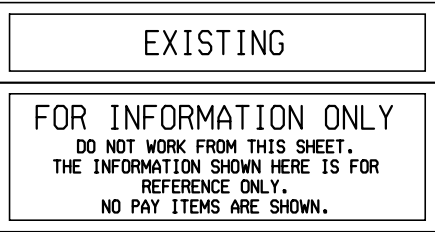
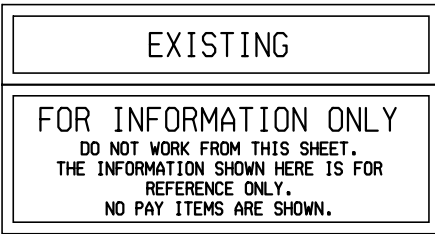


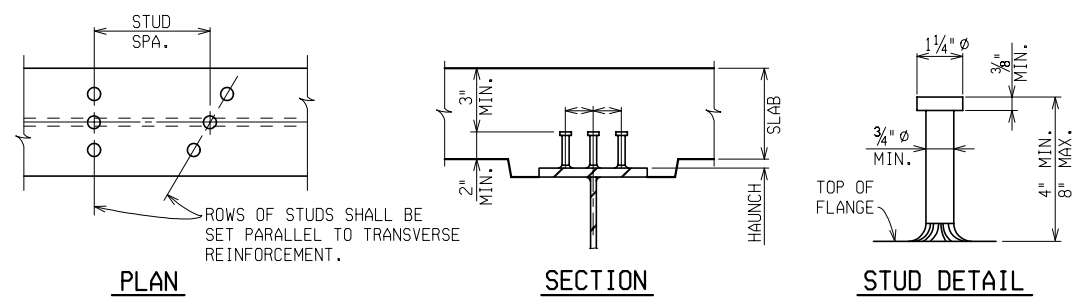
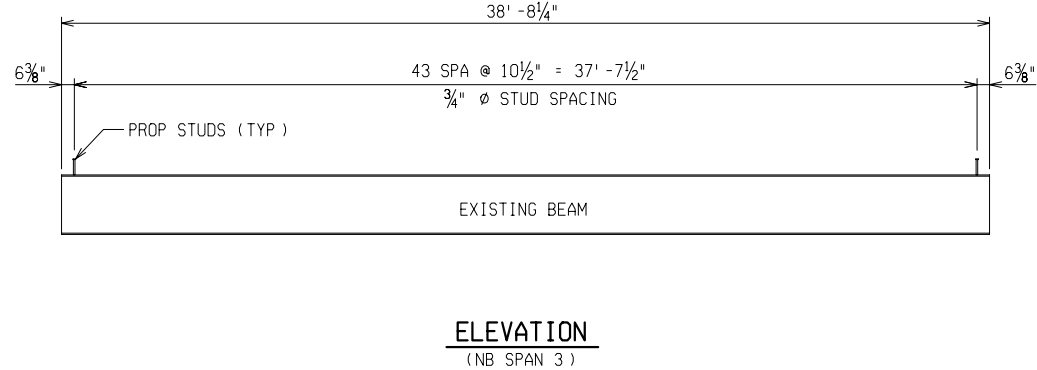
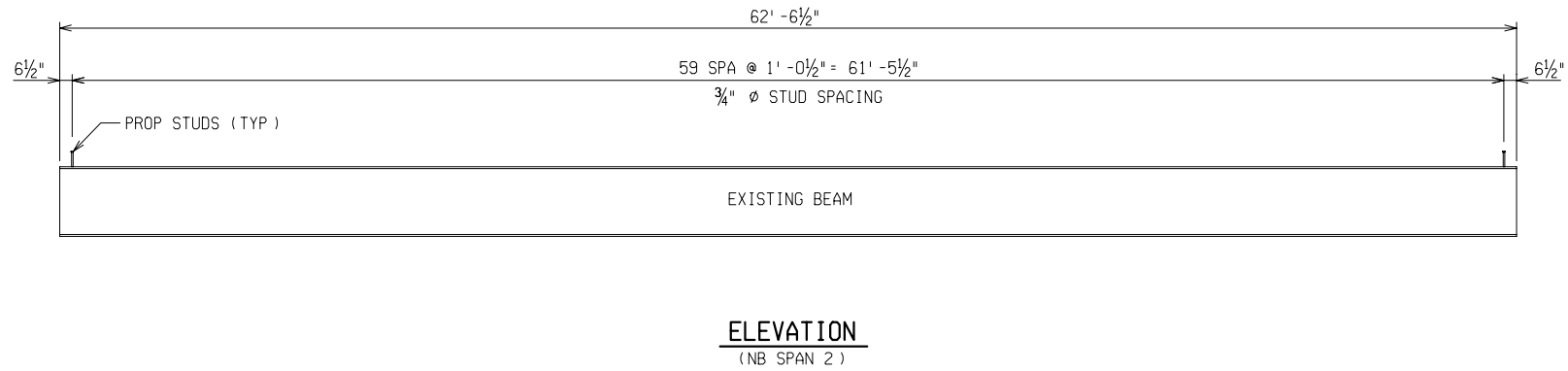
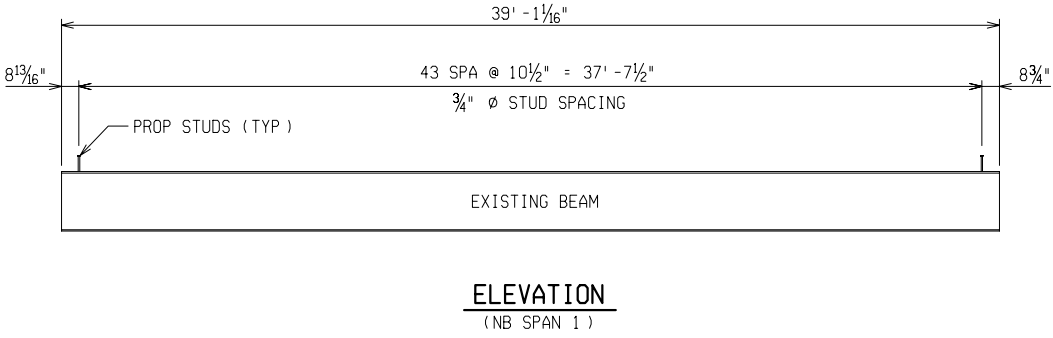
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STUD SHEAR DEVELOPER DETAILS



STRUCTURAL STEEL DETAILS

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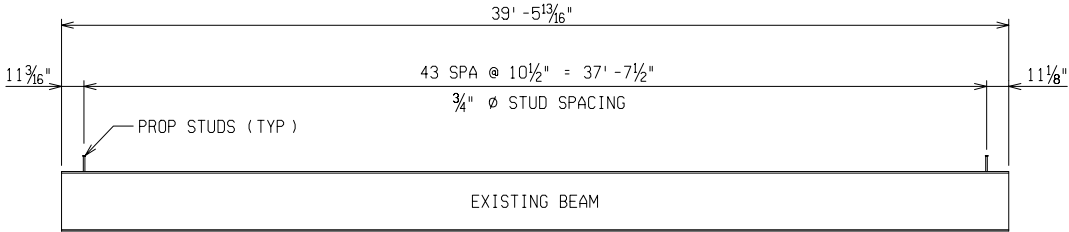
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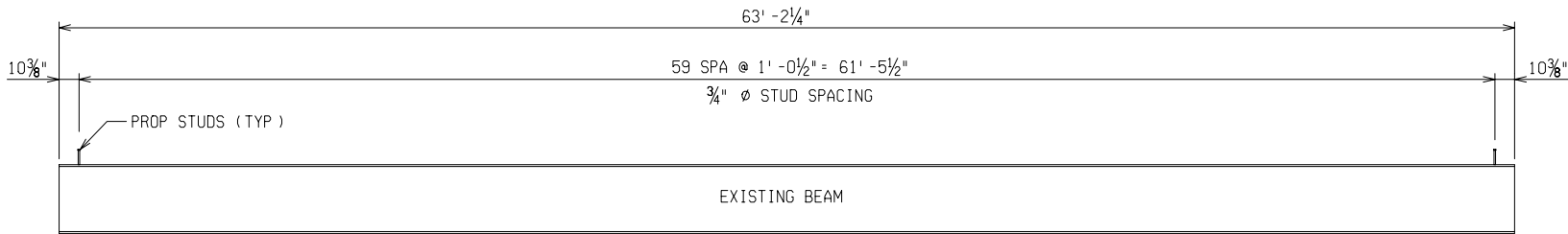
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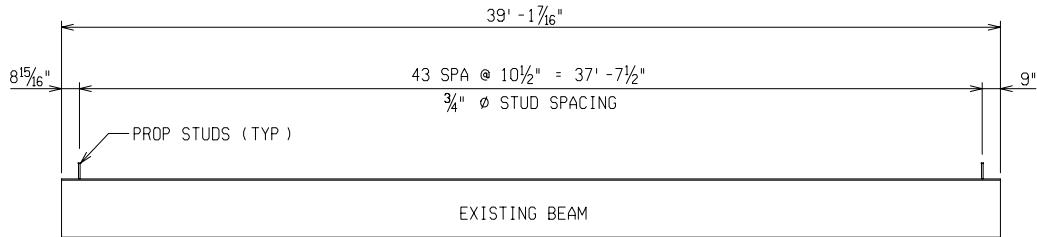
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ELEVATION
(SB SPAN 1)



ELEVATION
(SB SPAN 2)



ELEVATION
(SB SPAN 3)

MISCELLANEOUS QUANTITIES		
1 LS	Shear Developers	(S04-1 OF 29011)
1 LS	Shear Developers	(S04-2 OF 29011)
1 LS	Steel Structure, Cleaning, Type 4	(S04-1 OF 29011)
1 LS	Steel Structure, Coating, Type 4	(S04-1 OF 29011)
1 LS	Steel Structure, Cleaning, Type 4	(S04-2 OF 29011)
1 LS	Steel Structure, Coating, Type 4	(S04-2 OF 29011)
6160 Ft	Beam Plate, Seal Perimeter	

NOTES:

SHEAR DEVELOPERS SHALL BE 3/4" DIAMETER STUDS.

IF EXISTING SHEAR DEVELOPERS DO NOT INTERFERE WITH PROPOSED SHEAR DEVELOPERS AND REINFORCEMENT, THEY MAY BE CLEANED AND LEFT IN PLACE INSTEAD OF REMOVED. THE CONTRACTOR SHALL INSTALL ALL PROPOSED SHEAR DEVELOPERS REGARDLESS OF WHETHER OR NOT THE EXISTING SHEAR DEVELOPERS REMAIN.

ALL BEAMS SHALL RECEIVE NEW SHEAR DEVELOPERS.

