

SEE SHEET NO. 5 FOR INDEX OF DRAWINGS

SYRACUSE DIVISION
PLANS FOR REHABILITATION OF
THRUWAY BRIDGES AT:

- M.P. 208.35, EASTBOUND - NOWADAGA CREEK AND INDIAN CASTLE ROAD, BIN 5516022
 M.P. 208.36, WESTBOUND - NOWADAGA CREEK AND INDIAN CASTLE ROAD, BIN 5516021
 M.P. 210.62, WESTBOUND - INTERCHANGE NO. 29A RAMP "C" & "D", BIN 5510001
 M.P. 210.63, EASTBOUND - INTERCHANGE NO. 29A RAMP "C" & "D", BIN 5510002
 M.P. 225.48, EASTBOUND - COUNTY ROUTE 53, BIN 5516072
 M.P. 225.49, WESTBOUND - COUNTY ROUTE 53, BIN 5516071
 M.P. 227.40, EASTBOUND - STERLING CREEK, BIN 5516092
 M.P. 227.41, WESTBOUND - STERLING CREEK, BIN 5516091
 M.P. 233.26, WEST & EASTBOUND - NORTH GENESEE ST., BIN 5051759
 M.P. 233.27, ACCESS RAMP (TO NYS THRUWAY INTERCHANGE) OVER NORTH GENESEE ST., BIN 5051740
 M.P. 238.22, NYS THRUWAY WEST & EASTBOUND OVER ORISKANY BLVD., BIN 5009929
 M.P. 247.86, WESTMORELAND - LOWELL RD. (COUNTY RD. 52) OVER NYS THRUWAY WEST & EASTBOUND, BIN 5512940
 M.P. 260.57, NYS THRUWAY WESTBOUND OVER COWASELON CREEK, BIN 5512841
 M.P. 260.58, NYS THRUWAY EASTBOUND OVER COWASELON CREEK, BIN 5512842

IN
HERKIMER, ONEIDA, AND MADISON COUNTIES

TYPE OF CONSTRUCTION

GENERAL

RECONSTRUCTION OF BRIDGE DECKS

REMOVE EXISTING WEARING COURSE FROM BRIDGE. COMPLETE FULL AND PARTIAL DEPTH REPAIRS TO SLAB. RECONSTRUCT SIDEWALK SECTION. INSTALL WATERPROOFING SYSTEM ON DECK AND REPLACE ASPHALT WEARING SURFACE. COLD MILL AND PAVE APPROACHES TO MEET BRIDGE DECK SURFACE.

RECONSTRUCTION OF BRIDGE RAILINGS

UPGRADE EXISTING FOUR-RAIL SYSTEMS USING THREE BEAM BRIDGE RAILING. REPLACE TRANSITION SECTIONS AND RAILING CLAMPS ON TWO-RAIL BRIDGE RAILINGS. RESET CORRUGATED BEAM MEDIAN BARRIER AND INSTALL CORRUGATED BEAM AND BOX BEAM GUIDE RAILING TO MEET EXISTING APPROACH RAILING.

RECONSTRUCTION OF BRIDGE JOINTS

REMOVE EXISTING BRIDGE JOINT SYSTEMS AND SURROUNDING CONCRETE. INSTALL STRIP SEAL JOINT SYSTEM AND REPLACE CONCRETE. INSTALL STRUCTURAL SEALING JOINT SYSTEM.

M.P. 225.49

REPLACE CONCRETE BACKWALLS.

STANDARD SHEETS: 606-1R2, 606-2R2, 606-3R4, 606-6R2, 203-1, 203-2R1, 606-7R2, 606-15R1, 606-21, 609-3, 619-1R1, 619-3R3, 619-4R2, 645-7, 645-8R1, 646-4R1, 646-5, 680-1, 680-3, 680-4, 680-5, 680-9R2, 680-10, 680-12, 680-16, 680-17

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS ADOPTED JANUARY 2, 1990 INCLUDING CURRENT ADDITIONS AND MODIFICATIONS, EXCEPT AS MODIFIED ON THESE PLANS AND IN THE PROPOSAL.

BRIDGE MAINTENANCE GUIDELINES

UPON COMPLETION OF THIS PROJECT, THE BRIDGE ELEMENTS REPAIRED, REHABILITATED OR RECONSTRUCTED HEREUNDER SHOULD BE MAINTAINED IN ACCORDANCE WITH THE CURRENT AASHTO MANUAL FOR BRIDGE MAINTENANCE, AND THE NEW YORK STATE THRUWAY AUTHORITY MAINTENANCE DIRECTIVES: GUIDELINES FOR A COMPREHENSIVE MAINTENANCE PROGRAM, MD 90-11, AND BRIDGE INSPECTION, MD 88-7.

SPECIAL MAINTENANCE REQUIREMENTS: NONE

NOTE: LOAD RATINGS ARE PROVIDED ON THE INDIVIDUAL PROPOSED PLAN SHEETS (PP-x)

WHEREVER ON THESE PLANS OR IN THE PROPOSAL THE "OLD ITEM" LISTED BELOW APPEARS THE "NEW ITEM" SHALL APPLY.

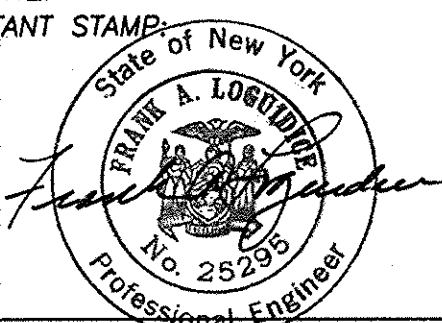
"OLD ITEM"	"NEW ITEM"
25581.5003	581.01

PREPARED BY:
CONSULTANT LOGO:



BARTON & LOGUIDICE, P.C.

