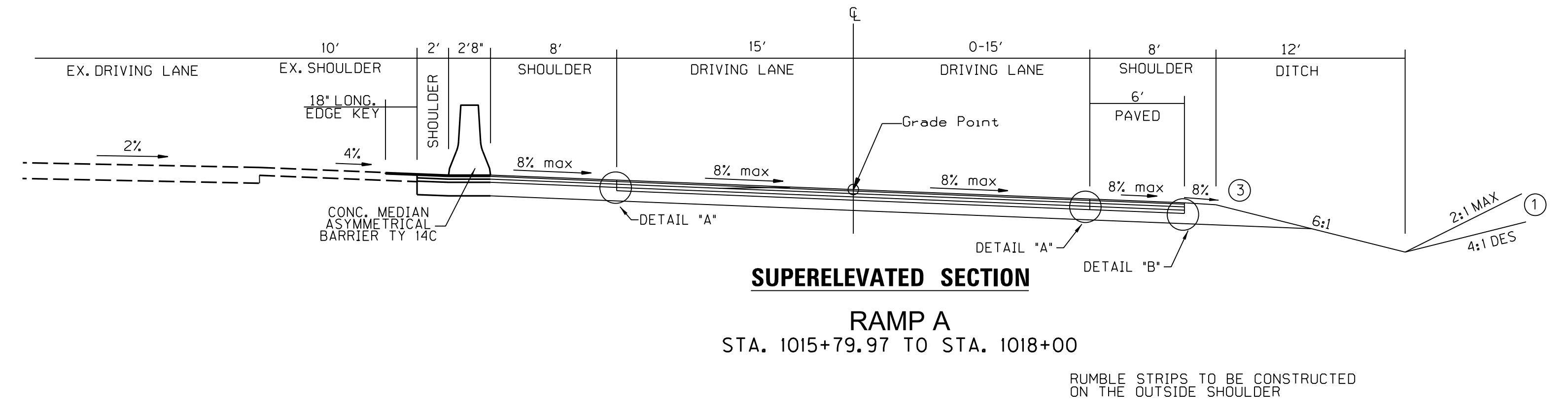
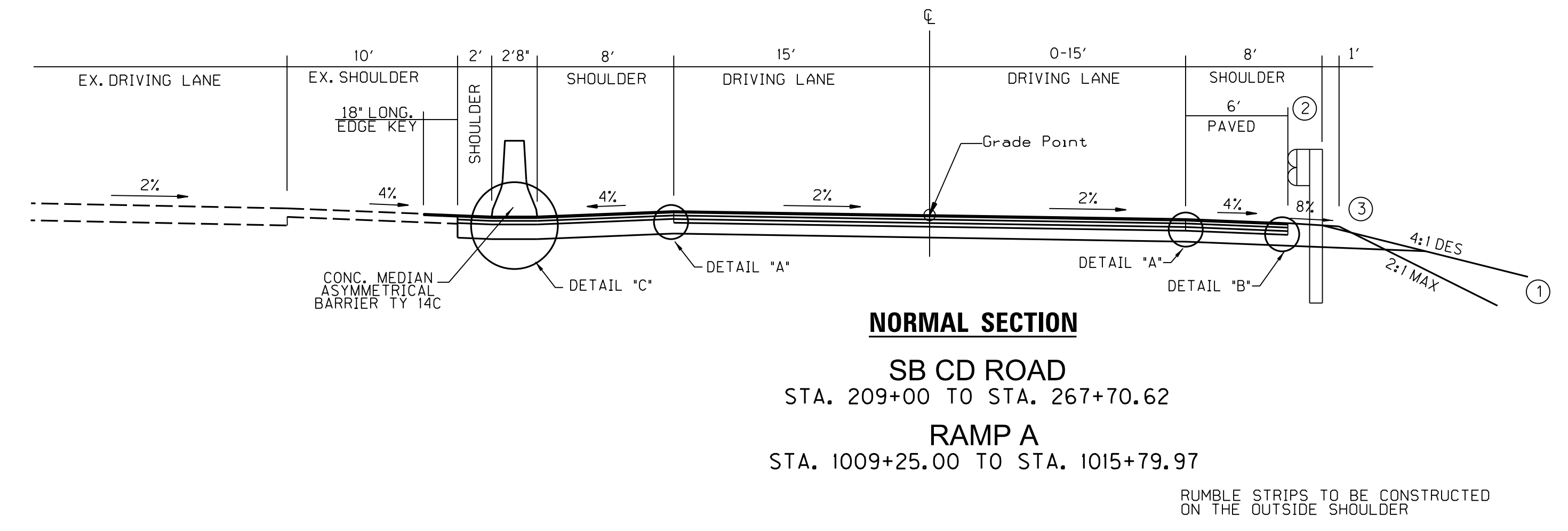
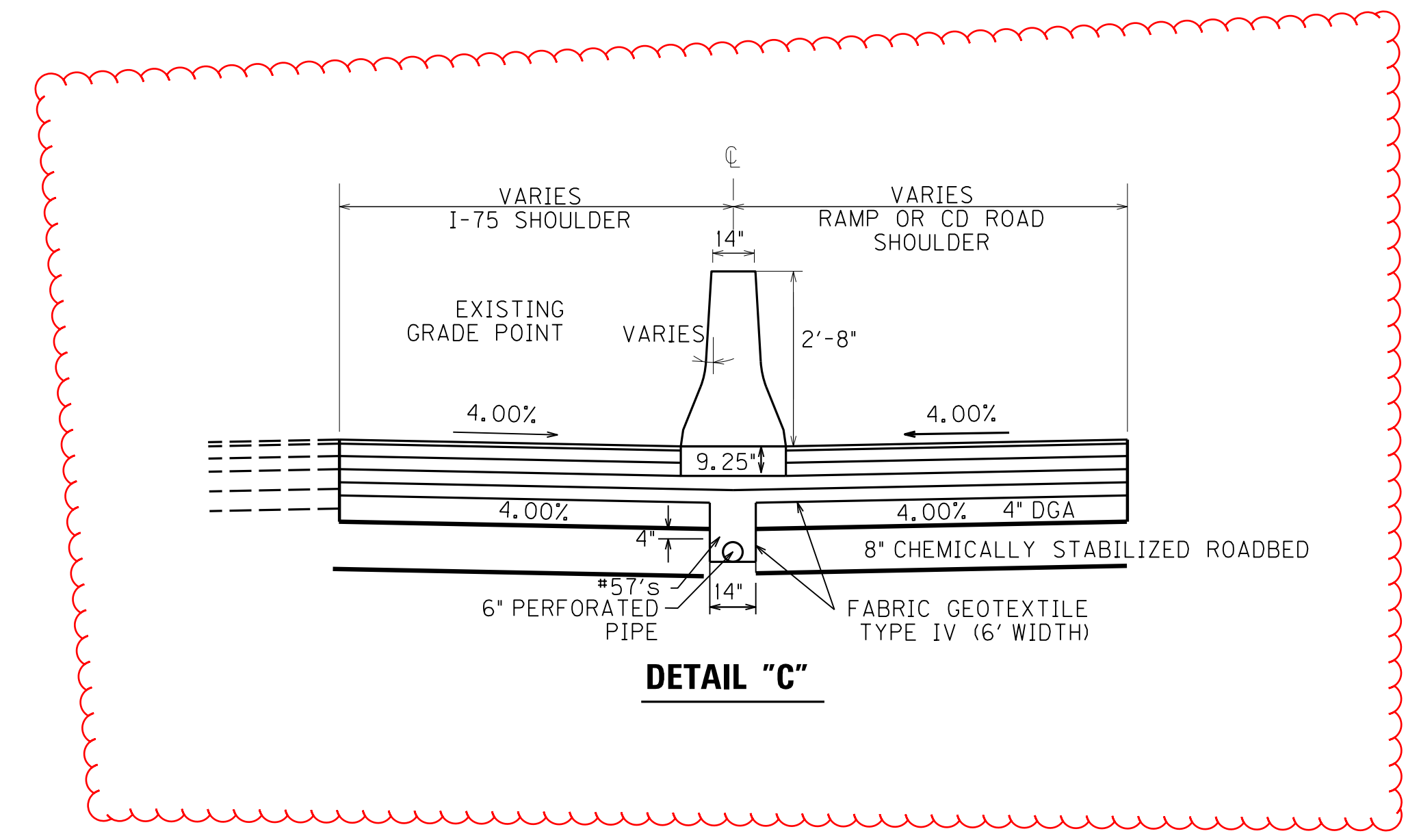
E-SHEET NAME:

MicroStation v8.11.9.357

COUNTY OF	ITEM NO.	SHEET NO.
SCOTT	7-425.00	R2A

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- ② WIDEN SHOULDER 1' FOR GUARDRAIL
- ③ ASPHALT SEAL COAT & ASPHALT SEAL AGGREGATE (2 APPLICATIONS) REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE SLOPE.

REVISI
1 12-13-2014



RAMPS AND CD ROAD PAVEMENT DESIGN (MAINLINE & SHOULDERS)

1.25" SURFACE — 1.25" DEPTH CLASS 4 ASPHALT SURFACE 0.38A PG 76-22

20" BASE — 4" DEPTH CLASS 4 ASPHALT BASE 1,00D PG 76-22
8" DEPTH CLASS 4 ASPHALT BASE 1,00D PG 64-22 (4"+4")
4" DRAINAGE BLANKET (ASPHALT TREATED)
4" DEPTH DGA
8" CHEMICALLY STABILIZED ROADBED

REMOVED HIGH STRENGTH GEOTEXTILE FABRIC
ADDED 8" CHEMICALLY STABILIZED ROADBED LABEL
MIRRORED DETAIL TO PROVIDE SAME ORIENTATION AS TYPICAL

FILE NAME: C:\PW\WORKDIR\STEPHEN SEWELL\DM515406\RO02A01S.DGN
 USER: stephen
 DATE PLOTTED: December 10, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.357

PAVING AREAS

	KY 3552	KY 3552 SHOULDERS	RAMPS	RAMP SHOULDERS	NB REST AREA	NB REST AREA SHOULDERS	SB CD ROAD / REST AREA	SB CD ROAD / REST AREA SHOULDERS	TOYOTA	TOYOTA SHOULDERS	US 62	US 62 SHOULDERS	ENTRANCES	TOTAL PROJECT
1.25" CL4 ASPH SURF 0.38A PG76-22	46,523	8,998	19,492	12,220	4,482	3,008	15,693	12,134	19,325	4,880	648	353	2,286	150,042
2" CL2 ASPH SURF 0.38D PG64-22		7,565												7,565
2" CL4 ASPH BASE 1.00D PG64-22													2,299	2,299
3.25" CL4 ASPH BASE 1.00D PG76-22											654	353		1,007
4" CL4 ASPH BASE 1.00D PG76-22	46,523	8,998	19,662	12,220	4,547	3,008	15,785	12,134	19,396	4,880				147,153
4" CL4 ASPH BASE 1.00D PG64-22	95,956	20,907	40,949	25,031	9,717	6,016	32,454	26,009	39,472	9,761	1,355	706		308,333
JPC PAVEMENT - 8 INCH										578				578
JPC PAVEMENT - 12 INCH			3,042											3,042
JPC PAVEMENT - 12 INCH SHOULDER				1,007										1,007
4" DRAINAGE BLANKET - TYPE II - ASPH	46,523	8,998	21,288	12,811	5,170	3,008	16,669	13,875	20,076	4,880				153,298
5.25" DRAINAGE BLANKET - TYPE II - ASPH		3,211	1,007							703				4,921
4" DENSE GRADE AGGREGATE	46,523	36,105	25,115	9	5,378	9	16,964	9	20,303	9	705	9	2,319	9
6" DENSE GRADE AGGREGATE		3,464												9
8" DENSE GRADE AGGREGATE	3,464													6,928
8" LIME MODIFIED ROADBED	46,523	8,999	25,115	13,818	5,378	3,008	16,964	13,875	20,303	5,599				159,582
LIME	46,523	8,999	25,115	13,818	5,378	3,008	16,964	13,875	20,303	5,599				159,582
ASPHALT CURING SEAL	139,569	26,996	70,184	40,272	14,343	9,024	48,350	38,143	58,953	15,360				461,194
SAND FOR BLOTTER	46,523	8,999	25,115	13,818	5,378	3,008	16,964	13,875	20,303	5,599				159,582
ASPHALT SEAL COAT														13,901
ASPHALT SEAL AGGREGATE														13,901

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	KY 3552	KY 3552 SHOULDERS	RAMPS	RAMP SHOULDERS	NB REST AREA	NB REST AREA SHOULDERS	SB CD ROAD / REST AREA	SB CD ROAD / REST AREA SHOULDERS	TOYOTA	TOYOTA SHOULDERS	US 62	US 62 SHOULDERS	ENTRANCES	TOTAL PROJECT
342	CL4 ASPH SURF 0.38A PG76-22	TON	3,199	618	1,340	842	308	207	1,079	834	1,327	335	45	24	157	10,315
301	CL2 ASPH SURF 0.38D PG64-22	TON		832												832
219	CL4 ASPH BASE 1.00D PG76-22	TON	10,235	1,979	4,326	2,689	1,000	662	3,473	2,670	4,267	1,073	117	63		32,554
217	CL4 ASPH BASE 1.00D PG64-22	TON	21,110	4,598	9,007	5,508	2,138	1,324	7,139	5,723	8,684	2,146	298	156	253	68,084
2084	JPC PAVEMENT - 8 INCH	SO YD										578				578
2070	JPC PAVEMENT - 12 INCH	SO YD			3,042											3,042
2077	JPC PAVEMENT - 12 INCH SHOULDER	SO YD				1,007										1,007
18	DRAINAGE BLANKET - TYPE II - ASPH	TON	9,305	1,799	5,101	2,827	1,034	602	3,334	2,775	4,015	1,160				31,952
1	DENSE GRADE AGGREGATE	TON	12,295	9,898	5,777	14,503	1,237	5,067	3,903	8,790	4,669	5,998	243	595	800	73,775
13	LIME STABILIZED ROADBED	SO YD	46,523	8,999	25,115	13,818	5,378	3,008	16,965	13,875	20,303	5,599				159,583
14	LIME	TON	824	160	444	245	95	53	301	245	360	99				2,826
358	ASPHALT CURING SEAL	TON	140	27	69	40	14	9	48	38	60	16				461
2702	SAND FOR BLOTTER	TON	117	23	63	35	13	8	42	35	50	13				399
103	ASPHALT SEAL COAT	TON				14				7	6		1			33
100	ASPHALT SEAL AGGREGATE	TON				118		42		60	52		4			276

REVISED 12/10/2014

NOTES

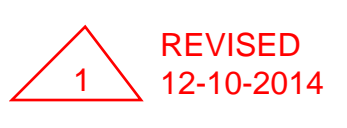
- ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.
- ① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.
 - ② ESTIMATED AT 100 LBS. PER SQ. YD. PER INCH OF DEPTH.
 - ③ ESTIMATED AT 2 LBS. PER SQ. YD.
 - ④ ESTIMATED AT 5 LBS. PER SQ. YD.
 - ⑤ ESTIMATED AT 35.4 LBS. PER SQ. YD. BASED ON THE FOLLOWING:
LIME IS MIXED AT A RATE OF 6% BY DRY MASS.
AVERAGE DRY DENSITY OF STABILIZED ROADBED IS 98.4 LBS. PER CU. FT.
 - ⑥ MATCH EXISTING PAVEMENT DESIGN ALONG US 62. QUANTITIES ARE FOR ESTIMATING PURPOSES.
 - ⑦ TO BE USED FOR MULTI-USE PATH.
 - ⑧ INCLUDES 1799 TONS FOR MULTI-USE PATH.
 - ⑨ CALCULATED USING AVERAGE END AREA METHOD.
 - ⑩ INCLUDES 254 TONS FOR NOISE WALL.
 - ⑪ ESTIMATED AT 2.4 LBS. PER SQ. YD. (TWO APPLICATIONS)
 - ⑫ ESTIMATED AT 20 LBS. PER SQ. YD. (TWO APPLICATIONS)

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SAND FOR BLOTTER	46,523	8,999	25,115	13,818	5,378	3,008	16,964	13,875	20,303	5,599				159,582
ASPHALT SEAL COAT			5,896			2,109		3,030		2,644		222		13,901
ASPHALT SEAL AGGREGATE			5,896			2,109		3,030		2,644		222		13,901

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	KY 3552	KY 3552 SHOULDERS	RAMPS	RAMP SHOULDERS	NB REST AREA	NB REST AREA SHOULDERS	SB CD ROAD / REST AREA	SB CD ROAD / REST AREA SHOULDERS	TOYOTA	TOYOTA SHOULDERS	US 62	US 62 SHOULDERS	ENTRANCES	TOTAL PROJECT
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2077	JPC PAVEMENT - 12 INCH SHOULDER	SO YD				1,007										1,007
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103	ASPHALT SEAL COAT	TON				14		5		7		6		1		33
100	ASPHALT SEAL AGGREGATE	TON				118		42		60		52		4		276



REVISED
12-10-2014

NOTES

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- ⑪ ESTIMATED AT 2.4 LBS. PER SQ. YD. (TWO APPLICATIONS)
- ⑫ ESTIMATED AT 20 LBS. PER SQ. YD. (TWO APPLICATIONS)

REMOVED HIGH STRENGTH GEOTEXTILE FABRIC BID ITEM AND QUANTITY AND CRUSHED AGGREGATE SIZE NO 57

TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

SCOTT COUNTY KY 3552 OVER INTERSTATE 75 STA. 127+04.87

ESTIMATE OF QUANTITIES

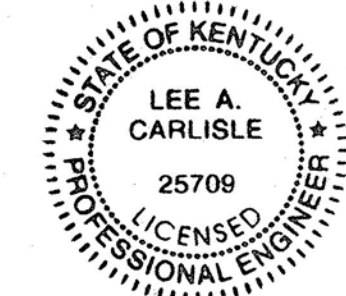
BID ITEM	08100	08104	08150	08151	08001	08002	02200	02223	02231	02998	03299	08018	08033	08052	08095	23026ED	23538EC	24582EN	08039											
	Concrete Class "A"	Concrete Class "AA"	Steel Reinforcement	Steel Reinforcement Epoxy Coated	Structure Excavation, Common	Structure Excavation, Solid Rock	Roadway Excavation	Granular Embankment	Structure Granular Backfill	Masonry Coating	Armored Edge for Concrete	M.S.E. Retaining Wall	Test Piles	Piles - Steel HP 14 X 117	Pile Points 14"	Architectural Treatment	6 Ft. Steel Pedestrian Rail	Precast PC I-Beam HN 72 49	Pre-drilling for Piles											
UNIT	C.Y.	C.Y. ^①	LBS.	LBS.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y. ^②	S.Y.	L.F.	S.F.	L.F.	L.F.	Each	S.Y.	L.F.	L.F.	L.F.											
Integral End Bent #1	54	86	7735	5035				332	379	422	104	3349	38	427	14	18														
Pier #1	225	86	39125	1005	359	58				286																				
Integral End Bent #2	54	86	7735	5035			95	359	380	465	104	3735	26	380	14	18						100								
Superstructure		855		321675						1444						140	251	2480												
BRIDGE TOTALS	333	1113	54595	332750	359	58	95	691	759	2617	208	7084	64	807	28	176	251	2480	100											

① Pipe sleeves are incidental to pier diaphragm concrete. Refer to the pier details sheet for anchor dowel details.

