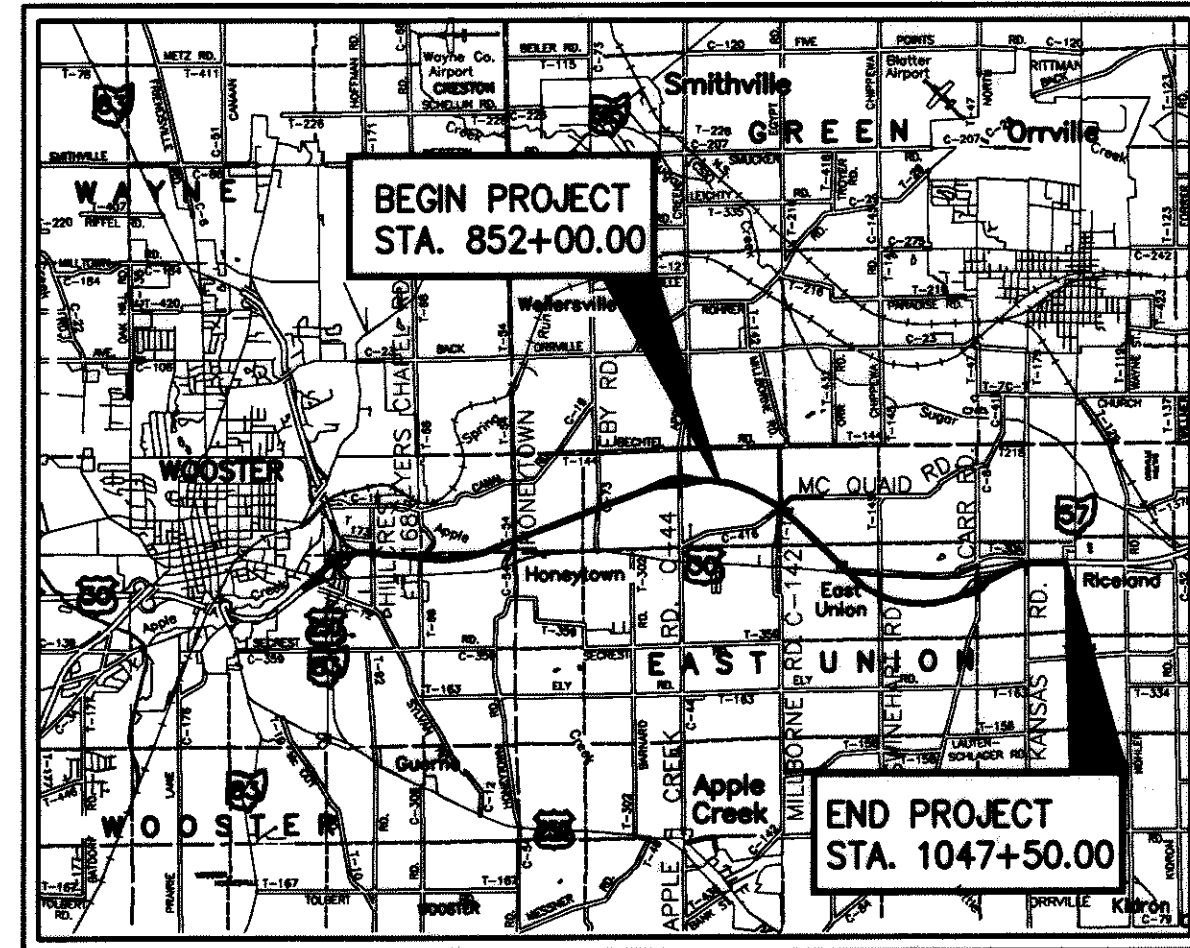
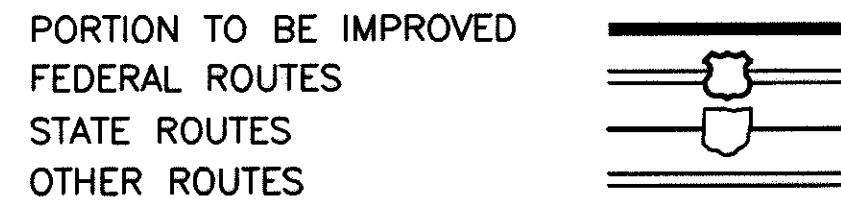
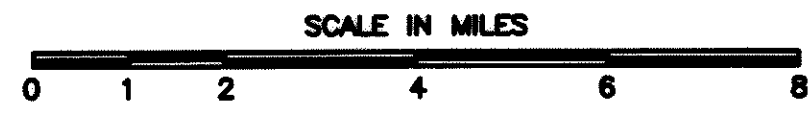


STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

WAY 30-16.14
EAST UNION TOWNSHIP
WAYNE COUNTY



LOCATION MAP
LATITUDE: 40° 47' 40" N LONGITUDE: 81° 48' 30" W



DESIGN DESIGNATION

CURRENT ADT (2006)	17810
DESIGN YEAR ADT (2026)	23320
DESIGN HOURLY VOLUME (2026)	2099
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	21%
DESIGN SPEED	70 MPH
LEGAL SPEED	65 MPH
FUNCTIONAL CLASSIFICATION	RURAL FREEWAY
NHS PROJECT	YES

DESIGN EXCEPTIONS

MILLBORNE ROAD (SOUTH):	
DESIGN FEATURE	APPROVAL DATES
HORIZONTAL ALIGNMENT	2-13-03
SUPERELEVATION RATE	SHEET NUMBERS
(MILLBORNE ROAD C.R. 142)	2, 248, 249

TITLE SHEET 1 PLAN AND PROFILE & QUANTITIES - CARR ROAD 287-292

SCHEMATIC PLAN 2-4 CROSS SECTIONS - CARR ROAD 293-305

GEOMETRIC 5-6 PLAN AND PROFILE & QUANTITIES - KANSAS ROAD 306-309

TYPICAL SECTIONS 7-19, 10A CROSS SECTIONS - KANSAS ROAD 310-314

GENERAL NOTES 20-24 PLAN AND PROFILE & QUANTITIES - KANSAS SERVICE ROAD 315-320

MAINTENANCE OF TRAFFIC 25-39 KANSAS SERVICE ROAD

GENERAL SUMMARY 40-45 CROSS SECTIONS - KANSAS SERVICE ROAD 321-329

SUB-SUMMARIES 46-50 PLAN AND PROFILE & QUANTITIES - OLD LINCOLN WAY 333, 337, 332A

QUANTITY CALCULATIONS 51-54

PAVEMENT CALCULATIONS 55-61 CROSS SECTIONS - OLD LINCOLN WAY 342, 343, 341B-D

PROJECT SITE PLAN 63-73 MEDIAN CROSSOVER DETAILS 345-347

SUPERELEVATION TABLES 74-88 INTERSECTION DETAILS 348-357

PLAN AND PROFILE & QUANTITIES - U.S. 30 89-121, 99A MISCELLANEOUS DETAILS 358

CROSS SECTIONS - U.S. 30 122-189 DRIVEWAY QUANTITIES AND DETAILS 359-360

PLAN AND PROFILE & QUANTITIES - CARR ROAD INTERCHANGE RAMP 190-201 UNDERDRAIN SUB-SUMMARY 371-376

CROSS SECTION LAYOUT SHEET 202 DRAINAGE DETAILS 377-379

CROSS SECTIONS - CARR ROAD INTERCHANGE RAMP 203-216 CULVERT SUB-SUMMARIES 380-380A

CROSS SECTIONS - MCQUAID ROAD 217-228 CULVERT DETAILS 381-397C, 394A, 394B

PLAN AND PROFILE & QUANTITIES - MILLBORNE ROAD 248-251, 250A STORM SEWER PROFILES 398-402

CROSS SECTIONS - MILLBORNE ROAD (SOUTH) 252-256 WEIGH IN MOTION 403-426

PLAN AND PROFILE & QUANTITIES - MILLBORNE ROAD 257-261, 260A WEATHER STATION PLAN AND DETAILS 427-428

CROSS SECTIONS - MILLBORNE ROAD (NORTH) 262-269 PAVEMENT INSTRUMENTATION PLAN AND DETAILS 429-430

PLAN AND PROFILE & QUANTITIES - SWINEHART ROAD 270-277 TRAFFIC CONTROL PLANS 431-471, 436A, 466A

CROSS SECTIONS - SWINEHART ROAD 278-286 RETAINING WALLS 472-529, 476A

STRUCTURES (OVER 20') 530-602

EXISTING U.S. 30/CARR ROAD/TR30A-PART 2 602A-602CCCC

RIGHT OF WAY 603-656, 639A, 650A

SOIL BORINGS

SHEETS NOT USED: 62, 304, 305, 330-332, 334-336, 338-341, 341A, 344, 370, 453-455

PROJECT DESCRIPTION

CONSTRUCTION OF 3.71 MILES OF FOUR LANE DIVIDED FREEWAY BEGINNING APPROXIMATELY 3350' EAST OF APPLE CREEK ROAD AT THE WEST END OF THE PROJECT AND CONNECTING BACK INTO EXISTING U.S. 30 APPROXIMATELY 1,350 FEET EAST OF T.R. 179 (KANSAS ROAD) AT THE EAST END. THE PROJECT INCLUDES THE CONSTRUCTION OF STRUCTURES C.R. 416 (MCQUAID ROAD) OVER U.S. 30, U.S. 30 OVER EXISTING U.S. 30 (LINCOLN WAY), U.S. 30 OVER T.R. 145 (SWINEHART ROAD), C.R. 94A (CARR ROAD) OVER U.S. 30 AND TWO INTERCHANGE RAMP AND U.S. 30 OVER LITTLE SUGAR CREEK.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA	177 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA	3 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA	180 ACRES

2002 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY, AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON THE MAINTENANCE OF TRAFFIC PLANS.

WHEREVER WAY-30-15.96 APPEARS ON THESE PLANS IT SHALL BE UNDERSTOOD AS WAY-30-16.14.

UNDERGROUND UTILITIES

TWO WORKING DAYS BEFORE YOU DIG

CALL...1-800-362-2764 (Toll Free)

OHIO UTILITIES PROTECTION SERVICE

NON-MEMBERS MUST BE CALLED DIRECTLY

SPECIAL PROVISIONS

DATE: _____

STANDARD CONSTRUCTION DRAWINGS												SUPPLEMENTAL SPECIFICATIONS	
BP-2.1	07-28-00	GR-3.2	04-18-03	DM-1.1	07-18-03	SBR-1-99	07-19-02	MT-102.20	10-18-02	TC-61.10	01-19-01		
BP-2.2	07-28-00	GR-4.2	04-18-03	DM-1.2	07-19-02			MT-105.10	10-18-02	TC-65.10	10-19-01	802	07-19-02
BP-2.3	07-28-00	GR-5.3	04-18-03	DM-1.4	07-19-02	ICD-1-82	07-19-02	MT-105.11	10-18-02	TC-65.11	10-19-01	832	02-12-03
BP-3.1	07-28-00	GR-6.1	04-18-03	DM-2.1	07-20-01			TC-7.65	07-18-03	TC-65.12	10-19-01	833	02-12-03
BP-4.1	07-28-00	GR-6.2	04-18-03	DM-3.1	07-19-02	SICD-1-96	07-19-02	TC-12.30	01-19-01	TC-71.10	04-19-02	836	12-06-01
BP-5.1	07-28-00			DM-4.1	07-19-02			TC-18.24	01-18-02	TC-72.20	01-19-01	846	04-19-02
BP-6.1	07-28-00	RM-1.1	04-18-03	DM-4.3	07-19-02	HL-30.11	04-19-02	TC-21.10	01-19-01			856	10-18-02
BP-9.1	07-28-00	RM-4.2	04-18-03	DM-4.4	07-19-02			TC-21.20	01-19-01			864	07-11-00
		RM-4.4	04-18-03	DM-5.1	07-19-02	MT-35.10	04-20-01	TC-21.40	01-18-02			894	10-18-02
F-2.1	07-28-00	RM-4.5	04-18-03			MT-95.30	04-19-02	TC-22.20	01-19-01			908	04-18-03
F-3.1	07-28-00			HW-1.1	07-20-01	MT-95.31	04-19-02	TC-41.10	01-19-01			954	09-09-97
F-3.3	07-28-00	CB-1.1	07-19-02	HW-2.1	07-19-02	MT-95.40	07-18-03	TC-41.20	01-19-01			1027	04-11-02
F-3.4	07-28-00	CB-1.2	07-19-02	HW-2.2	07-19-02	MT-95.70	04-19-02	TC-41.40	01-18-02				
		CB-2.2	07-19-02			MT-97.10	04-19-02	TC-41.50	07-18-03				
GR-1.1	04-18-03	CB-3.1	07-19-02	MH-1.2	07-19-02	MT-98.17	10-18-02	TC-42.10	01-19-01				
GR-2.1	04-18-03	CB-3.3	07-19-02			MT-100.00	04-19-02	TC-42.20	04-20-01				
GR-2.3	04-18-03	CB-3.4	07-19-02	AS-1-81	07-19-02	MT-101.60	10-18-02	TC-51.11	04-20-01				
GR-3.1	04-18-03					MT-101.70	10-18-02	TC-52.10	04-20-01				
				GSD-1-96	07-19-02	MT-102.10	10-18-02	TC-52.20	04-20-01				

040043 PART B

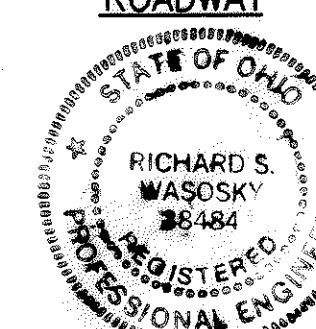
WAY - USR30 - 11.86 - CONTRACT C
040044
PID#28880
02-04-04

PLT 1:1
APP 8/21/03

LDSS/270/HIGHWAY/MS2/2701102.DWG



Frederick Selung Jr 8/22/03
ROADWAY DATE



Richard S. Wasosky 08/21/03
STRUCTURES DATE



Sam R. Deetz 8/21/03
DATE

PLAN PREPARED BY:
EUTHENICS INC.
CONSULTING ENGINEERS
925 Keynote Circle, Cleveland, Ohio

FEDERAL PROJECT NO.
G020(071)

PID NO.
16287

CONSTRUCTION PROJECT NO.