SIGNATURE:
CONSULTANT STAMP:



TAS 92-74B

RECORD PLANS

79 SHEETS

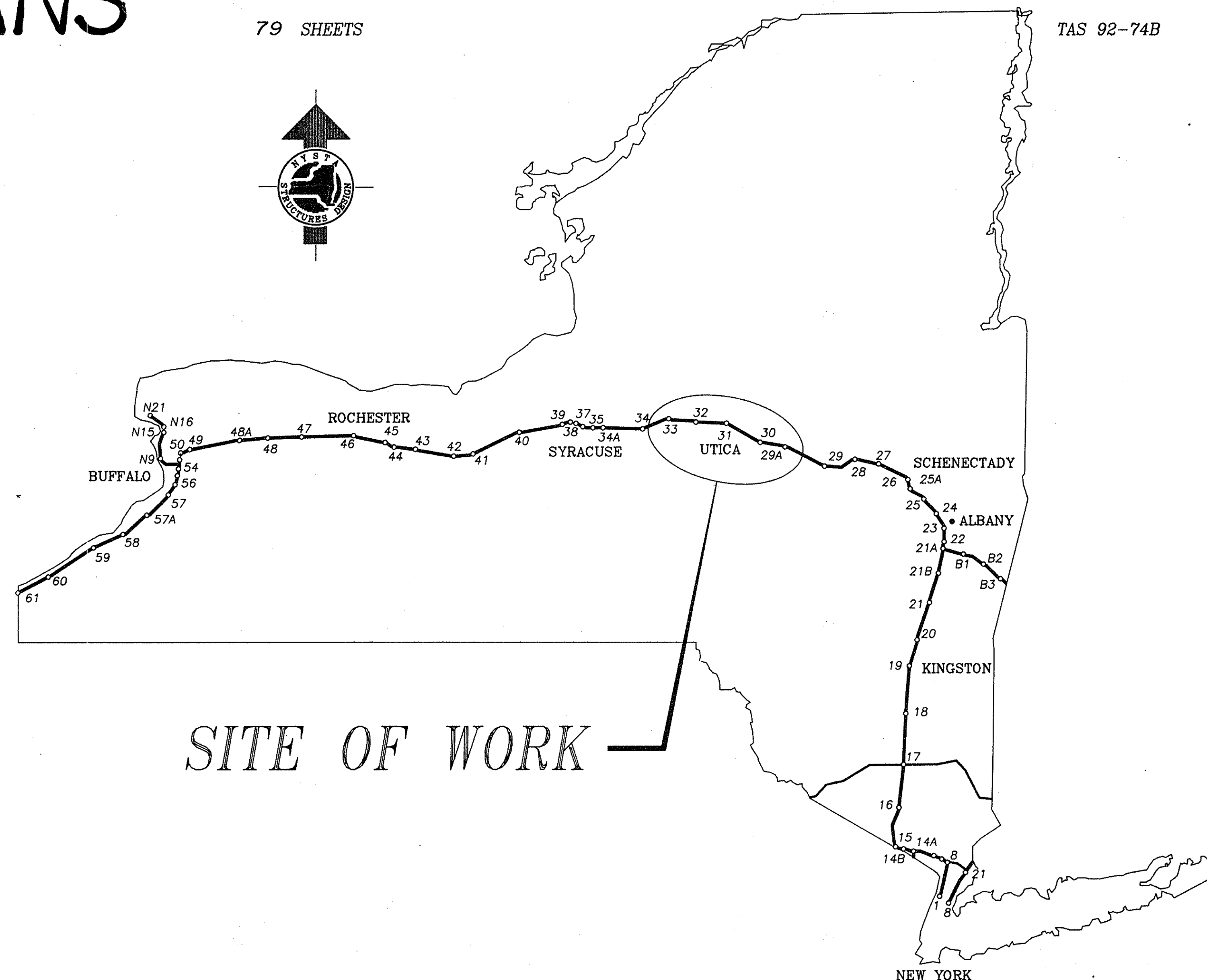
TAS 92-74B

NOTES:

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM ON THESE PLANS IN ANY WAY. IF ALTERATIONS TO THESE PLANS ARE REQUIRED, THE ALTERATIONS SHALL BE MADE IN ACCORDANCE WITH ARTICLE 145 - SUBSECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

CHANGES MADE, IF ANY, TO THESE PLANS AND RELATED CONTRACT DOCUMENTS SINCE COMPLETION BY THE CONSULTING ENGINEER MAY BE DETERMINED BY COMPARISON WITH SUCH PREFINAL PLANS AND RELATED DOCUMENTS FILED AT THE THRUWAY DESIGN OFFICE OR THOSE FILED AT THE OFFICE OF THE CONSULTING ENGINEER.

SIGNATURES HEREON HAVE BEEN AFFIXED BY PERSONS ACTING IN THEIR OFFICIAL CAPACITY AS INDICATED.



SITE OF WORK

CONTRACTOR'S NAME: BARRY, BETTE, & LED DUKE, INC.
 AWARD DATE: JAN. 5, 1993
 COMPLETION DATE: NOV. 4, 1994
 FINAL ACCEPTANCE DATE:
 INSPECTION FIRM'S NAME: LABELLA ASSOC.
 RESIDENT ENG./EIC: BRUCE A. SAMSON
 FINAL COST TOTAL:

FISCAL SHARE	COST(S)
1.0	

INSPECTION FIRM
CONSULTANT STAMP:
LaBella Assoc.