② Fabric Geotextile Type 4 is incidental to Structure Granular Backfill.

③ All railing concrete and epoxy coated reinforcement are included in bid item codes 08104 and 08151. Therefore, there is no Type 3 Railing bid item.

INDEX OF SHEETS	
Sheet No.	Description
S01	Title Sheet
S02	General Notes
S03	Layout Plan and Elevation
S04-S09	Geotechnical Information
S10	Foundation Layout
S11	Pile Record
S12-S13	Integral End Bent #1
S14-S15	Pier Details
S16-S17	Integral End Bent #2
S18	PPC I-Beam Type, HN 72 49
S19	Beam and Bearing Details
S20	Framing Plan
S21-S30	Superstructure
S31-S32	Construction Elevations
S33	Substructure Bills of Reinforcement
S34	Superstructure Bill of Reinforcement
S35	Aesthetic Treatments
S36	MSE Walls
S37-S39	Sign Supports
SPECIAL NOTES	
Special Note For MSE Walls	
SPECIAL PROVISIONS	
69(12) Embankment at Bridge End Bent Structures	
STANDARD DRAWINGS	
BGX-006-09	Stencils for Structures
BGX-012-02	Geotechnical Legend
BJE-001-12	Neoprene Expansion Dams and Armored Edges
BBP-002-04	Bearing Details
RGX-100-05	Treatment of Embankment at End Bents
RGX-105-07	Treatment of Embankment at End Bents
SPECIFICATIONS	
2012 Standard Specifications for Road and Bridge Construction.	
6th Edition AASHTO LRFD Bridge Design Specifications (2012) with Interims thru 2013.	
REVISION	DATE
DATE: OCTOBER, 2014	CHECKED BY
DESIGNED BY: L.A. CARLISLE	J.N. McNUTT
DETAILED BY: J. ROSE	L.A. CARLISLE
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS	
COUNTY SCOTT	
ROUTE KY 3552	CROSSING OVER I-75
TITLE SHEET	
ITEM NUMBER 7-425.00	PREPARED BY PALMER ENGINEERING CO.
SHEET NO. S01	
DRAWING NO. 27181	



Lee A. Carlisle
 Lee A. Carlisle
 P.E. 25709
 12/09/2014
 DATE

SHEET LOCATION: TIT DATE: 12/9/2014 USERNAME: \$\$\$plot+ted\$\$\$ FILE NAME: 27181_S01_Title_rev01.dgn

CONSTRUCTION PROJECT NO. LETTING DATE

TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

SCOTT COUNTY KY 3552

OVER INTERSTATE 75 STA. 127+04.87

ESTIMATE OF QUANTITIES																				
BID ITEM CODE	08100	08104	08150	08151	08001	08002	02200	02223	02231	02998	03299	08018	08033	08052	08095	23026ED	23538EC	24582EN	08039	
BID ITEM	Concrete Class "A"	Concrete Class "AA"	Steel Reinforcement	Steel Reinforcement Epoxy Coated	Structure Excavation, Common	Structure Excavation, Solid Rock	Roadway Excavation	Granular Embankment	Structure Granular Backfill	Masonry Coating	Armored Edge for Concrete	M.S.E. Retaining Wall	Test Piles	Piles - Steel HP 14 X 117	Pile Points 14"	Architectural Treatment	6 Ft. Steel Pedestrian Rail	Precast PC I-Beam HN 72-49	Pre-drilling for Piles	
UNIT	C.Y.	C.Y.	LBS.	LBS.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	S.Y.	L.F.	S.F.	L.F.	L.F.	Each	S.Y.	L.F.	L.F.	L.F.	
<i>Substructure</i>																				
Integral End Bent #1	54	86	7735	5035				332	379	422	104	3349	38	427	14	18				
Pier #1	225	86	39125	1005	359	58				286										
Integral End Bent #2	54	86	7735	5035			95	359	380	465	104	3735	26	380	14	18				100
<i>Superstructure</i>		855		321675						1444						140	251	2480		
BRIDGE TOTALS	333	1113	54595	332750	359	58	95	691	759	2617	208	7084	64	807	28	176	251	2480	100	

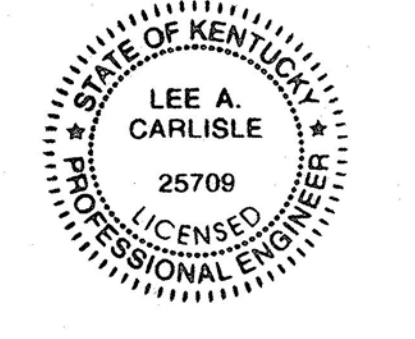
INDEX OF SHEETS	
Sheet No.	Description
S01	Title Sheet
S02	General Notes
S03	Layout Plan and Elevation
S04-S09	Geotechnical Information
S10	Foundation Layout
S11	Pile Record
S12-S13	Integral End Bent #1
S14-S15	Pier Details
S16-S17	Integral End Bent #2
S18	PPC I-Beam Type, HN 72 49
S19	Beam and Bearing Details
S20	Framing Plan
S21-S30	Superstructure
S31-S32	Construction Elevations
S33	Substructure Bills of Reinforcement
S34	Superstructure Bill of Reinforcement
S35	Aesthetic Treatments
S36	MSE Walls
S37-S39	Sign Supports

SPECIAL NOTES
Special Note For MSE Walls

SPECIAL PROVISIONS
69(12) Embankment at Bridge End Bent Structures

STANDARD DRAWINGS
BGX-006-09 Stencils for Structures
BGX-012-02 Geotechnical Legend
BJE-001-12 Neoprene Expansion Dams and Armored Edges
BBP-002-04 Bearing Details
RCX-100-05 Treatment of Embankment at End Bents
RCX-105-07 Treatment of Embankment at End Bents

SPECIFICATIONS	
2012 Standard Specifications for Road and Bridge Construction.	
6th Edition AASHTO LRFD Bridge Design Specifications (2012) with Interims thru 2013.	
CHANGED / ADDED QUANTITIES	12/09/14
REVISION	DATE
DATE: OCTOBER, 2014	CHECKED BY
DESIGNED BY: L.A. CARLISLE	J.N. McNUTT
DETAILED BY: J. ROSE	L.A. CARLISLE
Commonwealth of Kentucky	
DEPARTMENT OF HIGHWAYS	
COUNTY	
SCOTT	
ROUTE	CROSSING
KY 3552	OVER I-75
TITLE SHEET	
ITEM NUMBER	SHEET NO.
7-425.00	S01
PALMER ENGINEERING CO.	
DRAWING NO. 27181	

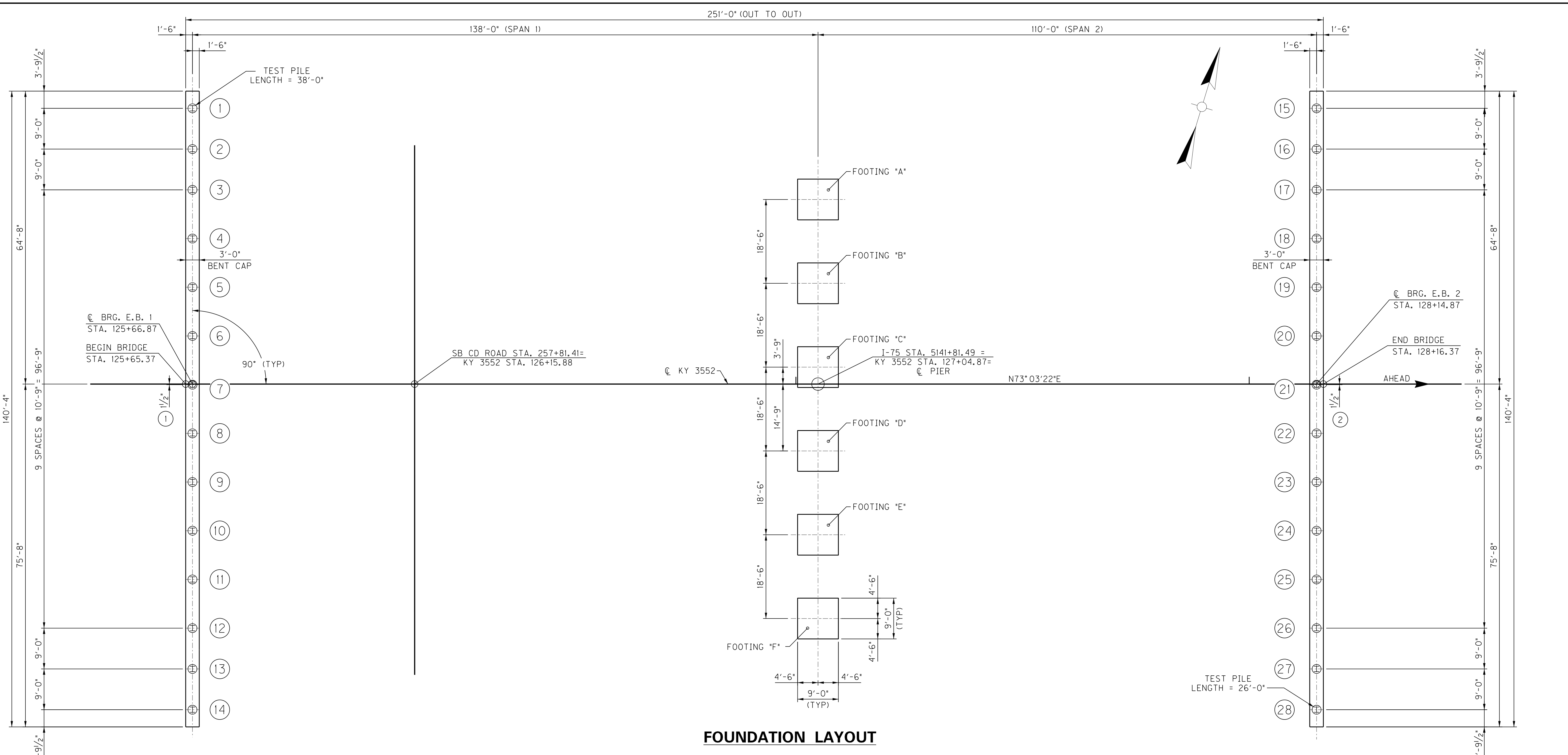


Lee A. Carlisle
Lee A. Carlisle
P.E. 25709
12/09/2014
DATE

- ① Pipe sleeves are incidental to pier diaphragm concrete. Refer to the pier details sheet for anchor dowel details.
- ② Fabric Geotextile Type 4 is incidental to Structure Granular Backfill.
- ③ All railing concrete and epoxy coated reinforcement are included in bid item codes 08104 and 08151. Therefore, there is no Type 3 Railing bid item.

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 E-SHEET NAME: MicroStation v8.11.9.459



FOUNDATION LAYOUT

⊕ - DENOTES VERTICAL PILE, HP 14x117, GRADE 50, IN A PILE SLEEVE.

NOTES

- ① CENTER OF END BENT 1, AT PILE 7, IS 1/2' RIGHT OF Ⓞ KY 3552, LOOKING AHEAD.
 - ② CENTER OF END BENT 2, AT PILE 21, IS 1/2' RIGHT OF Ⓞ KY 3552, LOOKING AHEAD.
- REFER TO SHEETS S02 AND S11 FOR GENERAL NOTES ON SPREAD FOOTINGS AND PILING.

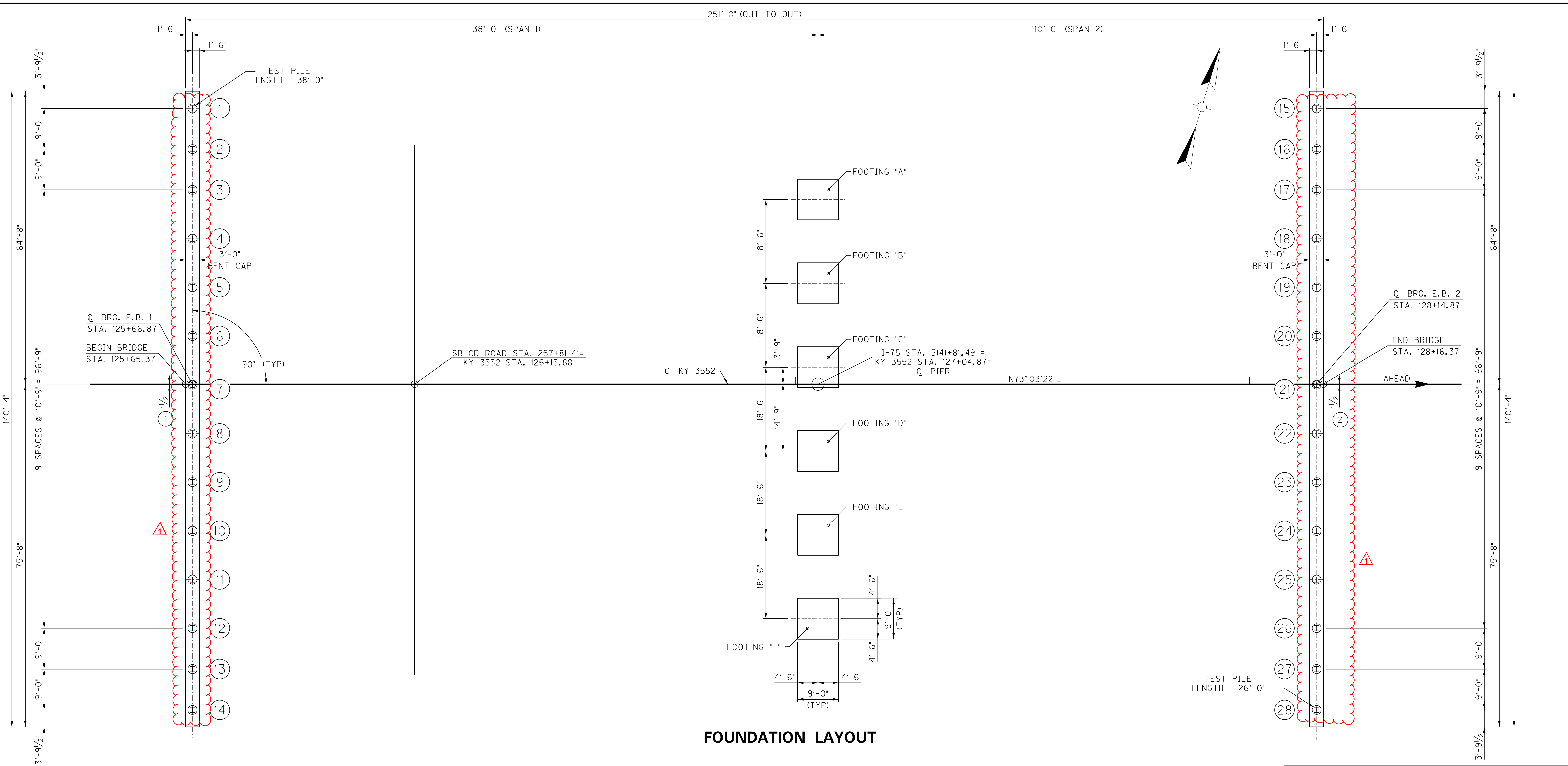
PRE-DRILLING

TO ENSURE A PILE EMBEDMENT OF 10 FEET BELOW THE TOP-OF-GRANULAR-EMBANKMENT ELEVATION, PILES 18 THROUGH 28 ARE ESTIMATED TO REQUIRE PRE-DRILLING.