THIS BRIDGE IS COATED WITH LEAD BASED PAINT.

SEE SUBSECTION 715 OF THE STANDARD SPECIFICATIONS FOR PROTECTION OF WORK AND ENVIRONMENT DURING THE BLAST CLEANING OF STRUCTURES.

THE CONTRACTOR SHALL NOTIFY EACH UTILITY COMPANY 48 HOURS IN ADVANCE OF WORK IMPACTING THAT COMPANY'S CONDUITS OR FACILITIES.

THE ENGINEER SHALL INSPECT THE STRUCTURAL STEEL PARTS THAT HAVE BEEN BLAST CLEANED FOR EVIDENCE OF CRACKS OR LOSS OF SECTION DUE TO CORROSION OF MORE THAN 25 PERCENT. SUCH DETERIORATION SHALL BE REPORTED IN WRITING TO THE REGION BRIDGE ENGINEER.

THE ESTIMATED AREA OF STRUCTURAL STEEL TO BE COATED IS 34,000 SQUARE FEET.

SEALANT SHALL BE APPLIED AROUND THE PERIMETER OF BEARING PLATE TO CONCRETE CONTACT SURFACES AFTER CUTTING AWAY ANY PROTRUDING PORTION OF LEAD PLATE.

SEALANT SHALL BE APPLIED AROUND THE PERIMETER OF BOLTED END DIAPHRAGM CONNECTION PLATES AND ANGLES.

SEALANT SHALL BE APPLIED AROUND THE PERIMETER OF ALL BEAM ENDS WHERE ENCASED IN THE BACKWALLS.



STRUCTURAL STEEL DETAILS

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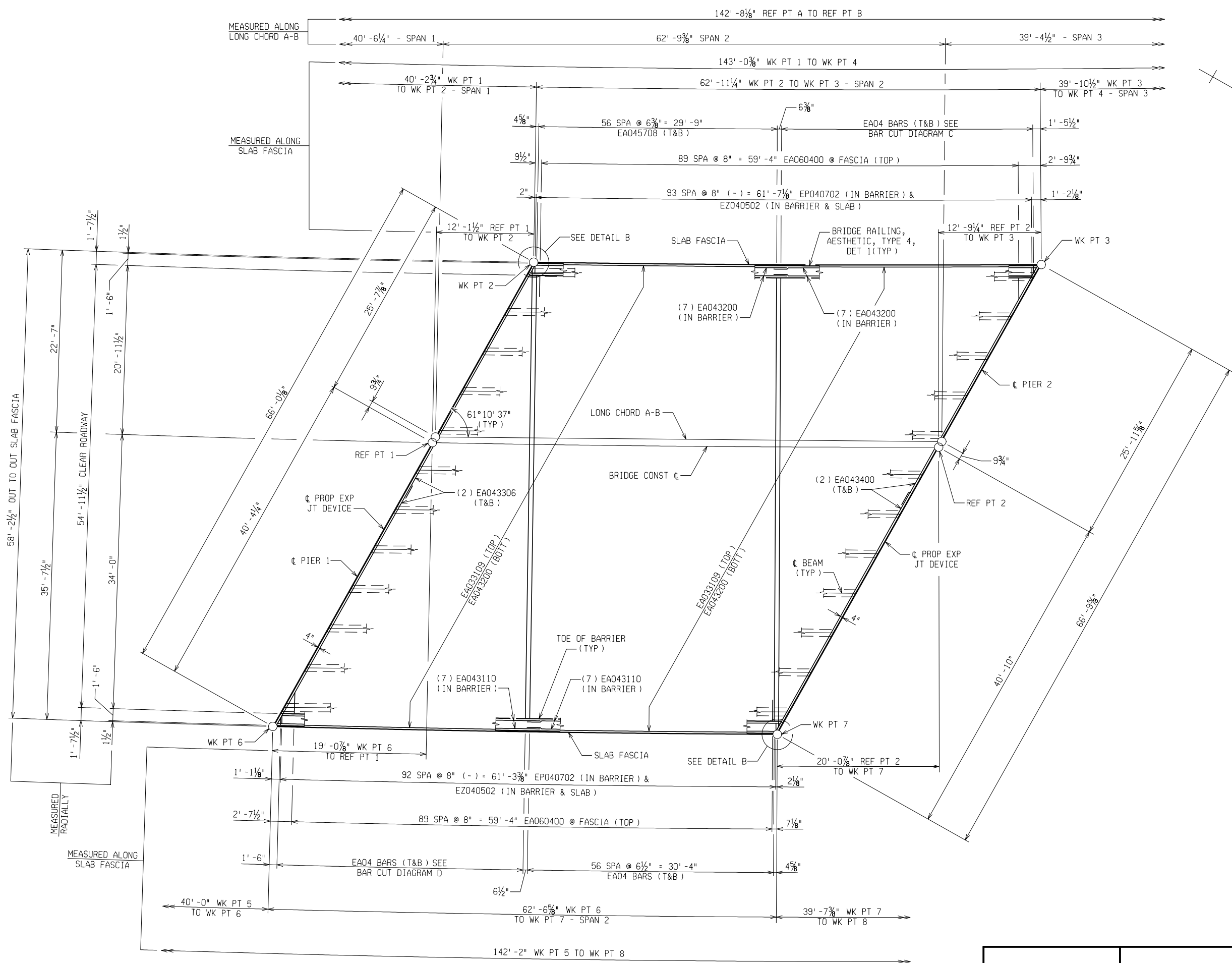
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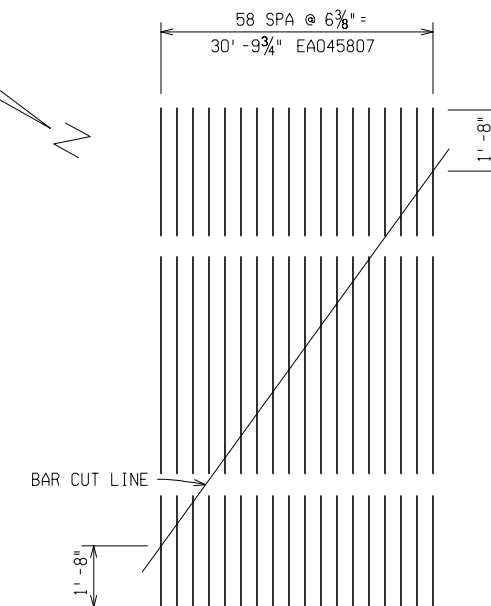
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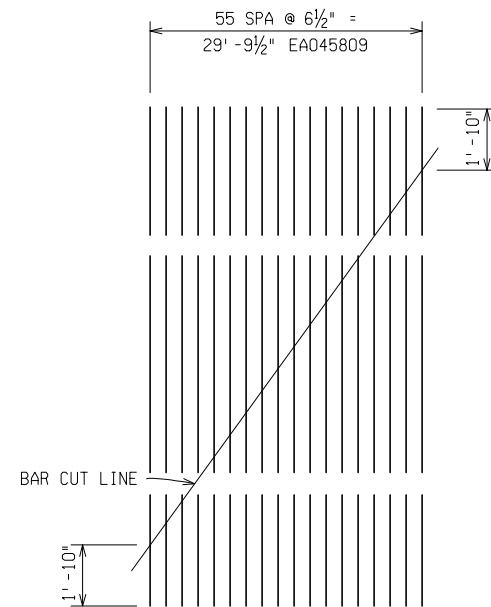
PLAN OF DECK
(SPAN 2 NORTH BOUND)



BAR CUT DIAGRAM C

REINFORCEMENT IS TO BE SHOP CUT AS SHOWN
THE EPOXY COATING SHALL BE REPAIRED IN ACCORDANCE
WITH THE STANDARD SPECIFICATIONS.

NOTE: ONE LAYOUT MAKES UP BOTH
TOP & BOTT REINF FOR DESIGNATED
AREA.



BAR CUT DIAGRAM D

REINFORCEMENT IS TO BE SHOP CUT AS SHOWN
THE EPOXY COATING SHALL BE REPAIRED IN ACCORDANCE
WITH THE STANDARD SPECIFICATIONS.

NOTE: ONE LAYOUT MAKES UP BOTH
TOP & BOTT REINF FOR DESIGNATED
AREA.

SUPERSTRUCTURE DETAILS				
DATE	CONT. SEC.	JOB NO.	DESIGN UNIT	SHEET
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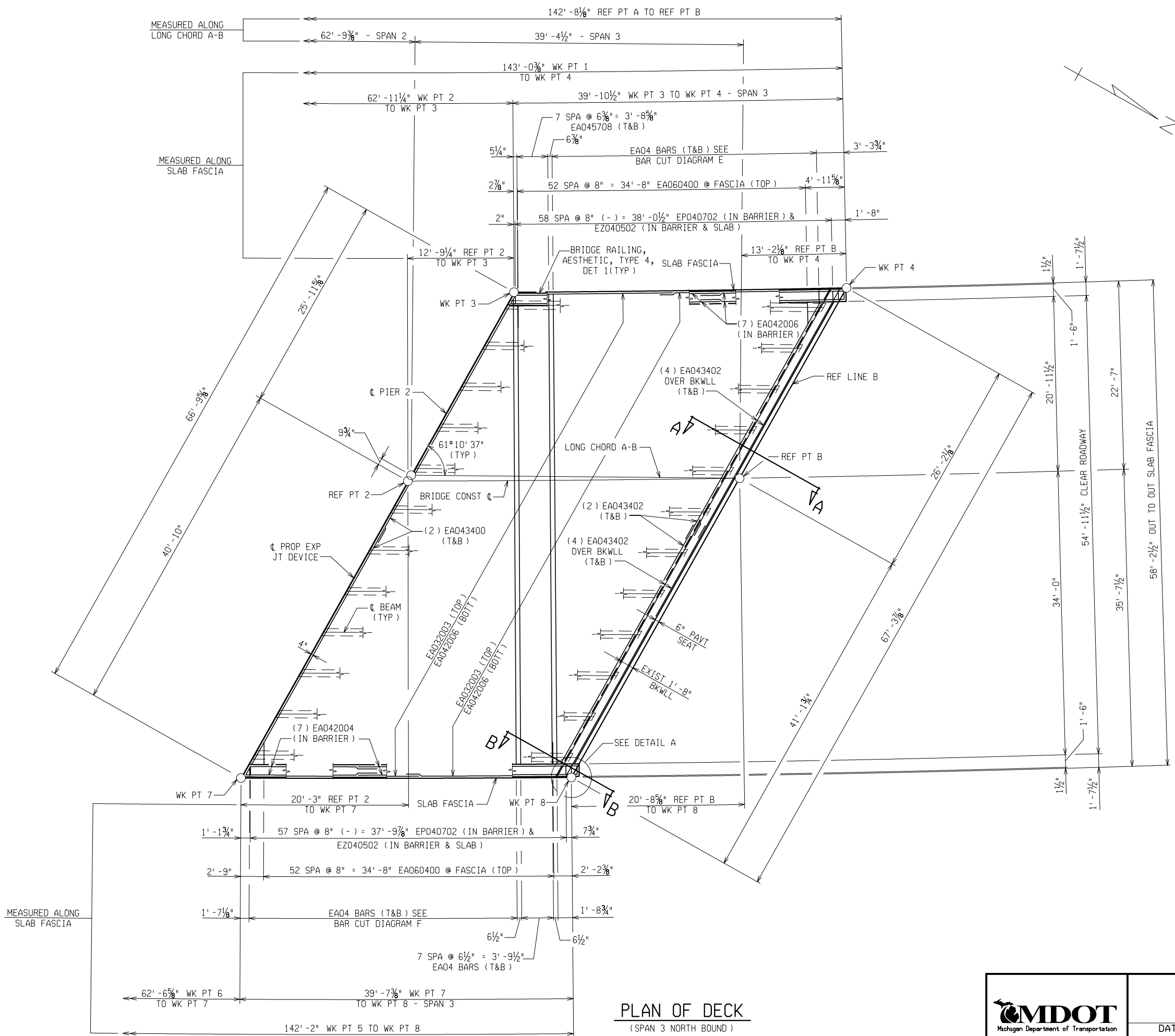