RECOMMENDED BY:

Phyllis Jones 9/10/92
DIRECTOR, DESIGN BUREAU DATE

RECOMMENDED BY:

Pete Dwyer 9/10/92
DIRECTOR, TRAFFIC ENGINEERING BUREAU DATE

RECOMMENDED BY:

Allye Lutton 9/16/92
DIRECTOR, CONSTRUCTION MANAGEMENT BUREAU DATE

RECOMMENDED BY:

CC Donnan 9/14/92
CHIEF ENGINEER, MAINTENANCE ENGINEERING DATE

APPROVED BY:

Calvin E. Nugent 9/17/92
CHIEF ENGINEER, ENGINEERING SERVICES DATE

THRUWAY AUTHORITY PROGRAM MANAGER

CONSULTANT PROJECT ENGINEER *Robert W. Hamerly, P.E., P.P.*REVIEWED BY *John Miller*



ESTIMATE OF QUANTITIES

ESTIMATE OF QUANTITIES			BIN 5516022 (M.P. 208.35)		BIN 5516021 (M.P. 208.36)		BIN 5510001 (M.P. 210.62)		BIN 5510002 (M.P. 210.63)		BIN 55160872 (M.P. 225.48)		BIN 55160871 (M.P. 225.49)		BIN 5516092 (M.P. 227.40)		TOTAL QTY. THIS SHT.	
ITEM NO.	DESCRIPTION	UNIT	EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL		
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	2,240	1453.79	2,400	1697.15	3,620	3004.06	3,760	3107.76	3,780	3858.03	4,250	4021.86	3,940	2952.85	23,990	20095.50
25203.022502	REMOVING CONCRETE PAVEMENT (FULL DEPTH)	SY	222	201.42	222	206.34							67	183.30		133.88	511	732.94
206.01	STRUCTURE EXCAVATION	CY	45	18.99	45	19.11	6	0	6	0	13	0.90	45	48.04	25	38.25	105	125.29
209.01	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	FLS	NEC		NEC								NEC		NEC		NEC	
304.03	SUBBASE COURSE OPTIONAL, TYPE 2	CY	1,450	754.63	1,560	862.35	2,230	1891.46	2,310	1905.58	2,350	2348.24	2,670	2497.90	2,430	2049.28	15,000	12304.44
403.11	ASPHALT CONCRETE - TYPE 1 BASE COURSE	T	1,150	750.68	1,230	965.3	1,842	1549.54	1,916	1787.51	1,905	2372.29	2,125	2192.53	2,040	1974.94	12,208	11592.79
403.13	ASPHALT CONCRETE - TYPE 3 BINDER COURSE	T	300	315.17	300	357.49	468	419.03	486	546.17	485	817.00	540	890.53	520	520.79	9,099	3866.18
403.15	ASPHALT CONCRETE - TYPE 5 SHIM COURSE	T					18	0	25	0							43	0
403.1701	ASPHALT CONCRETE - TYPE 6F TOP COURSE (HIGH FRICTION) (MARSHALL DESIGN)	T	400	462.12	470	562.15	550	534.10	594	623.91	550	671.11	625	523.62	660	676.31	3,849	4053.32
403.21	ASPHALT CONCRETE TRUING & LEVELING COURSE	T	70	23.09	68	23.16					18	50.86	20	64.49	4	8.31	100	169.91
25403.2501	SAWING & SEALING JTS. IN BITUMINOUS CONC. OVERLAYS	LF	192	171.51	192	177.54					75	131.34			100	82.08	559	562.17
407.0101	TACK COAT	GAL	25	7.76	45	134.70	8	148.30	15	155.00	22	194.00	45	89.00	53	105.00	213	903.60
490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	SY	470	1254.28	860	1944.60	160	1071.33	296	1125.11	435	1567.37	860	885.84	1,060	2044.30	4,141	9892.83
490.40	MISCELLANEOUS COLD MILLING OF CEMENT CONCRETE PAVEMENT	SY	333	0	410	0											744	0
25502.5001	SAW CUTTING - ASPHALT CONCRETE	LF	2,720	2936.40	2,900	3145.80	4,160	4238.70	4,625	4458.50	4,500	4444.60	4,700	4760.10	4,410	4389.70	28,015	28383.80
25502.9916	SAW CUTTING CONCRETE	LF	50	50	50	50							50	0			150	700
552.04	TEMPORARY STEEL SHEET PILING	SF											280	287.00			280	287.00
25555.01	CONCRETE FOR STRUCTURES, CLASS A	CY	1	1.70	1	4.89							1.32	16.91	1	6.08	24	30.90
555.03	CONCRETE FOR STRUCTURES, CLASS D	SF									160	19.01		32.66	113	51.45	340	103.12
555.0405	CONCRETE FOR STRUCTURES, CLASS E (STRUCTURAL APPROACH SLAB W/ SEPARATE WEARING SURFACE)	SF											1,050	1120.46		144.00	1,050	1264.46
15555.3502	EPOXY BONDING COMPOUND	GAL	3	7.5	3	15.5	3	2	6	4	1	0.25	2	4	2	3.5	20	36.75
556.0202	EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES	LB	790	756.76	790	770.48	720	859.03	900	1026.73	230	281.11	10,250	9516.62	260	1153.42	13,940	14364.15
25558.02	BRIDGE WATERPROOFING COURSE	T					18	16.50	25	20.53		5.38					43	42.41
25558.0399	ELIMINATOR WATERPROOFING MEMBRANE	SF	9,785	9253.52	9,785	9293.08					1,960		1,735	1652.86	4,570	4446.65	27,835	24646.11
25558.5001	MEMBRANE WATERPROOFING SYSTEM FOR STRUCTURAL SLABS	SF		99.28		105.73	5,880	5779.47	7,162	6897.42		2037.31					43,042	15191.37
25559.0302	PENETRATING SEALER FOR CONCRETE	SF	901	1040.82	845	1040.82									390	228.20	2,136	2309.84
25559.99	PROTECTIVE SEALER FOR CONCRETE	SF					500	0	500	0	148	125.40	148	125.40			1,296	250.80
564.701001	STRUCTURAL STEEL REPLACEMENT - FASCIA BAY DIAPHRAGM REPLACEMENT	EA																
566.2001	DOWNSPOUT SYSTEM (DUCTILE IRON)	LF																
25566.32	INSTALLATION OF BRIDGE WEEPS	EA	4	4	4	4	2	1	2	1			4	2			46	12
25567.45	STRUCTURAL SEALING JOINT SYSTEM	EA					95	119.80	150	144.20	38	0	130	104.80	35	26.80	448	395.60
25567.55	COMPRESSION SEAL	LF																
25567.8002	STRIPSEAL JOINT SYSTEM W/ RIGID ANCHORAGE	LF	63	61.6	63	62.3											126	123.90
25568.110001	REPAIRS TO STEEL BRIDGE RAILING	LS																
25570.0701XX	ENVIRONMENTAL GROUND PROTECTION, COLLECTION & PACKAGING	LS											NEC		NEC		NEC	
25570.0801XX	ENVIRONMENTAL WATERWAY PROTECTION, COLLECTION & PACKAGING	LS											NEC		NEC		NEC	
25570.7891XX	TREATMENT & DISPOSAL OF PAINT REMOVAL WASTE	LS											NEC		NEC		NEC	
25570.920100	COATING SYSTEM FOR NEW STRUCTURAL STEEL (SHOP APPLIED)	LS											NEC		NEC		NEC	
25570.9275XX	HAND AND POWER TOOL CLEAN & REPAINT BRIDGE RAIL (NON-GAL)	LS											NEC		NEC		NEC	
580.01	REMOVAL OF STRUCTURAL CONCRETE	CY		1.70		2.34							21	14.36		5.47	21	23.87
580.11	REMOVAL OF CONCRETE BRIDGE PYLONS	EA															2	2
25580.500303	PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB, REPLACE W/ CLASS D CONCRETE	SF	100	2481.08	2,280	1879.72	165	945.18	550	3048.91	400	407.23	360	148.53	130	103.71	3,985	9014.36
25580.510303	FULL DEPTH REMOVAL OF STRUCTURAL SLAB, REPLACE W/ CLASS D CONCRETE	SF	450	406.92	500	367.62	400	302.62	950	375.53	220	123.51	305	226.08	160	130.70	2,985	1932.98
25580.52	REMOVAL OF CURBS AND SIDEWALKS	CY	28	20.24	28	21.73					6	4.38	3	4.23	14	11.57	79	62.15
581.01	REMOVAL OF BITUMINOUS CONCRETE OVERLAY (BRIDGE)	SF	9,167	9028.74	9,168	9065.26	5,967	5832.77	7,323	6998.77	1,763	1758.58	1,808	1806.98	4,159	4588.91	39,355	39080.01
25581.5001	REMOVAL OF BRIDGE WEARING COURSE	SY																
25582.06	REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE	SF	280	315.14	340	285.09	10		10	0	80	98.98	85	65.57	130	306.91	935	1071.69
586.01	DRILL & GROUT BOLTS OR REINFORCING BARS	LF	80	0	80	0	66	74.0	76	90.0	55	20.0	190	13.0	84	18.5	691	215.50
15587.0501	STEEL BRIDGE RAILING REPLACEMENT CLAMP	EA					62	62.0	62	62.0							124	128
587.1002	BOX BEAM BRIDGE RAIL TWO RAIL	LF					93	94.0	93	93.65							106	187.65
587.20	THREE BEAM BRIDGE RAIL - ATTACHMENT TO EXISTING BRIDGE RAILING	LF									104	100.15	104	100.31	207	200.40	415	400.86
606.10	BOX BEAM GUIDE RAILING	LF					66	77.4	64	73.3							190	150.70
606.11	BOX BEAM GUIDE RAILING (SHOP CURVED)	LF																
606.20	CORRUGATED BEAM GUIDE RAILING	LF																