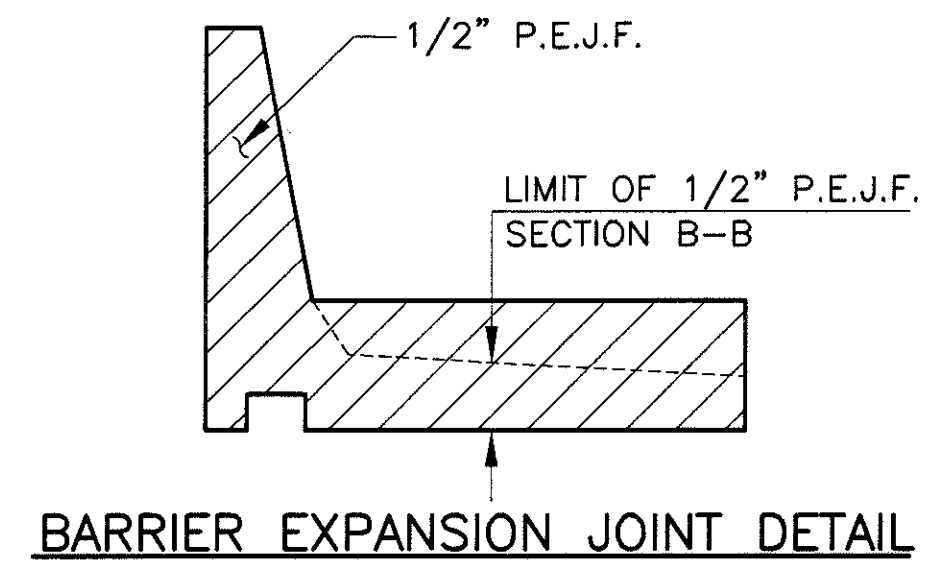
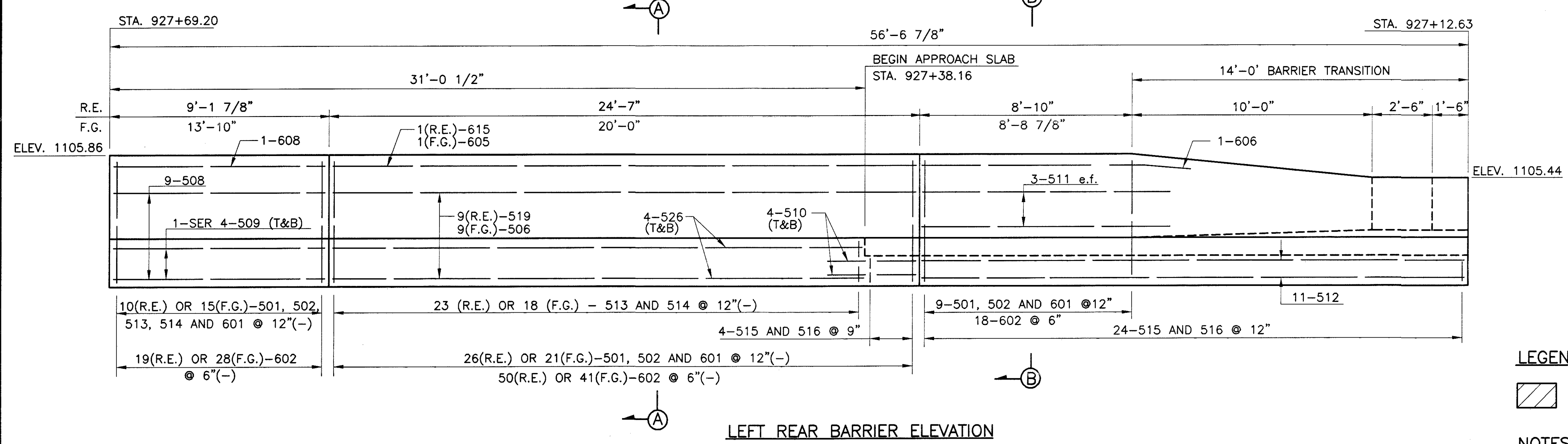
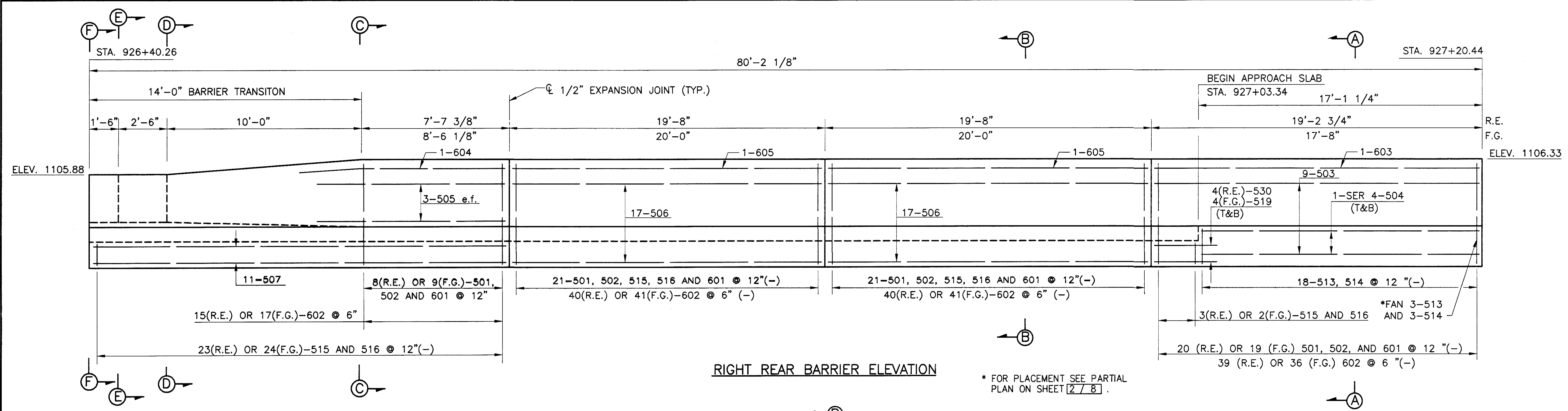
RAILROAD INVOLVEMENT
NONE

WAY-30-16.14

1
656

APPROVED *Thomas M. O'Leary* ^{ACS}
DATE 8/22/03 DISTRICT DEPUTY DIRECTOR

APPROVED *Jordan Proctor*
DATE 9.8.03 DIRECTOR, DEPARTMENT OF TRANSPORTATION



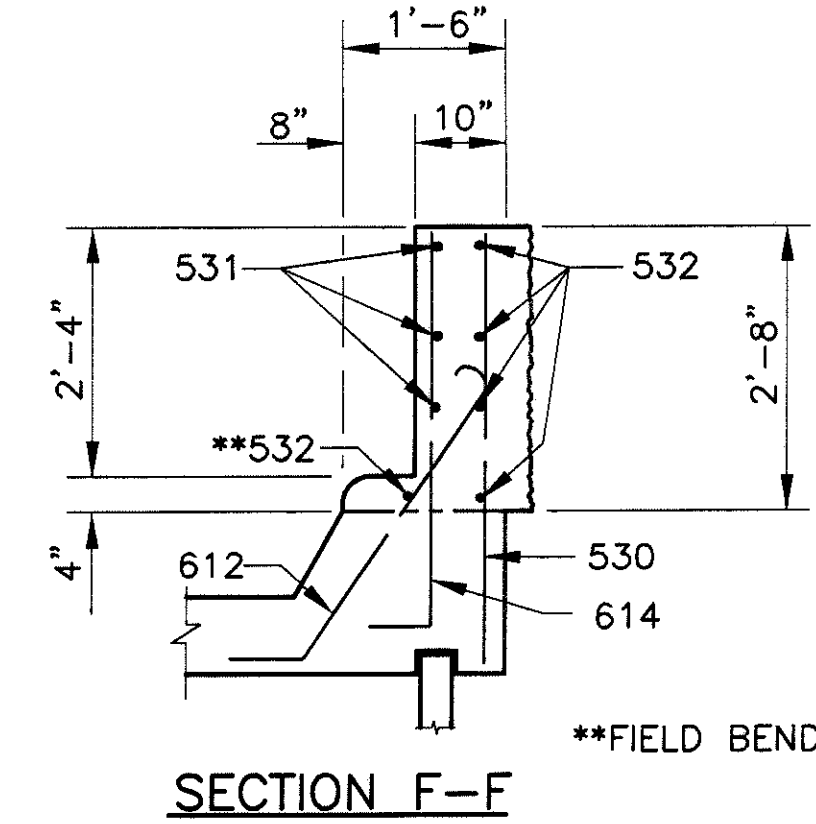
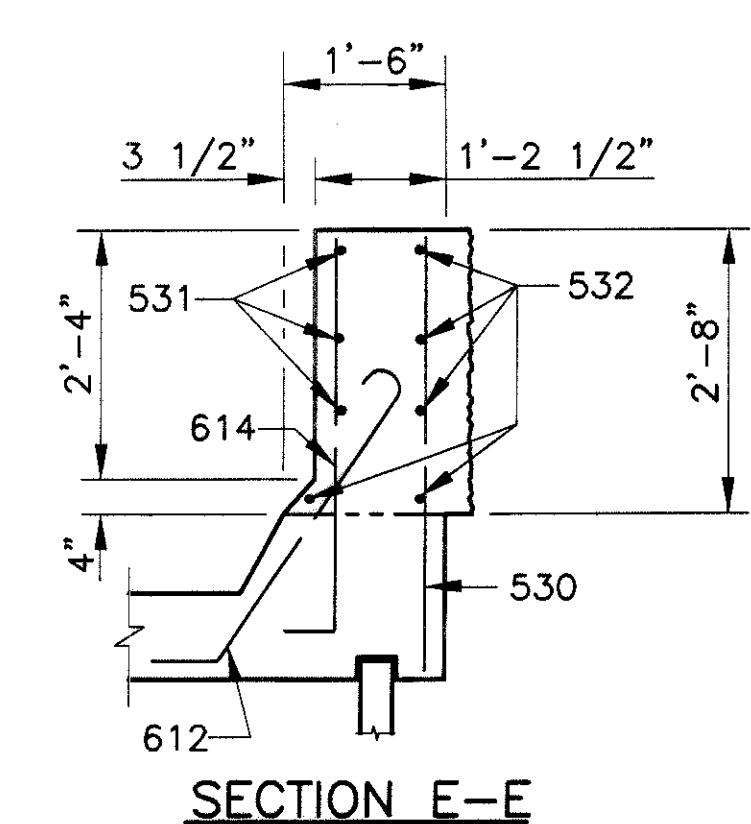
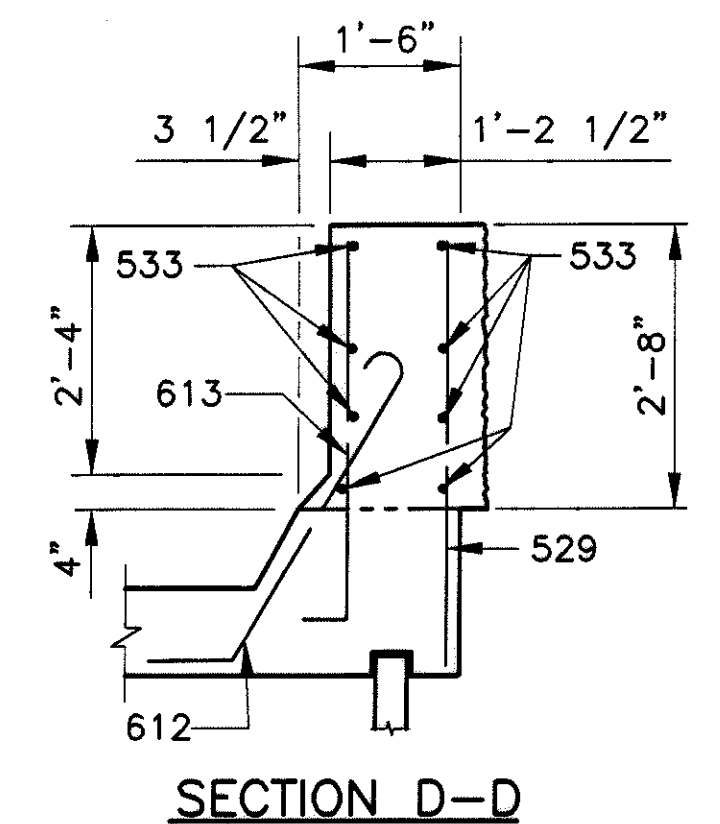
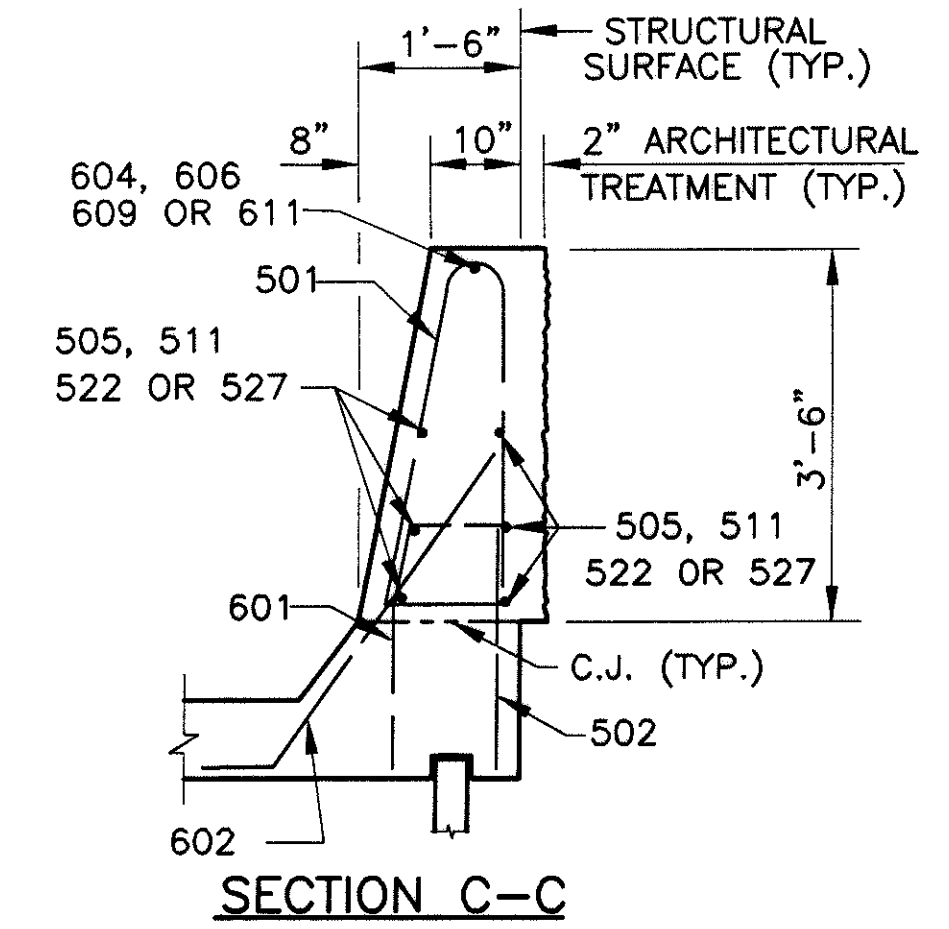
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PREFORMED EXPANSION JOINT FILLER

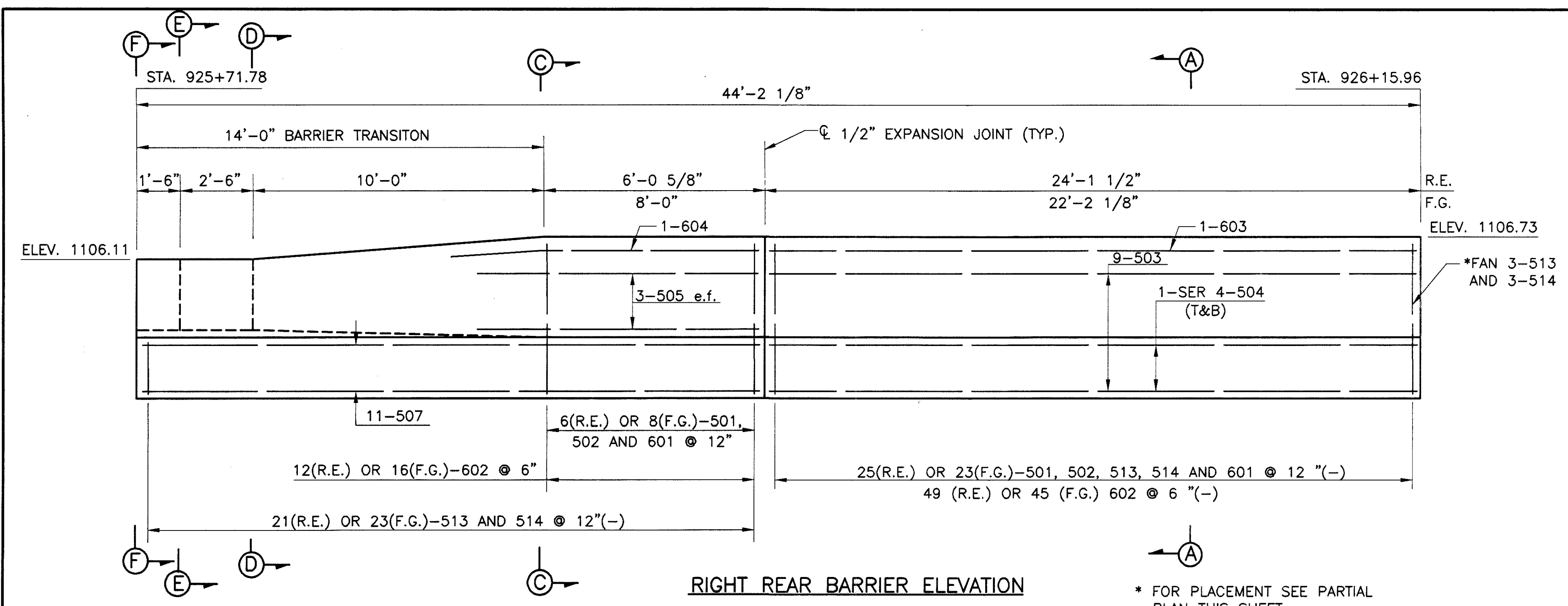
NOTES

- FOR LOCATION OF BARRIERS AND CONCRETE COPING SEE STRUCTURE AND MSE WALL PLANS.
- FOR SECTION A-A AND B-B SEE SHEET [2/8].
- ALL REINFORCING BARS SHALL BE PREFIXED B (BARRIER) UNLESS OTHERWISE NOTED.
- FOR REINFORCING SCHEDULES SEE SHEET [7/8].
- FOR BARRIER TRANSITION REINFORCING SEE LEFT FORWARD BARRIER ELEVATION ON SHEET [2/8].
- 11"x18 1/4" PLATE FOR GUARDRAIL ATTACHMENT TO BE FLUSH WITH STRUCTURAL SURFACE OF BARRIER. BLOCK OUT ARCHITECTURAL TREATMENT AS REQUIRED.
- THE FOLLOWING ABBREVIATIONS ARE USED:
R.E. = THE REINFORCED EARTH COMPANY
F.G. = FOSTER GEOTECHNICAL
e.f. = EACH FACE B = BOTTOM
n.f. = NEAR FACE T = TOP
f.f. = FAR FACE ELEV. = ELEVATION
P.E.J.F. = PRE-FORMED EXPANSION JOINT FILLER