Michigan Department of Transportation

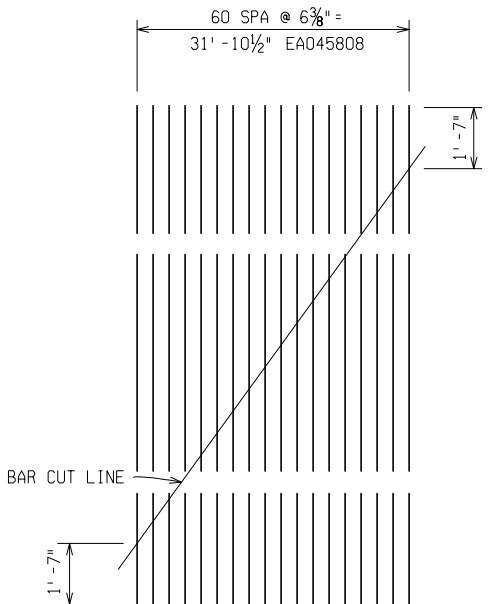
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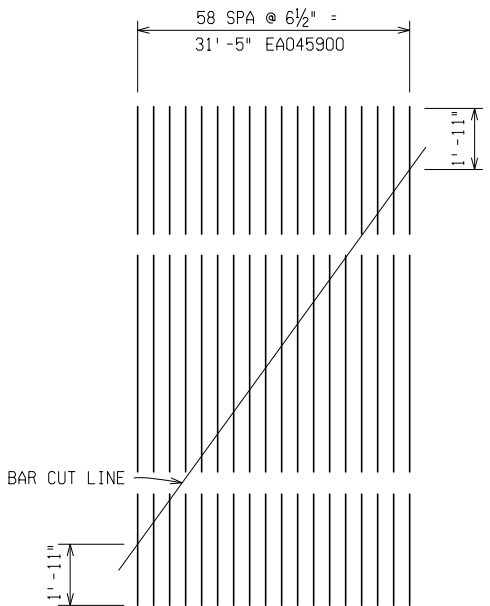
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NO.	DESCRIPTION	DATE	BY



BAR CUT DIAGRAM E

REINFORCEMENT IS TO BE SHOP CUT AS SHOWN THE EPOXY COATING SHALL BE REPAIRED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

NOTE: ONE LAYOUT MAKES UP BOTH TOP & BOTT REINF FOR DESIGNATED AREA.



BAR CUT DIAGRAM F

REINFORCEMENT IS TO BE SHOP CUT AS SHOWN THE EPOXY COATING SHALL BE REPAIRED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

NOTE: ONE LAYOUT MAKES UP BOTH TOP & BOTT REINF FOR DESIGNATED AREA.



SUPERSTRUCTURE DETAILS

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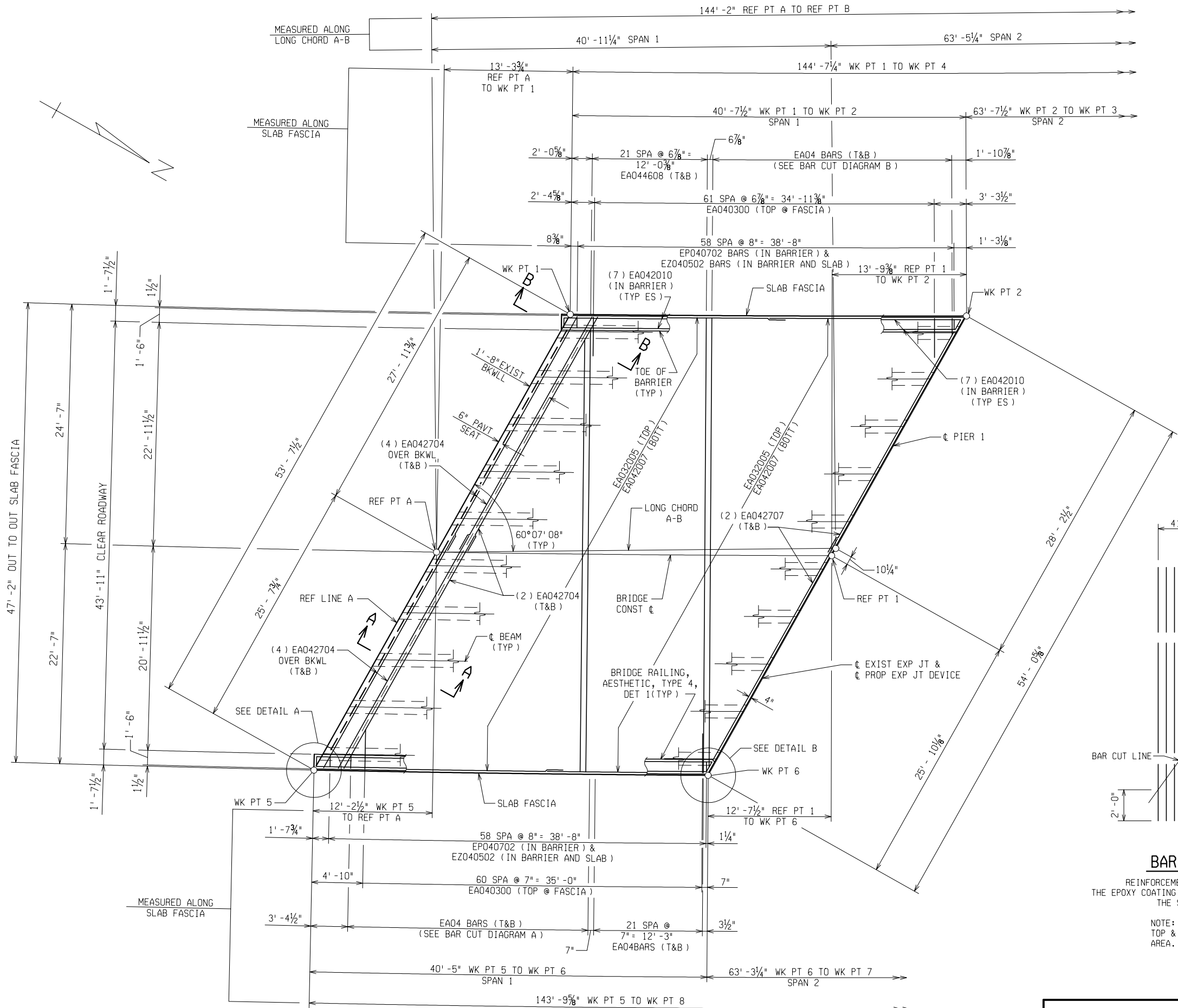
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PLAN OF DECK
(SPAN 1 - SOUTHBOUND)

SUPERSTRUCTURE REINFORCEMENT MIN LAP TABLE		
BAR SIZE	MIN LAP REQ'D	MAX BAR LENGTH
#3	1' - 2"	40' - 0"
#4	1' - 7"	60' - 0"
#5	2' - 0"	60' - 0"
#6	2' - 4"	60' - 0"

BAR CUT DIAGRAM A

REINFORCEMENT IS TO BE SHOP CUT AS SHOWN
THE EPOXY COATING SHALL BE REPAIRED IN ACCORDANCE WITH
THE STANDARD SPECIFICATIONS.

NOTE: ONE LAYOUT MAKES UP BOTH
TOP & BOTTL REINF ROR DESIGNATED
AREA.

BAR CUT DIAGRAM B

REINFORCEMENT IS TO BE SHOP CUT AS SHOWN
THE EPOXY COATING SHALL BE REPAIRED IN ACCORDANCE WITH
THE STANDARD SPECIFICATIONS.

NOTE: ONE LAYOUT MAKES UP BOTH
TOP & BOTTL REINF ROR DESIGNATED
AREA.