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	BIN 5516091 (M.P. 227.41)		BIN 5051759 (M.P. 233.26)		BIN 5051740 (M.P. 233.27)		BIN 5009929 (M.P. 238.22)		BIN 5512940 (M.P. 247.86)		BIN 5512841 (M.P. 260.57)		BIN 5512842 (M.P. 260.58)		TOTAL QTY. THIS SHT.	TOTAL QTY.
			EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL		
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	2,630	2476.25	7,250	0			7,430	2632.75			3,890	3778.19	4,150	3108.74	25,350	12,192.93
25203.022502	REMOVING CONCRETE PAVEMENT (FULL DEPTH)	SY	280	275.25					197.78				260.50		282.17		280	1005.70
206.01	STRUCTURE EXCAVATION	CY	45	26.27	75	60.61	30	23.64	79	59.80	26	15.58	20	40.06	30	39.75	280	265.71
209.01	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	FLS	NEC										NEC		NEC		NEC	
304.03	SUBBASE COURSE OPTIONAL, TYPE 2	CY	1,655	1679.80	4,810	47.32	21	18.20	4,600	2279.49	17	8.80	2,410	1920.13	2,141	1806.01	16,073	7759.75
403.11	ASPHALT CONCRETE - TYPE 1 BASE COURSE	T	1,315	1,256.26	3,265	37.14	9	9.81	3,825	1868.74	9	6.69	1,990	1918.42	2,100	1726.80	12,513	6,823.86
403.13	ASPHALT CONCRETE - TYPE 3 BINDER COURSE	T	315	773.61	820	13.64	3	0	974	609.03	23	2.09	505	504.51	532	458.53	9,149	2361.41
403.15	ASPHALT CONCRETE - TYPE 5 SHIM COURSE	T	15	0	49	0	18	0			23	21.99			105	21.99	148	21.99
403.1701	ASPHALT CONCRETE - TYPE 6F TOP COURSE (HIGH FRICTION) (MARSHALL DESIGN)	T	420	750.21	1,065	358.46	63	95.58	1,385	778.79	132	115.13	605	843.55	630	943.62	4,700	3,885.34
403.21	ASPHALT CONCRETE TRUING & LEVELING COURSE	T	4	112.79					65	281.3	42	53.57	48	35.17	159	482.83	999	652.74
25403.2501	SAWING & SEALING JTS. IN BITUMINOUS CONC. OVERLAYS	LF	120	108.50	232	204.00	80	73.34	212	300.16	74	110.40	200	126.60	136	127.80	1,754	1,050.80
407.0101	TACK COAT	GAL	32	184.00	43	250.50	5	58.00	131	365.22	25	94.00	19	223.30	56	223.53	311	1,398.55
490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	SY	605	2200.04	850	1211.58	80	190.07	2,618	3,073.30	180	444.44	410	3,349.39	1,120	2,817.45	5,863	13,286.27
490.40	MISCELLANEOUS COLD MILLING OF CEMENT CONCRETE PAVEMENT	SY	380	0					277.78				582.61		388	1608.21	1,123	10,004
25502.5001	SAW CUTTING - ASPHALT CONCRETE	LF	3,270	2767.80	5,843	206.40	80	80.00	3,000	2535.20	40	40.0	4,550	3,387.10	4,470	3573.43	21,259	12,589.93
25502.9916	SAW CUTTING CONCRETE	LF	50	50					25.0						50	75.0	288	175.0
552.04	TEMPORARY STEEL SHEET PILING	SF							5	0	2	1.96	4	0			14	2.80
25555.01	CONCRETE FOR STRUCTURES, CLASS A	CY	1	0.84			2	0	170	0			500	0			670	33.7
555.03	CONCRETE FOR STRUCTURES, CLASS D	SF															1,918	103.12
555.0405	CONCRETE FOR STRUCTURES, CLASS E (STRUCTURAL APPROACH SLAB W/ SEPARATE WEARING SURFACE)	SF																1,850
15555.3502	EPOXY BONDING COMPOUND	GAL	1	0.25	2	4	2	4	5	9	2	6	2	3.5	2	3.5	16	30.25
555.0202	EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES	LB	40	48.19	1,600	1,383.55	1,320	1,322.60	2,600	1,365.56	1,120	902.51	1,030	796.38	950	893.08	6,660	6711.87
25558.02	BRIDGE WATERPROOFING COURSE	T	14	14.16	48	44.71	17	18.72		51.73	22	21.99				18.67	101	169.98
25558.0399	ELIMINATOR WATERPROOFING MEMBRANE	SF							16,520	0			6,100	5756.30	6,340	0	28,968	5756.30
25558.5001	MEMBRANE WATERPROOFING SYSTEM FOR STRUCTURAL SLABS	SF	4,670	4,820.80	15,890	15,915.80	5,645	5,767.30	17,129.40	7,430	7,500.80					59,780.02	33,635	57,378.94
25559.0302	PENETRATING SEALER FOR CONCRETE	SF	388	236.35									520	504.18	365	347.60	1,673	1,088.13
25559.99	PROTECTIVE SEALER FOR CONCRETE	SF			615	0	650	0	725	628.74	1,315	1,266.13					9,905	189.87
564.701001	STRUCTURAL STEEL REPLACEMENT - FASCIA BAY DIAPHRAGM REPLACEMENT	EA							2	2							2	2
566.2001	DOWNSPOUT SYSTEM (DUCTILE IRON)	LF					76	0									76	0
25566.32	INSTALLATION OF BRIDGE WEEPS	EA			8	7	8	0	16	16	8	8	4	4	4	4	48	39
25567.45	STRUCTURAL SEALING JOINT SYSTEM	LF							240	229.60	106	101.20					346	330.80
25567.55	COMPRESSION SEAL	LF							102	204.3							102	204.3
25567.8002	STRIPSEAL JOINT SYSTEM W/ RIGID ANCHORAGE	LF			116	115.40	88	89.1					69	68.4	68	67.4	941	340.3
25568.110001	REPAIRS TO STEEL BRIDGE RAILING	LS	NEC														NEC	
25570.0701XX	ENVIRONMENTAL GROUND PROTECTION, COLLECTION & PACKAGING	LS	NEC														NEC	
25570.0801XX	ENVIRONMENTAL WATERWAY PROTECTION, COLLECTION & PACKAGING	LS	NEC														NEC	
25570.7891XX	TREATMENT & DISPOSAL OF PAINT REMOVAL WASTE	LS	NEC														NEC	