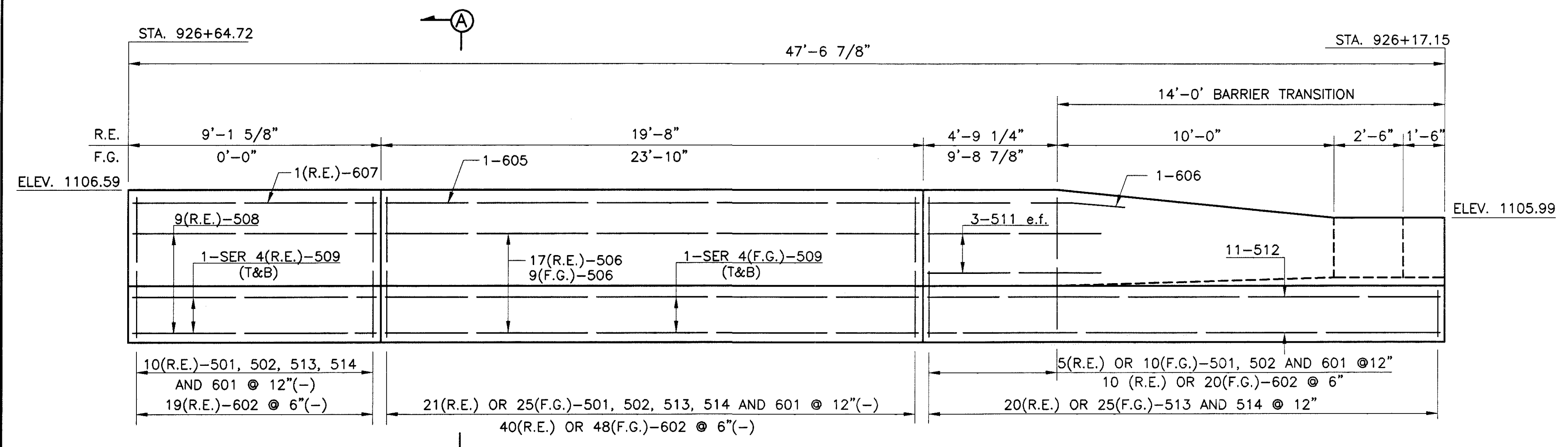
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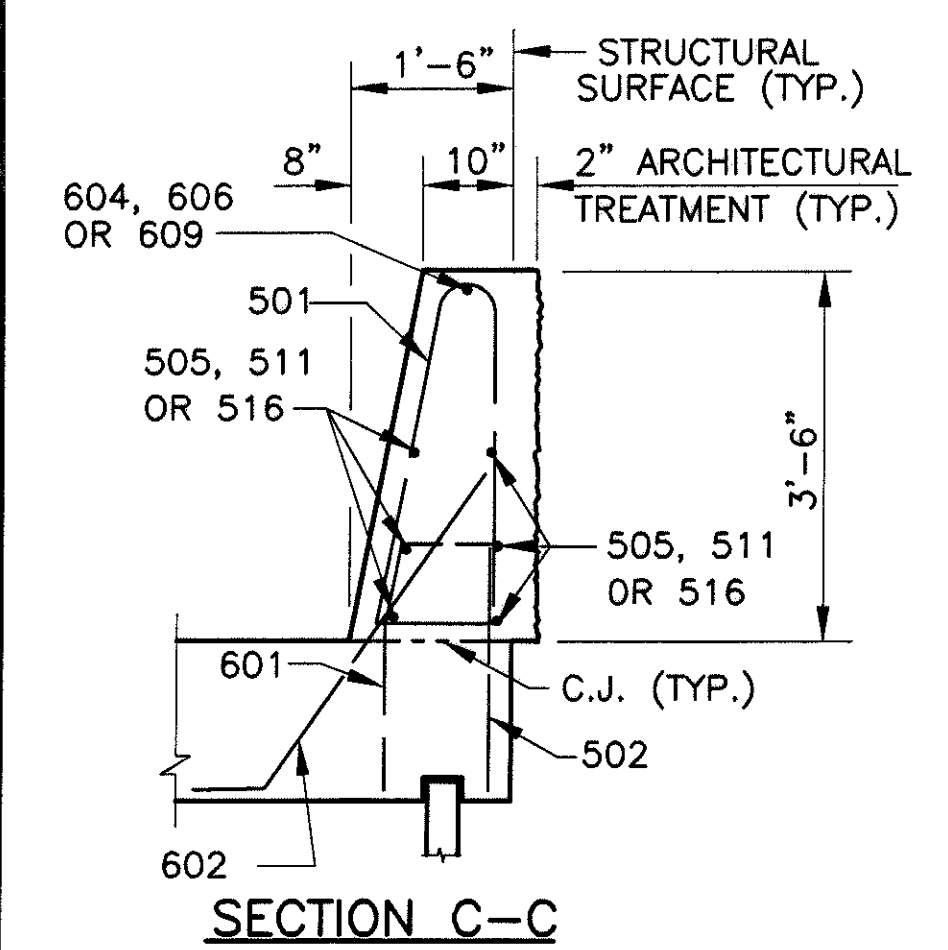
TYPICAL BARRIER TRANSITION