SUPERSTRUCTURE DETAILS

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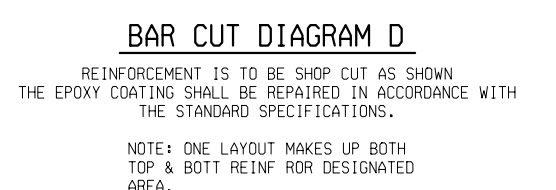
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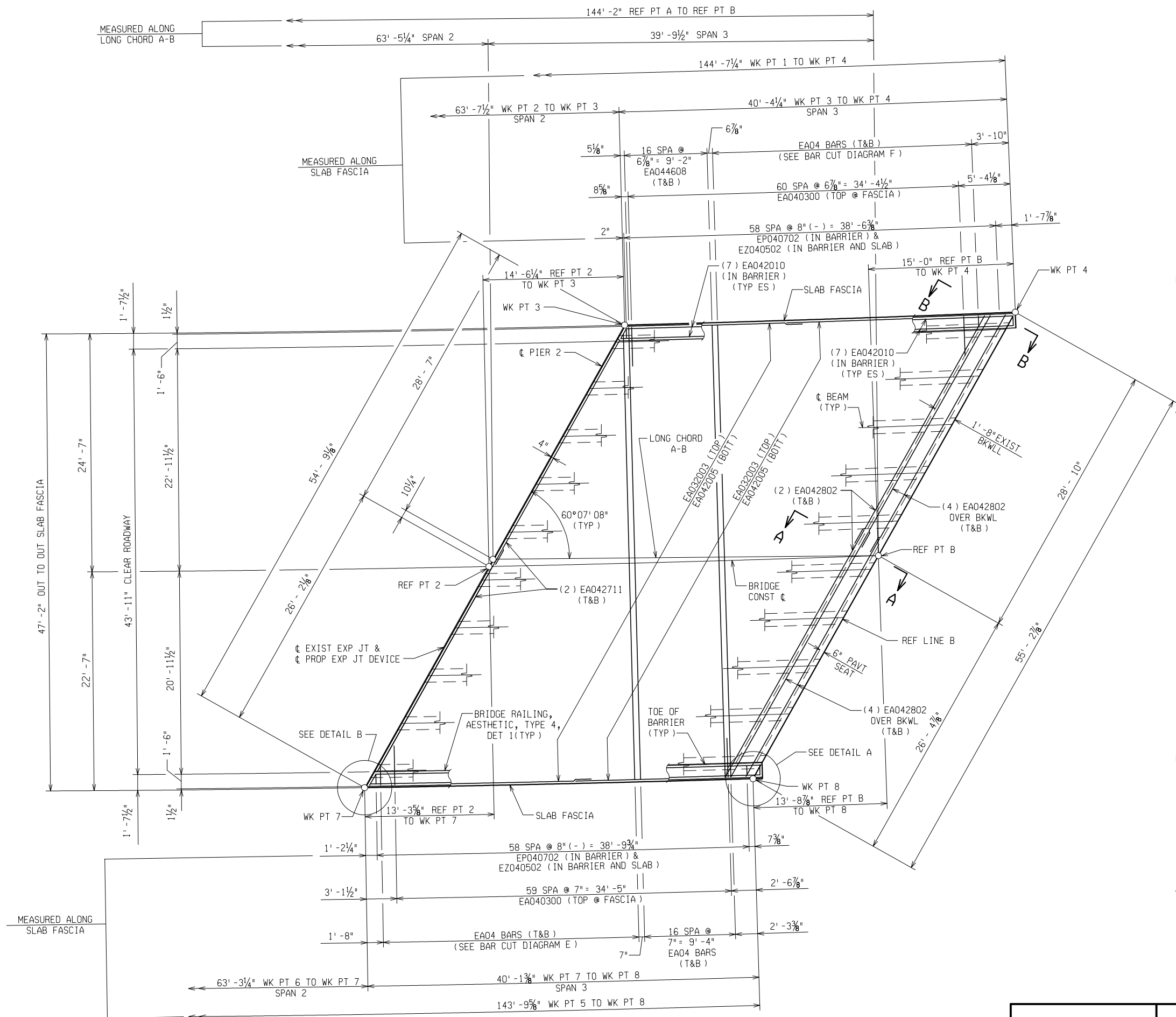
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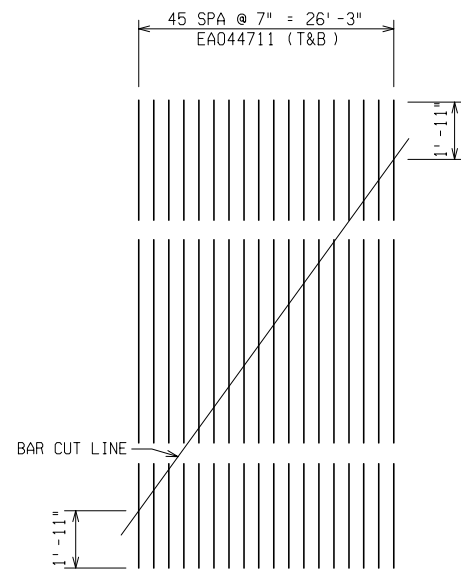
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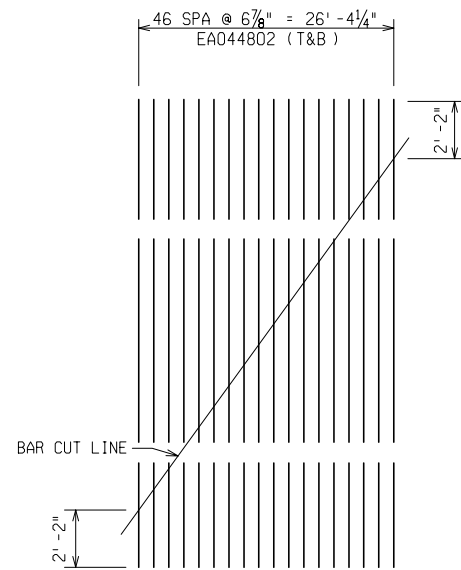
PLAN OF DECK
(SPAN 3 - SOUTHBOUND)



BAR CUT DIAGRAM E

REINFORCEMENT IS TO BE SHOP CUT AS SHOWN
THE EPOXY COATING SHALL BE REPAIRED IN ACCORDANCE WITH
THE STANDARD SPECIFICATIONS.

NOTE: ONE LAYOUT MAKES UP BOTH
TOP & BOT REINFOR FOR DESIGNATED
AREA.



BAR CUT DIAGRAM F

REINFORCEMENT IS TO BE SHOP CUT AS SHOWN
THE EPOXY COATING SHALL BE REPAIRED IN ACCORDANCE WITH
THE STANDARD SPECIFICATIONS.

NOTE: ONE LAYOUT MAKES UP BOTH
TOP & BOT REINFOR FOR DESIGNATED
AREA.



SUPERSTRUCTURE DETAILS

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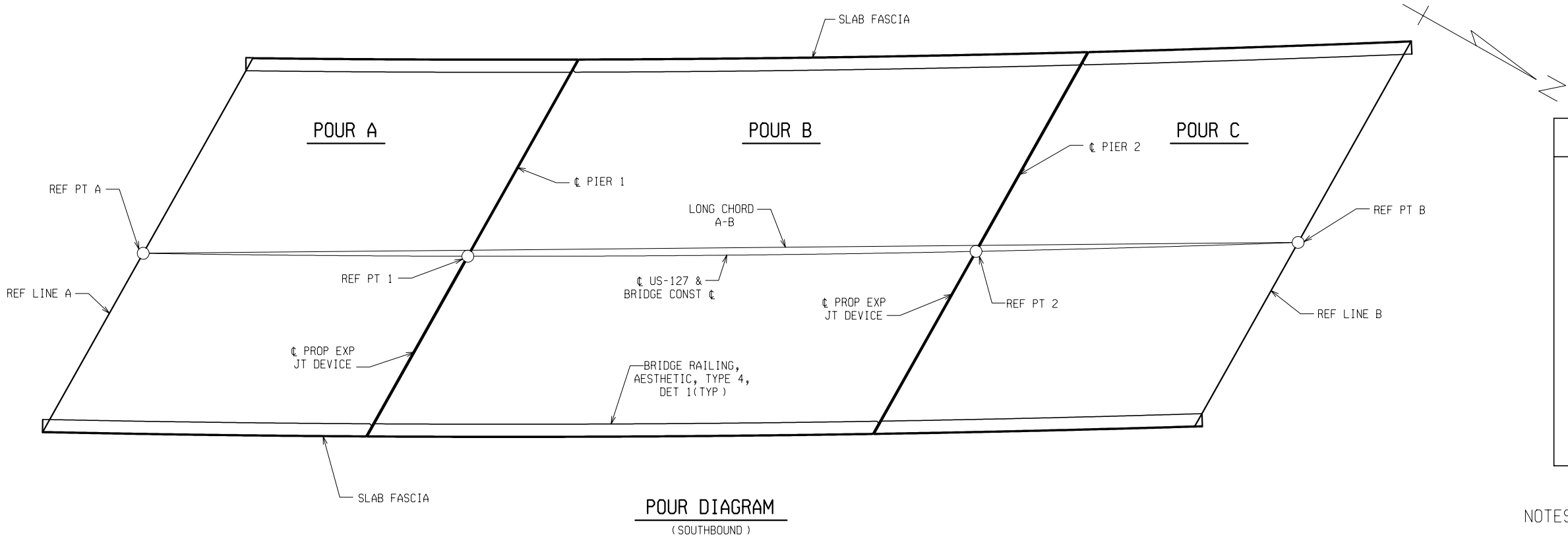
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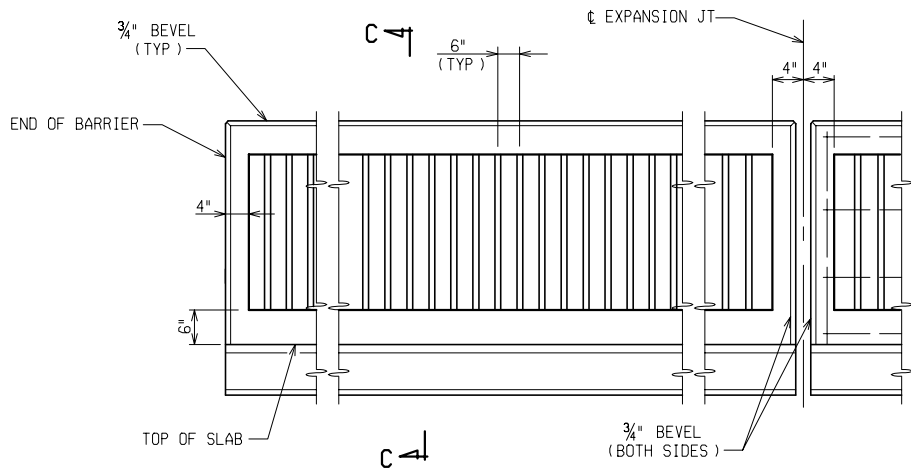
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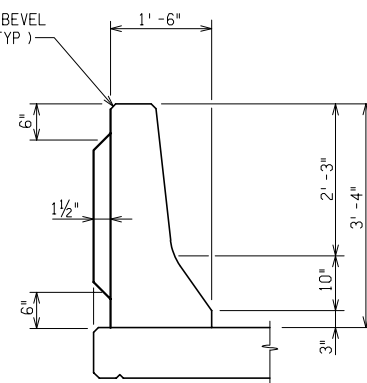
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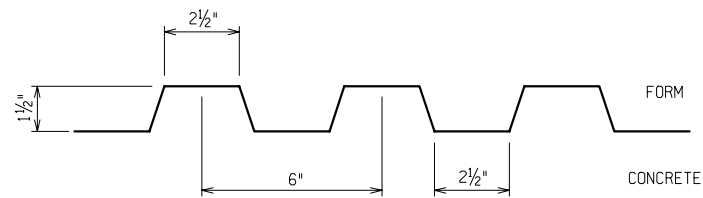
POUR DIAGRAM
(SOUTHBOUND)



ELEVATION



SECTION C-C



1 1/2" TRAPEZOID RIB

SIMILAR TO GREENSTREAK PATTERN #301

NOTE: THE FORM LINER DETAIL MUST CLOSELY CONFORM TO THE DETAIL SHOWN.
THE CONTRACTOR SHALL SUBMIT DETAILS AND CATALOG INFORMATION FOR APPROVAL BY THE ENGINEER.
EXPANSION JOINT MUST FALL IN RECESS OF RIB PATTERN.