25570.920100	COATING SYSTEM FOR NEW STRUCTURAL STEEL (SHOP APPLIED)	LS							NEC								NEC	
25570.9275XX	HAND AND POWER TOOL CLEAN & REPAINT BRIDGE RAIL (NON-GAL)	LS	NEC														NEC	
580.01	REMOVAL OF STRUCTURAL CONCRETE	CY		0.52					13	0					3.73		19	4.25
580.11	REMOVAL OF CONCRETE BRIDGE PYLONS	EA	1	1							4		3				8	10
25580.500303	PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB, REPLACE W/ CLASS D CONCRETE	SF	60	1,285.98	470	224.46	255	1,512.70	2,850	5437.10	400	1,217.15	221	1,991.77	450	481.09	4,706	12,150.25
25580.510303	FULL DEPTH REMOVAL OF STRUCTURAL SLAB, REPLACE W/ CLASS D CONCRETE	SF	40	74.0	462	570.80	352	560.60	900	2413.30	300	238.16	290	769.15	340	500.91	2,684	5,126.92
25580.52	REMOVAL OF CURBS AND SIDEWALKS	CY	14	13.35					77	67.3			32	17.97			123	98.62
581.01	REMOVAL OF BITUMINOUS CONCRETE OVERLAY (BRIDGE)	SF	4159	3,755.38	15,876	15,733.75	5,786	3,457.75	15,234	15,211.91			5,623	5,952.0	5,967	6,067.0	32,645	52,609.79
25581.5001	REMOVAL OF BRIDGE WEARING COURSE	SY									811	785.78					811	2,091.34
25582.06	REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE	SF	90	113.57	10	0	38	0	550	249.0	100	28.78	180	106.62	10	104.28	378	641.25
586.01	DRILL & GROUT BOLTS OR REINFORCING BARS	LF	60	0					270	0	195	64.32	90	0			699	64.32
15587.0501	STEEL BRIDGE RAILING REPLACEMENT CLAMP	EA															36	72
587.1002	BOX BEAM BRIDGE RAIL TWO RAIL	LF			93	0	93	93.5									36	160
587.20	THREE BEAM BRIDGE RAIL - ATTACHMENT TO EXISTING BRIDGE RAILING	LF	206	200.40					18.7	612	612.0	300	288.6		122	121.18	1,118	214.68
606.10	BOX BEAM GUIDE RAILING	LF			72	54.0		82.72							16	434.63	1,118	1119.70
606.11	BOX BEAM GUIDE RAILING (SHOP CURVED)	LF					72	0							144	72.08	88	571.35
606.20	CORRUGATED BEAM GUIDE RAILING	LF	75	1,257.50		1,650.0		25.0		300	2,683.0	250	915.0				285	722.08
606.21	CORRUGATED BEAM MEDIAN BARRIER	LF	50	65.0													625	650.50
606.22	ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING	EA	2	3		3		1		4	4	4	4				10	65.0
25606.4350	FURNISH AND INSTALL PRECAST CONCRETE MEDIAN BARRIER	LF					1,280	1,280.0									1,280	15
606.48	REMOVING AND DISPOSING GUIDE POSTS	EA									4	4					4	4
606.50	RESETTING CORRUGATED BEAM GUIDE RAILING	LF	475	526.25	1,739	0	25	231.66	2,600	1,095.20				275.0			4,839	2,128.11
606.51	RESETTING CORRUGATED BEAM MEDIAN BARRIER	LF			188	100.0			1,563	638.0							1,751	738.0
606.52	RESETTING BOX BEAM GUIDE RAILING	LF													660	864.0	660	864.0
606.54	RESETTING CORRUGATED BEAM GUIDE RAILING (NEW POSTS)	LF															150	0
606.55	RESETTING CORRUGATED BEAM MEDIAN BARRIER (NEW POSTS)	LF							150	150.0							150	0
606.57	RESETTING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAIL OR MEDIAN BARRIER	EA		1	4	0									4	0	4	0
606.58	RESETTING BOX BEAM GUIDE RAILING END ASSEMBLY	EA															150	6
606.62	REMOVING & STORING CORR. BEAM GUIDE RAILING	LF			175	112.5	175	87.75									350	200.25
606.63	REMOVING & STORING CORR. BEAM MEDIAN BARRIER	LF								154.0							154	154.0
606.64	REMOVING & STORING BOX BEAM GUIDE RAILING	LF	215	0	216	54.0							60	60.0	198	162.0	689	276.0
606.68	REMOVING & STORING BOX BEAM GUIDE RAILING END ASSEMBLY	EA	2	0									1	1			9	4
606.71	REMOVING & DISPOSING CABLE GUIDE RAILING	LF											160	160.0			160	160
606.72	REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING	LF	25	988.0			25.0				400	408.0					425	1421.0
606.73	REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER	LF	60	50.0													60	50.0
606.74	REMOVING & DISPOSING BOX BEAM GUIDE RAILING	LF		172.0			216	219.25							330.0		216	721.25
606.76	REMOVING & STORING ANCHORAGE UNITS FOR CABLE GUIDE RAILING	EA			4	0	4	4									8	4
606.77	REMOVING AND STORING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING & MEDIAN BARRIER	EA															1	1
606.81	GUIDE RAIL TRANSITION CORRUGATED BEAM TO BOX BEAM (ONE OR TWO WAY OPERATION)	EA			2	2	2	2									4	4
25606.8103	REMOVING & DISPOSING GUIDE RAIL TRANSITION CORRUGATED BEAM TO BOX BEAM (ONE OR TWO WAY OPERATION) INCLUDING TRANS. ANCHORAGE UNIT	EA			2	1	2	2									4	3
606.82	GUIDE RAIL TRANSITION BOX BEAM TO CORRUGATED BEAM (ONE WAY OPERATION)	EA	2	2							4	4	2	0			8	14
25606.8602	RESETTING GUIDE RAIL TRANSITION CORRUGATED BEAM TO THREE BEAM	EA		1					2	1							2	6
609.0201	STONE CURB - GRANITE (TYPE A)	LF	70	675.7					70	70.8			70	68.7			210	207.07</