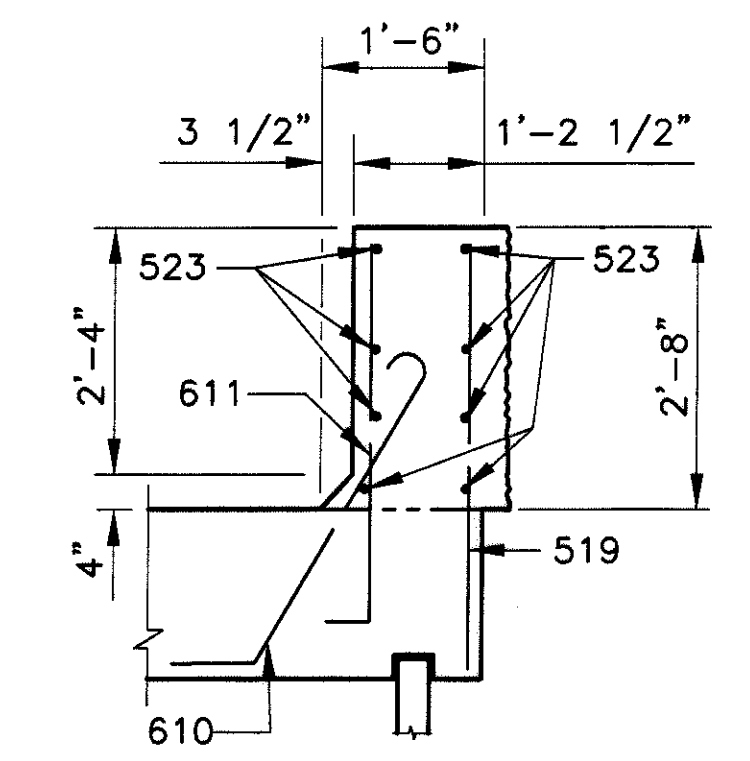
RIGHT REAR BARRIER ELEVATION



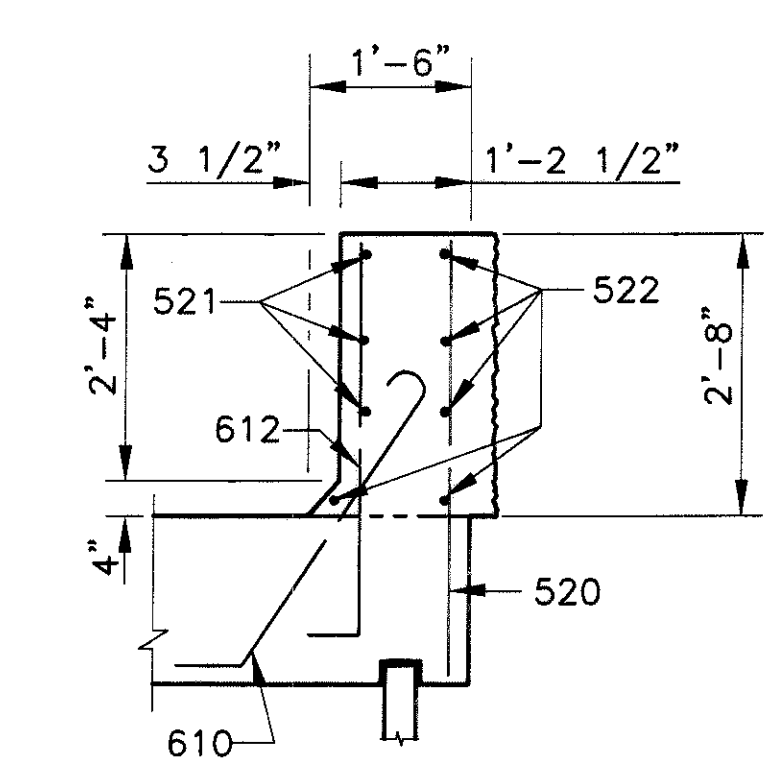
LEFT REAR BARRIER ELEVATION



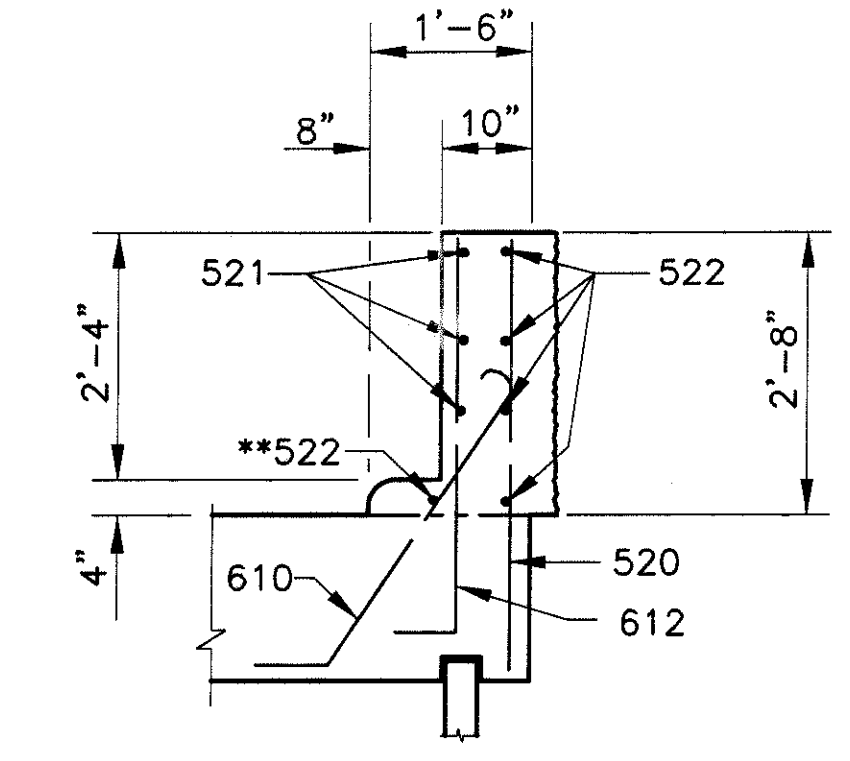
SECTION C-C



SECTION D-D



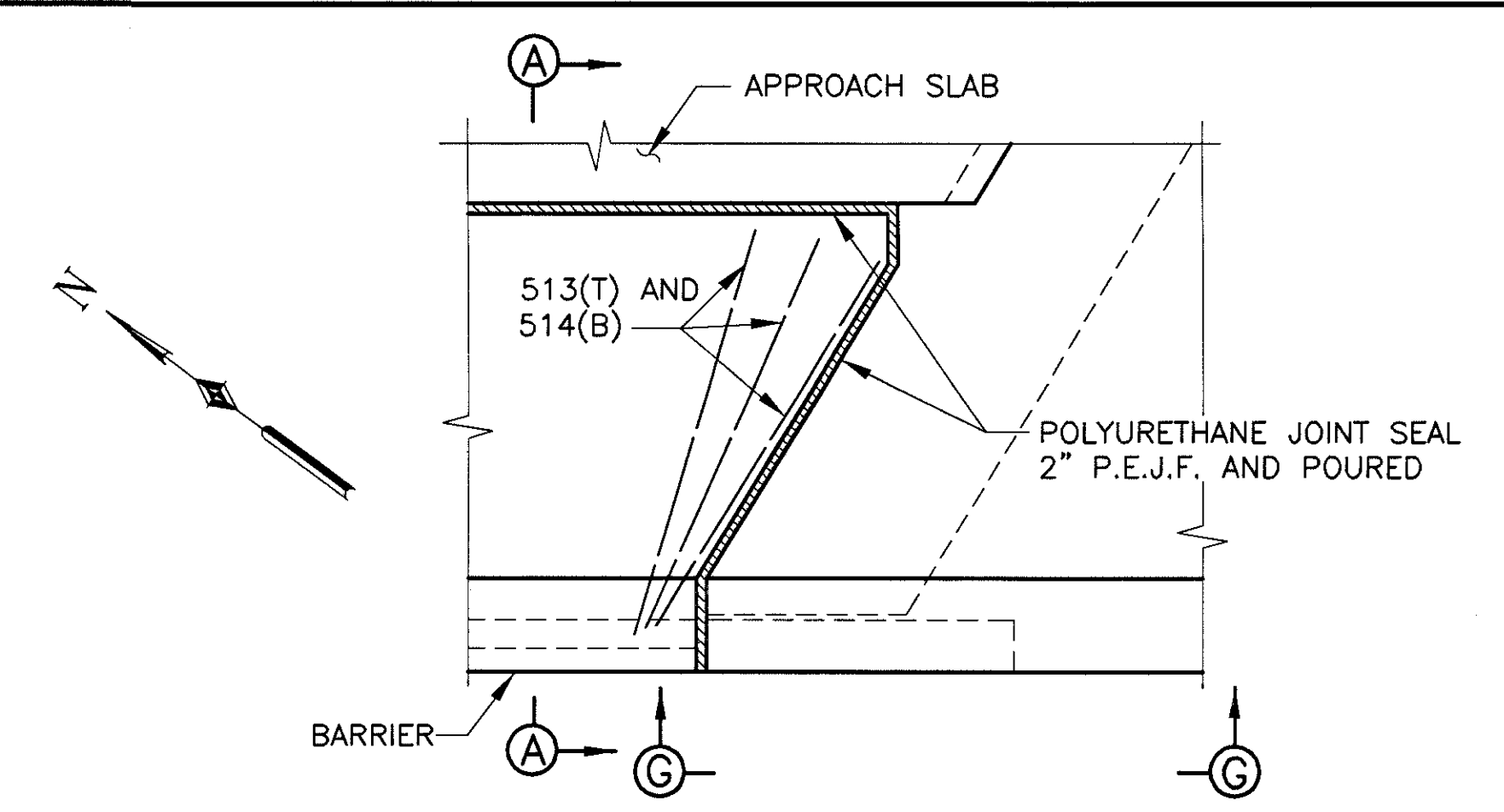
SECTION E-E



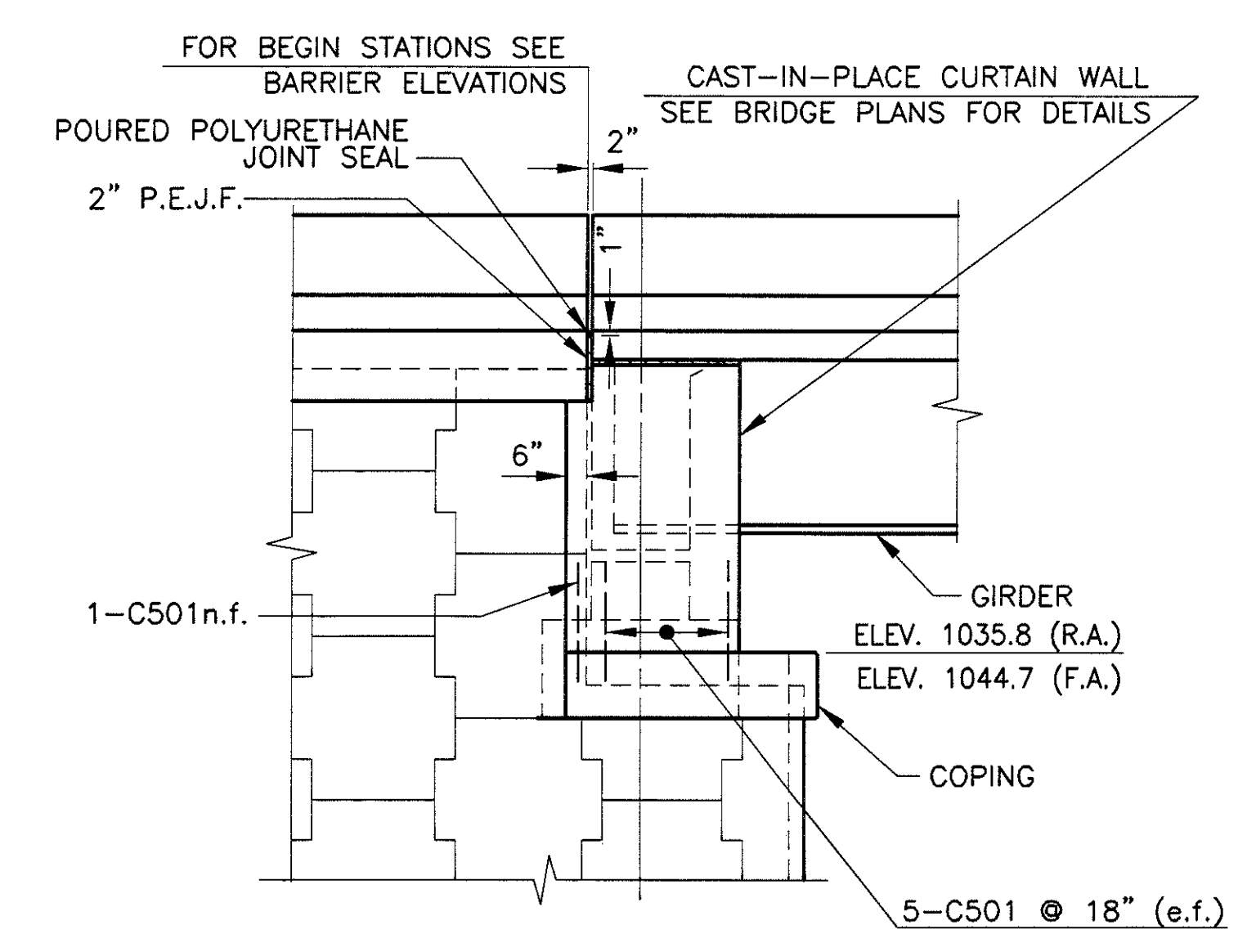
SECTION F-F

TYPICAL BARRIER TRANSITION

**FIELD BEND IF NECESSARY



PARTIAL PLAN - RIGHT REAR BARRIER



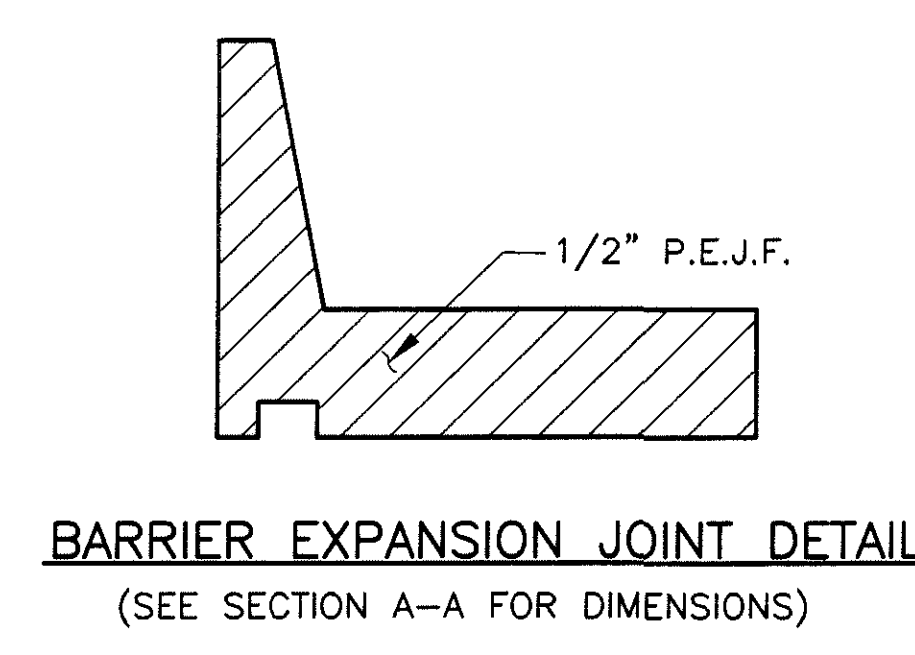
VIEW G-G

LEGEND

PREFORMED EXPANSION JOINT FILLER

NOTES

- 11" X 18 1/4" PLATE FOR GUARDRAIL ATTACHMENT TO BE FLUSH WITH STRUCTURAL SURFACE OF BARRIER. BLOCK OUT ARCHITECTURAL TREATMENT AS REQUIRED.
- FOR LOCATION OF BARRIERS AND CONCRETE COPING SEE STRUCTURE AND MSE WALL PLANS.
- FOR SECTION A-A SEE SHEET [4/8].
- ALL REINFORCING BARS SHALL BE PREFIXED B (BARRIER) UNLESS OTHERWISE NOTED.
- FOR REINFORCING SCHEDULES SEE SHEET [8/8].
- FOR BARRIER TRANSITION REINFORCING SEE LEFT FORWARD BARRIER ELEVATION ON SHEET [4/8].
- THE FOLLOWING ABBREVIATIONS ARE USED:
R.E. = THE REINFORCED EARTH COMPANY
F.G. = FOSTER GEOTECHNICAL
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f.f. = FAR FACE ELEV. = ELEVATION
P.E.J.F. = PRE-FORMED EXPANSION JOINT FILLER



BARRIER EXPANSION JOINT DETAIL
(SEE SECTION A-A FOR DIMENSIONS)

F:\JIBSA\470\BRIDGE\WB\DWG\WSEA\7\PMSEB3.DWG GFH 2/18/03 PLOT:12.667

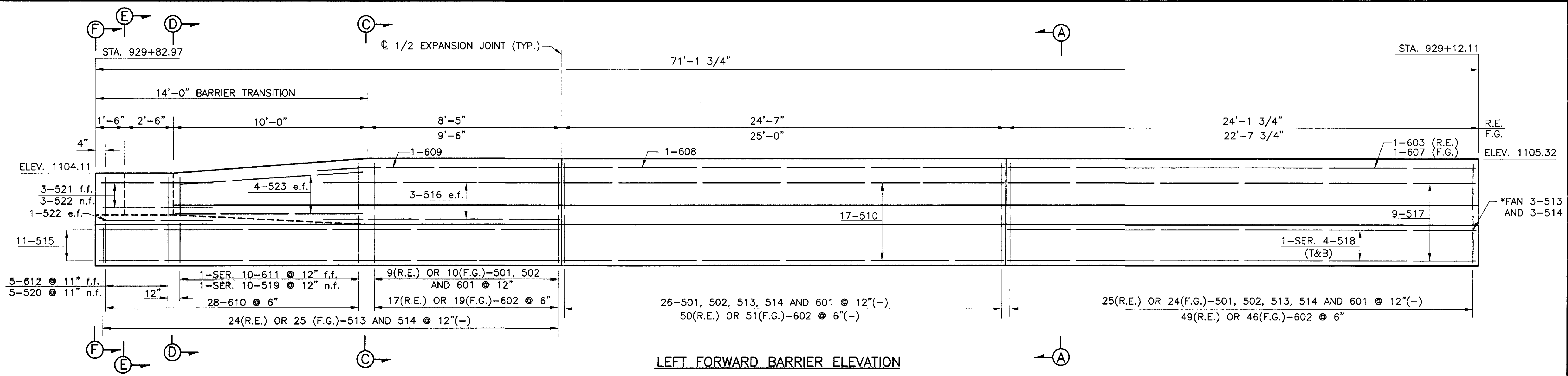
DATE	9-02
REVIEWED	RAB
STRUCTURE FILE NUMBER	8502277
DRAWN	YRY
REVISION	
DESIGNED	YRY
CHECKED	GFH

EASTBOUND BARRIER DETAILS
 BRIDGE NO. WAY-30-1752 R
 U.S. 30 OVER EXISTING U.S. 30 (LINCOLN WAY)

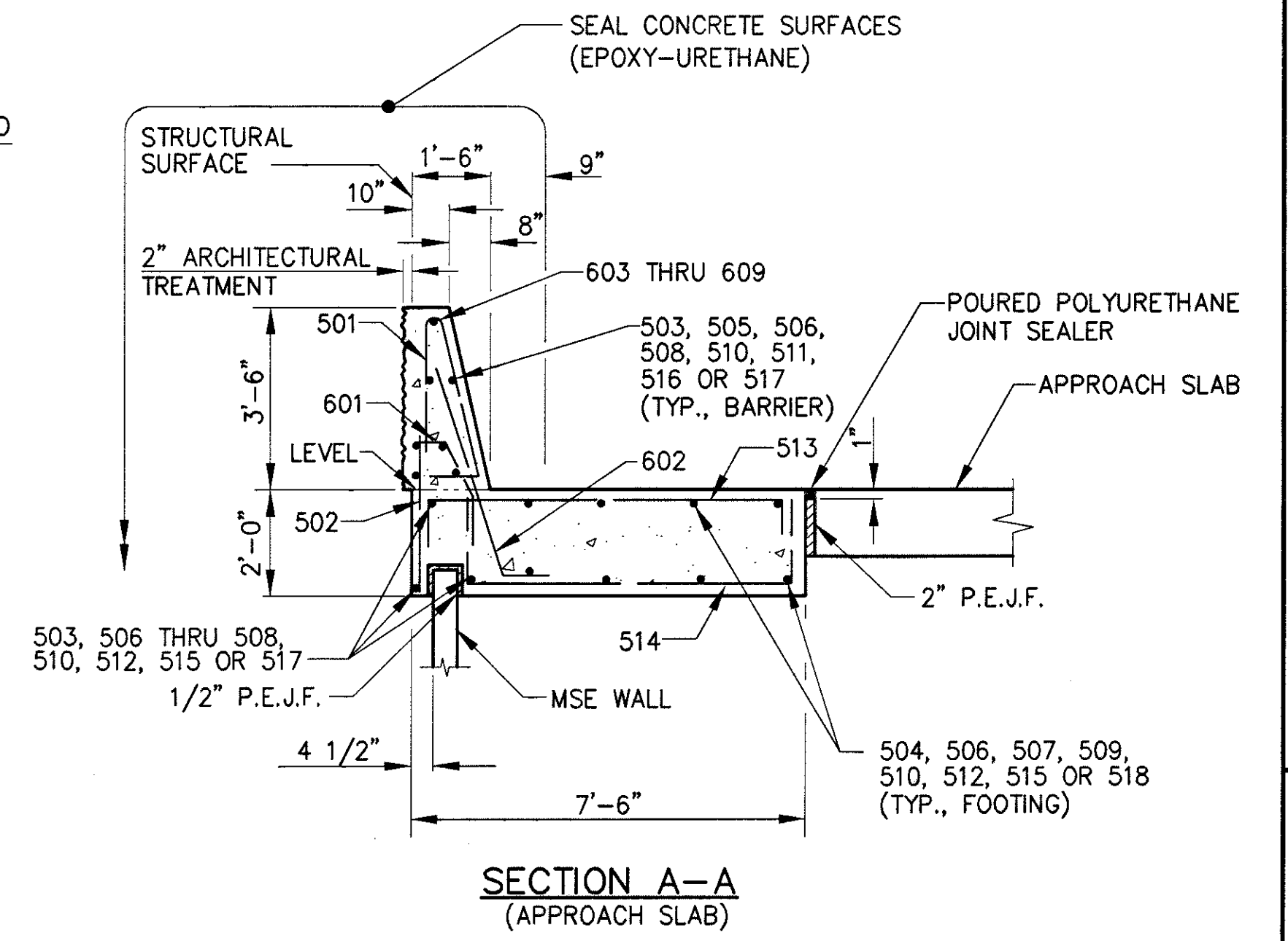
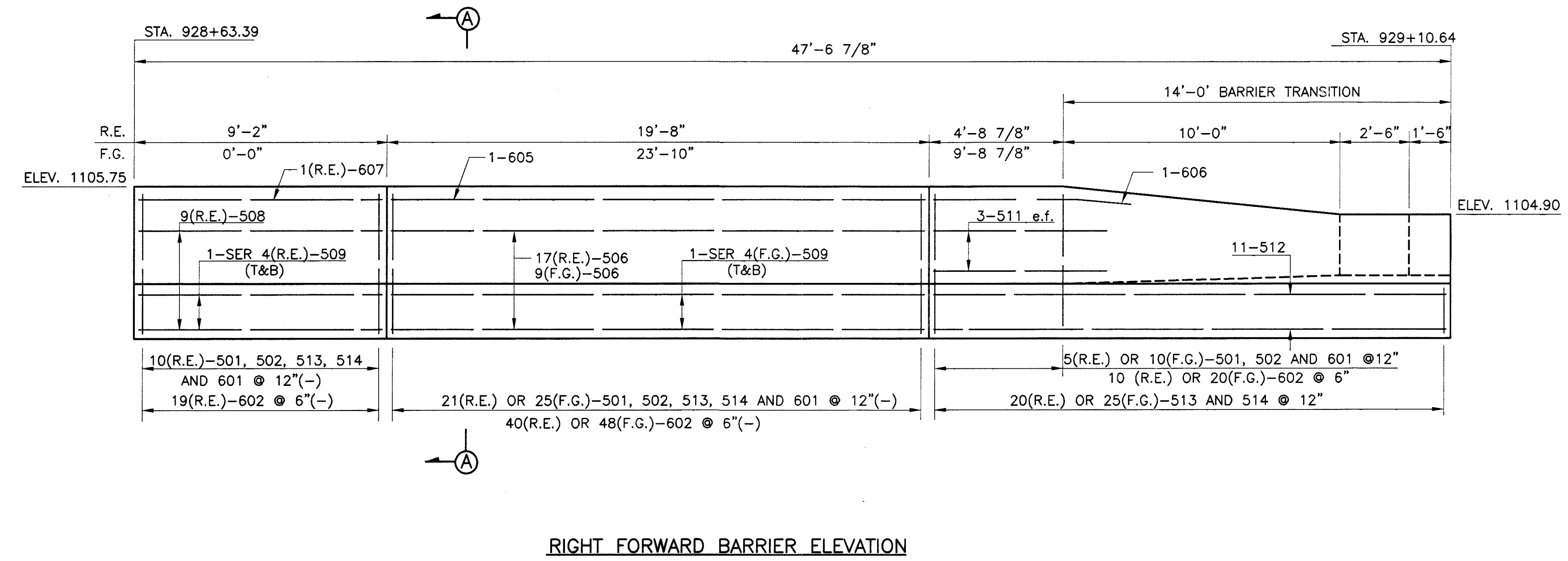
WAY-30-15.96

4 / 8

487
 656



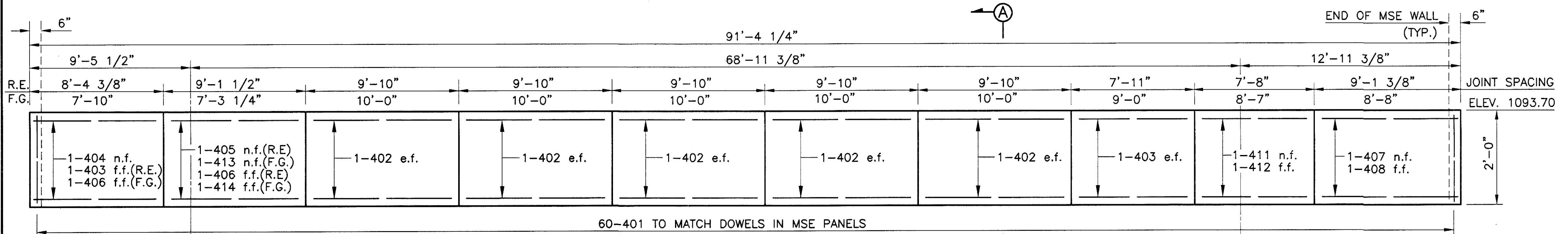
* FOR PLACEMENT SEE PARTIAL PLAN ON SHEET 1/8.