BRIDGE RAILING, AESTHETIC, TYPE 4, DET 1 TEXTURE DETAIL

REVISIONS			
NO.	DESCRIPTION	DATE	BY

MISCELLANEOUS QUANTITIES

574 Ft	Bridge Railing, Aesthetic, Type 4 Det 1
363 Sft	Joint Waterproofing
469 Cyd	Bridge Ltg, Oper and Maintain
12 Ea	Adhesive Anchoring of Horizontal Bar, 3/4 inch
469 Cyd	Superstructure Conc, Night Casting
5 Cyd	Substructure Conc
325 Syd	Top Flanges and Beam Ends, Clean and Coat
1 LS	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04-1 OF 29011)
1 LS	Concrete Surface Coating (S04-1 OF 29011)
1 LS	Bridge Ltg, Furn and Rem (S04-1 OF 29011)
1 LS	Horizontal Surface Sealer (S04-1 OF 29011)
1 LS	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04-2 OF 29011)
1 LS	Concrete Surface Coating (S04-2 OF 29011)
1 LS	Bridge Ltg, Furn and Rem (S04-2 OF 29011)
1 LS	Substructure Horizontal Surface Sealer (S04-2 OF 29011)
469 Cyd	Conc Quality Assurance, Structure

NOTES:

JWP DENOTES JOINT WATERPROOFING.

T&B DENOTES TOP AND BOTTOM.

FOR BRIDGE RAILING, ANCHORAGE FOR GUARDRAIL AND NAME PLATE MOUNTING DETAILS, SEE STANDARD PLAN B-17-SERIES. BARRIER RAILING IS TO BE BRIDGE RAILING, AESTHETIC, TYPE 4, DET 1. FOR DETAILS OF NAME PLATES, MOLDINGS AND BEVELS, SEE STANDARD PLAN B-103-SERIES.

FOR NAME PLATE LOCATION, SEE GENERAL PLAN OF STRUCTURE SHEET.

"EDGE" OR "GROOVE" DENOTES EDGING OR GROOVING WITH AN APPROVED TOOL.

ALPHABETICAL DESIGNATION OF DECK POURS IS NOT TO BE CONSTRUED AS A POUR SEQUENCE.

NO PORTION OF THE DECK FORMWORK SHALL ENCROACH ON THE EXISTING UNDERCLEARANCE.

THIS DECK POUR IS DESIGNATED A NIGHT POUR, AND THEREFORE SUBJECT TO THE RESTRICTIONS OF SECTION 706.031 OF THE STANDARD SPECIFICATIONS.

BARRIERS SHALL NOT BE SLIP FORMED.

CONCRETE SURFACE COATING SHALL BE APPLIED TO THE ENTIRE BARRIER, FROM THE BACK OF THE BARRIER TO THE SLAB FASCIA, THE SLAB FASCIA ITSELF, AND THE ENTIRE EXPOSED SURFACE OF THE PIERS AND ABUTMENTS EXCEPT THE TOPS.

THE CONTRACTOR IS TO PROVIDE A SAWED JOINT 1/2" DEEP BY 1/8" WIDE (MINIMUM) IN THE TOP OF SLAB AT TRANSVERSE CONSTRUCTION JOINTS. THE JOINT IS TO BE SAWED WITHIN 4 HOURS OF REMOVING THE CURING AND IS TO BE FILLED WITH HOT-POURED JOINT SEALANT OR COLD-APPLIED JOINT SEALANT. (INCLUDED IN THE BID ITEM "Superstructure Conc, Form, Finish and Cure, Night Casting".)

THE ESTIMATED AREA OF CONCRETE SURFACE COATING TO BE APPLIED IS 1282 SYD.

ALL STEEL FOR EXPANSION JOINT SHALL BE AASHTO M270, GRADE 36.

ALL CONCRETE ANCHORS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS, EXCEPT AS MODIFIED IN THESE PLANS.

SYSTEMS FOR ANCHORING HORIZONTAL OR VERTICAL REINFORCEMENT IN EXISTING CONCRETE SHALL BE CHOSEN FROM THE QUALIFIED PRODUCTS LIST IN THE CURRENT MDOT MATERIALS SAMPLING GUIDE.

THE CONTRACTOR MAY USE METAL STAY IN PLACE FORMS. IF USED, ELIMINATING THE POLYSTYRENE AND FILLING THE CORRUGATIONS WITH CONCRETE IS PROHIBITED.

SUPERSTRUCTURE CONCRETE
NIGHT CASTING QUANTITIES

(FOR INFORMATION ONLY)

SOUTH BOUND		NORTH BOUND	
POUR	CYD	POUR	CYD
A	58.2	A	73.4
B	92.7	B	113.3
C	59.4	C	72.0
SUB TOTAL	210.3	SUB TOTAL	258.7
TOTAL CONC		469	CYD



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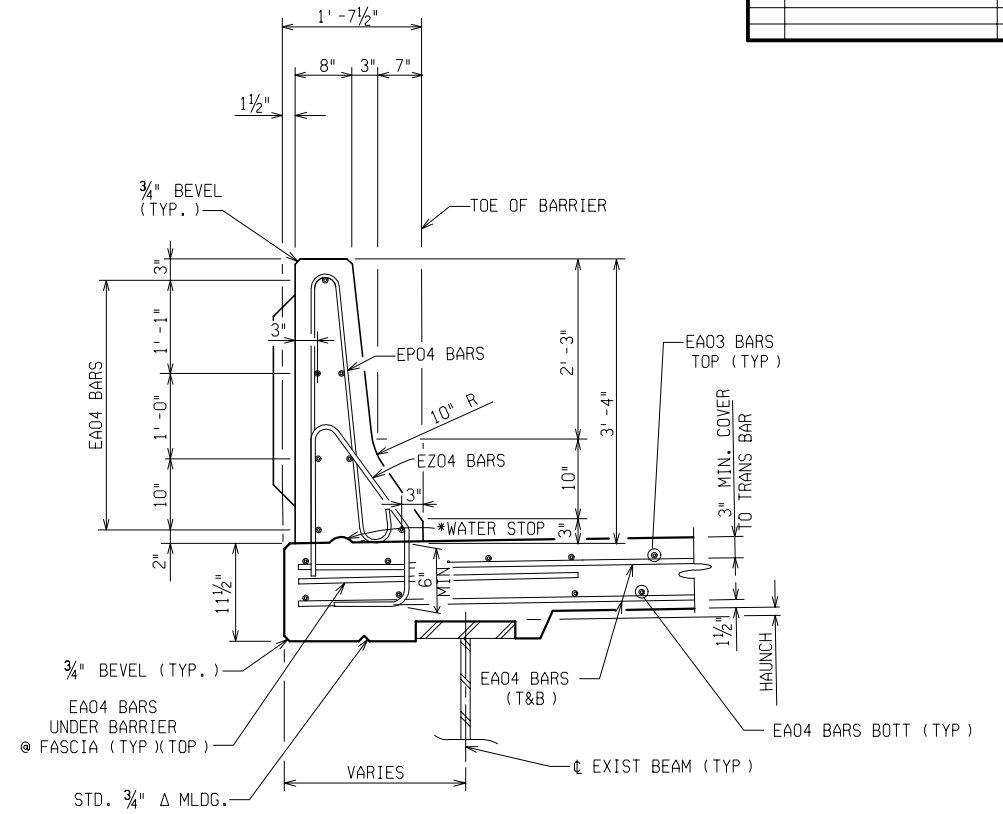
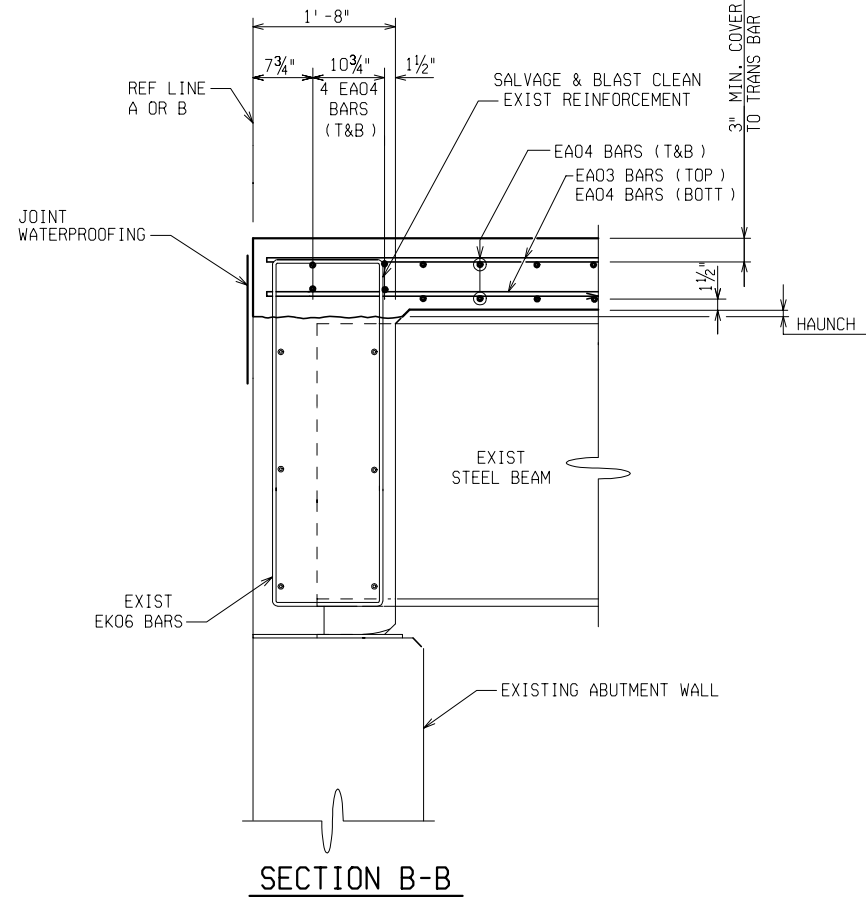
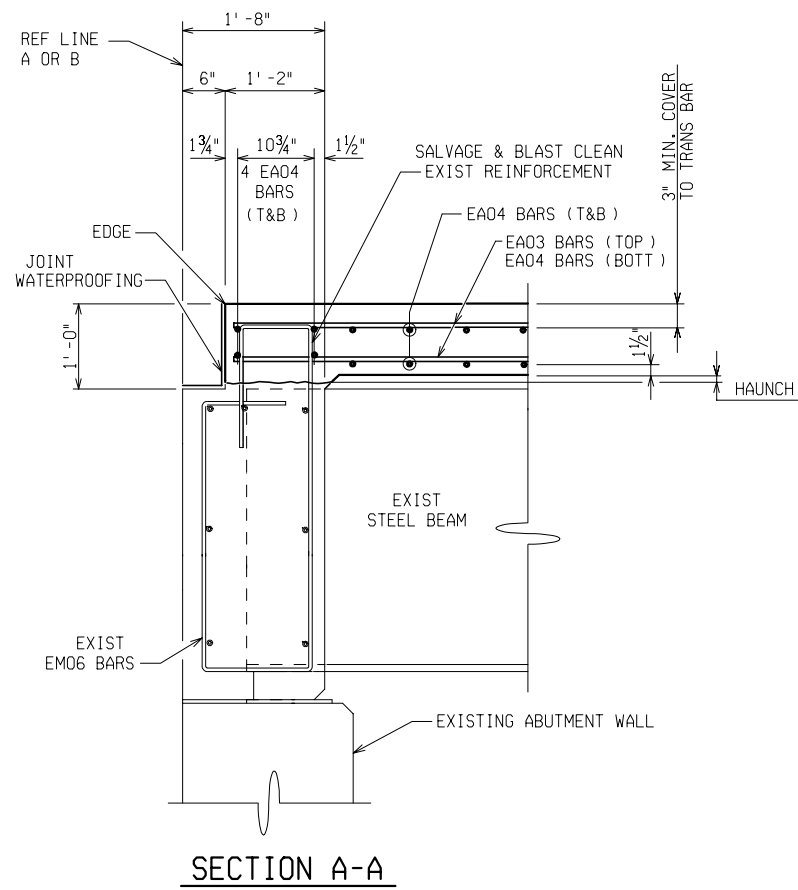
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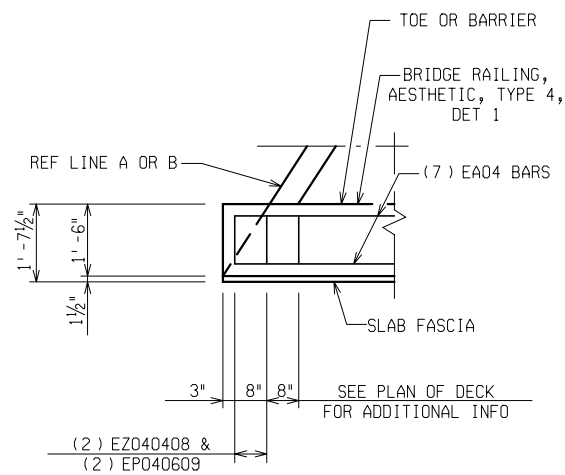
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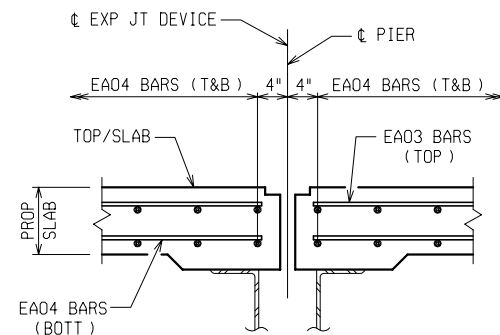