[illegible]

12-28-79	FINAL QUANTITIES	Bas	
DATE	DESCRIPTION	BY	SYM.
<p style="text-align: center;">REVISIONS</p>			
<p style="text-align: center;"> NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209 </p>			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL AND OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING <p style="text-align: center;">ESTIMATE OF QUANTITIES</p>			
		CONTRACT NUMBER: <p style="text-align: center;">TAS 92-74B</p>	
		DATE: <p style="text-align: center;">SEPT, 1992</p>	
		DRAWING NUMBER: <p style="text-align: center;">E-Q-3R</p>	

GENERAL NOTES

- DESIGN SPECIFICATIONS: CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES WITH ALL INTERIM SPECIFICATIONS AND MODIFICATIONS AND 1981 NEW YORK STATE STEEL CONSTRUCTION MANUAL, INCLUDING CURRENT ADDITIONS AND MODIFICATIONS.
- LIVE LOAD: HS20-44. THE LOAD RATINGS ARE IN ACCORDANCE WITH THE AASHTO "MANUAL FOR MAINTENANCE INSPECTION OF BRIDGES".
- MATERIAL AND CONSTRUCTION SPECIFICATIONS: STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING, DATED JANUARY 2, 1990 WITH CURRENT ADDITIONS AND MODIFICATIONS.
- REINFORCING STEEL AND CONCRETE DATA: CONCRETE - MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3,000 PSI. BAR REINFORCEMENT - ASTM DESIGNATION A615, GRADE 60.
- RECORD PLANS: RECORD PLANS COVERING PREVIOUS WORK WILL BE AVAILABLE FOR REVIEW BY ALL PROSPECTIVE BIDDERS AT THE THRUWAY HEADQUARTERS IN ALBANY PRIOR TO THE LETTING DATE.
- THE CONTRACTOR SHALL EXAMINE AND VERIFY IN THE FIELD ALL CONDITIONS AND DIMENSIONS. IF FIELD CONDITIONS AND DIMENSIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL USE THE FIELD CONDITIONS AND DIMENSIONS AND MAKE THE APPROPRIATE CHANGES TO THOSE SHOWN ON THE PLANS AS APPROVED BY THE ENGINEER. THE RESULTS OF THIS CHECK OF CONDITIONS AND DIMENSIONS SHALL BE SO NOTED ON THE DRAWINGS SUBMITTED FOR APPROVAL.