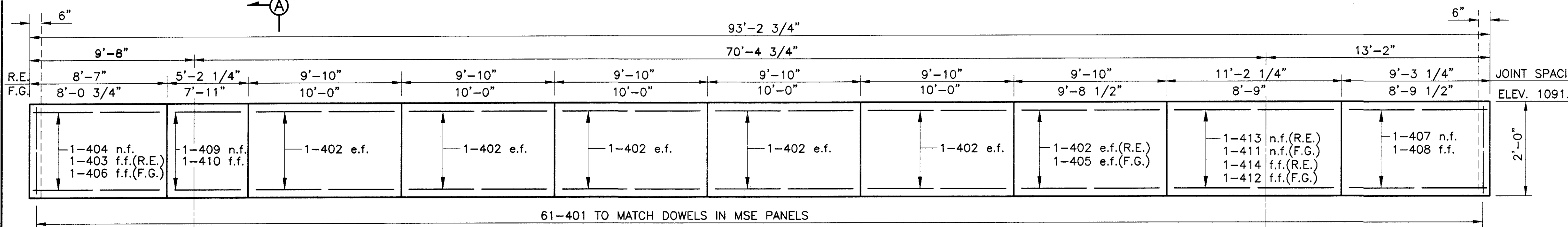
NOTES

1. FOR SECTION C-C THRU F-F AND BARRIER TRANSITION REINFORCING SEE SHEET 3/8.
2. PAYMENTS FOR 2" P.E.J.F. AND POURED POLYURETHANE JOINT SEALER SHALL BE INCLUDED WITH ITEM SPECIAL 610 REINFORCED EARTH WALL OR RETAINED EARTH WALL.
3. FOR ADDITIONAL NOTES SEE SHEET 3/8.

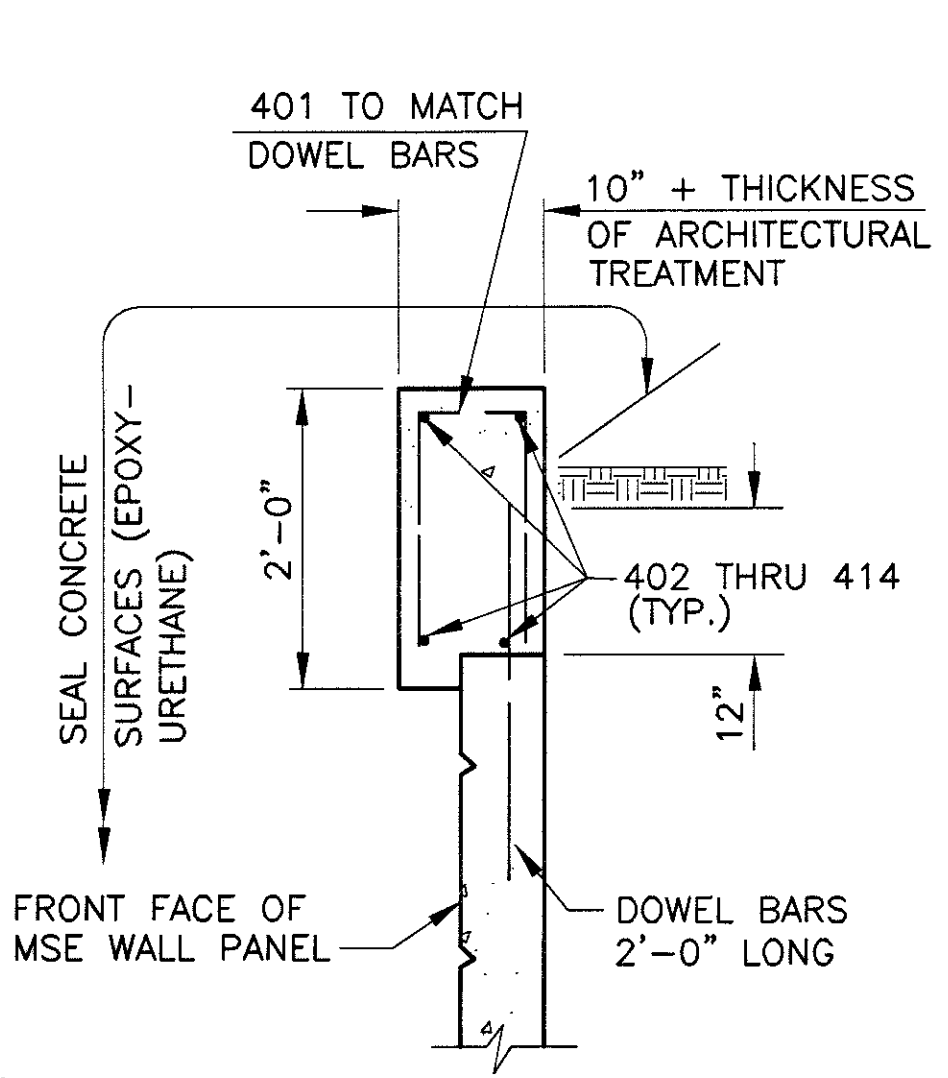
E:\JOBS\7070\BRIDGE\08\DWG\WSEA\7070WSEA.DWG GFH 2/18/03 PLOT 1:2.867



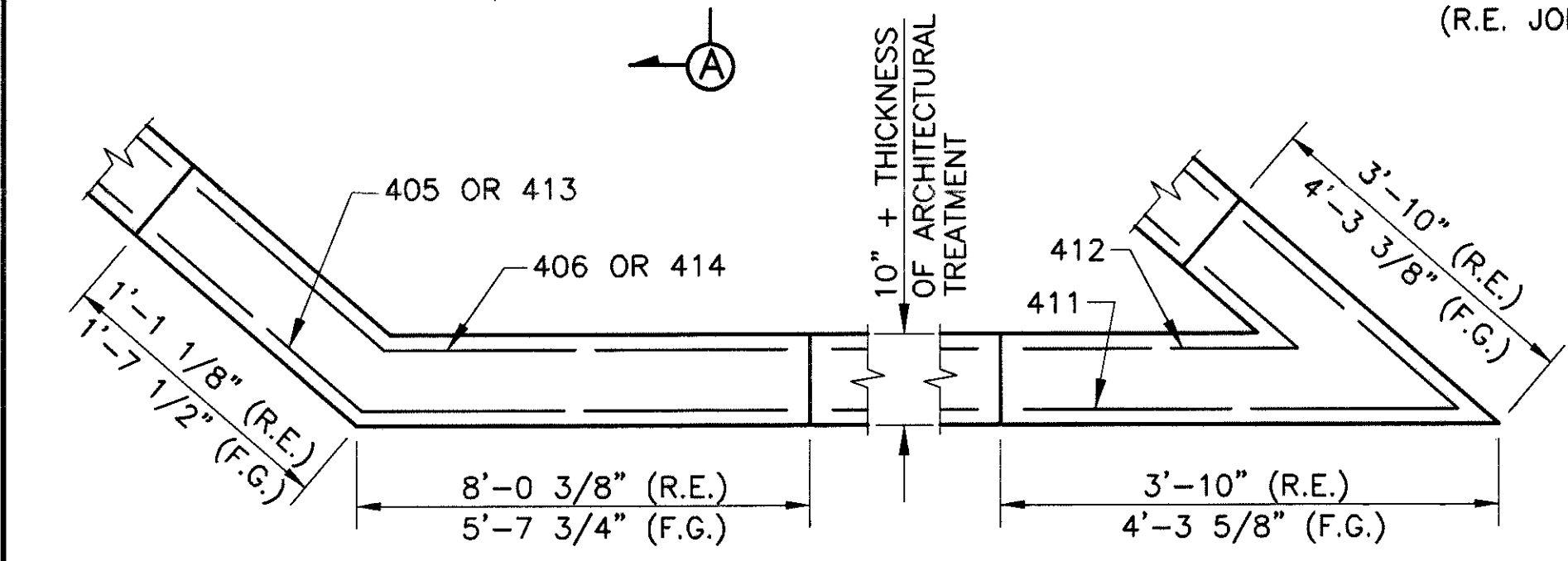
REAR COPING-DEVELOPED ELEVATION
(R.E. JOINT SPACING SHOWN, F.G. AS NOTED)



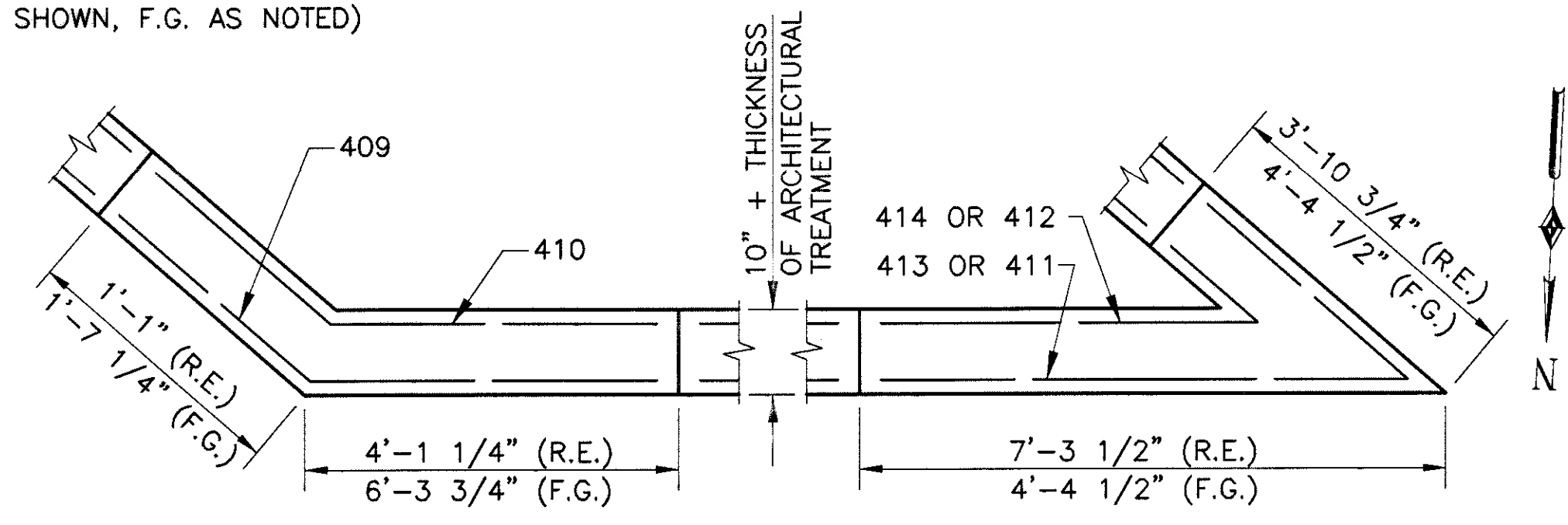
FORWARD COPING-DEVELOPED ELEVATION
(R.E. JOINT SPACING SHOWN, F.G. AS NOTED)