TYPICAL BARRIER SECTION

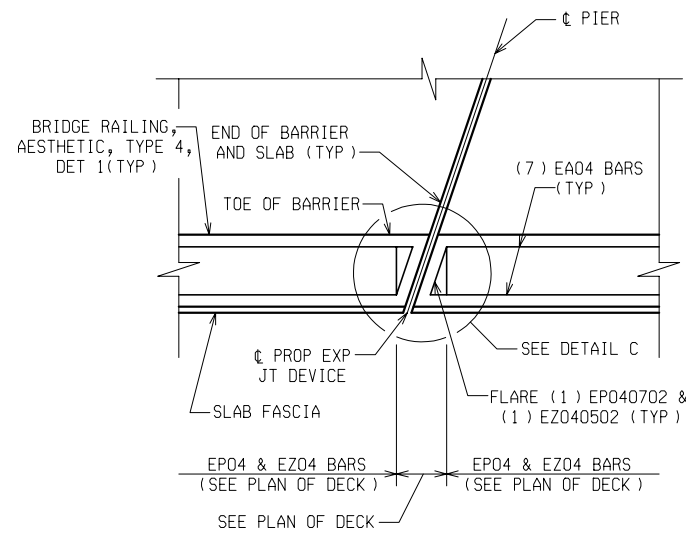
* WATER STOP SHALL BE 1 1/2" HIGH 1 1/2" LONG FORMING NOT REQUIRED.



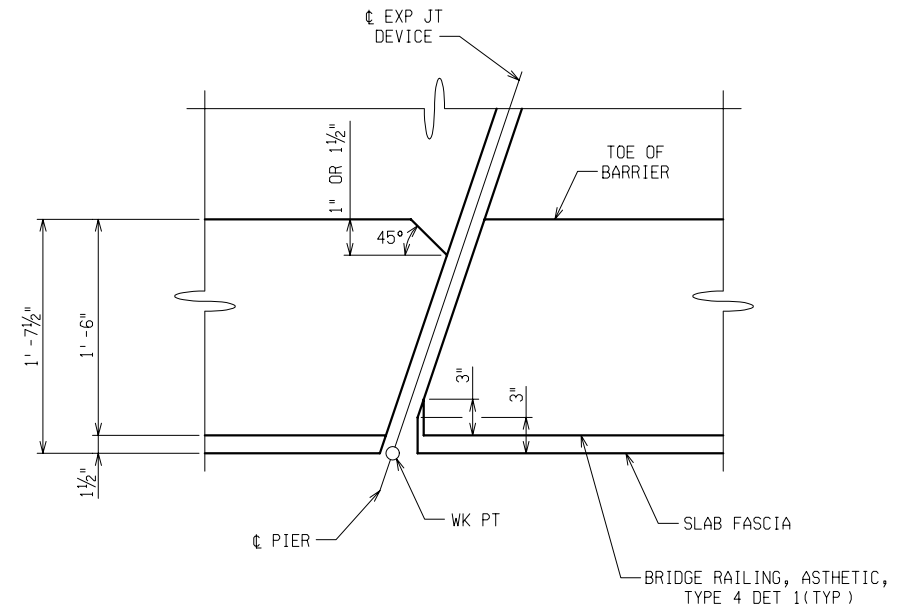
DETAIL A



OPEN JOINT OVER PIER



DETAIL B



DETAIL C



SUPERSTRUCTURE DETAILS

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REVISIONS			
NO.	DESCRIPTION	DATE	BY

NOTES:

JOINT TYPES

THE EXPANSION JOINT DEVICE SHALL BE OF A TYPE THAT INCLUDES A CONTINUOUS NEOPRENE (OR EQUIVALENT) SEAL ACROSS THE DECK. UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR HAS THE OPTION OF USING ANY OF THE DEVICES LISTED BELOW:

DEVICE	MANUFACTURER
WABO STRIP SEAL - TYPE M -----	WATSON-BOWMAN & ACME, INC.
WABO STRIP SEAL - TYPE A -----	WATSON-BOWMAN & ACME, INC.
STEELFLEX-SSA2 -----	D.S. BROWN
STEELFLEX-GSCM -----	D.S. BROWN
ONFLEX 40 SS -----	STRUCTURAL RUBBER PRODUCTS CO.

THE MODEL OF THE JOINT TYPE SELECTED SHALL BE SUITABLE TO ACCOMMODATE THE TOTAL MOVEMENT NOTED ON THE PLANS.

COMPLETE WORKING DRAWINGS OF ALL DETAILS OF FABRICATION OF THE EXPANSION JOINT DEVICE SHALL BE SUBMITTED FOR REVIEW IN ACCORDANCE WITH STANDARD SPECIFICATION 104.02. THIS REQUIREMENT IS WAIVED FOR EXPANSION JOINT DEVICES FOR WHICH A SET OF STANDARD INSTALLATION DETAILS HAS BEEN APPROVED. STANDARD INSTALLATION DETAILS CAN BE OBTAINED FROM THE DESIGN SUPPORT AREA.

FABRICATION AND INSTALLATION

THE EXPANSION JOINT SHALL BE SHOP FABRICATED TO CONFORM TO THE CONTOUR OF THE BRIDGE DECK, BARRIERS, ETC. IT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER' S RECOMMENDATIONS SUBJECT TO NOTES HEREIN AND THE APPROVAL OF THE ENGINEER.

THE TOP OF THE EXPANSION JOINT DEVICE SHALL BE SET 1/8" - 1/4" BELOW THE CONCRETE SLAB (PAVEMENT) WITH A TOLERANCE OF ± 1/8" .

THE STEEL ANCHORAGE FOR STRIP SEAL GLANDS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH SUBSECTION 707.03C.16 OF THE STANDARD SPECIFICATIONS.

THE AREA OF THE STEEL ANCHORAGE AND SEALING GLAND WHICH WILL BE IN CONTACT WITH A SEALANT, OR LUBRICANT-ADHESIVE SHALL BE CLEANED WITH TOLUENE OR OTHER APPROVED SOLVENT.

WHERE THE SEALING GLAND IS LOCKED INTO A STEEL ANCHORAGE, A LUBRICANT-ADHESIVE CONFORMING TO STANDARD SPECIFICATION 914.04D SHALL BE REQUIRED BETWEEN THE SEAL AND STEEL ANCHORAGE.

IN THE EVENT THAT SPLICING IS REQUIRED OF THE SEALING GLAND, IT SHALL BE SPLICED BY AN APPROVED METHOD (SUCH AS COLD VULCANIZATION) BY A TRAINED REPRESENTATIVE OF THE MANUFACTURER.