WHERE PRE-DRILLING IS NECESSARY FOR PILE INSTALLATION, HOLES SHALL BE DRILLED INTO SOLID ROCK. BACKFILL THE HOLES WITH PEA GRAVEL AFTER THE PILE IS PLACED IN THE HOLE. A TEMPORARY CASING MAY BE REQUIRED TO PREVENT COLLAPSE OF THE HOLE. IF USED, REMOVE THE CASING AS THE HOLE IS BEING BACKFILLED. DRIVE PILES TO REFUSAL AFTER BACKFILL OPERATIONS ARE COMPLETE. INCLUDE THE COST OF ALL MATERIALS, LABOR, AND EQUIPMENT NEEDED TO PRE-DRILL AND BACKFILL THE HOLES IN THE PRICE PER LINEAR FOOT FOR 'PRE-DRILLING FOR PILES'.

REVISION		DATE
DATE: OCTOBER 2014	CHECKED BY	
DESIGNED BY: L.A. CARLISLE	J.N. McNUTT	
DETAILED BY: J. ROSE	J.N. McNUTT	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY SCOTT		
ROUTE KY 3552	CROSSING I-75	
FOUNDATION LAYOUT		
ITEM NUMBER	PREPARED BY	SHEET NO.
7-425.00	PALMER ENGINEERING CO.	S10
		DRAWING NO. 27181

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 DATE PLOTTED: September 18, 2012
 E-SHEET NAME: MicroStation v8.11.9.459



FOUNDATION LAYOUT

⊕ - DENOTES VERTICAL PILE, HP 14x117, GRADE 50, IN A PILE SLEEVE.

NOTES

- ① CENTER OF END BENT 1, AT PILE 7, IS 1/2" RIGHT OF C KY 3552, LOOKING AHEAD.
 - ② CENTER OF END BENT 2, AT PILE 21, IS 1/2" RIGHT OF C KY 3552, LOOKING AHEAD.
- REFER TO SHEETS S02 AND S11 FOR GENERAL NOTES ON SPREAD FOOTINGS AND PILING.

PRE-DRILLING

TO ENSURE A PILE EMBEDMENT OF 10 FEET BELOW THE TOP-OF-GRAVULAR-EMBANKMENT ELEVATION, PILES 18 THROUGH 28 ARE ESTIMATED TO REQUIRE PRE-DRILLING.

WHERE PRE-DRILLING IS NECESSARY FOR PILE INSTALLATION, HOLES SHALL BE DRILLED INTO SOLID ROCK. BACKFILL THE HOLES WITH PEA GRAVEL AFTER THE PILE IS PLACED IN THE HOLE. A TEMPORARY CASING MAY BE REQUIRED TO PREVENT COLLAPSE OF THE HOLE. IF USED, REMOVE THE CASING AS THE HOLE IS BEING BACKFILLED. DRIVE PILES TO REFUSAL AFTER BACKFILL OPERATIONS ARE COMPLETE. INCLUDE THE COST OF ALL MATERIALS, LABOR, AND EQUIPMENT NEEDED TO PRE-DRILL AND BACKFILL THE HOLES IN THE PRICE PER LINEAR FOOT FOR 'PRE-DRILLING FOR PILES'.

CHANGED / ADDED NOTES		12/09/14
REVISION		DATE
DATE: OCTOBER 2014	CHECKED BY	
DESIGNED BY: L.A. CARLISLE	J.N. McNUTT	
DETAILED BY: J. ROSE	J.N. McNUTT	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY SCOTT		
ROUTE KY 3552	CROSSING I-75	
FOUNDATION LAYOUT		
ITEM NUMBER	PREPARED BY	
7-425.00	PALMER ENGINEERING CO.	
	SHEET NO. S10	DRAWING NO. 27181

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 USER: jeffr
 DATE PLOTTED: September 18, 2012
 E-SHEET NAME:
 MicroStation v8.11.9.459

PILE RECORD FOR POINT BEARING PILES				
Pile No.	Pile Cut-off Elevation	Pile Length In Place	Point of Pile Elevation As Driven	Design Axial Load
	FEET	FEET	FEET	TONS
END BENT 1				
1	885.24			301.2
2	●			●
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13	●			●
14	885.24			301.2

PILE RECORD FOR POINT BEARING PILES				
Pile No.	Pile Cut-off Elevation	Pile Length In Place	Point of Pile Elevation As Driven	Design Axial Load
	FEET	FEET	FEET	TONS
END BENT 2				
15	888.91			301.2
16	●			●
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27	●			●
28	888.91			301.2

SPREAD FOOTING RECORD		
FOOTING	PLAN FOOTING ELEVATION	AS-BUILT FTG. ELEVATION
A	857.00	
B	857.00	
C	857.00	
D	857.00	
E	857.00	
F	857.00	

NOTE: AFTER ALL FOUNDATIONS HAVE BEEN PLACED, THE PROJECT RESIDENT ENGINEER SHALL RECORD THE BOTTOM OF FOOTING ELEVATION "AS BUILT" AND SHALL SUBMIT ONE COPY OF THIS SHEET WITH THIS DATA TO:

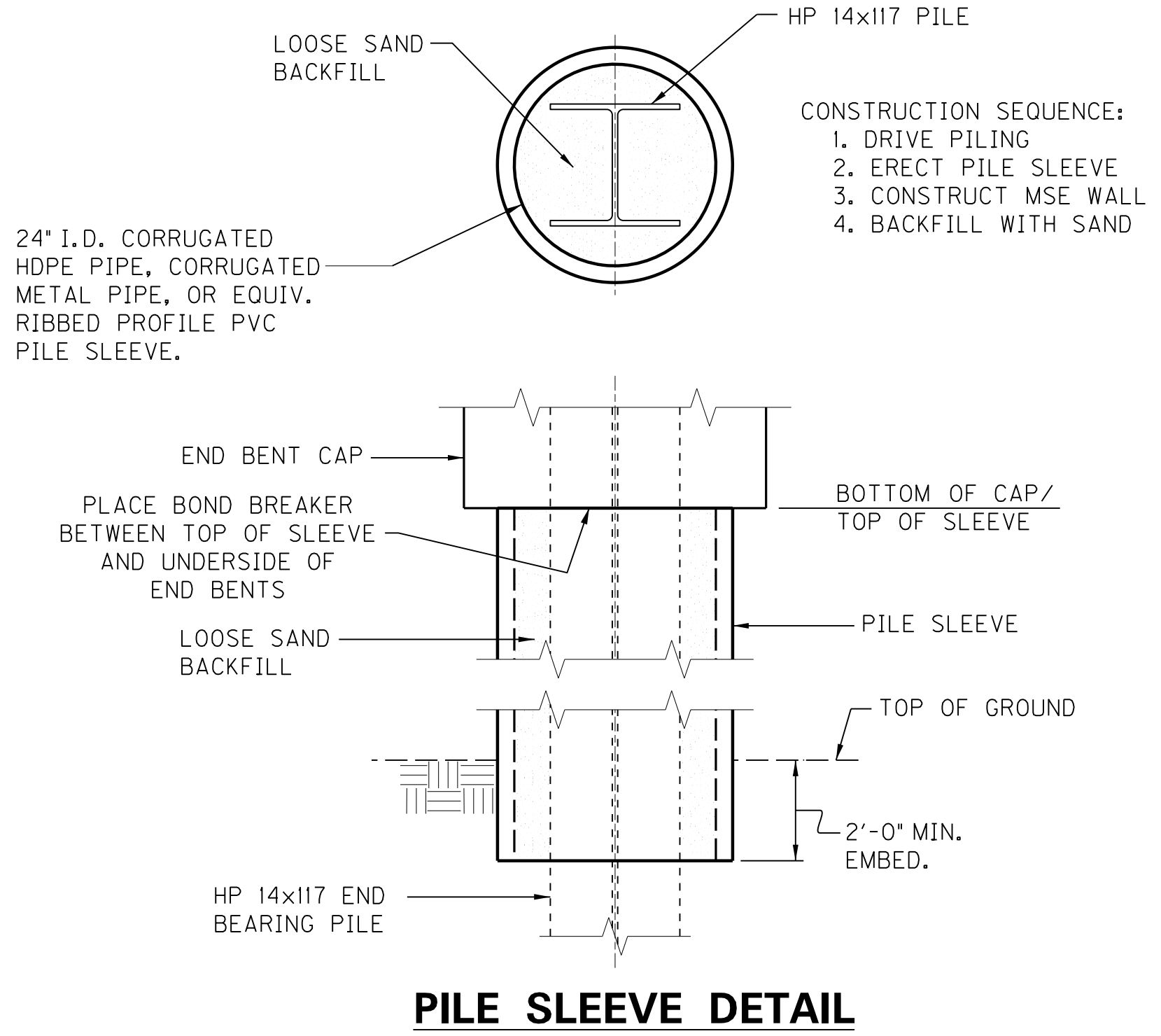
DIRECTOR, DIVISION OF STRUCTURAL DESIGN
 TRANSPORTATION CABINET OFFICE BLDG., 3RD FLOOR
 200 MERO STREET
 FRANKFORT, KY 40622

NOTE: IF THE SPREAD FOOTING FOUNDATION IS STEPPED DUE TO UNSUITABLE MATERIAL FOUND AT THE GIVEN ELEVATION, THE LOCATION AND ELEVATION OF THE STEP SHALL BE SHOWN ON THIS SHEET AND SUBMITTED ALONG WITH AS-BUILT ELEVATIONS.

THE ALLOWABLE BEARING CAPACITY IS 40 KSF

FOOTING IS DESIGNED FOR A MAXIMUM SERVICE PRESSURE OF 26 KSF

NOTE:
 THE PILE SLEEVE SHALL BE CENTERED AROUND THE PILE AND BRACED TO MAINTAIN POSITION DURING MSE WALL CONSTRUCTION.



PILE SLEEVES

DRIVE H-PILES TO REFUSAL BEFORE BEGINNING MSE WALL CONSTRUCTION AND CORRESPONDING BACKFILL OPERATIONS. AS THE INTERNAL BACKFILL IS BEING PLACED WITHIN THE REINFORCED ZONE OF THE MSE WALL, THE H-PILES SHALL BE ISOLATED FROM THE INTERNAL BACKFILL BY USING PREFABRICATED 24" I.D. PILE SLEEVES.

INCLUDE THE COST OF ALL MATERIALS, LABOR AND EQUIPMENT NEEDED TO PROVIDE AND PLACE PREFABRICATED PILE SLEEVES, AND TO DRIVE THE PILES TO REFUSAL, IN THE PRICE PER LINEAR FOOT FOR "PILES" STEEL HP 14 X 117".

Definitions of Terms

PILE CUT-OFF ELEVATION: Elevation of the top of pile in the finished structure.

PILE LENGTH IN PLACE: Actual pile length below the Pile Cut-Off Elevation in the finished structure.

POINT OF PILE ELEVATION AS DRIVEN: Actual point of pile elevation in the finished structure.

DESIGN AXIAL LOAD: Load carried by each pile as estimated from structural design calculations for Factored LRFD Loadings.

CALCULATED FIELD BEARING: Contrary to Section 604.03.07 of the Standard Specifications, in place bearing values are not required for piles bearing on rock when driven to practical refusal.

Field Data

For each pile, the Project Engineer shall record the following on this sheet: Pile Length in Place and Point of Pile Elevation as Driven.

Submit this record to:

Kentucky Transportation Cabinet
 Director, Division of Structural Design
 3rd Floor East
 200 Mero Street
 Frankfort, KY 40622

This pile record does not replace other pile records the Project Engineer is required to keep and submit.

Driving Criteria

DRIVING CRITERIA: Drive point bearing piles to practical refusal.

PRACTICAL REFUSAL (Case 1): Drive point bearing piles to practical refusal. For this project minimum blow requirements are reached after total penetration becomes 1/4" or less for 5 consecutive blows, practical refusal is obtained after the pile is struck an additional 5 blows with total penetration of 1/4 inch or less. Advance the production piling to the driving resistances specified above and to the depths determined by test pile(s) and subsurface data sheet(s). Immediately cease driving operations if the pile visibly yields or becomes damaged during driving. If hard driving is encountered because of dense strata or an obstruction, such as a boulder before the pile is advanced to the depth anticipated, the Engineer will determine if more blows than the average driving resistance specified for practical refusal is required to further advance the pile. Drive additional production and test piles if directed by the Engineer.

Single acting diesel hammers with rated energies of 20.1 to 40.6 kip-ft are recommended to adequately drive the piles without encountering excessive blow counts or overstressing the piles. The use of hammers other than single acting diesel may require different rated energies. The Contractor shall submit the proposed pile driving system to the Department for approval prior to the installation of the first pile. Approval of the pile driving system by the Engineer will be subject to satisfactory field performance of the pile driving procedures.

NOTE: SEE SHEETS S02 AND S10 FOR ADDITIONAL PILING DETAILS.

NOTE: ALL PILES ARE HP 14x117, GRADE 50.

REVISION		DATE
DATE: OCTOBER 2014	CHECKED BY	
DESIGNED BY: L.A. CARLISLE	J.N. McNUTT	
DETAILED BY: J. ROSE	J.N. McNUTT	
Commonwealth of Kentucky		
DEPARTMENT OF HIGHWAYS		
COUNTY		
SCOTT		
ROUTE	CROSSING	
KY 3552	I-75	
PILE RECORD		

ITEM NUMBER	PREPARED BY	SHEET NO.
7-425.00	PALMER ENGINEERING CO.	S11
		DRAWING NO.
		27181

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 DATE PLOTTED: September 18, 2012
 E-SHEET NAME:
 MicroStation v8.11.9.459

PILE RECORD FOR POINT BEARING PILES				
Pile No.	Pile Cut-off Elevation	Pile Length In Place	Point of Pile Elevation As Driven	Design Axial Load
	FEET	FEET	FEET	TONS
END BENT 1				
1	885.24			301.2
2	●			●
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13	●			●
14	885.24			301.2

PILE RECORD FOR POINT BEARING PILES				
Pile No.	Pile Cut-off Elevation	Pile Length In Place	Point of Pile Elevation As Driven	Design Axial Load
	FEET	FEET	FEET	TONS
END BENT 2				
15	888.91			301.2
16	●			●
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27	●			●
28	888.91			301.2

SPREAD FOOTING RECORD		
FOOTING	PLAN FOOTING ELEVATION	AS-BUILT FTG. ELEVATION
A	857.00	
B	857.00	
C	857.00	
D	857.00	
E	857.00	
F	857.00	

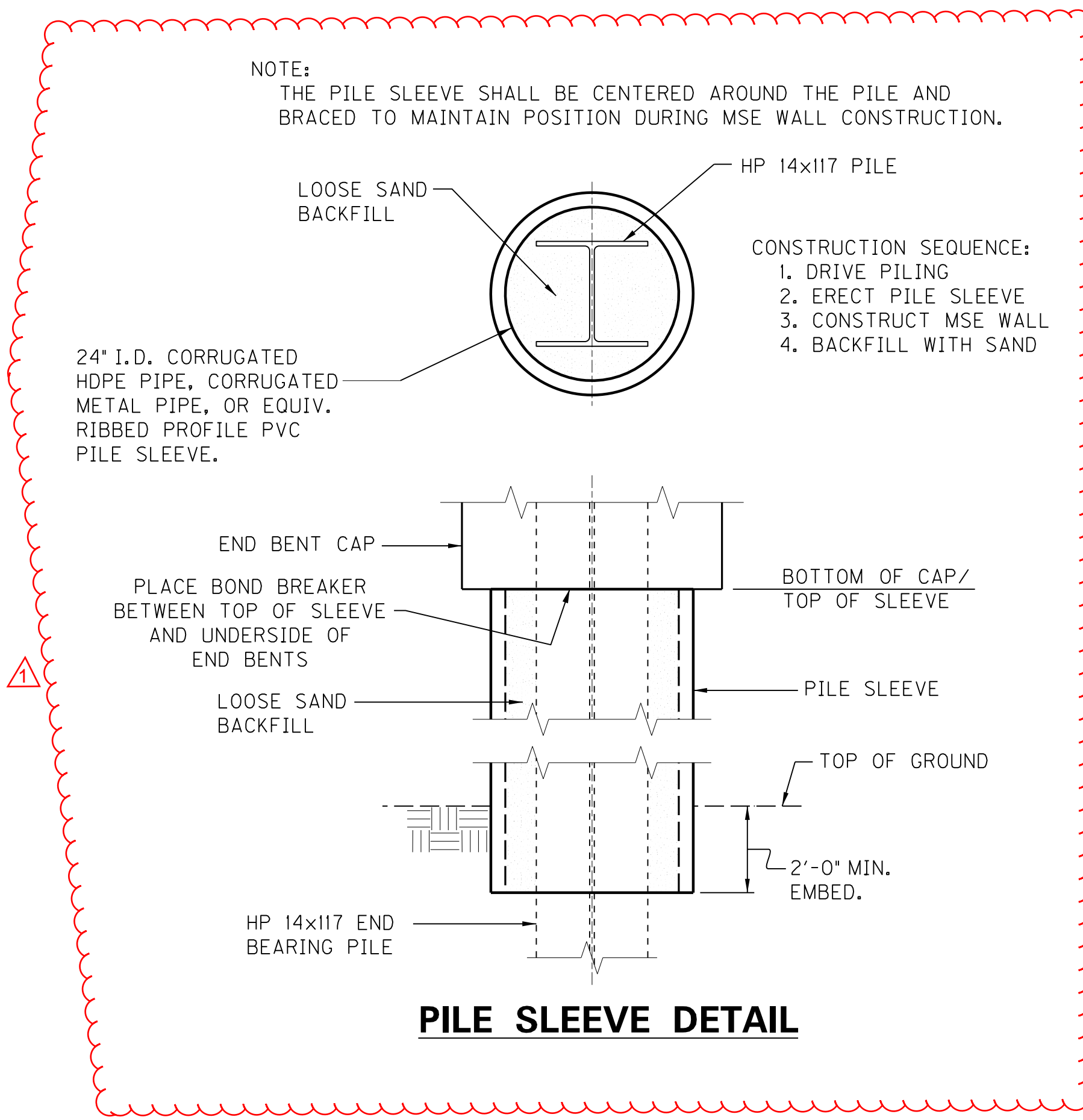
NOTE: AFTER ALL FOUNDATIONS HAVE BEEN PLACED, THE PROJECT RESIDENT ENGINEER SHALL RECORD THE BOTTOM OF FOOTING ELEVATION "AS BUILT" AND SHALL SUBMIT ONE COPY OF THIS SHEET WITH THIS DATA TO:

DIRECTOR, DIVISION OF STRUCTURAL DESIGN
 TRANSPORTATION CABINET OFFICE BLDG., 3RD FLOOR
 200 MERO STREET
 FRANKFORT, KY 40622

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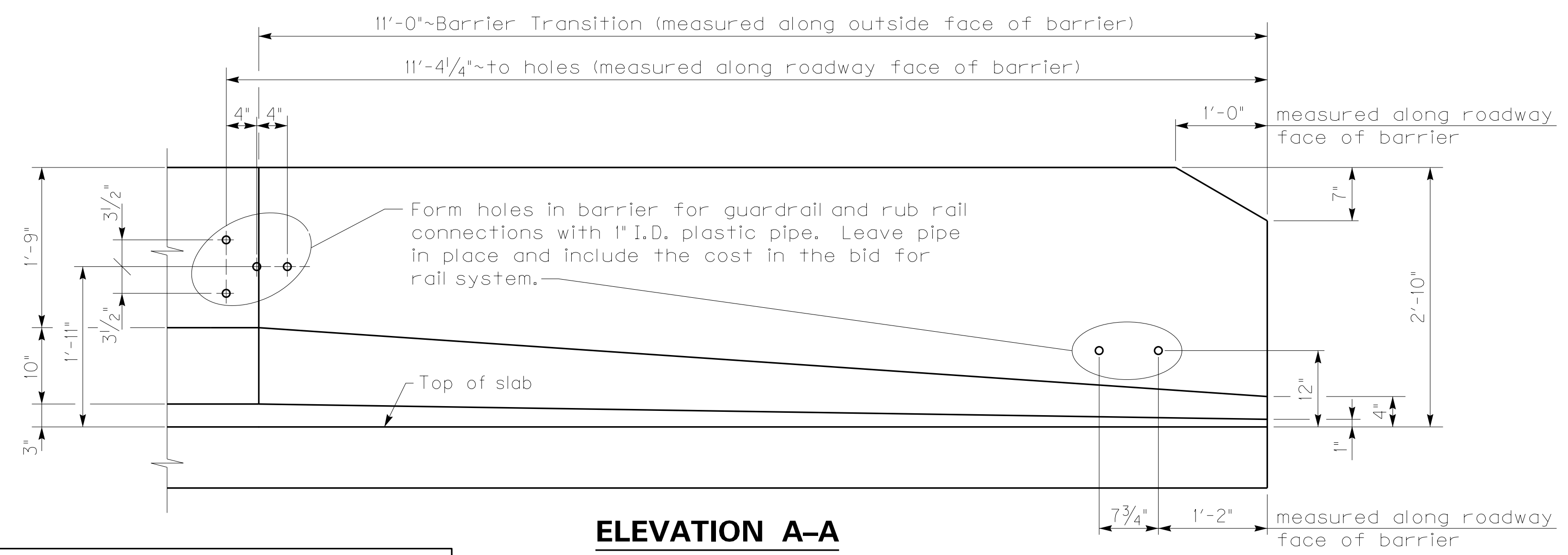
NOTE: SEE SHEETS S02 AND S10 FOR ADDITIONAL PILING DETAILS.

NOTE: ALL PILES ARE HP 14x117, GRADE 50.

CHANGED / ADDED NOTES AND DETAIL		12/09/14
REVISION		DATE
DATE: OCTOBER 2014	CHECKED BY	
DESIGNED BY: L.A. CARLISLE	J.N. McNUTT	
DETAILED BY: J. ROSE	J.N. McNUTT	
Commonwealth of Kentucky		
DEPARTMENT OF HIGHWAYS		
COUNTY		
SCOTT		
ROUTE	CROSSING	
KY 3552	I-75	
PILE RECORD		
PREPARED BY		SHEET NO.
PALMER ENGINEERING CO.		S11
		DRAWING NO.
		27181

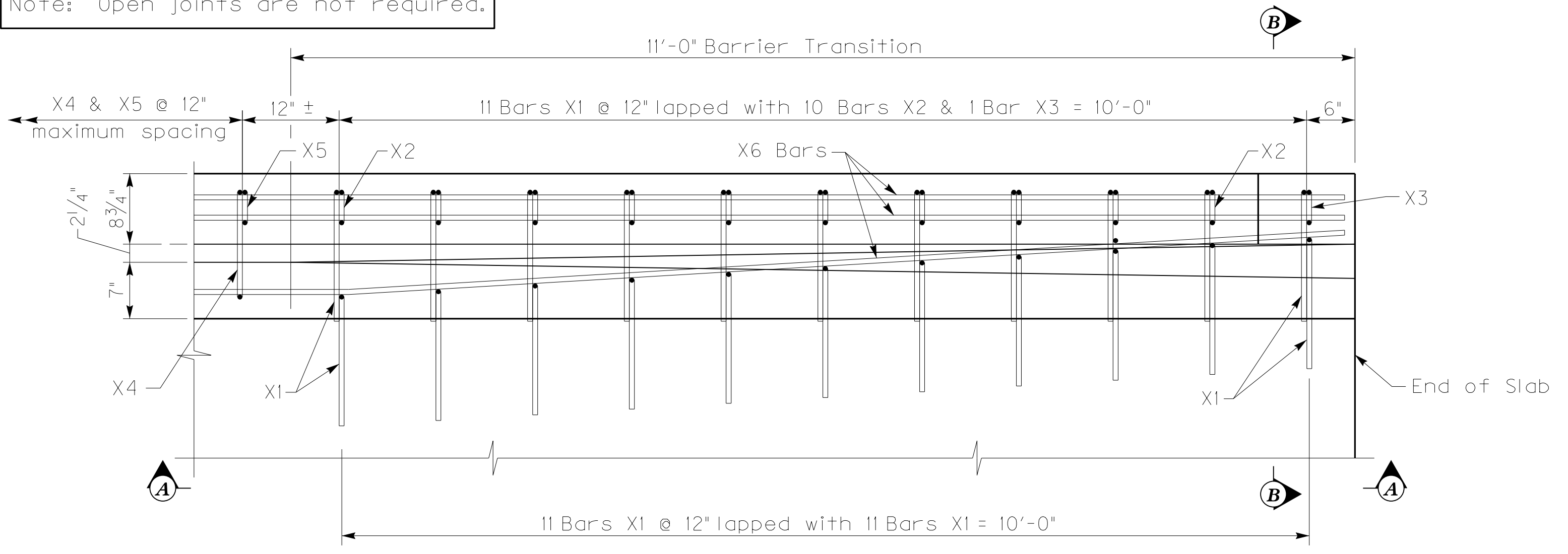
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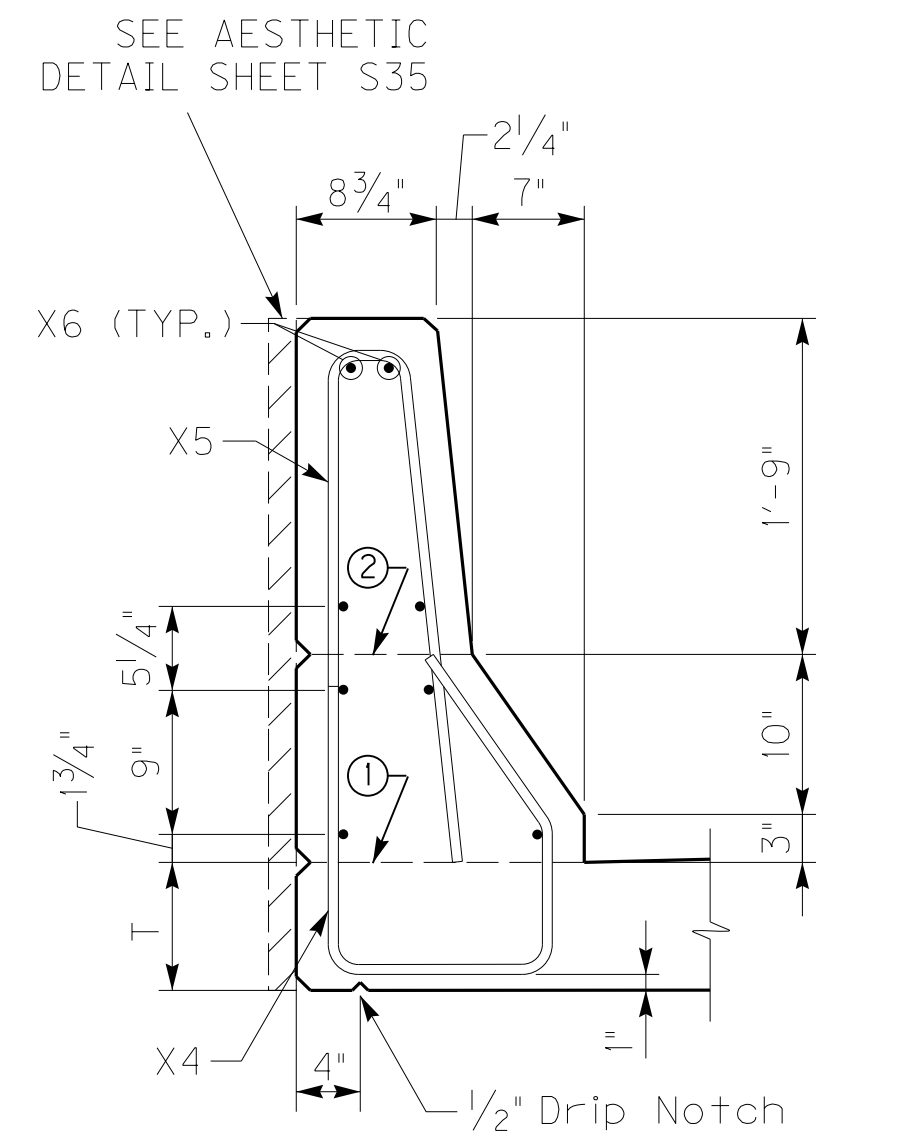


ELEVATION A-A

Note: Open joints are not required.

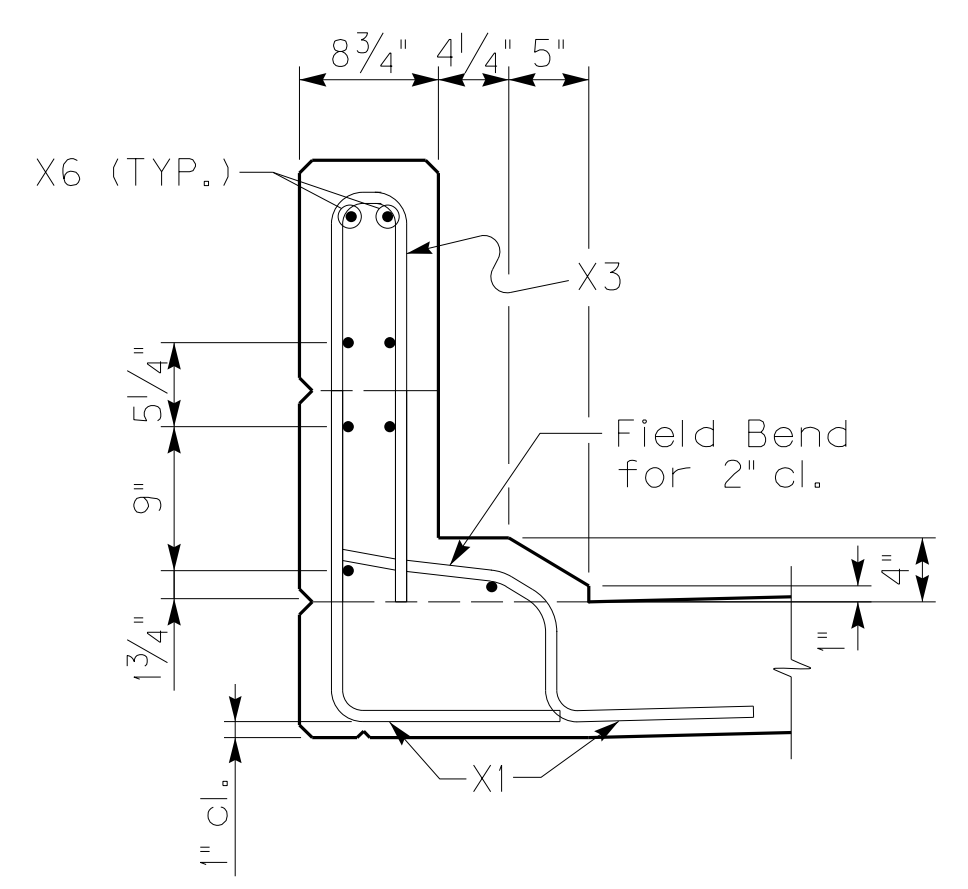


PLAN OF BARRIER TRANSITION

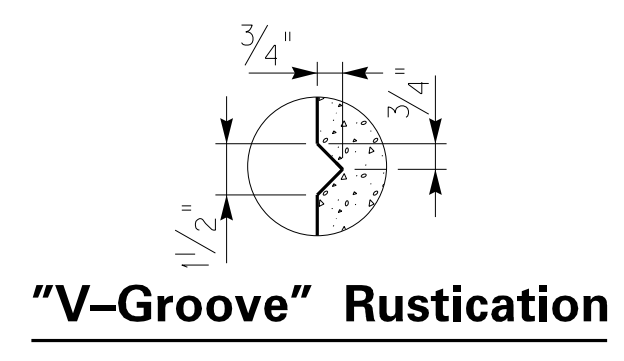


TYPICAL BARRIER SECTION

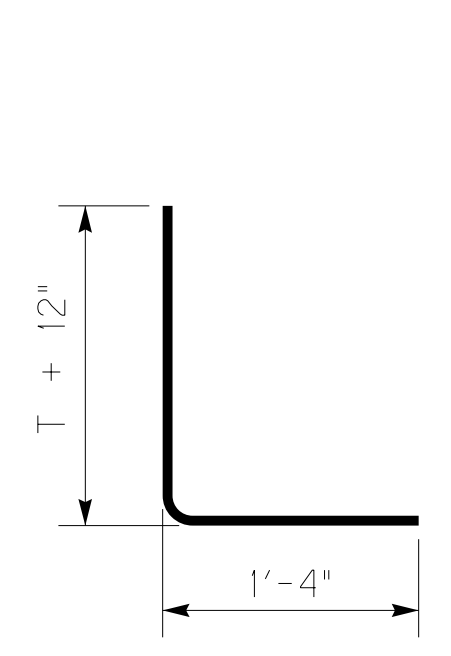
- ① Mandatory roughened construction joint. Concrete above this joint is to be placed after slab has been properly cured and included in the bid for Rail System, Type 3.
- ② Permissible construction joint. "V-Groove" rustication joint is required if construction joint is used. 1/4" Open Joints are not required.