THERE SHALL BE NO CLAIM AGAINST THE AUTHORITY MADE BY THE CONTRACTOR FOR WORK PERTAINING TO MODIFICATIONS AS MAY BE REQUIRED DUE TO ANY DIFFERENCE BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN BY THE DETAILS AND DIMENSIONS ON THE CONTRACT PLANS. THE CONTRACTOR WILL BE PAID AT THE UNIT BID PRICE FOR THE ACTUAL QUANTITIES OF MATERIALS USED OR FOR THE WORK PERFORMED, AS INDICATED BY THE VARIOUS ITEMS IN THE CONTRACT.

THE CONTRACTOR SHOULD NOTE THAT ADDITIONAL WORK MAY BE REQUIRED AS THE CONTRACT PROGRESSES WHICH IS NOT SHOWN OR NOTED ON THE PLANS. THIS WORK SHALL BE PERFORMED BY THE CONTRACTOR AS ORDERED BY THE ENGINEER AND PAYMENT SHALL BE MADE AT THE BID PRICE FOR THE APPROPRIATE ITEMS.
- IT WILL BE THE CONTRACTOR'S OBLIGATION AND RESPONSIBILITY TO USE METHODS AND EQUIPMENT WHICH WILL INSURE THE SATISFACTORY COMPLETION OF THE REQUIRED WORK WITH A MINIMUM OF DELAY.
- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH HIS PROPOSED WORK SCHEDULE AS IT PERTAINS TO LANE CLOSURES ON A WEEKLY BASIS FOR REVIEW AND APPROVAL.
- PROTECTION OF THE PUBLIC: THE CONTRACTOR SHALL MAINTAIN AND PROTECT THRUWAY TRAFFIC IN ACCORDANCE WITH ITEM 619.01, THE TRAFFIC CONTROL SHEETS AND PERTINENT PROVISIONS OF THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (1983 EDITION). THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF SECTION 107, LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC, OF THE STANDARD SPECIFICATIONS DATED JANUARY 2, 1990, INCLUDING CURRENT ADDITIONS AND MODIFICATIONS.
- STRUCTURAL STEEL:
 - THE CONTRACTOR SHALL PROVIDE FOR THE STABILITY OF STRUCTURAL STEEL DURING ALL PHASES OF ERECTION AND CONSTRUCTION, AS PROVIDED IN PARAGRAPH 204.2 OF THE NEW YORK STATE STEEL CONSTRUCTION MANUAL (SCM).
 - STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED.
 - WELDING SHALL CONFORM TO THE 1981 NEW YORK STATE STEEL CONSTRUCTION MANUAL INCLUDING ALL ADDENDA.
- THE LOAD RATINGS ARE IN ACCORDANCE WITH THE AASHTO "MANUAL FOR MAINTENANCE INSPECTION OF BRIDGES - 1983" WITH ALL INTERIM PROVISIONS IN EFFECT AS OF NOVEMBER, 1992.
- ALL PLACEMENTS OF SUBBASE COURSE, TYPE 2, ITEM 304.03, SHALL BE COMPACTED TO 95 PERCENT OF STANDARD PROCTOR MAXIMUM DENSITY.
- THE INSTALLATION OF SUBBASE COURSE, TYPE 2, ITEM 304.03, AS SHOWN ON THE STRUCTURAL PLANS, SHALL BE DONE IMMEDIATELY FOLLOWING THE COMPLETION OF THE CURING PERIOD FOR THE ABUTMENTS, WALLS, OR JOINT HEADERS.
- PRELIMINARY BRIDGE REHABILITATION REPORTS WERE PREPARED IN MAY, 1992, BY BARTON & LOGUIDICE, P.C., FOR EACH STRUCTURE. THEY CONTAIN INSPECTION FINDINGS, DECK CORE DESCRIPTIONS AND OTHER DATA AND ARE AVAILABLE FOR INSPECTION AT THE MAIN OFFICE OF THE THRUWAY AUTHORITY IN ALBANY.
- TOP OF BACKWALLS SHALL BE STEEL TROWEL FINISHED. COMPRESSED SYNTHETIC SHEET GASKET (TREATED BOTH SIDES), SHALL BE PLACED ON TOP OF THE BACKWALLS. THIS MATERIAL SHALL BE SEA-RO CSG-2, AS MANUFACTURED BY THE SEA-RO PACKING COMPANY, INC., WOODRICH, N.J., OR AN EQUAL APPROVED BY THE DIRECTOR, MATERIALS BUREAU. TWO 1/16-INCH THICK SHEETS SHALL BE USED, AND PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB.
- THE CONTRACTOR, WITH THE PERMISSION OF THE CHIEF ENGINEER - ENGINEERING SERVICES OR HIS DESIGNATED REPRESENTATIVE MAY ELECT TO INTRODUCE CONSTRUCTION JOINTS IN THE ABUTMENTS AT LOCATIONS NOT SHOWN ON THE PLANS. THESE CONSTRUCTION JOINTS SHALL BE PROVIDED WITH SHEAR KEYS AND WATERSTOPS. VERTICAL CONSTRUCTION JOINTS INTRODUCED IN THE BACKWALL SHOULD PREFERABLY BE PLACED MIDWAY BETWEEN THE PEDESTALS.