DETAILS AT CURBS OR BARRIERS

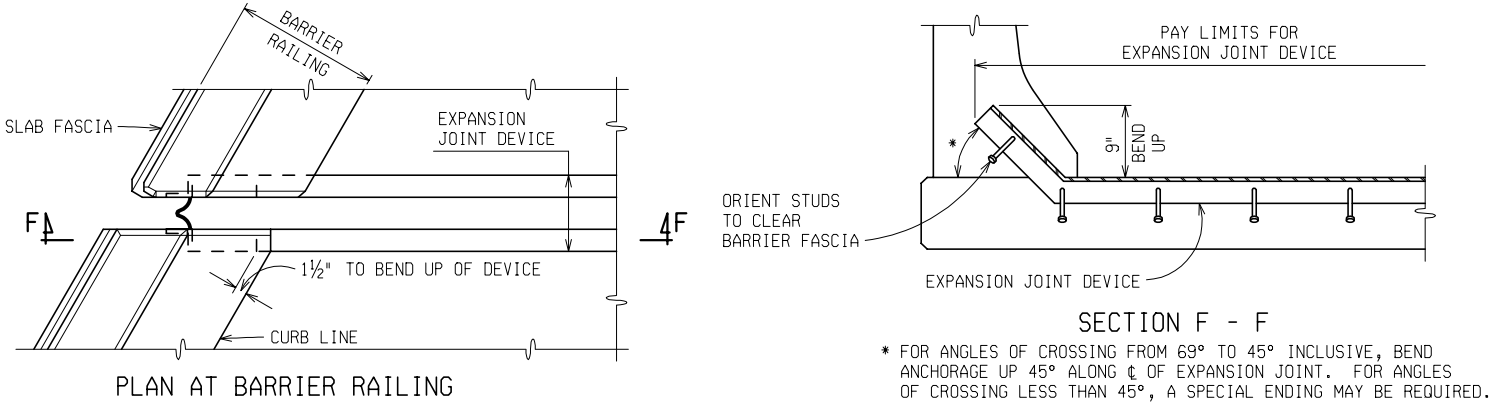
THE DETAILS ON THIS SHEET SHOW AN APPROVED MEANS OF TERMINATING THE EXPANSION JOINT DEVICE AT CURBS OR BARRIERS. VARIATIONS OR ALTERNATIVE SCHEMES WILL BE CONSIDERED AND MAY BE USED IF APPROVED BY THE ENGINEER.

MATERIALS

THE COST OF ALL MATERIALS AND LABOR REQUIRED FOR PROPER INSTALLATION OF THE EXPANSION JOINT AND THE TERMINAL ASSEMBLIES AT THE CURBS, SIDEWALKS, OR BARRIERS IS INCLUDED IN THE PAYMENT FOR THE EXPANSION JOINT DEVICE.

STRUCTURE NUMBER	ANGLE OF CROSSING TO NEAREST 10°	LOCATION OF JOINT	MIN. TOT. TRAVEL ALONG CENTERLINE OF BRIDGE	REQUIRED LENGTH OF EXPANSION JOINT DEVICE
S04-01	60°	PIER 1 NB		66' -0"
S04-01	60°	PIER 2 NB		66' -9"
S04-02	60°	PIER 1 SB		54' -0"
S04-02	60°	PIER 2 SB		54' -9"

QUANTITY		
ITEM	UNIT	AMOUNT
Expansion Joint Device	Ft	241



EXPANSION JOINT DETAILS
EJ3X (04/28/2004)

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FILE NAME :

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REVISIONS			
NO.	DESCRIPTION	DATE	BY

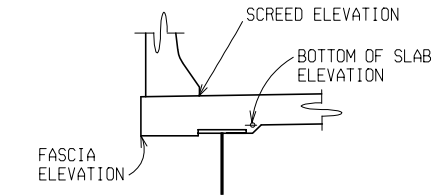
BOTTOM OF SLAB ELEVATIONS

REF.A		SPAN 1					REF.1	SPAN 2					REF.2	SPAN 3					REF.B
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A	FASCIA	765.55	765.53	765.52	765.49	765.46	765.46	765.47	765.47	765.46	765.43	765.38	765.33	765.32	765.31	765.29	765.27	765.24	
	RIGHT	765.85	765.82	765.80	765.77	765.74	765.73	765.74	765.74	765.73	765.70	765.66	765.61	765.61	765.60	765.59	765.58	765.57	
B	LEFT	766.04	766.01	765.99	765.96	765.92	765.92	765.93	765.93	765.91	765.88	765.84	765.79	765.79	765.79	765.78	765.77	765.75	
	RIGHT	766.12	766.09	766.07	766.04	766.00	766.00	766.01	766.01	765.99	765.96	765.92	765.87	765.87	765.87	765.86	765.84	765.83	
C	LEFT	766.31	766.28	766.26	766.22	766.19	766.19	766.19	766.19	766.18	766.15	766.11	766.06	766.06	766.05	766.04	766.03	766.01	
	RIGHT	766.39	766.36	766.34	766.30	766.27	766.27	766.27	766.27	766.26	766.23	766.19	766.14	766.14	766.13	766.12	766.11	766.09	
D	LEFT	766.58	766.55	766.52	766.49	766.46	766.46	766.46	766.46	766.45	766.42	766.37	766.32	766.32	766.31	766.31	766.29	766.28	
	RIGHT	766.66	766.63	766.60	766.57	766.54	766.54	766.54	766.54	766.52	766.50	766.45	766.40	766.40	766.39	766.38	766.37	766.36	
E	LEFT	766.85	766.82	766.79	766.76	766.73	766.72	766.73	766.73	766.71	766.68	766.64	766.59	766.59	766.58	766.57	766.56	766.54	
	RIGHT	766.93	766.90	766.87	766.84	766.81	766.80	766.81	766.81	766.79	766.76	766.72	766.67	766.67	766.66	766.65	766.64	766.62	
F	LEFT	767.12	767.09	767.06	767.03	766.99	766.99	767.00	766.99	766.98	766.95	766.90	766.85	766.85	766.84	766.83	766.82	766.80	
	RIGHT	767.20	767.17	767.14	767.11	767.07	767.07	767.08	767.07	767.06	767.03	766.98	766.93	766.93	766.92	766.91	766.90	766.88	
G	LEFT	767.39	767.36	767.33	767.30	767.26	767.26	767.26	767.26	767.25	767.21	767.17	767.12	767.12	767.11	767.10	767.08	767.07	
	RIGHT	767.47	767.44	767.41	767.38	767.34	767.34	767.34	767.34	767.32	767.29	767.25	767.20	767.20	767.19	767.18	767.16	767.15	
H	LEFT	767.66	767.63	767.60	767.57	767.53	767.53	767.53	767.53	767.51	767.48	767.44	767.38	767.38	767.37	767.36	767.35	767.33	
	RIGHT	767.74	767.71	767.68	767.65	767.61	767.61	767.61	767.61	767.59	767.56	767.52	767.46	767.46	767.45	767.44	767.43	767.41	
I	LEFT	767.70	767.69	767.67	767.65	767.62	767.62	767.63	767.63	767.62	767.59	767.54	767.49	767.48	767.47	767.45	767.43	767.40	
	RIGHT	767.73	767.71	767.69	767.67	767.64	767.64	767.65	767.66	767.64	767.61	767.57	767.51	767.51	767.49	767.48	767.45	767.43	
J	LEFT	767.78	767.77	767.75	767.73	767.70	767.70	767.71	767.71	767.70	767.67	767.62	767.57	767.56	767.55	767.53	767.51	767.48	
	RIGHT	767.81	767.79	767.77	767.75	767.72	767.72	767.73	767.74	767.72	767.69	767.65	767.59	767.59	767.57	767.56	767.53	767.51	
K	LEFT	767.86	767.85	767.83	767.81	767.78	767.78	767.79	767.79	767.78	767.75	767.70	767.65	767.64	767.63	767.61	767.59	767.56	
	RIGHT	767.88	767.87	767.85	767.83	767.80	767.80	767.81	767.82	767.80	767.77	767.73	767.67	767.67	767.65	767.64	767.61	767.59	
L	LEFT	767.94	767.93	767.91	767.89	767.86	767.86	767.87	767.87	767.86	767.83	767.78	767.73	767.72	767.71	767.69	767.67	767.64	
	FASCIA	767.73	767.72	767.70	767.68	767.65	767.65	767.66	767.66	767.65	767.62	767.57	767.52	767.51	767.50	767.48	767.46	767.43	

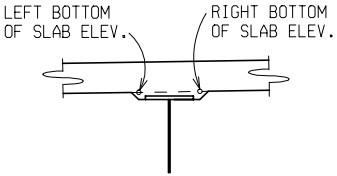
SCREED ELEVATIONS

MAIN LINE	LEFT BARRIER	766.54	766.52	766.50	766.48	766.45	766.45	766.46	766.45	766.44	766.41	766.37	766.32	766.31	766.30	766.28	766.26	766.23
	POR	768.27	768.25	768.24	768.21	768.19	768.18	768.19	768.19	768.17	768.14	768.10	768.05	768.05	768.03	768.02	767.99	767.97

EXIT LANE	RIGHT BARRIER	768.63	768.62	768.60	768.58	768.55	768.55	768.56	768.56	768.54	768.51	768.47	768.42	768.41	768.40	768.38	768.36	768.33
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TYPICAL FASCIA SECTION



TYPICAL INTERIOR SECTION

(LOOKING UP STATION)

BULKHEAD ELEVATIONS

	ABUT.A					ABUT.B				
A	766.47	766.36	766.36	766.24	766.24	766.21				
B	766.74	766.63	766.63	766.50	766.50	766.47				
C	767.00	766.90	766.90	766.76	766.76	766.73				
D	767.27	767.16	767.16	767.03	767.03	766.99				
E	767.54	767.43	767.43	767.29	767.29	767.26				
F	767.81	767.70	767.70	767.56	767.56	767.52				
G	768.08	767.97	767.97	767.82	767.82	767.78				
H	768.35	768.24	768.24	768.09	768.09	768.05				
I	768.38	768.30	768.30	768.16	768.16	768.08				
J	768.46	768.38	768.38	768.24	768.24	768.16				
K	768.54	768.46	768.46	768.32	768.32	768.24				
L	768.62	768.54	768.54	768.40	768.40	768.32				

NOTES:

BOTTOM OF SLAB ELEVATIONS ARE AT RIGHT ANGLES TO THE BEAM CENTERLINE AND ARE BASED ON THE CONDITION THAT THE BEAMS AND DIAPHRAGMS ARE COMPLETELY ERECTED WITH NO OTHER LOADS APPLIED. THESE ELEVATIONS INCLUDE ALLOWANCE FOR VERTICAL CURVE AND DEFLECTION DUE TO FORMS, STEEL REINFORCEMENT, CONCRETE SLAB, BARRIER AND UTILITIES.

SCREED RAILS FOR FINISHING OF STRUCTURAL CONCRETE SHALL BE LOCATED OVER FASCIA BEAMS.

SCREED ELEVATIONS ARE BASED ON THE CONDITION THAT NO SLAB CONCRETE HAS BEEN CAST AND THAT FORMWORK SHEAR DEVELOPERS AND STEEL REINFORCEMENT ARE IN PLACE.

SECTIONS FOR BOTTOM OF SLAB AND/OR SCREED ELEVATIONS ARE GIVEN ALONG BEAM CENTERLINES FROM CENTERLINE OF BEARING TO CENTERLINE OF BEARING AT EQUAL SPACINGS.