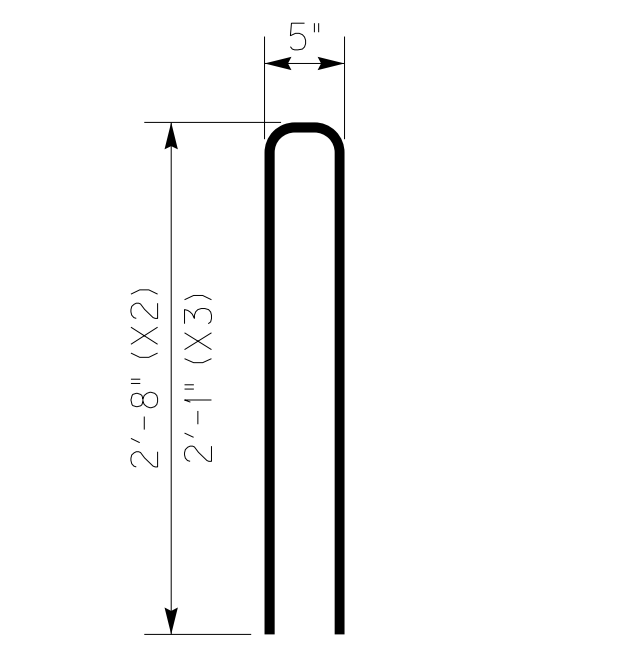
SECTION B-B



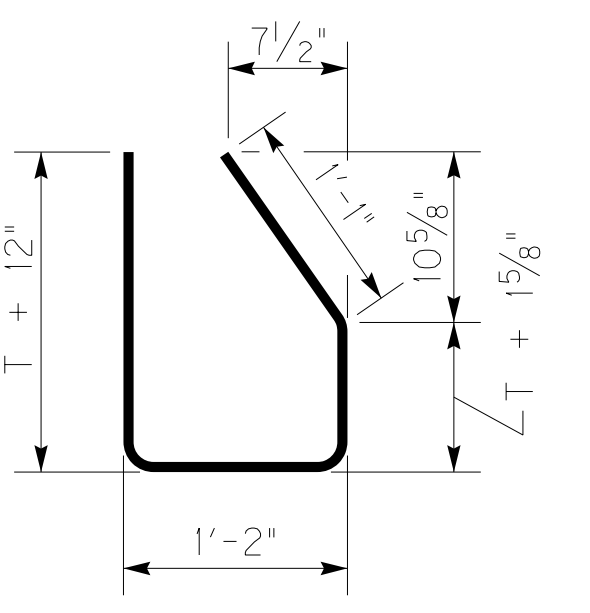
"V-Groove" Rustication



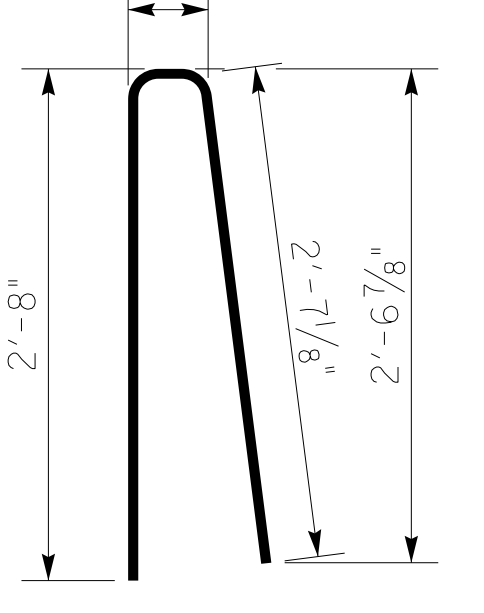
X1(e) Bars
#5 Bar



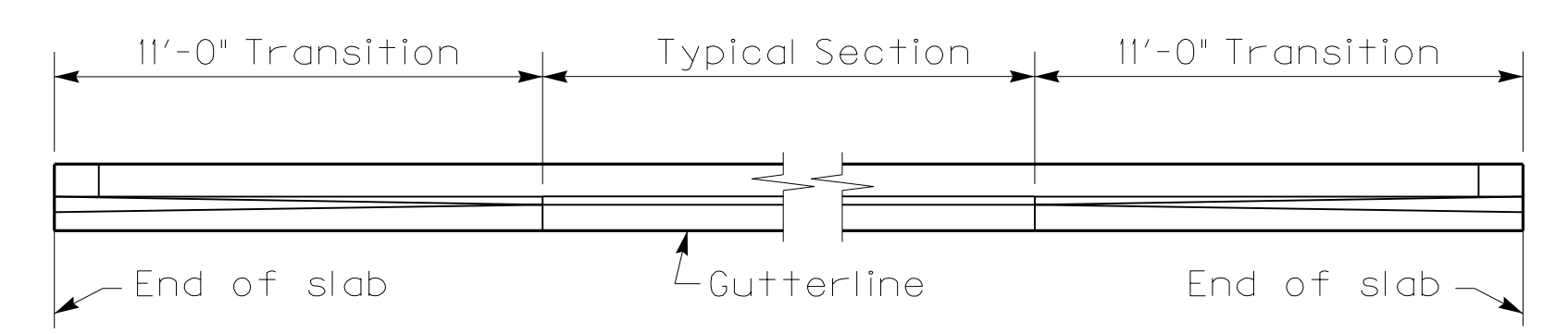
X2(e) & X3(e) Bars
#5 Bar



X4(e) Bars
#5 Bar

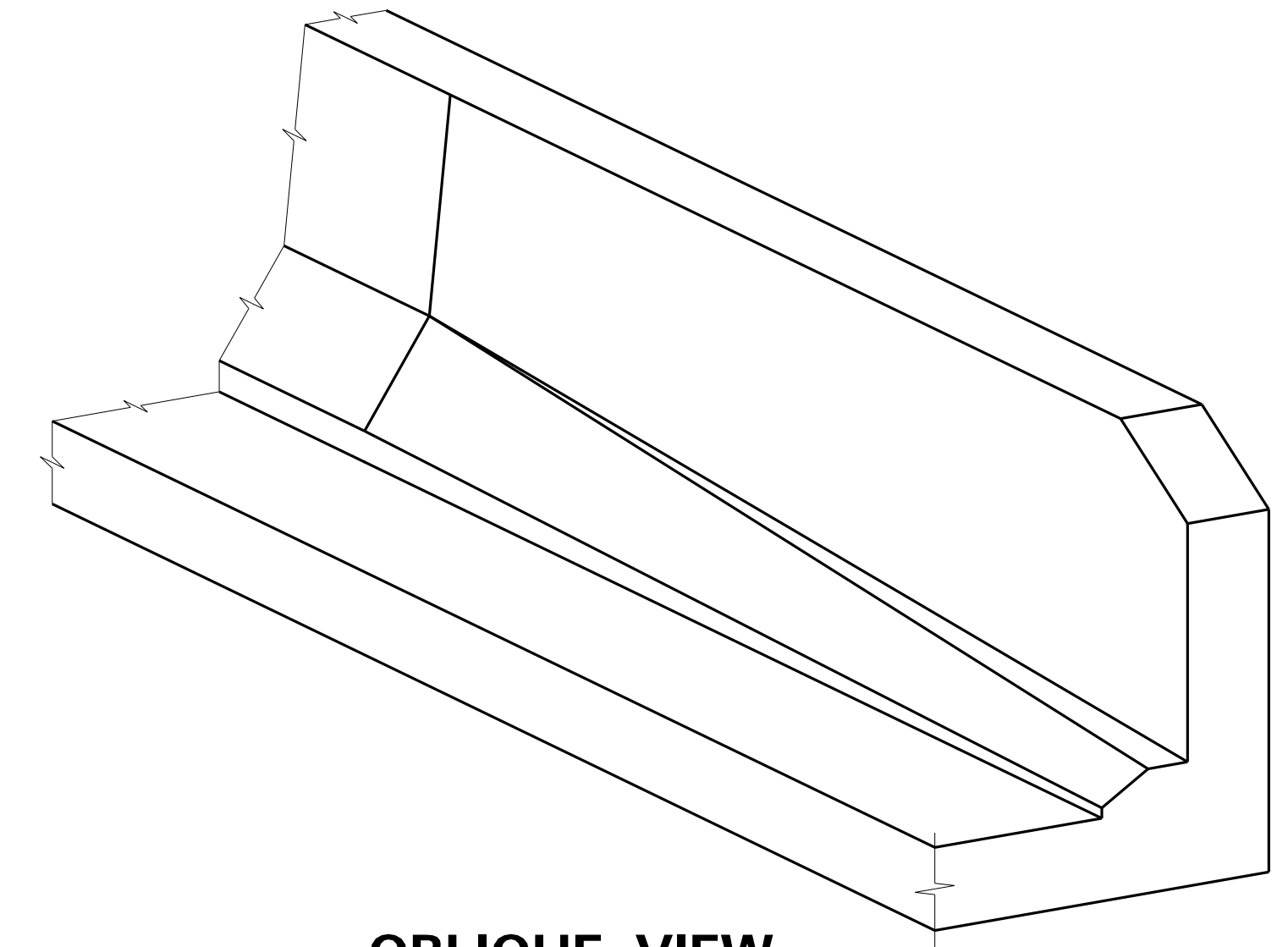


X5(e) Bars
#5 Bar



PLAN OF BARRIER

Note: X1 & X3 Bars at end of slab may be adjusted to maintain 2" minimum clearance on curved and skewed end bridges.



OBLIQUE VIEW

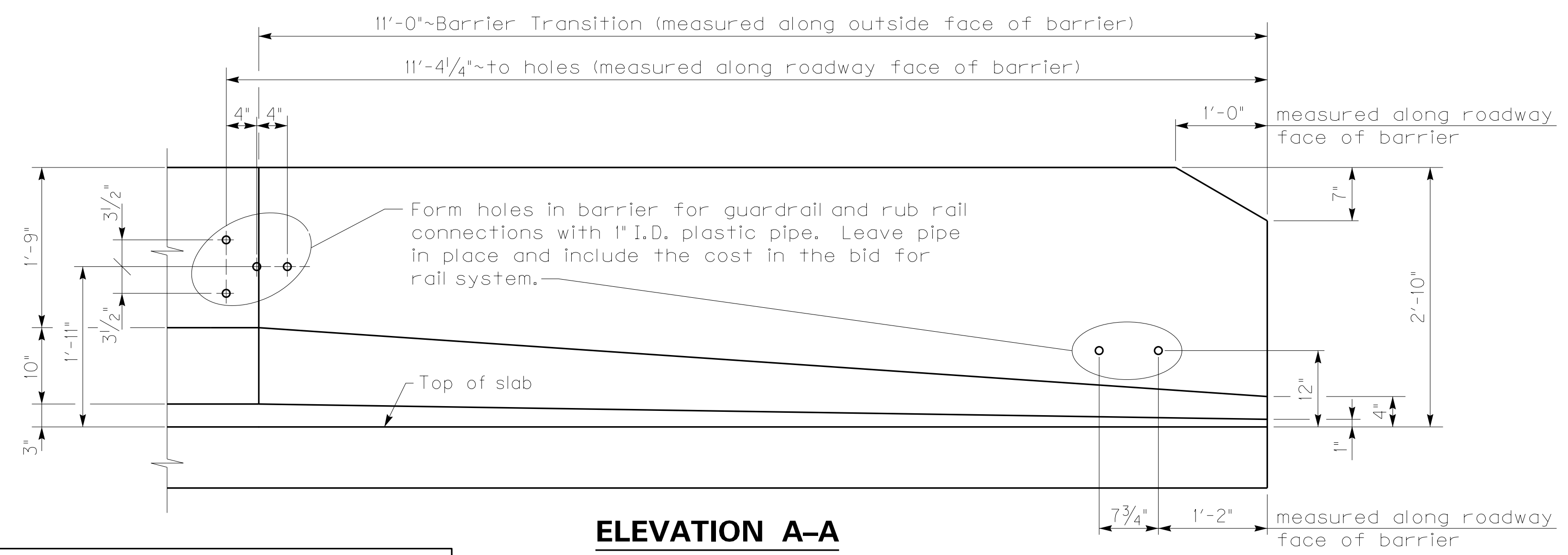
General Notes

CONCRETE: Use Class AA Concrete throughout.

REINFORCEMENT: All reinforcement shown on this sheet is to be epoxy coated. Use stirrup bend diameters for all bent bars. Straight reinforcement is to be Size #5 and lapped 2'-2" when necessary.

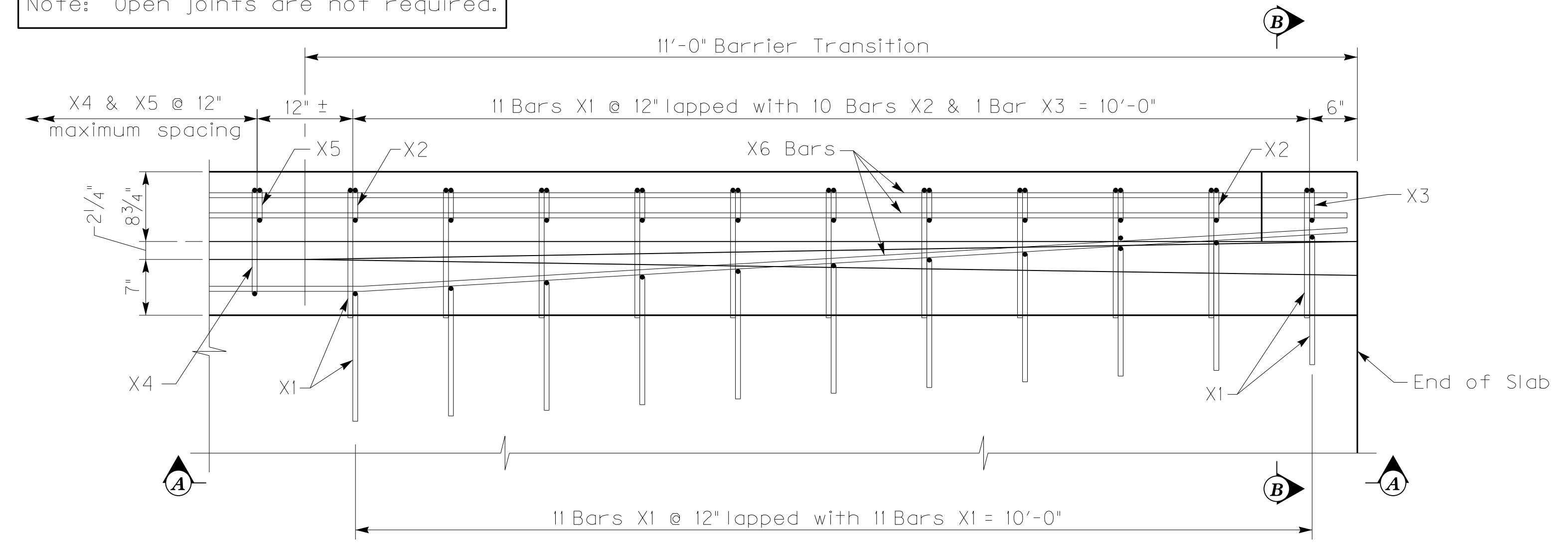
REVISION		DATE
DATE: OCTOBER 2014	CHECKED BY	
DESIGNED BY: L.A. CARLISLE	J.N. McNUTT	
DETAILED BY: J. ROSE	J.N. McNUTT	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY SCOTT		
ROUTE KY 3552	CROSSING I-75	
BARRIER TRANSITION		
ITEM NUMBER	PREPARED BY	SHEET NO.
7-425.00	PALMER ENGINEERING CO.	S23
		DRAWING NO.
		27181

9:18:20 AM
 12/9/2014
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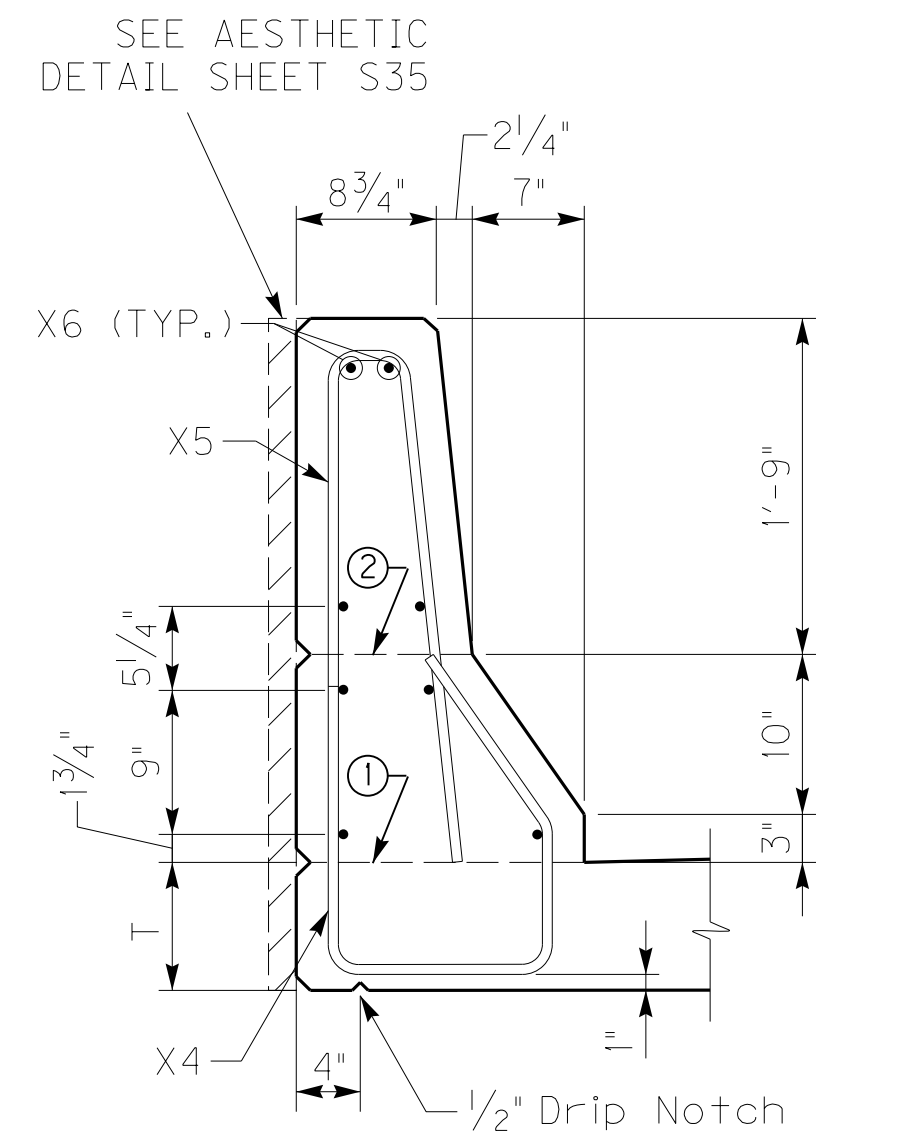


ELEVATION A-A

Note: Open joints are not required.