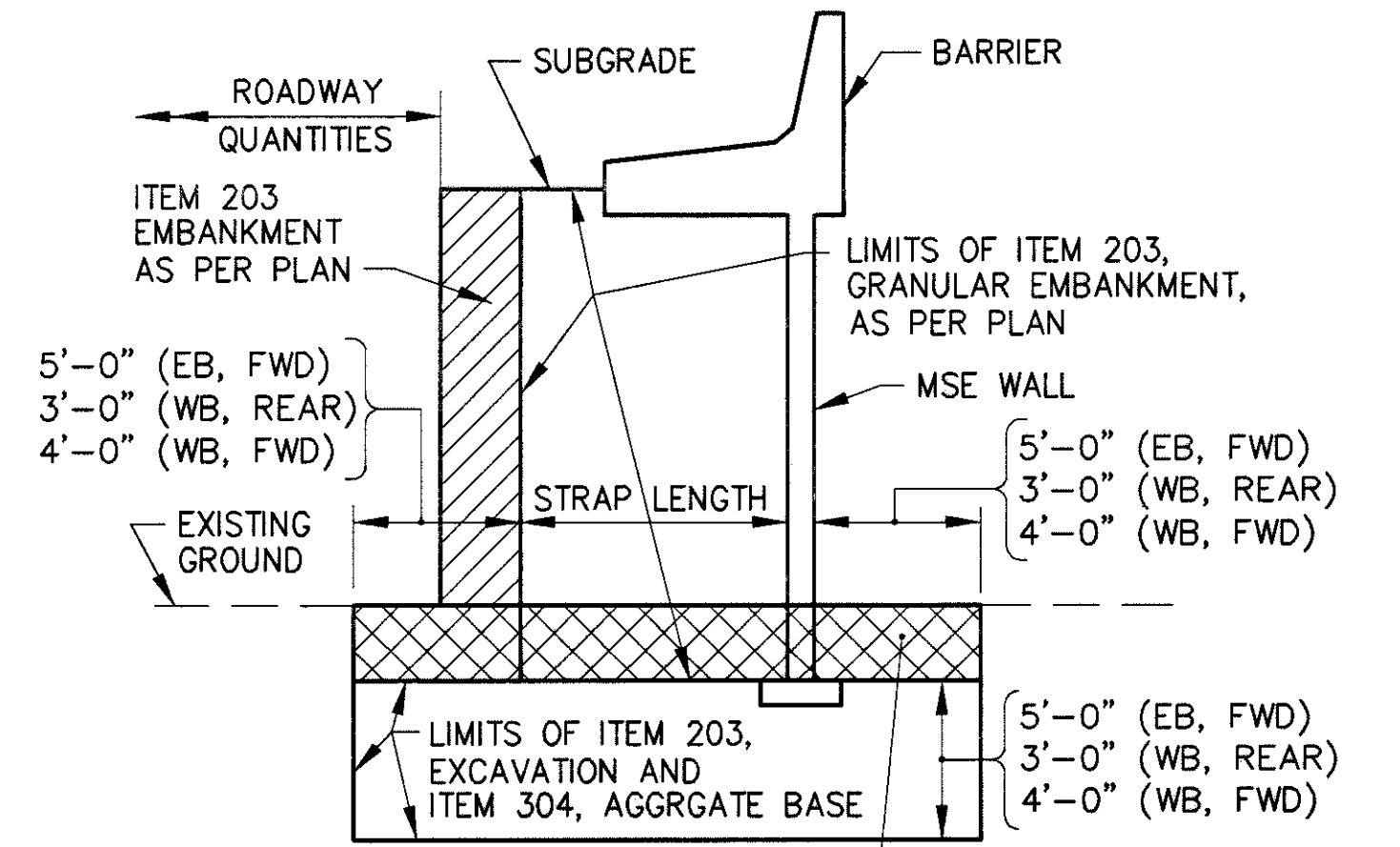
SECTION A-A



PARTIAL PLAN - REAR COPING AT BEND POINTS

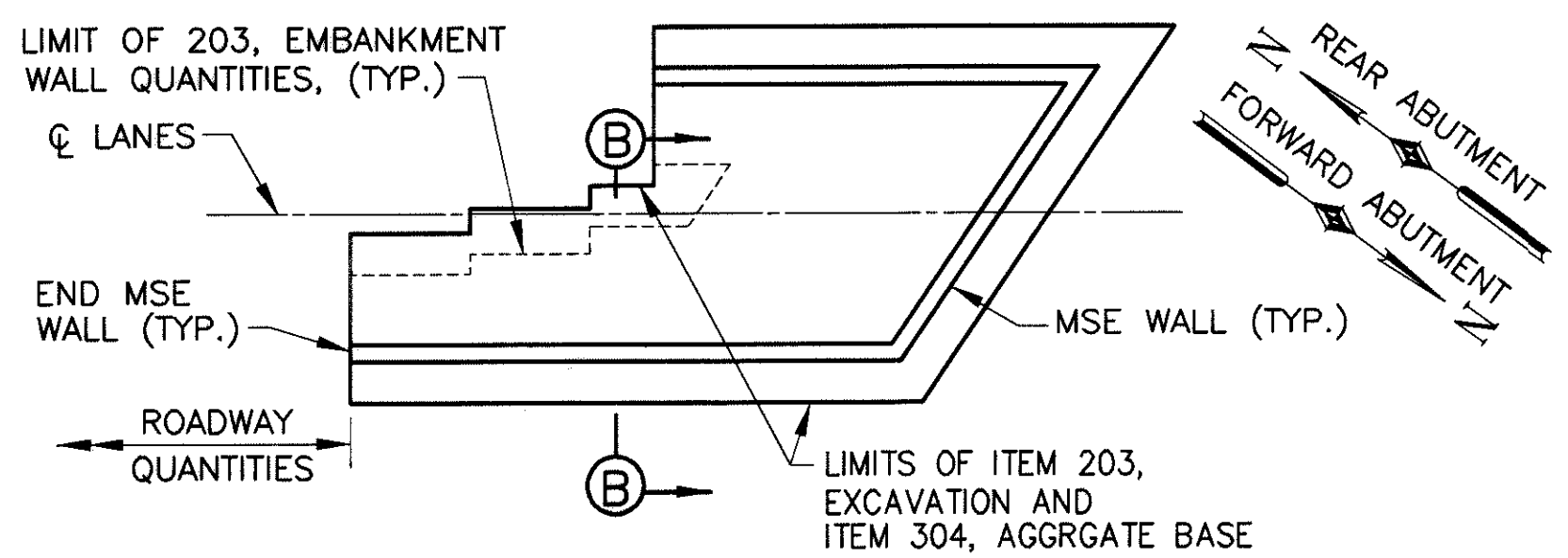


PARTIAL PLAN - FORWARD COPING AT BEND POINTS

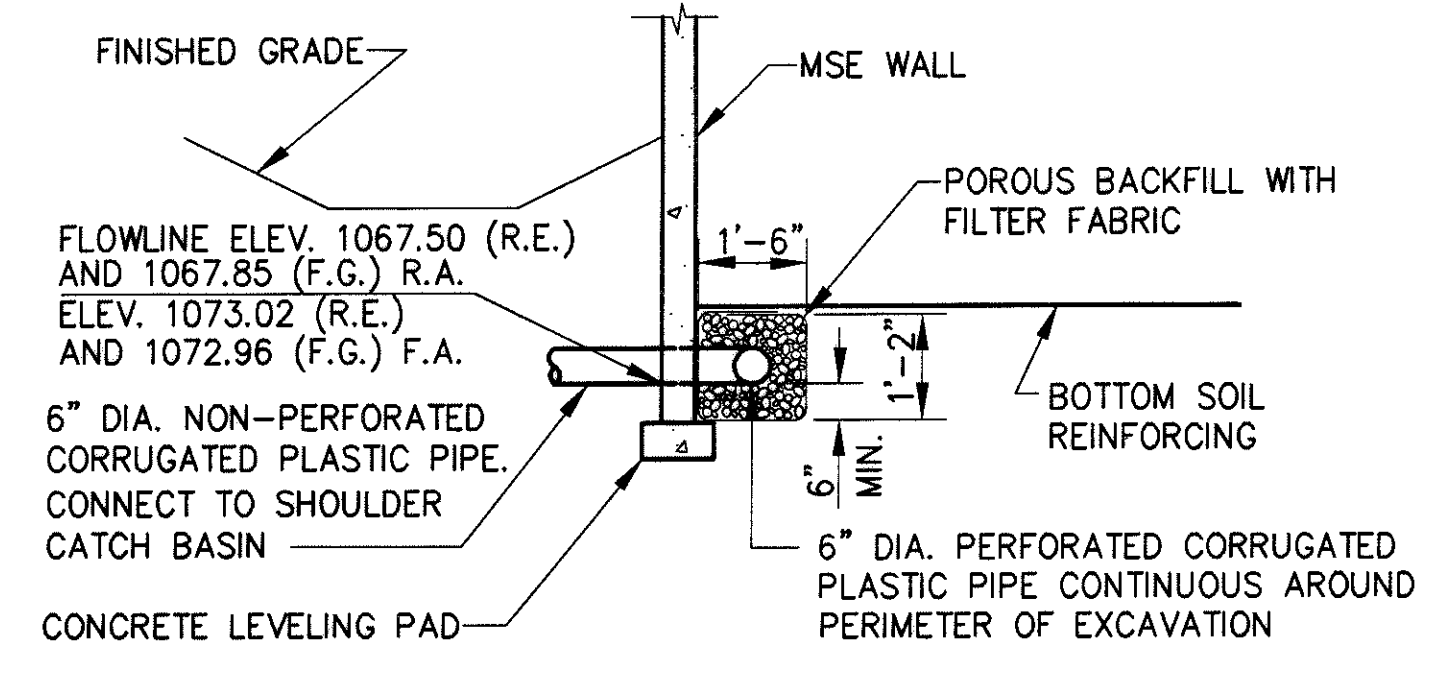


SECTION B-B
(SEE NOTE A, THIS SHEET)

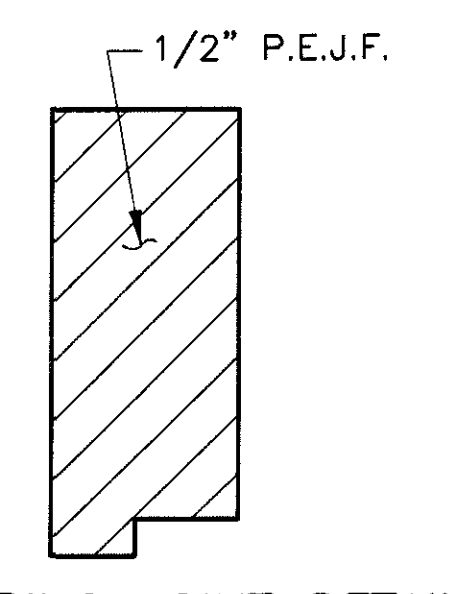
NOTE A:
MSE RETAINING WALLS, REMOVAL OF IN-SITU SOILS AND BACKFILLING WITH 304: PRIOR TO THE CONSTRUCTION OF MECHANICALLY STABILIZED EARTH RETAINING WALLS, THE EXISTING IN-SITU SOILS SHALL BE REMOVED AND THE RESULTING EXCAVATION SHALL BE BACKFILLED AS PER ITEM 304 OF CMS. THE LIMITS OF THE REMOVAL OF THE IN-SITU SOILS SHALL BE FROM THE ELEVATION OF THE TOP OF THE LEVELING PAD SHOWN ON THE MSE WALL PLANS OR FROM THE EXISTING GROUND, WHICHEVER IS LOWER, TO A DEPTH AS SHOWN IN SECTION B-B ON THIS SHEET. THE LENGTH OF THE EXCAVATION SHALL BE EQUAL TO THE LENGTH OF THE RETAINING WALLS.