SLAB AND SCREED DETAILS
NORTHBOUND

DATE	CONT. SEC.	JOB NO.	DESIGN UNIT	SHEET
	S04 OF 29011	56772A		26 OF 28

FILE NAME: s0429011.ss

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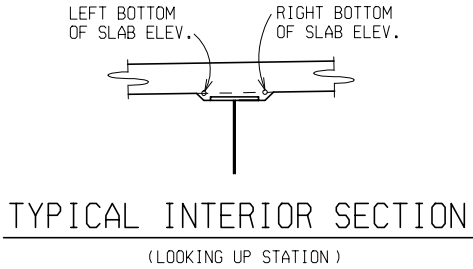
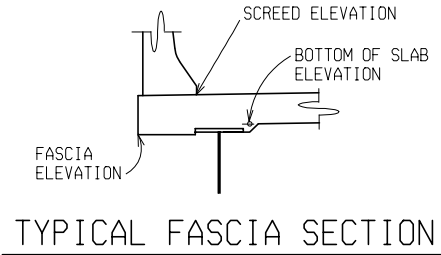
REVISIONS			
NO.	DESCRIPTION	DATE	BY

BOTTOM OF SLAB ELEVATIONS

		REF .A					REF .1					REF .2					REF .B				
		SPAN 1					SPAN 2					SPAN 3									
		0	1	2	3	4	0	1	2	3	4	5	6	0	1	2	3	4			
A	FASCIA	763.62	763.60	763.59	763.56	763.53	763.53	763.55	763.55	763.54	763.50	763.45	763.39	763.39	763.37	763.35	763.33	763.30			
	RIGHT	764.31	764.30	764.28	764.26	764.23	764.23	764.25	764.25	764.24	764.21	764.16	764.11	764.10	764.09	764.07	764.05	764.03			
B	LEFT	764.50	764.49	764.47	764.45	764.42	764.42	764.44	764.44	764.43	764.40	764.35	764.29	764.29	764.28	764.26	764.24	764.21			
	RIGHT	764.58	764.57	764.55	764.53	764.50	764.50	764.52	764.52	764.51	764.48	764.43	764.37	764.37	764.36	764.34	764.32	764.29			
C	LEFT	764.78	764.76	764.74	764.72	764.69	764.69	764.71	764.71	764.70	764.67	764.62	764.56	764.56	764.54	764.52	764.50	764.48			
	RIGHT	764.85	764.84	764.82	764.80	764.77	764.77	764.78	764.79	764.78	764.74	764.70	764.64	764.64	764.62	764.60	764.58	764.56			
D	LEFT	765.05	765.03	765.01	764.99	764.96	764.96	764.97	764.98	764.96	764.93	764.88	764.83	764.82	764.81	764.79	764.77	764.74			
	RIGHT	765.13	765.11	765.09	765.07	765.04	765.04	765.05	765.06	765.04	765.01	764.96	764.91	764.90	764.89	764.87	764.85	764.82			
E	LEFT	765.32	765.30	765.28	765.26	765.23	765.23	765.24	765.25	765.23	765.20	765.15	765.09	765.09	765.08	765.06	765.03	765.01			
	RIGHT	765.40	765.38	765.36	765.34	765.31	765.31	765.32	765.33	765.31	765.28	765.23	765.17	765.17	765.15	765.14	765.11	765.09			
F	LEFT	765.59	765.57	765.56	765.53	765.50	765.50	765.51	765.52	765.50	765.47	765.42	765.36	765.36	765.34	765.32	765.30	765.27			
	RIGHT	765.67	765.65	765.63	765.61	765.58	765.58	765.59	765.60	765.58	765.55	765.50	765.44	765.44	765.42	765.40	765.38	765.35			
G	LEFT	765.86	765.85	765.83	765.80	765.77	765.77	765.78	765.78	765.77	765.74	765.69	765.63	765.62	765.61	765.59	765.56	765.54			
	RIGHT	765.94	765.93	765.91	765.88	765.85	765.85	765.86	765.86	765.85	765.82	765.77	765.71	765.70	765.69	765.67	765.64	765.61			
H	LEFT	766.13	766.12	766.10	766.07	766.04	766.04	766.05	766.05	766.04	766.00	765.95	765.89	765.89	765.87	765.85	765.83	765.80			
	RIGHT	766.21	766.20	766.18	766.15	766.12	766.12	766.13	766.13	766.12	766.08	766.03	765.97	765.97	765.95	765.93	765.91	765.88			
J	LEFT	766.41	766.39	766.37	766.34	766.31	766.31	766.32	766.32	766.31	766.27	766.22	766.16	766.16	766.14	766.12	766.09	766.07			
	RIGHT	766.49	766.47	766.45	766.42	766.39	766.39	766.40	766.40	766.39	766.35	766.30	766.24	766.24	766.22	766.20	766.17	766.15			
K	LEFT	766.68	766.66	766.64	766.61	766.58	766.58	766.59	766.59	766.58	766.54	766.49	766.43	766.43	766.41	766.39	766.36	766.33			
	FASCIA	766.03	766.02	766.00	765.98	765.95	765.94	765.96	765.97	765.95	765.92	765.87	765.80	765.80	765.79	765.77	765.75	765.72			

SCREED ELEVATIONS

LEFT BARRIER	765.06	765.04	765.02	765.00	764.97	764.97	764.98	764.98	764.96	764.93	764.88	764.82	764.82	764.81	764.79	764.76	764.74
CENTER	766.30	766.29	766.27	766.24	766.21	766.21	766.22	766.23	766.21	766.18	766.13	766.07	766.07	766.06	766.04	766.01	765.98
RIGHT BARRIER	767.44	767.42	767.40	767.38	767.35	767.35	767.36	767.36	767.35	767.32	767.27	767.21	767.21	767.19	767.18	767.15	767.12



BULKHEAD ELEVATIONS

	ABUT .A					ABUT .B				
A	765.01	764.94	764.94	764.82	764.82	764.75				
B	765.28	765.21	765.21	765.08	765.08	765.01				
C	765.56	765.48	765.48	765.35	765.35	765.28				
D	765.83	765.75	765.75	765.61	765.61	765.54				
E	766.10	766.02	766.02	765.88	765.88	765.81				
F	766.37	766.29	766.29	766.15	766.15	766.07				
G	766.64	766.56	766.56	766.42	766.42	766.34				
H	766.91	766.83	766.83	766.68	766.68	766.60				
J	767.19	767.10	767.10	766.95	766.95	766.87				
K	767.46	767.37	767.37	767.22	767.22	767.13				

NOTES:

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SLAB AND SCREED DETAILS
SOUTHBOUND

DATE	CONT. SEC.	JOB NO.	DESIGN UNIT	SHEET
	S04 OF 29011	56772A		27 OF 28

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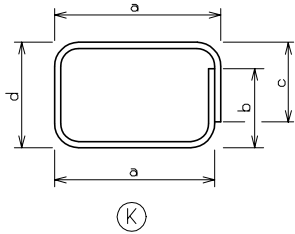
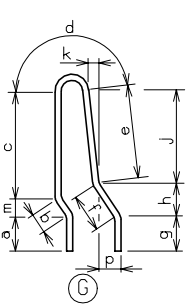
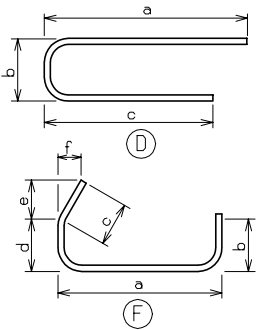
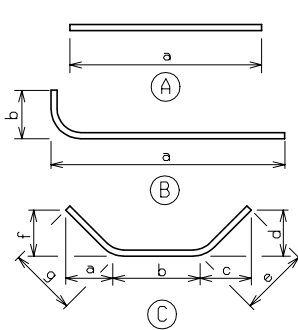
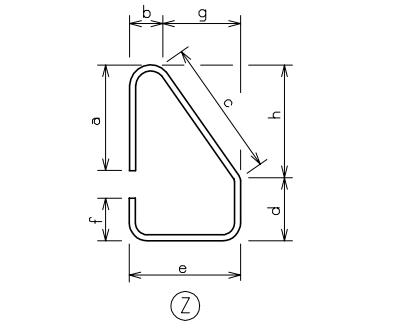
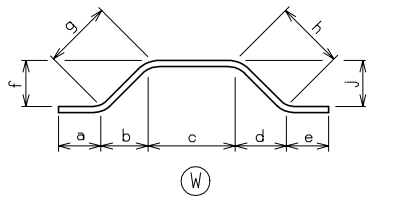
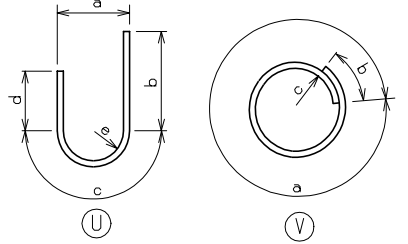
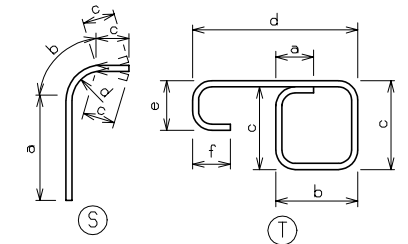
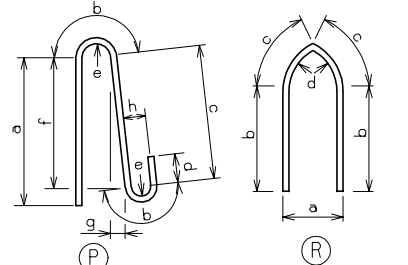
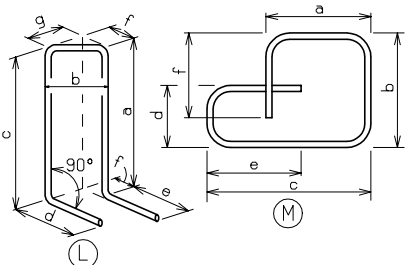
SUPERSTRUCTURE NORTH BOUND

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SUPERSTRUCTURE SOUTH BOUND

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REVISIONS			
NO.	DESCRIPTION	DATE	BY



MISCELLANEOUS QUANTITIES

67771 Lb Reinforcement, Steel, Epoxy Coated

BAR LEGEND

EA064700

BAR SHAPE

BAR LENGTH (IN)

BAR LENGTH (FT)

BAR SIZE

EPOXY COATED

REINFORCEMENT SHALL BE BUNDLED AND TAGGED AS TO THE LOCATION AS SHOWN ON THIS SHEET.



STEEL REINFORCEMENT DETAILS

DATE _____

CONT. SEC.

JOB NO.

DESIGN UNIT

SHEET

S04 OF 29011

56772

28 OF 28

FILE NAME: S0429011.RS

CORRECTED BY:

DATE:

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