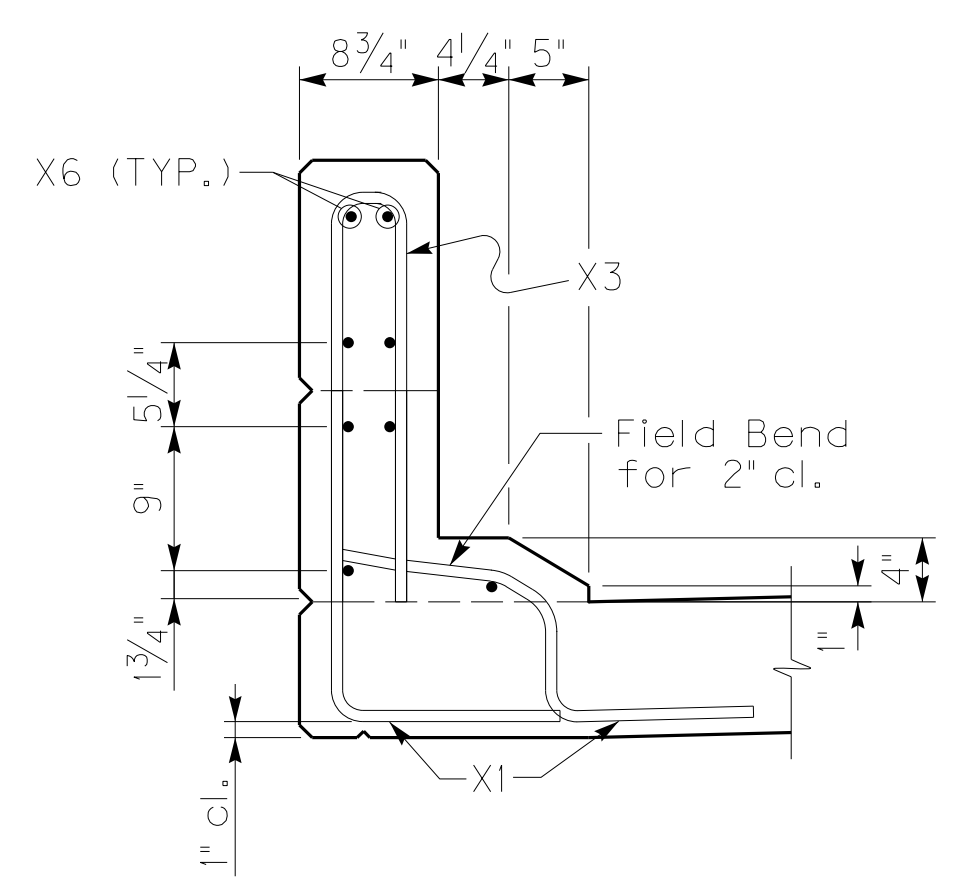


PLAN OF BARRIER TRANSITION

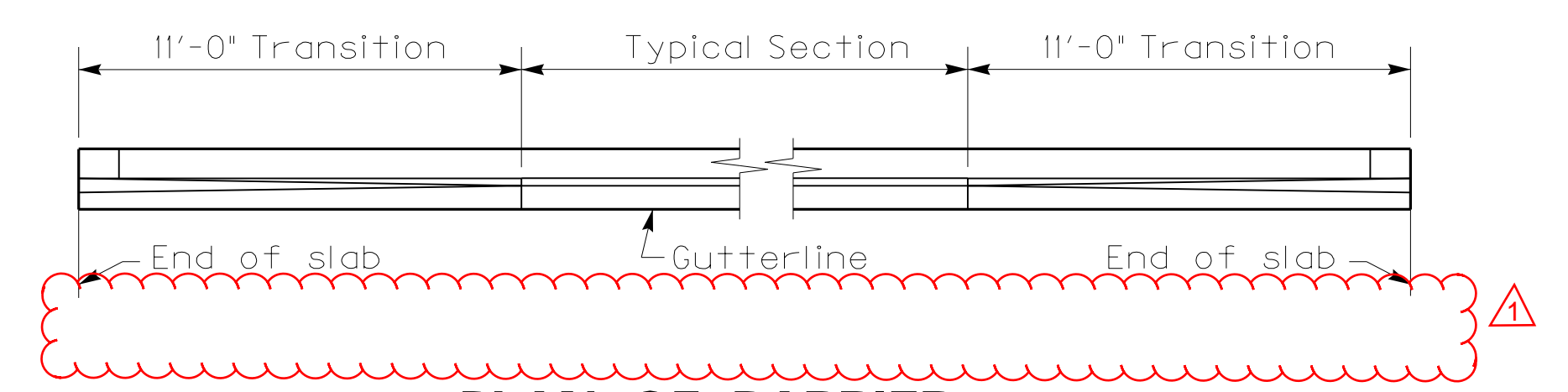
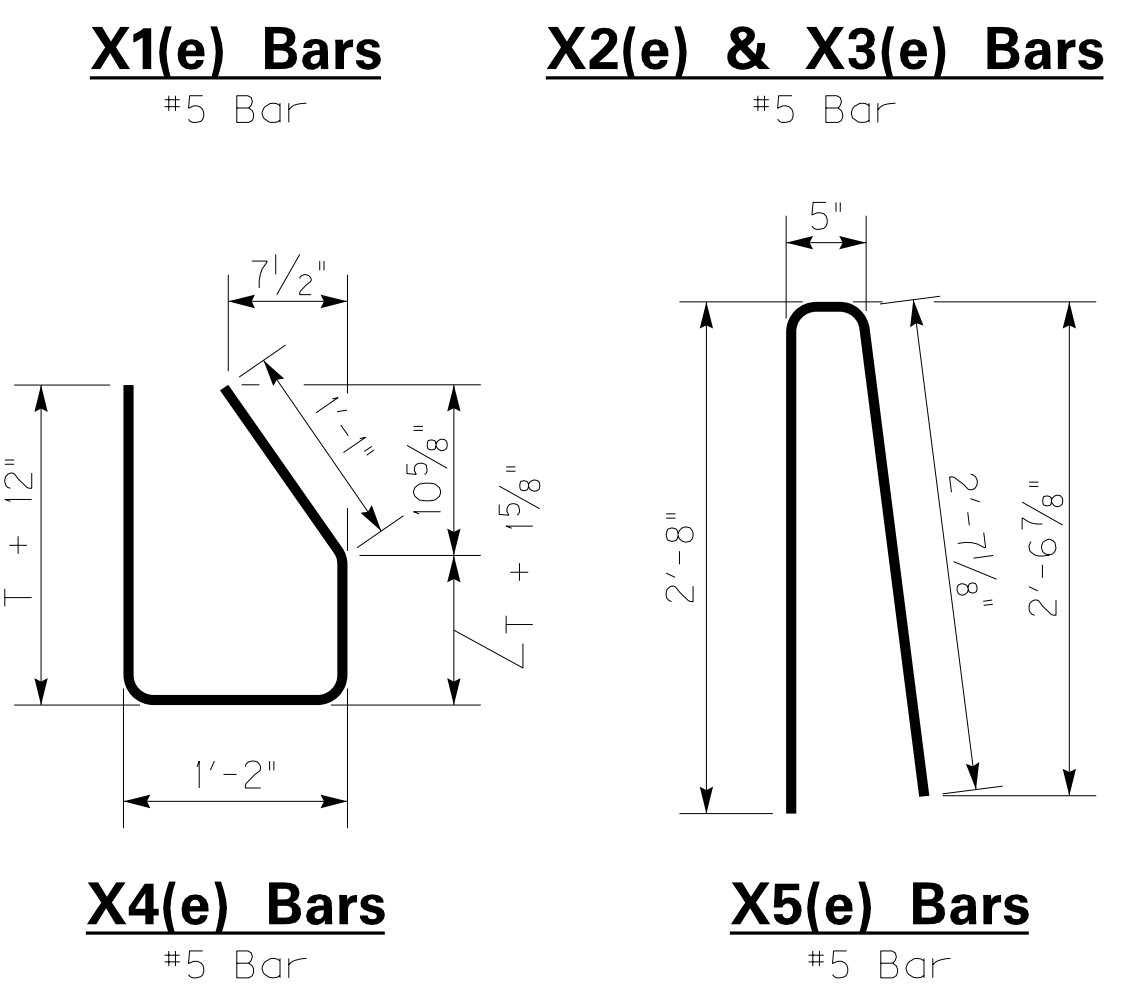
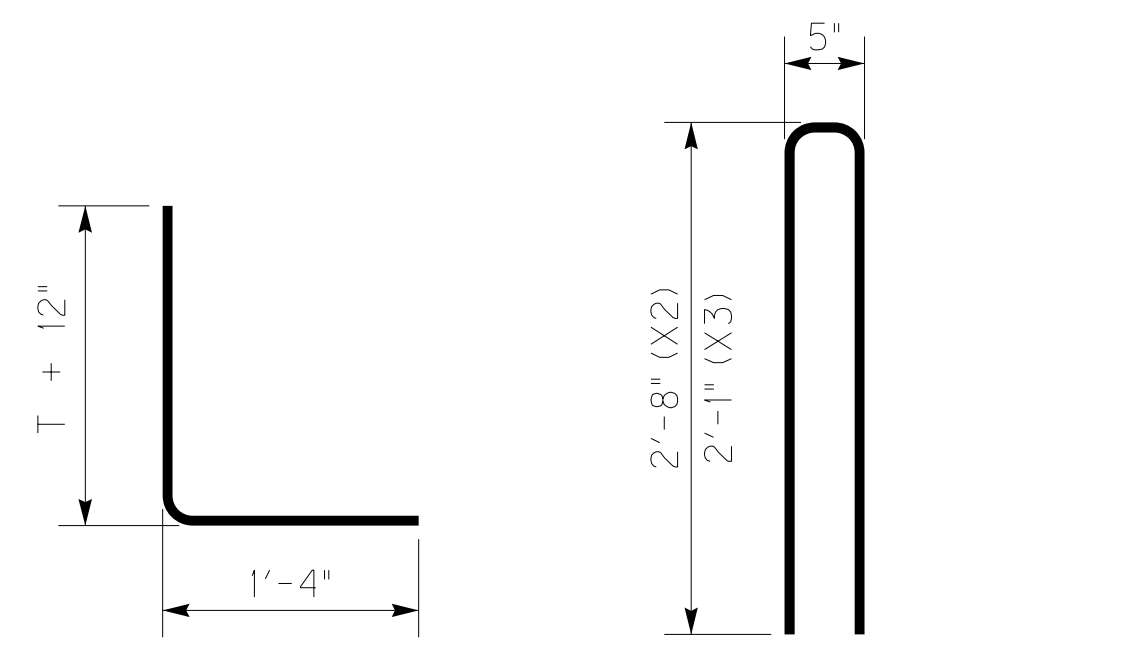
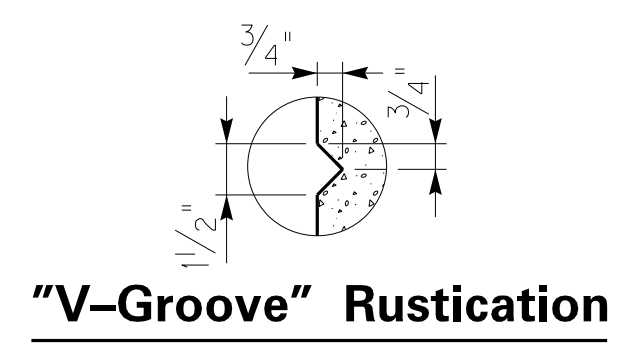


TYPICAL BARRIER SECTION

- Mandatory roughened construction joint. Concrete above this joint is to be placed after slab has been properly cured and included in the bid for Rail System, Type 3.
- Permissible construction joint. "V-Groove" rustication joint is required if construction joint is used. 1/4" Open Joints are not required.

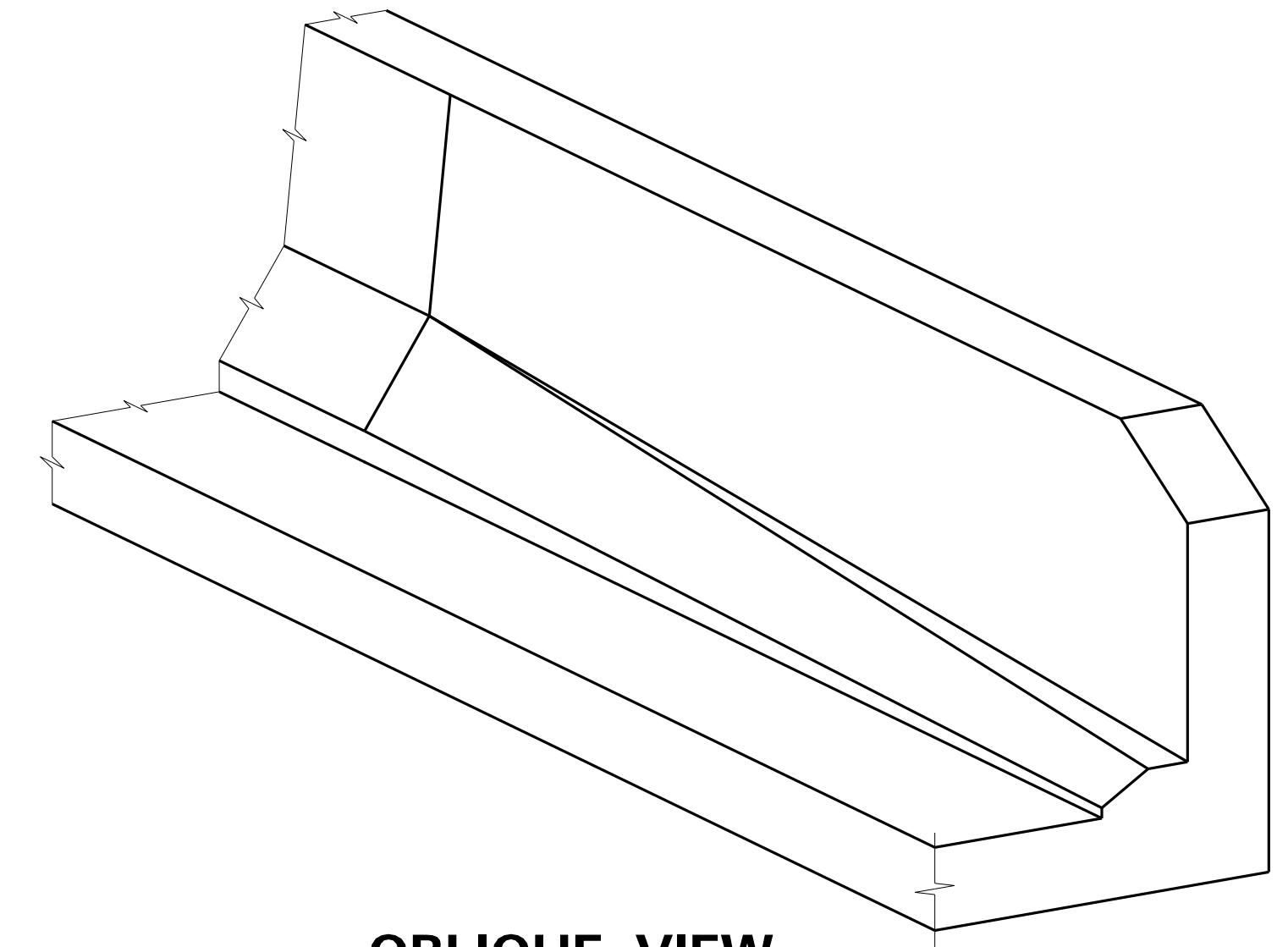


SECTION B-B



PLAN OF BARRIER

Note: X1 & X3 Bars at end of slab may be adjusted to maintain 2" minimum clearance on curved and skewed end bridges.



OBLIQUE VIEW

General Notes

CONCRETE: Use Class AA Concrete throughout.
REINFORCEMENT: All reinforcement shown on this sheet is to be epoxy coated. Use stirrup bend diameters for all bent bars. Straight reinforcement is to be Size #5 and lapped 2'-2" when necessary.

REMOVED PAY LIMITS DIMENSION		12/09/14
REVISION		DATE
DATE: OCTOBER 2014	CHECKED BY	
DESIGNED BY: L.A. CARLISLE	J.N. McNUTT	
DETAILED BY: J. ROSE	J.N. McNUTT	
Commonwealth of Kentucky		
DEPARTMENT OF HIGHWAYS		
COUNTY		
SCOTT		
ROUTE	CROSSING	
KY 3552	I-75	
BARRIER TRANSITION		
ITEM NUMBER	PREPARED BY	SHEET NO.
7-425.00	PALMER ENGINEERING CO.	S23
		DRAWING NO.
		27181

SPECIAL NOTES FOR UTILITY CLEARANCE

IMPACT ON CONSTRUCTION

**SCOTT COUNTY, NHPP 0756 (099)
FD52 105 88514
INTERSTATE 75
NEW INTERCHANGE AT TOYOTA
SIX YEAR PLAN ITEM NUMBER 7-425.00**

GENERAL PROJECT NOTE ON UTILITY PROTECTION

Utility relocations have not yet begun on this project. The full extent of the necessary Utility relocation work will not be known until all of the Utility Companies have submitted their relocation plan and estimate. It is unknown if the highway contractor will have productive work available through the project, that is for the highway contractor to determine. The highway contractor should not anticipate that any utility relocation work will be complete before the letting, or before the award of the contract; consequently, the highway contractor should prepare the construction schedule accordingly.