PLAN-EMBANKMENT DIAGRAM



MSE WALL DRAIN DETAIL



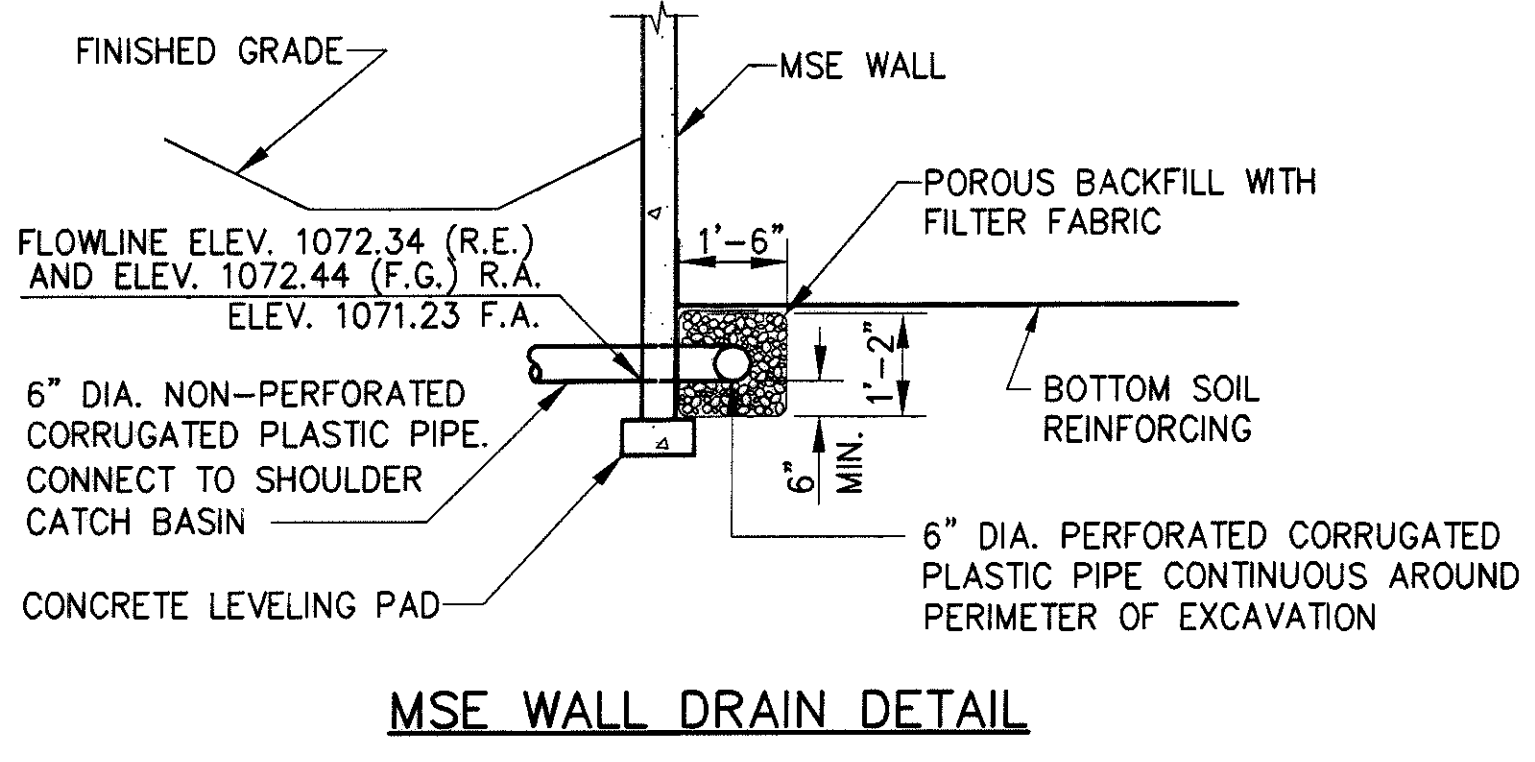
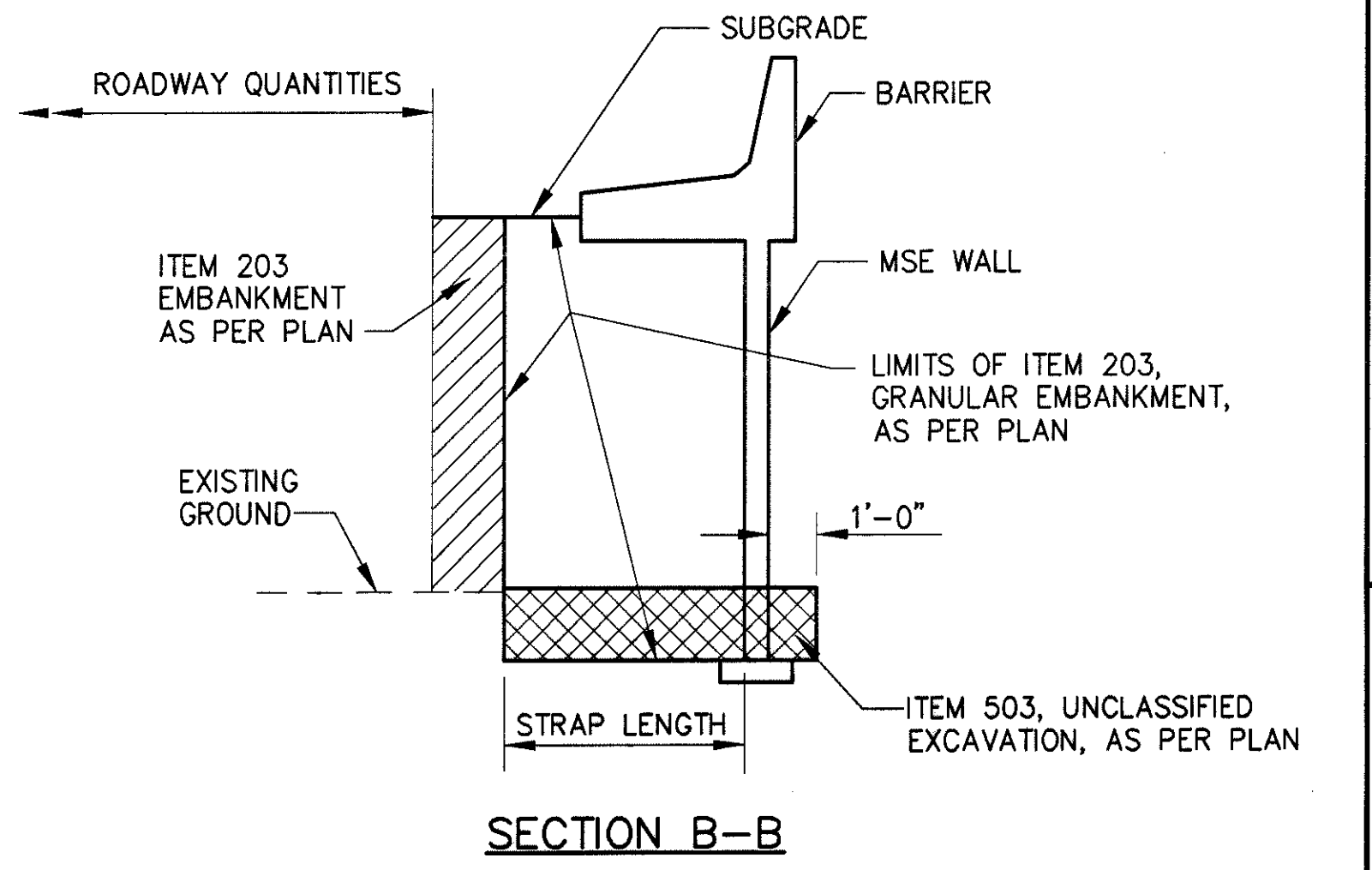
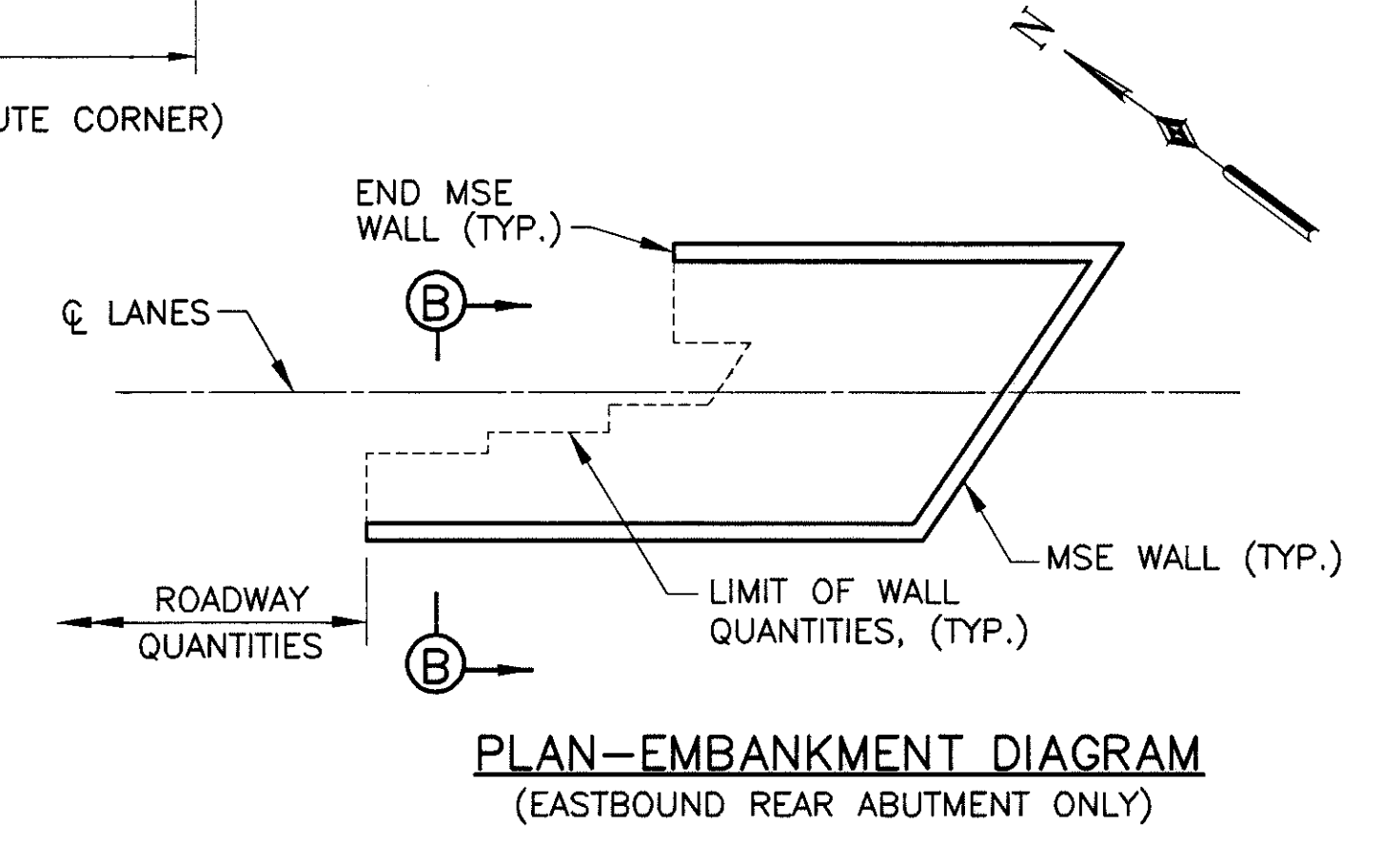
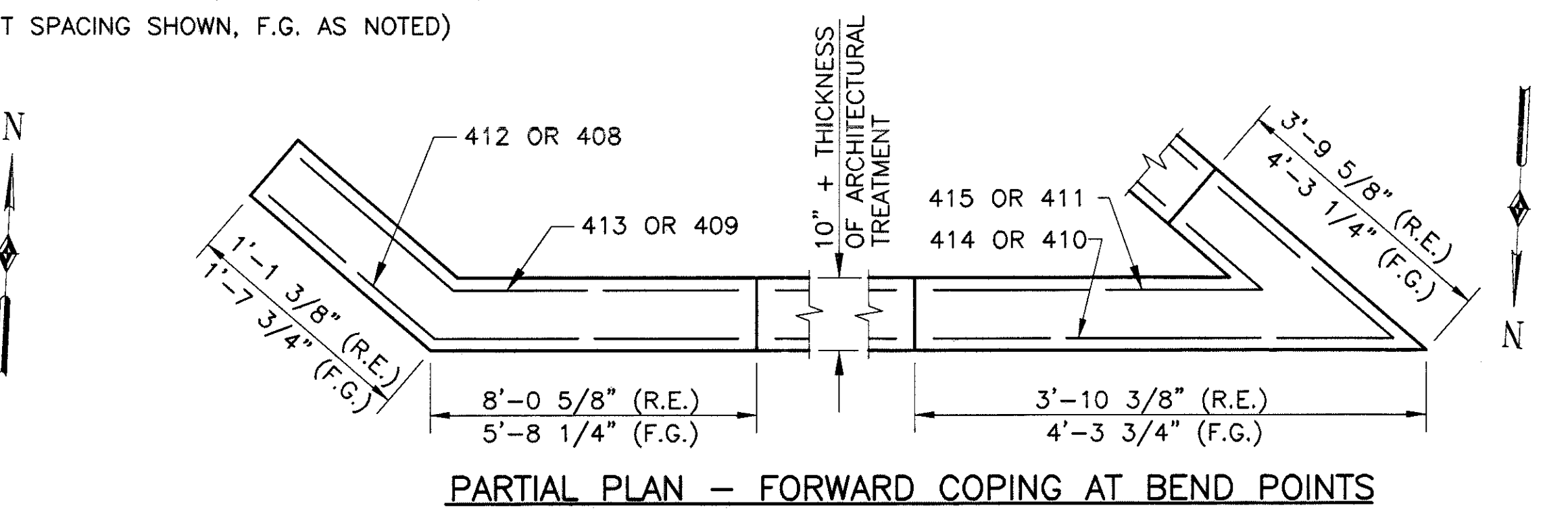
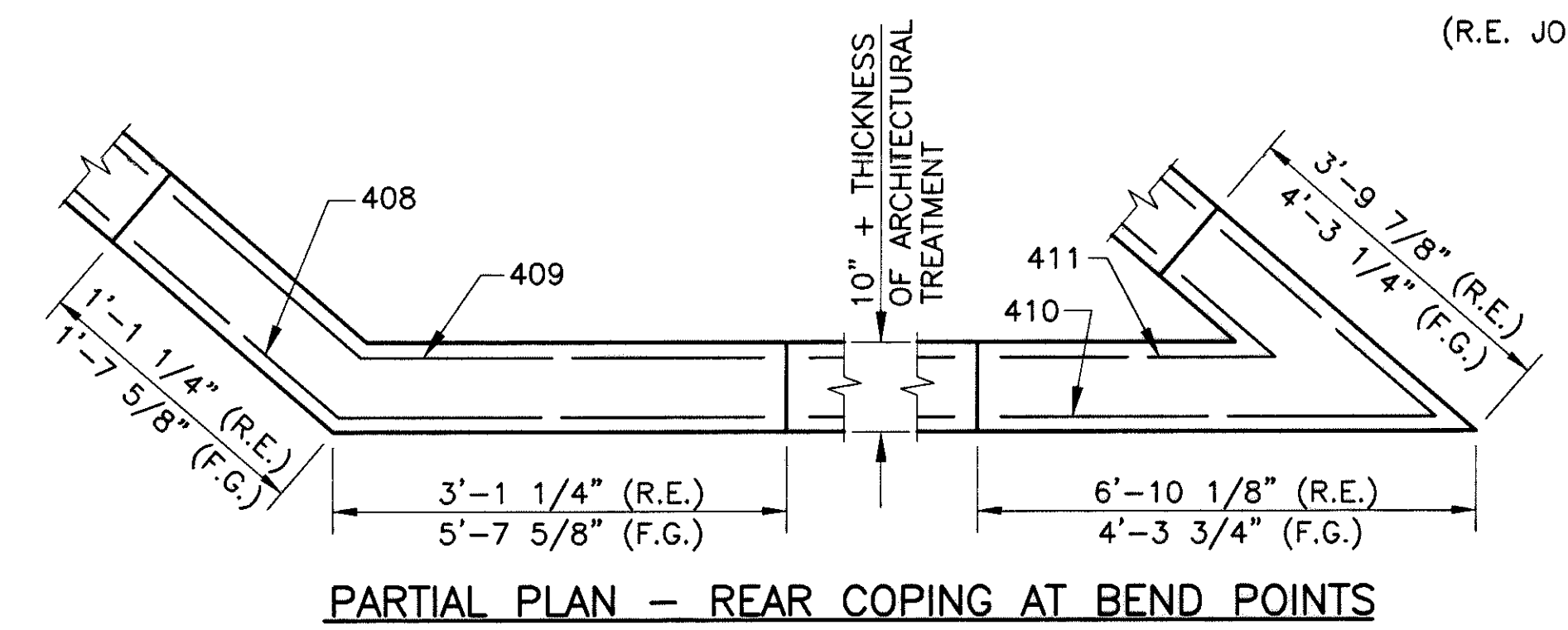
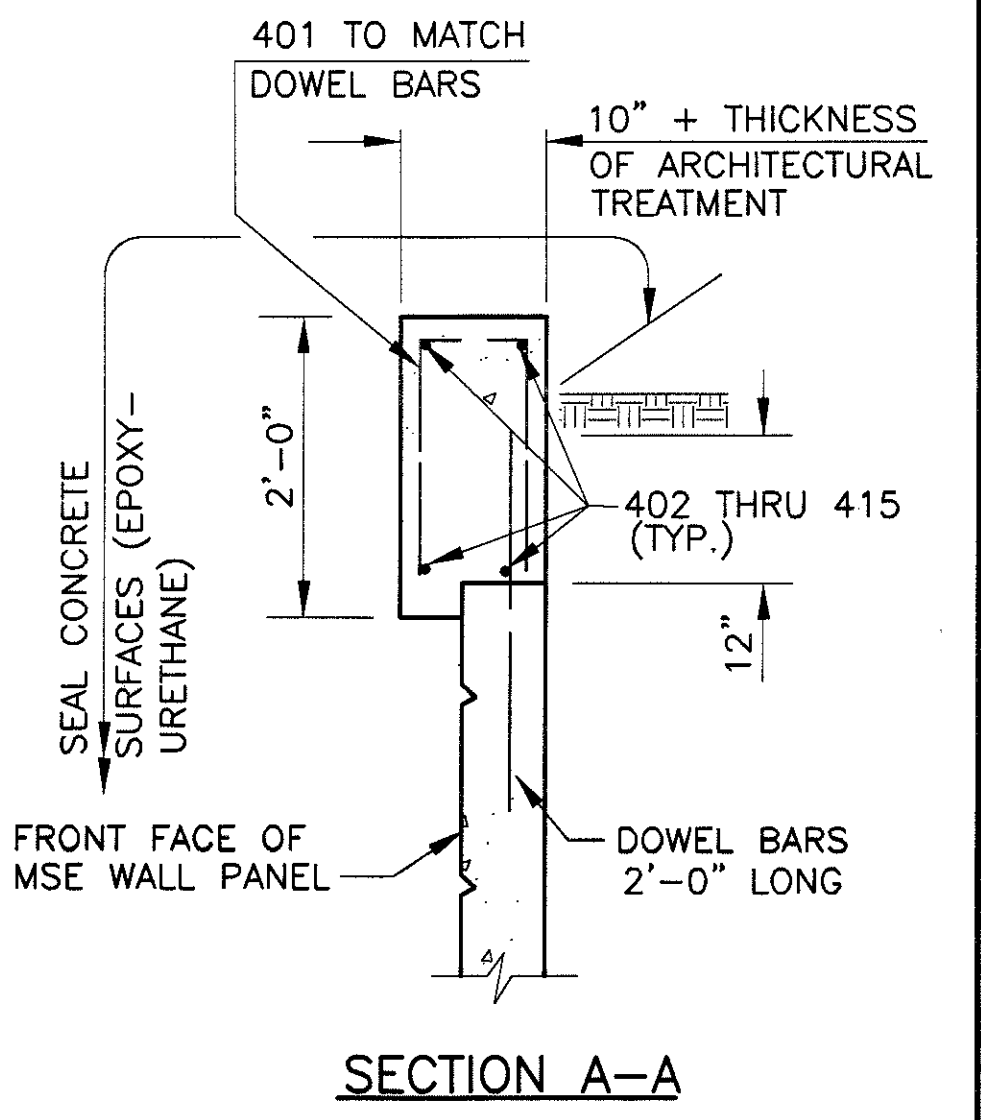
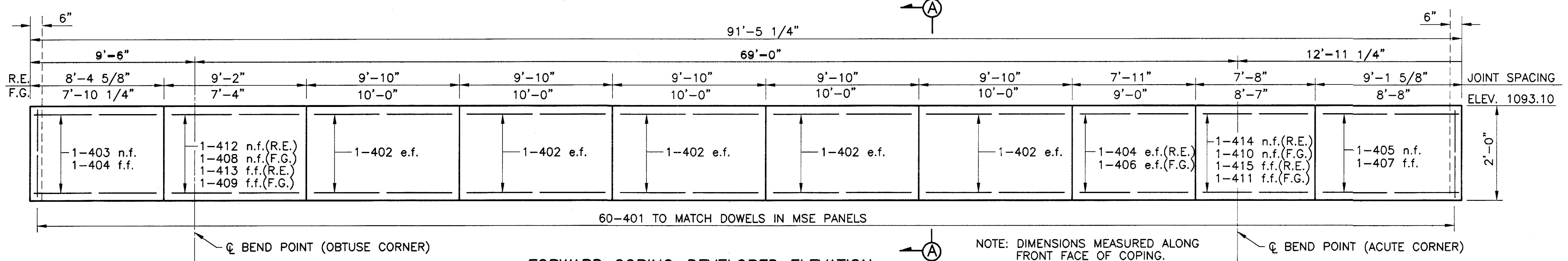
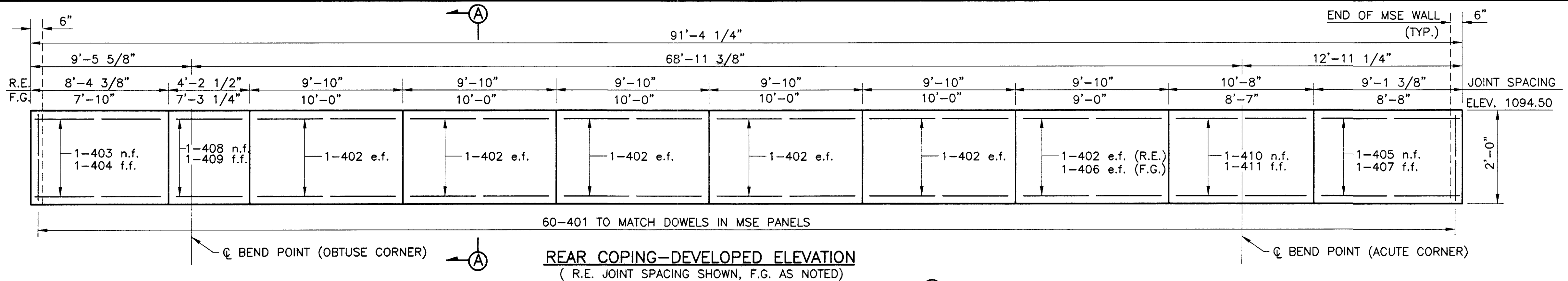
COPING JOINT DETAIL

ESTIMATED QUANTITIES-THE REINFORCED EARTH COMPANY					
ITEM	ITEM EXTENSION	TOTAL	UNIT	DESCRIPTION	AS PER PLAN SHEET NUMBERS
203	10000	918	CU.YD.	EXCAVATION	
203	20001	295	CU.YD.	EMBANKMENT, AS PER PLAN	[5/8]
203	35001	4,024	CU.YD.	GRANULAR EMBANKMENT, AS PER PLAN	[5/8]
304	20000	918	CU.YD.	AGGREGATE BASE	
503	21101	618	CU.YD.	UNCLASSIFIED EXCAVATION, AS PER PLAN	[5/8]
518	40000	323	FT.	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	40010	115	FT.	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
SPECIAL	61013500	7,476	SQ.FT.	REINFORCED EARTH WALL	
864	10100	934	SQ.YD.	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	

ESTIMATED QUANTITIES-FOSTER GEOTECHNICAL					
ITEM	ITEM EXTENSION	TOTAL	UNIT	DESCRIPTION	AS PER PLAN SHEET NUMBERS
203	10000	954	CU.YD.	EXCAVATION	
203	20001	231	CU.YD.	EMBANKMENT, AS PER PLAN	[5/8]
203	35001	4,088	CU.YD.	GRANULAR EMBANKMENT, AS PER PLAN	[5/8]
304	20000	954	CU.YD.	AGGREGATE BASE	
503	21101	575	CU.YD.	UNCLASSIFIED EXCAVATION, AS PER PLAN	[5/8]
518	40000	323	FT.	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	40010	115	FT.	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
SPECIAL	61013700	7,188	SQ.FT.	RETAINED EARTH WALL	
864	10100	934	SQ.YD.	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	

* 307 CU. YD. = VOLUME ADDED TO ROADWAY

GPH: 2/18/03 PLOT: 1:2,887
 F:\JBS\470\BRIDGE\WAY30\W30\MSE\170MSEB5.DWG



- NOTES**
- FOR COPING JOINT DETAIL AND EMBANKMENT DIAGRAM FOR THE EASTBOUND FORWARD ABUTMENT SEE SHEET [5/8].
 - FOR ADDITIONAL NOTES SEE SHEET [5/8].
 - FOR "AS PER PLAN" WALL QUANTITIES SEE SPECIAL PROVISIONS.