Kentucky Utilities Company – Transmissions. The company has stated that construction occurring beneath their facilities will require the Cabinet’s contractor to exercise additional diligence and caution. Therefore, in order to provide additional protection to both their facility and any personnel working in the area, they have established a twenty (20) foot clear zone around the conductor and neutral cables. The contractor is cautioned that this clear zone should not be breached in any manner, and should take this into account when determining construction methods and procedures. This note should be viewed as an addition to any other regularly employed safety measures, and is not intended to eliminate any safety measures.

NOTE: DO NOT DISTURB THE FOLLOWING UTILITIES LOCATED WITHIN THE PROJECT DISTURB LIMITS

Kentucky Utilities Company – Distribution. Aerial crossing at approximate station 5132+00, and at approximate station 5155+00. In addition to, facility adjacent to the project limits. The company has determined that the clearances above the Interstate-75 facility are adequate, and their facility will not require relocation.

Kentucky Utilities Company – Transmission. Crossing the mainline of I-75 at approximate station 5117+50, then continuing northeasterly to a crossing of the proposed Access Road, then proceeding adjacent to the proposed Access Road, from approximate station 160+00, and through the intersection with US-62. Additionally, the company has a facility adjacent to the east right-of-way line through the length of the project, from approximate station 5117+50 to approximate station 5158+00

Kentucky American Water Company facility adjacent to the east right-of-way line through the length of the project. In addition to facility located through the I-75 Access Road corridor from approximate station 120+00 to approximate station 128+50.

SPECIAL NOTES FOR UTILITY CLEARANCE

IMPACT ON CONSTRUCTION

SCOTT COUNTY, NHPP 0756 (099)
FD52 105 88514
INTERSTATE 75
NEW INTERCHANGE AT TOYOTA
SIX YEAR PLAN ITEM NUMBER 7-425.00

AT&T – Legacy. Facility located adjacent to the west right-of-way line through the length of the project.

AT&T – Kentucky is attached to KU – Distribution poles at the crossing at approximate station 5132+00. The company also has buried facility located on the east side of the I-75 facility from approximate station 5132+00 to approximate station 5150+00, serving the rest areas and the adjacent Toyota facility.

The Contractor is fully responsible for protection of all utilities listed above

THE FOLLOWING COMPANIES ARE RELOCATING/ADJUSTING THEIR UTILITIES WITHIN THE PROJECT LIMITS AND WILL BE COMPLETE PRIOR TO CONSTRUCTION

It is not anticipated that any of the utility facilities will be relocated prior to the letting of the project.

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE COMPANY OR THE COMPANY'S SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT

Kentucky Utilities Company – Transmission. Adjacent to the east right-of-way line through the length of the project. This facility will be relocated to an area outside of the proposed right-of-way along the east side of I-75, from approximate station 5130+00 to approximate station 5158+00, crossing the Access Road at approximate station 132+00. Additionally, there is a facility crossing the mainline of I-75 at approximate station 5117+50, then continuing northeasterly to a crossing of the proposed Access Road, then proceeding adjacent to the proposed Access Road, from approximate station 160+00, and through the intersection with US-62. The adjustments to this portion of the facility will be the replacement/relocation of two poles, located at approximate stations 156+00 (approximately 280 feet right, along the proposed access road to be “built by others”), and 159+25 (approximately 100 feet right). The delivery of the company’s steel structures is not expected until approximately June 2015; and, considering the amount of time the company has estimated will be required to complete the relocation work, the company has been assigned a completion date of November 1, 2016. However, this will also depend on allowable/scheduled outages of the transmission facility, and weather in the area, and through-out the region which may cause unexpected delays.

SPECIAL NOTES FOR UTILITY CLEARANCE

IMPACT ON CONSTRUCTION

**SCOTT COUNTY, NHPP 0756 (099)
FD52 105 88514
INTERSTATE 75
NEW INTERCHANGE AT TOYOTA
SIX YEAR PLAN ITEM NUMBER 7-425.00**

Kentucky American Water Company facility adjacent to the east right-of-way line through the length of the project. In addition the company has a facility located through the I-75 Access Road corridor from approximate station 120+00 to approximate station 129+00, and currently located in the area of the proposed bridge construction. The company is expected to relocate their facility to the utility easement areas being acquired at the same time as the right-of-way; consequently, should be relocated to outside of the construction areas, except possibly where the new facility will cross the proposed Access Road and the existing Interstate-75 roadways. Unfortunately, at this time the right-of-way and the easement areas have not been secured, and the company has yet to provide a final relocation plan and estimate. Therefore, even though we have nothing upon which to base a beginning or a completion date for this relocation, we are assigning a completion date to this company of November 1, 2016. However, weather in the area may cause further delays.

AT&T – Legacy. Facility located adjacent to the west right-of-way line through the length of the project. The company is expected to relocate their facility to the utility easement areas being acquired at the same time as the right-of-way; consequently, should be relocated to outside of the construction areas, except possibly where the new facility will cross the proposed Access Road. Unfortunately, at this time the right-of-way and the easement areas have not been secured, and the company has yet to provide a final relocation plan and estimate. Therefore, even though the company had previously provided an optimistic clearance date, we have nothing further upon which to base a beginning or a completion date for this relocation. Consequently, we are assigning a completion date to this company of November 1, 2016. However, acquisition of a cut-over date and/or weather in the area may cause further delays.

AT&T – Kentucky is attached to KU – Distribution poles at the crossing at approximate station 5132+00. The company also has buried facility located on the east side of the I-75 facility from approximate station 5132+00 to approximate station 5150+00, serving the rest areas and the adjacent Toyota facility. The company has yet to determine the extent of their relocation; however, it is expected that any necessary relocation will utilize the utility easement areas being acquired at the same time as the right-of-way; consequently, should be relocated to outside of the construction areas, except possibly where the new facility may need to cross the proposed Access Road and/or the existing Interstate-75 roadways. Unfortunately, at this time the right-of-way and the easement areas have not been secured, and the company has yet to provide a final relocation plan and estimate. Therefore, even though we have nothing upon which to base a beginning or a completion date for this relocation, we are assigning a completion date to this company of November 1, 2016. However, weather in the area may cause further delays.

SPECIAL NOTES FOR UTILITY CLEARANCE
IMPACT ON CONSTRUCTION

SCOTT COUNTY, NHPP 0756 (099)
FD52 105 88514
INTERSTATE 75
NEW INTERCHANGE AT TOYOTA
SIX YEAR PLAN ITEM NUMBER 7-425.00

The Department will consider submission of a bid as the Contractor's agreement to not make any claims for additional compensation due to delays or other conditions created by the operations of the utility companies. Working days will not be charged for those days on which work on the utility companies' is delayed, as provided in the current edition of the KY Standard Specifications for Road and Bridge Construction. Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to the project, the KYTC Resident Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the Department's work in general harmony and in a satisfactory manner, and his decision shall be final and binding upon the Contractor.

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE ROAD CONTRACTOR AS INCLUDED IN THIS CONTRACT

The sanitary sewer facilities serving the I-75 Rest Areas are the property of the Commonwealth of Kentucky, and the relocation and/or adjustment of those facilities have been included as a part of the Cabinet's project proposal.

SPECIAL NOTES FOR UTILITY CLEARANCE

IMPACT ON CONSTRUCTION

**SCOTT COUNTY, NHPP 0756 (099)
FD52 105 88514
INTERSTATE 75
NEW INTERCHANGE AT TOYOTA
SIX YEAR PLAN ITEM NUMBER 7-425.00**

SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

The contractor will be responsible for contacting all utility facility owners on the subject project to coordinate his activities. The contractor will coordinate his activities to minimize and, where possible, avoid conflicts with utility facilities. Due to the nature of the work proposed, it is unlikely to conflict with the existing utilities beyond minor facility adjustments. Where conflicts with utility facilities are unavoidable, the contractor will coordinate any necessary relocation work with the facility owner and Resident Engineer. The Kentucky Transportation Cabinet maintains the right to remove or alter portions of this contract if a utility conflict occurs.

The utility facilities as noted in the previous section(s) have been determined using data garnered by varied means and with varying degrees of accuracy: from the facility owners, a result of S.U.E., field inspections, and/or reviews of record drawings. The facilities defined may not be inclusive of all utilities in the project scope and are not Level A quality, unless specified as such. It is the contractor's responsibility to verify all utilities and their respective locations before excavating.

BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

Please Note: The information presented in this Utility Note is informational in nature and the information contained herein is not guaranteed.

PROPOSAL BID ITEMS

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	73,775.00	TON		\$	
0020	00013		LIME STABILIZED ROADBED	159,583.00	SQYD		\$	
0030	00014		LIME	2,826.00	TON		\$	
0040	00018		DRAINAGE BLANKET-TYPE II-ASPH	31,952.00	TON		\$	
0060	00100		ASPHALT SEAL AGGREGATE	276.00	TON		\$	
0070	00103		ASPHALT SEAL COAT	33.00	TON		\$	
0080	00217		CL4 ASPH BASE 1.00D PG64-22	68,084.00	TON		\$	
0090	00219		CL4 ASPH BASE 1.00D PG76-22	32,554.00	TON		\$	
0100	00301		CL2 ASPH SURF 0.38D PG64-22	832.00	TON		\$	
0110	00342		CL4 ASPH SURF 0.38A PG76-22	10,315.00	TON		\$	
0120	00358		ASPHALT CURING SEAL	461.00	TON		\$	
0130	02070		JPC PAVEMENT-12 IN	3,042.00	SQYD		\$	
0140	02077		JPC PAVEMENT-12 IN SHLD	1,007.00	SQYD		\$	
0150	02084		JPC PAVEMENT-8 IN	578.00	SQYD		\$	
0160	02702		SAND FOR BLOTTER	399.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0840	00069		CRUSHED AGGREGATE SIZE NO 3	4,807.00	TON		\$	
0850	00078		CRUSHED AGGREGATE SIZE NO 2	4,946.00	TON		\$	
0860	00080		CRUSHED AGGREGATE SIZE NO 23	4,807.00	TON		\$	
0870	01000		PERFORATED PIPE-4 IN	35,011.00	LF		\$	
0880	01001		PERFORATED PIPE-6 IN	7,970.00	LF		\$	
0890	01010		NON-PERFORATED PIPE-4 IN	2,970.00	LF		\$	
0900	01011		NON-PERFORATED PIPE-6 IN	68.00	LF		\$	
0910	01020		PERF PIPE HEADWALL TY 1-4 IN	9.00	EACH		\$	
0920	01024		PERF PIPE HEADWALL TY 2-4 IN	8.00	EACH		\$	
0930	01028		PERF PIPE HEADWALL TY 3-4 IN	69.00	EACH		\$	
0940	01032		PERF PIPE HEADWALL TY 4-4 IN	53.00	EACH		\$	
0950	01065		STEEL ENCASEMENT PIPE-8 IN	240.00	LF		\$	
0960	01310		REMOVE PIPE	80.00	LF		\$	
0970	01691		FLUME INLET TYPE 2	2.00	EACH		\$	
0980	01811		STANDARD CURB AND GUTTER MOD	26,228.00	LF		\$	
0990	01830		STANDARD INTEGRAL CURB	321.00	LF		\$	
1000	01840		LIP INTEGRAL CURB	415.00	LF		\$	
1010	01895		VALLEY GUTTER	125.00	LF		\$	
1020	01897		ASPHALT WEDGE CURB	293.00	LF		\$	
1030	01915		STANDARD BARRIER MEDIAN TYPE 1	2,271.00	SQYD		\$	
1040	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	78.00	EACH		\$	
1050	01986		DELINEATOR FOR BARRIER WALL-B/Y	9.00	EACH		\$	
1060	02001		CURB TO BARRIER WALL TRANS	2.00	EACH		\$	
1070	02003		RELOCATE TEMP CONC BARRIER	26,000.00	LF		\$	
1080	02014		BARRICADE-TYPE III	8.00	EACH		\$	
1090	02091		REMOVE PAVEMENT	1,243.00	SQYD		\$	
1100	02159		TEMP DITCH	24,700.00	LF		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1110	02160		CLEAN TEMP DITCH	24,700.00	LF		\$	
1120	02203		STRUCTURE EXCAV-UNCLASSIFIED	403.00	CUYD		\$	
1130	02230		EMBANKMENT IN PLACE	522,186.00	CUYD		\$	
1140	02242		WATER	10.00	MGAL		\$	
1150	02261		FENCE-WOVEN WIRE	17,844.00	LF		\$	
1160	02274		FENCE-6 FT CHAIN LINK	355.00	LF		\$	
1170	02351		GUARDRAIL-STEEL W BEAM-S FACE	6,995.00	LF		\$	
1180	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	5.00	EACH		\$	
1190	02367		GUARDRAIL END TREATMENT TYPE 1	9.00	EACH		\$	
1200	02369		GUARDRAIL END TREATMENT TYPE 2A	10.00	EACH		\$	
1210	02381		REMOVE GUARDRAIL	1,228.00	LF		\$	
1220	02429		RIGHT-OF-WAY MONUMENT TYPE 1	63.00	EACH		\$	
1230	02432		WITNESS POST	3.00	EACH		\$	
1240	02471		FILL AND CAP SINKHOLE	1.00	EACH		\$	
1250	02483		CHANNEL LINING CLASS II	1,076.00	TON		\$	
1260	02484		CHANNEL LINING CLASS III	311.00	TON		\$	
1270	02545		CLEARING AND GRUBBING 111 ACRES	1.00	LS		\$	
1280	02562		TEMPORARY SIGNS	492.00	SQFT		\$	
1290	02585		EDGE KEY	466.00	LF		\$	
1300	02599		FABRIC-GEOTEXTILE TYPE IV	19,000.00	SQYD		\$	
1310	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	36,650.00	SQYD	\$2.00	\$	\$73,300.00
1320	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
1330	02671		PORTABLE CHANGEABLE MESSAGE SIGN	7.00	EACH		\$	
1340	02696		SHOULDER RUMBLE STRIPS-SAWED	36,175.00	LF		\$	
1350	02701		TEMP SILT FENCE	24,700.00	LF		\$	
1360	02703		SILT TRAP TYPE A	111.00	EACH		\$	
1370	02704		SILT TRAP TYPE B	111.00	EACH		\$	
1380	02705		SILT TRAP TYPE C	111.00	EACH		\$	
1390	02706		CLEAN SILT TRAP TYPE A	666.00	EACH		\$	
1400	02707		CLEAN SILT TRAP TYPE B	666.00	EACH		\$	
1410	02708		CLEAN SILT TRAP TYPE C	666.00	EACH		\$	
1420	02709		CLEAN TEMP SILT FENCE	49,400.00	LF		\$	
1430	02726		STAKING	1.00	LS		\$	
1440	02731		REMOVE STRUCTURE BARN	1.00	LS		\$	
1450	02731		REMOVE STRUCTURE SHED	1.00	LS		\$	
1460	02898		RELOCATE CRASH CUSHION	4.00	EACH		\$	
1470	02900		INSTALL TEMP CRASH CUSHION	2.00	EACH		\$	
1480	03171		CONCRETE BARRIER WALL TYPE 9T	13,000.00	LF		\$	
1490	03287		SIDEWALK RAMP TYPE 1	18.00	EACH		\$	
1500	03382		PVC PIPE-3 IN	3,100.00	LF		\$	
1510	04797		CONDUIT-3 IN	7,500.00	LF		\$	
1520	04940		REMOVE LIGHTING	1.00	LS		\$	
1530	04950		REMOVE SIGNAL EQUIPMENT	1.00	EACH		\$	
1540	05026		EASTERN WHITE PINE	100.00	EACH		\$	
1550	05950		EROSION CONTROL BLANKET	10,157.00	SQYD		\$	
1560	05952		TEMP MULCH	540,000.00	SQYD		\$	
1570	05953		TEMP SEEDING AND PROTECTION	44,000.00	SQYD		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1580	05963		INITIAL FERTILIZER	16.00	TON		\$	
1590	05964		20-10-10 FERTILIZER	25.00	TON		\$	
1600	05985		SEEDING AND PROTECTION	440,000.00	SQYD		\$	
1610	05989		SPECIAL SEEDING CROWN VETCH	72,000.00	SQYD		\$	
1620	05990		SODDING	25,250.00	SQYD		\$	
1630	05992		AGRICULTURAL LIMESTONE	274.00	TON		\$	
1640	06510		PAVE STRIPING-TEMP PAINT-4 IN	41,000.00	LF		\$	
1650	06514		PAVE STRIPING-PERM PAINT-4 IN	53,050.00	LF		\$	
1660	06515		PAVE STRIPING-PERM PAINT-6 IN	39,090.00	LF		\$	
1670	06517		PAVE STRIPING-PERM PAINT-12 IN	4,260.00	LF		\$	
1680	06550		PAVE STRIPING-TEMP REM TAPE-W	36,800.00	LF		\$	
1690	06551		PAVE STRIPING-TEMP REM TAPE-Y	18,000.00	LF		\$	
1700	06567		PAVE MARKING-THERMO STOP BAR-12IN	605.00	LF		\$	
1710	06568		PAVE MARKING-THERMO STOP BAR-24IN	100.00	LF		\$	
1720	06572		PAVE MARKING-DOTTED LANE EXTEN	4,680.00	LF		\$	
1730	06573		PAVE MARKING-THERMO STR ARROW	11.00	EACH		\$	
1740	06574		PAVE MARKING-THERMO CURV ARROW	62.00	EACH		\$	
1750	06575		PAVE MARKING-THERMO COMB ARROW	4.00	EACH		\$	
1760	06576		PAVE MARKING-THERMO ONLY	6.00	EACH		\$	
1770	06592		PAVEMENT MARKER TYPE V-B W/R	110.00	EACH		\$	
1780	06593		PAVEMENT MARKER TYPE V-B Y/R	35.00	EACH		\$	
1790	06602NC		PAVE MARKING-PAINT SYMBOL	10.00	EACH		\$	
1800	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1810	08902		CRASH CUSHION TY VI CLASS B TL3	2.00	EACH		\$	
1820	10020NS		FUEL ADJUSTMENT	447,698.00	DOLL	\$1.00	\$	\$447,698.00
1830	10030NS		ASPHALT ADJUSTMENT	437,035.00	DOLL	\$1.00	\$	\$437,035.00
1840	20209EP69		GRANULAR PILE CORE	1,835.00	CUYD		\$	
1850	20411ED		LAW ENFORCEMENT OFFICER	1,000.00	HOURL		\$	
1860	02555		CONCRETE-CLASS B (REVISED: 12-9-14)	115.00	CUYD		\$	
1870	21289ED		LONGITUDINAL EDGE KEY	12,619.00	LF		\$	
1880	21590EN		SOUND BARRIER WALL	22,680.00	SQFT		\$	
1890	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	160.00	LF		\$	
1900	22880ED		BARRIER WALL TRANSITION (REVISED: 12-9-14)	133.00	LF		\$	
1910	23131ER701		PIPELINE VIDEO INSPECTION	11,050.00	LF		\$	
1920	23158ES505		DETECTABLE WARNINGS	540.00	SQFT		\$	
1930	23274EN11F		TURF REINFORCEMENT MAT 1	13,639.00	SQYD		\$	
1940	23457EC		AIR RELEASE VALVE-3/4 IN	2.00	EACH		\$	
1950	23610NC		CORED HOLE DRAINAGE BOX CON	44.00	EACH		\$	
1960	23668EC		CONN FORCE MAIN 3 IN TO FORCE MAIN 3 IN	2.00	EACH		\$	
1970	23877EC		CONC MEDIAN BARRIER WALL TY 14C	6,671.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1980	00440		ENTRANCE PIPE-15 IN	49.00	LF		\$	
1990	00461		CULVERT PIPE-15 IN	538.00	LF		\$	
2000	00462		CULVERT PIPE-18 IN	1,416.00	LF		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2010	00464		CULVERT PIPE-24 IN	535.00	LF		\$	
2020	00466		CULVERT PIPE-30 IN	530.00	LF		\$	
2030	00468		CULVERT PIPE-36 IN	239.00	LF		\$	
2040	00470		CULVERT PIPE-48 IN	235.00	LF		\$	
2050	00471		CULVERT PIPE-54 IN	197.00	LF		\$	
2060	00492		CULVERT PIPE-24 IN EQUIV	192.00	LF		\$	
2070	00521		STORM SEWER PIPE-15 IN	1,609.00	LF		\$	
2080	00522		STORM SEWER PIPE-18 IN	3,279.00	LF		\$	
2090	00524		STORM SEWER PIPE-24 IN	584.00	LF		\$	
2100	00526		STORM SEWER PIPE-30 IN	691.00	LF		\$	
2110	00528		STORM SEWER PIPE-36 IN	206.00	LF		\$	
2120	00529		STORM SEWER PIPE-42 IN	106.00	LF		\$	
2130	00530		STORM SEWER PIPE-48 IN	291.00	LF		\$	
2140	01202		PIPE CULVERT HEADWALL-15 IN	11.00	EACH		\$	
2150	01204		PIPE CULVERT HEADWALL-18 IN	23.00	EACH		\$	
2160	01208		PIPE CULVERT HEADWALL-24 IN	8.00	EACH		\$	
2170	01209		PIPE CULVERT HEADWALL-24 IN EQUIV	1.00	EACH		\$	
2180	01210		PIPE CULVERT HEADWALL-30 IN	6.00	EACH		\$	
2190	01212		PIPE CULVERT HEADWALL-36 IN	3.00	EACH		\$	
2200	01214		PIPE CULVERT HEADWALL-42 IN	2.00	EACH		\$	
2210	01216		PIPE CULVERT HEADWALL-48 IN	4.00	EACH		\$	
2220	01432		SLOPED BOX OUTLET TYPE 1-15 IN	1.00	EACH		\$	
2230	01433		SLOPED BOX OUTLET TYPE 1-18 IN	4.00	EACH		\$	
2240	01434		SLOPED BOX OUTLET TYPE 1-24 IN	2.00	EACH		\$	
2250	01450		S & F BOX INLET-OUTLET-18 IN	2.00	EACH		\$	
2260	01451		S & F BOX INLET-OUTLET-24 IN	1.00	EACH		\$	
2270	01452		S & F BOX INLET-OUTLET-30 IN	1.00	EACH		\$	
2280	01453		S & F BOX INLET-OUTLET-36 IN	2.00	EACH		\$	
2290	01456		CURB BOX INLET TYPE A	49.00	EACH		\$	
2300	01480		CURB BOX INLET TYPE B	2.00	EACH		\$	
2310	01490		DROP BOX INLET TYPE 1	9.00	EACH		\$	
2320	01511		DROP BOX INLET TYPE 5D	1.00	EACH		\$	
2330	01538		DROP BOX INLET TYPE 7	1.00	EACH		\$	
2340	01541		DROP BOX INLET TYPE 10	1.00	EACH		\$	
2350	01544		DROP BOX INLET TYPE 11	2.00	EACH		\$	
2360	01614		CONC MED BARR BOX INLET TY 14A2	1.00	EACH		\$	
2370	01615		CONC MED BARR BOX INLET TY 14B2	13.00	EACH		\$	
2380	01616		CONC MED BARR BOX INLET TY 14B1	2.00	EACH		\$	
2390	01650		JUNCTION BOX	1.00	EACH		\$	
2400	08100		CONCRETE-CLASS A	2.67	CUYD		\$	
2410	22572NN		METAL END SECTION TY 3-24 IN-EQUIV	1.00	EACH		\$	
2420	24026EC		PIPE CULVERT HEADWALL-54 IN	2.00	EACH		\$	

Section: 0004 - BRIDGE-27181

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2430	02200		ROADWAY EXCAVATION	95.00	CUYD		\$	
2440	02223		GRANULAR EMBANKMENT	691.00	CUYD		\$	
2450	02231		STRUCTURE GRANULAR BACKFILL	759.00	CUYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2460	02998		MASONRY COATING	2,617.00	SQYD		\$	
2470	03299		ARMORED EDGE FOR CONCRETE	208.00	LF		\$	
2480	08001		STRUCTURE EXCAVATION-COMMON	359.00	CUYD		\$	
2490	08002		STRUCTURE EXCAV-SOLID ROCK	58.00	CUYD		\$	
2500	08018		RETAINING WALL	7,084.00	SQFT		\$	
2510	08033		TEST PILES	64.00	LF		\$	
2511	08039		PRE-DRILLING FOR PILES (ADDED: 12-10-14)	100.00	LF		\$	
2520	08052		PILES-STEEL HP14X117	807.00	LF		\$	
2530	08095		PILE POINTS-14 IN	28.00	EACH		\$	
2540	08100		CONCRETE-CLASS A	333.00	CUYD		\$	
2550	08104		CONCRETE-CLASS AA	1,113.00	CUYD		\$	
2560	08150		STEEL REINFORCEMENT	54,595.00	LB		\$	
2570	08151		STEEL REINFORCEMENT-EPOXY COATED	332,750.00	LB		\$	
2580	23026ED		ARCHITECTURAL TREATMENT	176.00	SQYD		\$	
2590	23538EC		PEDESTRIAN RAIL	251.00	LF		\$	
2600	24582EN		PRECAST PC I BEAM-HN 7249	2,480.00	LF		\$	

Section: 0005 - BRIDGE-27180

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2610	02998		MASONRY COATING	1,826.00	SQYD		\$	
2620	08001		STRUCTURE EXCAVATION-COMMON	803.00	CUYD		\$	
2630	08002		STRUCTURE EXCAV-SOLID ROCK	101.00	CUYD		\$	
2640	08100		CONCRETE-CLASS A	515.00	CUYD		\$	
2650	08104		CONCRETE-CLASS AA	2,502.00	CUYD		\$	
2660	08150		STEEL REINFORCEMENT	75,313.00	LB		\$	
2670	08151		STEEL REINFORCEMENT-EPOXY COATED	490,732.00	LB		\$	
2680	23026ED		ARCHITECTURAL TREATMENT AESTHETIC TREATMENT	282.00	SQYD		\$	

Section: 0006 - BRIDGE-27179

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2690	02223		GRANULAR EMBANKMENT	48.00	CUYD		\$	
2700	02403		REMOVE CONCRETE MASONRY	17.00	CUYD		\$	
2710	08001		STRUCTURE EXCAVATION-COMMON	95.00	CUYD		\$	
2720	08100		CONCRETE-CLASS A	46.00	CUYD		\$	
2730	08150		STEEL REINFORCEMENT	4,262.00	LB		\$	

Section: 0007 - BRIDGE-27178

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2740	02223		GRANULAR EMBANKMENT	21.00	CUYD		\$	
2750	02403		REMOVE CONCRETE MASONRY	38.00	CUYD		\$	
2760	08001		STRUCTURE EXCAVATION-COMMON	110.00	CUYD		\$	
2770	08100		CONCRETE-CLASS A	99.00	CUYD		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2780	08150		STEEL REINFORCEMENT	12,721.00	LB		\$	

Section: 0009 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3010	04793		CONDUIT-1 1/4 IN	1,170.00	LF		\$	
3020	04795		CONDUIT-2 IN	655.00	LF		\$	
3030	04811		ELECTRICAL JUNCTION BOX TYPE B	19.00	EACH		\$	
3040	04820		TRENCHING AND BACKFILLING	1,915.00	LF		\$	
3050	04830		LOOP WIRE	4,140.00	LF		\$	
3060	04844		CABLE-NO. 14/5C	3,975.00	LF		\$	
3070	04850		CABLE-NO. 14/1 PAIR	9,550.00	LF		\$	
3080	04885		MESSENGER-10800 LB	1,525.00	LF		\$	
3090	04895		LOOP SAW SLOT AND FILL	2,485.00	LF		\$	
3100	04931		INSTALL CONTROLLER TYPE 170	3.00	EACH		\$	
3110	04932		INSTALL STEEL STRAIN POLE	12.00	EACH		\$	
3120	20093NS835		INSTALL PEDESTRIAN HEAD-LED	2.00	EACH		\$	
3130	20188NS835		INSTALL LED SIGNAL-3 SECTION	23.00	EACH		\$	
3140	20266ES835		INSTALL LED SIGNAL- 4 SECTION	2.00	EACH		\$	
3150	21743NN		INSTALL PEDESTRIAN DETECTOR	2.00	EACH		\$	
3160	23157EN		TRAFFIC SIGNAL POLE BASE	63.00	CUYD		\$	
3170	23982EC		INSTALL ANTENNA	3.00	EACH		\$	

Section: 0010 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0180	04701		POLE 40 FT MTG HT	22.00	EACH		\$	
0190	04710		POLE 80 FT MTG HT HIGH MAST	3.00	EACH		\$	
0200	04712		POLE 100 FT MTG HT HIGH MAST	16.00	EACH		\$	
0210	04723		BRACKET 10 FT	22.00	EACH		\$	
0220	04740		POLE BASE	48.00	EACH		\$	
0230	04741		POLE BASE IN MEDIAN WALL	13.00	EACH		\$	
0240	04750		TRANSFORMER BASE	48.00	EACH		\$	
0250	04761		LIGHTING CONTROL EQUIPMENT	5.00	EACH		\$	
0260	04780		FUSED CONNECTOR KIT	122.00	EACH		\$	
0270	04791		CONDUIT-3/4 IN	360.00	LF		\$	
0280	04793		CONDUIT-1 1/4 IN	5,875.00	LF		\$	
0290	04795		CONDUIT-2 IN	4,150.00	LF		\$	
0300	04797		CONDUIT-3 IN	1,755.00	LF		\$	
0310	04800		MARKER	29.00	EACH		\$	
0320	04820		TRENCHING AND BACKFILLING	20,350.00	LF		\$	
0330	04832		WIRE-NO. 12	8,235.00	LF		\$	
0340	04833		WIRE-NO. 8	11,950.00	LF		\$	
0350	04834		WIRE-NO. 6	4,520.00	LF		\$	
0360	04835		WIRE-NO. 4	13,825.00	LF		\$	
0370	04860		CABLE-NO. 8/3C DUCTED	13,155.00	LF		\$	
0380	04861		CABLE-NO. 6/3C DUCTED	17,975.00	LF		\$	
0390	04940		REMOVE LIGHTING	1.00	LS		\$	

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0400	04950		REMOVE SIGNAL EQUIPMENT	1.00	EACH		\$	
0410	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	6.00	EACH		\$	
0420	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	18.00	EACH		\$	
0430	20410ED		MAINTAIN LIGHTING	1.00	LS		\$	
0440	21543EN		BORE AND JACK CONDUIT	760.00	LF		\$	
0450	21563NN		SPLICE BOX	3.00	EACH		\$	
0460	23161EN		POLE BASE-HIGH MAST	175.00	CUYD		\$	
0470	23778EC		WIRE-NO. 10	2,000.00	LF		\$	
0480	24589ED		LED LUMINAIRE	61.00	EACH		\$	
0490	24710EC		POLE 33 FT MTG HT W/12 IN ARM	11.00	EACH		\$	
0500	24739EC		POLE 40 FT MTG HT W/12 IN ARM	28.00	EACH		\$	
0510	24749EC		HIGH MAST LED LUMINAIRE	110.00	EACH		\$	
0520	24750EC		LED TUNNEL LUMINAIRE	66.00	EACH		\$	
0530	24752ED		LIGHTING DIMMING CONTROL	1.00	LS		\$	

Section: 0011 - INTELLIGENT TRANSPORTATION SYSTEMS

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0540	03381		PVC PIPE-2 IN	1,200.00	LF		\$	
0550	04795		CONDUIT-2 IN	100.00	LF		\$	
0560	04820		TRENCHING AND BACKFILLING	1,200.00	LF		\$	
0570	04835		WIRE-NO. 4	2,500.00	LF		\$	
0580	04899		ELECTRICAL SERVICE	1.00	EACH		\$	
0590	06490		CLASS A CONCRETE FOR SIGNS	38.30	CUYD		\$	
0600	06491		STEEL REINFORCEMENT FOR SIGNS	2,779.00	LB		\$	
0610	20257NC		SITE PREPARATION	1.00	LS		\$	
0620	20392NS835		ELECTRICAL JUNCTION BOX TYPE C	1.00	EACH		\$	
0630	20419ND		ROADWAY CROSS SECTION	1.00	EACH		\$	
0640	21065ND		MODEL 334 ENCLOSURE	1.00	EACH		\$	
0650	21069ND		SURGE DEVICE 120 VOLT	1.00	EACH		\$	
0660	21071ND		DATA SURGE DEVICE	4.00	EACH		\$	
0670	21076ND		FIBER TERMINATION RACK	3.00	EACH		\$	
0680	21077ED		FIBER OPTIC CABLE	500.00	LF		\$	
0690	21079ND		TRANSFORMER 480/120	1.00	EACH		\$	
0700	21117ND		VARIABLE MESSAGE SIGN-DYNAMIC	1.00	EACH		\$	
0710	21458ND		FIBER TRANSCEIVER SIGN	4.00	EACH		\$	
0720	21489ND		RACK MOUNTED UPS	2.00	EACH		\$	
0730	22403NN		WEB CAMERA ASSEMBLY	1.00	EACH		\$	
0740	23150NN		COMMUNICATION CABLE	20.00	LF		\$	
0750	23161EN		POLE BASE-HIGH MAST	9.77	CUYD		\$	
0760	23941EC		VIDEO SURVEILLANCE CONTROLLER	1.00	EACH		\$	
0770	23944EC		ADVANCED GROUNDING SYSTEM	3.00	EACH		\$	
0780	24751ED		REMOVE STORE & REINSTALL TRUSS	1.00	EACH		\$	
0790	24751ED		REMOVE STORE & REINSTALL CAMERA SYSTEM	1.00	EACH		\$	
0800	24753ED		CAMERA POLE LOWERING DEVICE ITS	1.00	EACH		\$	

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Section: 0012 - TRAINEES

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0810	02742		TRAINEE PAYMENT REIMBURSEMENT CEMENT MASON	1,200.00	HOUR		\$	

Section: 0013 - DEMOBILIZATION & MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	02568		MOBILIZATION	1.00	LS		\$	
0830	02569		DEMOBILIZATION	1.00	LS		\$	