ESTIMATED QUANTITIES—THE REINFORCED EARTH COMPANY

ITEM	ITEM EXTENSION	TOTAL	UNIT	DESCRIPTION	AS PER PLAN SHEET NUMBERS
203	10000	766	CU.YD.	EXCAVATION	
203	20001	204	CU.YD.	EMBANKMENT, AS PER PLAN	[6/8]
203	35001	3,952	CU.YD.	GRANULAR EMBANKMENT, AS PER PLAN	[6/8]
304	20000	766	CU.YD.	AGGREGATE BASE	
503	21101	889	CU.YD.	UNCLASSIFIED EXCAVATION, AS PER PLAN	[6/8]
518	40000	328	FT.	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	40010	173	FT.	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
SPECIAL	61013500	7,198	SQ.FT.	REINFORCED EARTH WALL	
864	10100	852	SQ.YD.	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	

ESTIMATED QUANTITIES—FOSTER GEOTECHNICAL

ITEM	ITEM EXTENSION	TOTAL	UNIT	DESCRIPTION	AS PER PLAN SHEET NUMBERS
203	10000	775	CU.YD.	EXCAVATION	
203	20001	399	CU.YD.	EMBANKMENT, AS PER PLAN	[6/8]
203	35001	3,757	CU.YD.	GRANULAR EMBANKMENT, AS PER PLAN	[6/8]
304	20000	775	CU.YD.	AGGREGATE BASE	
503	21101	553	CU.YD.	UNCLASSIFIED EXCAVATION, AS PER PLAN	[6/8]
518	40000	321	FT.	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	40010	173	FT.	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
SPECIAL	61013700	6,606	SQ.FT.	RETAINED EARTH WALL	
864	10100	852	SQ.YD.	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	

* 618 CU. YD. = VOLUME ADDED TO ROADWAY

GFH: 2-19-03 PLOT: 1-2-867
 F:\JDBS\170\BRIDGE\08\DWG\MSE\WAY30\MSE6.DWG

THE REINFORCED EARTH COMPANY													
MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS					SER. INCR.	
	REAR	FWD	TOTAL				A	B	C	D	E		R
COPING (WESTBOUND)													
C401	60	61	121	3'-6"	283	27	6"	1'-8"	1'-6"				
C402	20	24	44	9'-6"	279	STR.							
C403	6	2	8	7'-7"	41	STR.							
C404	2	2	4	8'-1"	22	STR.							
C405	2	-	2	8'-8"	12	59	7'-10"	10"	10				
C406	2	-	2	8'-3"	11	59	7'-7"	8"	10				
C407	2	2	4	8'-9"	23	STR.							
C408	2	2	4	8'-3"	22	STR.							
C409	-	2	2	4'-9"	6	59	3'-11"	10"	10				
C410	-	2	2	4'-4"	6	59	3'-8"	8"	10				
C411	2	-	2	6'-5"	9	9	3'-3"	3'-3"	10				
C412	2	-	2	3'-7"	5	9	1'-10"	1'-10"	10				
C413	-	2	2	9'-10"	13	9	6'-8"	3'-3"	10				
C414	-	2	2	7'-0"	9	9	5'-3"	1'-10"	10				
C501	26	26	52	3'-10"	208	STR.							
				TOTAL	949								
BARRIER (WESTBOUND)													
B501	115	75	190	7'-5"	1,470	58	3'-0"	3'-2"	1'-1"				
B502	115	75	190	2'-9"	545	STR.							
B503	9	-	9	18'-10"	177	STR.							
B504	SER.	-	SER.	TO	164	STR.							1'-9"
B505	6	-	6	9'-6"	59	STR.							
B506	34	17	51	19'-4"	1,028	STR.							
B507	11	-	11	21'-3"	244	STR.							
B508	9	-	9	8'-9"	82	STR.							
B509	SER.	-	SER.	TO	41	STR.							2'-1"
B510	8	-	8	4'-9"	40	STR.							
B511	6	-	6	10'-8"	67	STR.							
B512	11	-	11	22'-6"	258	STR.							
B513	54	55	109	10'-1"	1,146	6	7'-2"	1'-7"					
B514	54	55	109	9'-1"	1,033	6	6'-2"	1'-7"					
B515	96	54	150	8'-4"	1,304	10	7'-2"	10"	7"	1/2			
B516	96	54	150	8'-1"	1,265	12	6'-2"	1'-7"	7"				
B517	-	9	9	13'-11"	131	STR.							
B518	-	2	2	14'-4"									1'-10"
B519	9	-	9	24'-3"	228	STR.							
B520	-	4	4	2'-2"	9	STR.							
B521	-	11	11	23'-8"	272	STR.							
B522	-	6	6	11'-10"	74	STR.							
B523	-	17	17	9'-6"	168	STR.							
B524	-	2	2	1'-9"									2'-2"
B525	-	9	9	9'-0"	84	STR.							
B526	8	-	8	21'-6"	179	STR.							
B527	-	6	6	10'-3"	64	STR.							
B528	-	6	6	21'-10"	137	STR.							
B529	SER.	SER.	SER.	TO	200	STR.							1"
B530	18	10	28	4'-4"	127	STR.							
B531	6	6	12	5'-6"	69	18	1'-8"	2'-5"	1'-5"	5"	1 1/2"		
B532	10	10	20	5'-6"	115	STR.							
B533	16	16	32	10'-0"	334	STR.							
B534	-	10	10	11'-8"	122	STR.							
B601	115	75	190	3'-8"	1,046	60	1'-1"	1'-9"	11"	2 1/4"			
B602	221	145	366	5'-1"	2,794	69	4'-2"	1'-0"	8				
B603	1	-	1	18'-10"	28	STR.							
B604	1	-	1	9'-11"	15	9	7'-5"	2'-6"	1				
B605	2	1	3	19'-4"	87	STR.							
B606	1	-	1	11'-2"	17	9	8'-8"	2'-6"	1				
B607	-	1	1	13'-11"	21	STR.							
B608	1	-	1	8'-9"	13	STR.							
B609	-	1	1	12'-4"	19	9	9'-10"	2'-6"	1				
B610	-	1	1	9'-6"	14	STR.							
B611	-	1	1	10'-6"	16	9	8'-0"	2'-6"	1				
B612	56	56	112	4'-11"	827	8	3'-3"	1'-0"	8				
B613	SER.	SER.	SER.	TO	333	5	TO	1'-0"					1"
B614	10	10	20	5'-1"	153	5	4'-3"	1'-0"					
B615	1	-	1	24'-3"	36	STR.							
B616	-	1	1	9'-0"	14	STR.							
				TOTAL	16,854								

FOSTER GEOTECHNICAL													
MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS					SER. INCR.	
	REAR	FWD	TOTAL				A	B	C	D	E		R
COPING (WESTBOUND)													
C401	60	61	121	3'-6"	283	27	6"	1'-8"	1'-6"				
C402	20	20	40	9'-8"	258	STR.							
C403	4	-	4	8'-8"	23	STR.							
C404	2	2	4	7'-6"	20	STR.							
C405	0	4	4	9'-4"	25	STR.							
C406	2	2	4	7'-0"	19	STR.							
C407	2	2	4	8'-4"	22	STR.							
C408	2	2	4	7'-10"	21	STR.							
C409	-	2	2	7'-5"	10	59	6'-1"	1'-4"	10				
C410	-	2	2	7'-0"	9	59	5'-10"	1'-2"	10				
C411	2	2	4	7'-3"	19	9	3'-8"	3'-8"	10				
C412	2	2	4	4'-5"	12	9	2'-3"	2'-3"	10				
C413	2	-	2	6'-9"	9	59	5'-5"	1'-4"	10				
C414	2	-	2	6'-4"	8	59	5'-2"	1'-2"	10				
C501	26	26	52	3'-10"	208	STR.							
				TOTAL	946								
BARRIER (WESTBOUND)													
B501	115	75	190	7'-5"	1,470	58	3'-0"	3'-2"	1'-1"				
B502	115	75	190	2'-9"	545	STR.							
B503	9	-	9	17'-4"	163	STR.							
B504	SER.	-	SER.	TO	164	STR.							1'-9"
B505	6	-	6	10'-5"	65	STR.							
B506	43	17	60	19'-8"	1,231	STR.							
B507	11	-	11	22'-2"	254	STR.							
B508	9	-	9	13'-6"	127	STR.							
B509	SER.	-	SER.	TO	80	STR.							2'-1"
B510	8	-	8	4'-10"	40	STR.							
B511	6	-	6	10'-7"	66	STR.							
B512	11	-	11	22'-4"	256	STR.							
B513	54	56	110	10'-1"	1,157	6	7'-2"	1'-7"					
B514	54	56	110	9'-1"	1,042	6	6'-2"	1'-7"					
B515	96	54	150	8'-4"	1,304	10	7'-2"	10"	7"	1/2			
B516	96	54	150	8'-1"	1,265	12	6'-2"	1'-7"	7"				
B517	-	9	9	14'-8"	138	STR.							
B518	-	2	2	15'-0"									1'-10"
B519	8	-	8	2'-11"	24	STR.							
B520	-	4	4	1'-6"	6	STR.							
B521	-	11	11	22'-7"	259	STR.							
B522	-	6	6	10'-10"	68	STR.							
B523	-	9	9	18'-4"	172	STR.							
B524	-	2	2	11'-1"									2'-2"
B525	-	5	5	12'-2"	63	STR.							
B526	8	-	8	16'-10"	140	STR.							
B527	-	6	6	10'-6"	66	STR.							
B528	-	6	6	22'-4"	140	STR.							
B529	SER.	SER.	SER.	TO	200	STR.							1"
B530	10	10	20	4'-4"	90	STR.							
B531	6	6	12	5'-6"	69	18	1'-8"	2'-5"	1'-5"	5"	1 1/2"		
B532	10	10	20	5'-6"	115	STR.							
B533	16	16	32	10'-0"	334	STR.							
B534	-	5	5	11'-11"	62	STR.							
B601	115	75	190	3'-8"	1								

THE REINFORCED EARTH COMPANY														
MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						SER. INCR.	
	REAR	FWD	TOTAL				LBS.	A	B	C	D	E		R
COPING (EASTBOUND)														
C401	60	60	120	3'-6"	281	27	6"	1'-8"	1'-6"					
C402	24	20	44	9'-6"	279	STR.								
C403	2	2	4	8'-0"	21	STR.								
C404	2	6	8	7'-6"	40	STR.								
C405	2	2	4	8'-9"	23	STR.								
C406	NOT USED													
C407	2	2	4	8'-3"	22	STR.								
C408	2	-	2	3'-8"	5	9	2'-10"	10"	10					
C409	2	-	2	3'-4"	4	9	2'-8"	8"	10					
C410	2	-	2	9'-4"	12	59	6'-3"	3'-2"	10					
C411	2	-	2	6'-8"	9	59	4'-11"	1'-10"	10					
C412	-	2	2	8'-7"	11	9	7'-9"	10"	10					
C413	-	2	2	8'-3"	11	9	7'-7"	8"	10					
C414	-	2	2	6'-4"	8	59	3'-3"	3'-2"	10					
C415	-	2	2	3'-8"	5	59	1'-11"	1'-10"	10					
C501	22	22	44	3'-10"	176	STR.								
				TOTAL	907									
BARRIER (EASTBOUND)														
B501	67	96	163	7'-5"	1,261	58	3'-0"	3'-2"	1'-1"					
B502	67	96	163	2'-9"	468	STR.								
B503	9	-	9	23'-9"	223	STR.								
B504	SER.	SER.	SER.	TO	224	STR.								1'-9"
	4	-	4	29'-6"										
B505	6	-	6	7'-11"	50	STR.								
B506	17	17	34	19'-4"	686	STR.								
B507	11	-	11	19'-8"	226	STR.								
B508	9	9	18	8'-9"	164	STR.								
B509	SER.	SER.	SER.	TO	88	STR.								2'-1"
	4	4	4	8'-5"										
B510	-	17	17	24'-3"	430	STR.								
B511	6	6	12	6'-8"	83	STR.								
B512	11	11	22	18'-5"	423	STR.								
B513	100	129	229	10'-1"	2,408	6	7'-2"	1'-7"						
B514	100	129	229	9'-1"	2,170	6	6'-2"	1'-7"						
B515	-	11	11	22'-1"	253	STR.								
B516	-	6	6	10'-3"	64	STR.								
B517	-	9	9	23'-9"	223	STR.								
B518	-	2	2	24'-1"										
B518	-	SER.	SER.	TO	224	STR.								1'-10"
	-	4	4	29'-7"										
	2	2	4	4'-5"										
B519	SER.	SER.	SER.	TO	200	STR.								1"
	10	10	10	5'-2"										
B520	10	10	20	4'-4"	90	STR.								
B521	6	6	12	5'-6"	69	18	1'-8"	2'-5"	1'-5"	5"	1 1/2"			
B522	10	10	20	5'-6"	115	STR.								
B523	16	16	32	10'-0"	334	STR.								
B601	67	96	163	3'-8"	898	60	1'-1"	1'-9"	11"	2 1/4				
B602	130	185	315	5'-1"	2,405	69	4'-2"	1'-0"	8					
B603	1	1	2	23'-9"	71	STR.								
B604	1	-	1	8'-4"	13	9	5'-10"	2'-6"	1					
B605	1	1	2	19'-4"	58	STR.								
B606	1	1	2	7'-1"	21	9	4'-7"	2'-6"	1					
B607	1	1	2	8'-9"	26	STR.								
B608	-	1	1	24'-3"	36	STR.								
B609	-	1	1	10'-9"	16	9	8'-3"	2'-6"	1					
B610	56	56	112	4'-11"	827	8	3'-3"	1'-0"	8					
	2	2	4	5'-2"			4'-4"							
B611	SER.	SER.	SER.	TO	333	5	TO	1'-0"						1"
	10	10	10	5'-11"			5'-1"							
B612	10	10	20	5'-1"	153	5	4'-3"	1'-0"						
				TOTAL	15,333									

FOSTER GEOTECHNICAL														
MARK	NUMBER			LENGTH	WEIGHT	TYPE	DIMENSIONS						SER. INCR.	
	REAR	FWD	TOTAL				LBS.	A	B	C	D	E		R
COPING (EASTBOUND)														
C401	60	60	120	3'-6"	281	27	6"	1'-8"	1'-6"					
C402	20	20	40	9'-8"	258	STR.								
C403	2	2	4	7'-6"	20	STR.								
C404	2	2	4	7'-0"	19	STR.								
C405	2	2	4	8'-4"	22	STR.								
C406	4	4	8	8'-8"	46	STR.								
C407	2	2	4	7'-10"	21	STR.								
C408	2	2	4	6'-8"	18	9	5'-4"	1'-4"	10					
C409	2	2	4	6'-4"	17	9	5'-2"	1'-2"	10					
C410	2	2	4	7'-3"	19	59	3'-8"	3'-8"	10					
C411	2	2	4	4'-7"	12	59	2'-4"	2'-4"	10					
C501	22	22	44	3'-10"	176	STR.								
				TOTAL	909									
BARRIER (EASTBOUND)														
B501	66	95	161	7'-5"	1,245	58	3'-0"	3'-2"	1'-1"					
B502	66	95	161	2'-9"	462	STR.								
B503	9	-	9	21'-10"	205	STR.								
	2	-	2	22'-3"										
B504	SER.	SER.	SER.	TO	208	STR.								1'-9"
	4	-	4	27'-6"										
B505	6	-	6	9'-10"	62	STR.								
B506	9	9	18	23'-6"	441	STR.								
B507	11	-	11	21'-8"	249	STR.								
B508	NOT USED													
B509	SER.	SER.	SER.	TO	333	STR.								2'-1"
	4	4	4	23'-1"										
B510	-	17	17	24'-8"	437	STR.								
B511	6	6	12	11'-7"	145	STR.								
B512	11	11	22	23'-4"	535	STR.								
B513	99	128	227	10'-1"	2,387	6	7'-2"	1'-7"						
B514	99	128	227	9'-1"	2,151	6	6'-2"	1'-7"						
B515	-	11	11	23'-2"	266	STR.								
B516	-	6	6	11'-4"	71	STR.								
B517	-	9	9	22'-3"	209	STR.								
B518	-	2	2	22'-7"										
B518	-	SER.	SER.	TO	211	STR.								1'-10"
	-	4	4	28'-1"										
	2	2	4	4'-5"										
B519	SER.	SER.	SER.	TO	200	STR.								1"
	10	10	10	5'-2"										
B520	10	10	20	4'-4"	90	STR.								
B521	6	6	12	5'-6"	69	18	1'-8"	2'-5"	1'-5"	5"	1 1/2"			
B522	10	10	20	5'-6"	115	STR.								
B523	16	16	32	10'-0"	334	STR.								
B601	66	95	161	3'-8"	887	60	1'-1"	1'-9"	11"	2 1/4				
B602	129	184	313	5'-1"	2,390	69	4'-2"	1'-0"	8					
B603	1	-	1	21'-10"	33	STR.								
B604	1	-	1	10'-4"	16	9	7'-10"	2'-6"	1					
B605	1	1	2	23'-6"	71	STR.								
B606	1	1	2	12'-1"	36	9	9'-7"	2'-6"	1					
B607	-	1	1	22'-3"	33	STR.								
B608	-	1	1	24'-8"	37	STR.								
B609	-	1	1	11'-10"	18	9	9'-4"	2'-6"	1					
B610	56	56	112	4'-11"	827	8	3'-3"	1'-0"	8					