- THE CONTRACTOR IS ADVISED THAT WORK REFERENCED TO MILEPOST LOCATIONS IS BASED ON EXISTING MILEPOST MARKERS, THEREFORE, THE CONTRACTOR SHALL MAINTAIN THE MILEPOST MARKERS DURING ALL PHASES OF WORK.
- ALL LOCATIONS OF PROPOSED GUIDE RAILING SHALL BE ESTABLISHED BEFORE THE EXISTING GUIDE RAILING IS REMOVED.
- THE STRUCTURAL STEEL FOR THE DIAPHRAGMS AT MP 238.22 SHALL BE PARTIALLY PAINTED. FINISH COAT COLOR SHALL BE SAGE GREEN. THE COLOR SHALL CONFORM TO MUNSSELL BOOK NOTATION 7.5 GY 5/4.
- CONCRETE PLACEMENT AND FINISHING OPERATIONS SHALL BE PERFORMED AS RAPIDLY AS POSSIBLE. THE ENGINEER MAY ORDER THE CONTRACTOR TO STOP HIS POUR OPERATIONS AT ANY TIME IF, IN THE ENGINEER'S OPINION, CONCRETE PLACED DURING THE POUR HAS STARTED TO SET, OR IS ABOUT TO SET, AND FURTHER PLACEMENT OF CONCRETE WILL CAUSE DEFLECTION CRACKING.
- ALL AREAS SHOWN ON THE PLANS AS "POUR 1" MUST BE PLACED DURING THE INITIAL CONTINUOUS WORK PERIOD. SUBSEQUENT POURS (CONTINUOUS PLACEMENTS) WILL NOT BE PERMITTED UNTIL 72 HOURS AFTER THE START OF THE PREVIOUS POUR.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE AUTHORITY, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE AUTHORITY, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THOSE ITEMS.
- DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS AND OTHER MATERIAL TO RAILROAD RIGHT-OF-WAY, RIVERS AND ROADWAYS BELOW THE BRIDGE EXCEPT WHERE THE PLANS, OR SPECIFICATION SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED. IF MATERIAL FALLS ON THE AREA BELOW AND ADJACENT TO THE BRIDGE, IT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR ON A REGULAR BASIS.
- ALL MATERIAL FALLING ON THE AREA BELOW AND ADJACENT TO THE BRIDGE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE APPROPRIATE ITEMS OF THE CONTRACT.
- THE DETAILS ON THE DRAWINGS INDICATE THE SPALLS, SCALES AND CRACKS NOTED ON A FIELD INSPECTION. ALL OF THE MAJOR AREAS OF SPALLING, SCALING AND CRACKING KNOWN TO EXIST AT THE TIME OF CONTRACT PREPARATION HAVE BEEN SHOWN TO INDICATE THE APPROXIMATE EXTENT OF DETERIORATION THAT WILL HAVE TO BE REPAIRED BY THE CONTRACTOR.
- AREAS OF CONCRETE DETERIORATION ON THE FASCIA AND SIDEWALK SHALL BE REPAIRED USING ITEM 25582.06 - REMOVAL OF STRUCTURAL CONCRETE - REPLACEMENT WITH CLASS D CONCRETE AS SHOWN ON THE PLANS OR AS ORDERED BY THE ENGINEER.
- ALL CONCRETE SURFACES RECEIVING NEW CONCRETE SHALL BE AIR CLEANED AND/OR SANDBLASTED. JUST PRIOR TO THE APPLICATION OF NEW CONCRETE, THE SURFACES SHALL BE AIR CLEANED AND COATED WITH AN EPOXY BONDING COMPOUND THOROUGHLY BRUSHED INTO THE SURFACE. EPOXY BONDING COMPOUND APPLIED TO FULL DEPTH STRUCTURAL SLAB REPAIRS SHALL BE PAID UNDER ITEM 15555.3502. THE COST OF EPOXY BONDING COMPOUND APPLIED TO PARTIAL DEPTH OR CLASS D CONCRETE REPAIRS WILL BE INCLUDED IN THE UNIT PRICES BID FOR ITEM 25582.06 OR ITEM 25580.500303.
- CHIPPING HAMMERS USED TO REMOVE CONCRETE FROM THE FOLLOWING STRUCTURAL COMPONENTS SHALL NOT EXCEED FORTY-FIVE (45) POUNDS IN WEIGHT WITH THE BIT REMOVED.
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL FOR THE FOLLOWING STRUCTURAL STEEL REPLACEMENT ITEMS:

STRUCTURAL STEEL REPLACEMENT - FASCIA BAY DIAPHRAGM REPLACEMENT, ITEM 564.701001 (MP 238.22)
- IF THE STRUCTURE HAS A BRIDGE IDENTIFICATION NUMBER (B.I.N.) PLATE ATTACHED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT IT DURING CONSTRUCTION OR REMOVE AND RE-mount IT AFTER CONSTRUCTION IS COMPLETED WITHOUT COST TO THE AUTHORITY.
- THE CONTRACTOR SHALL KEEP ALL BRIDGE DRAINS CLEAN AND FREE FLOWING DURING THE LIFE OF THE CONTRACT. THE COST SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS SUPERSTRUCTURE ITEMS IN THE CONTRACT.
- LOAD RESTRICTION NOTE:

THE CONTRACTOR'S ATTENTION IS DIRECTED TO SUBSECTION 105-12, CONSTRUCTION EQUIPMENT.
- FOR STRUCTURAL DECK REPAIRS, THE CONTRACTOR SHALL REMOVE THE EXISTING ASPHALT BRIDGE WEARING SURFACE. THE ENGINEER SHALL THEN EXAMINE THE DECK TO DETERMINE THE LOCATION AND EXTENT OF DETERIORATED CONCRETE TO BE REMOVED AND THE METHOD OF REPLACEMENT.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT NO SEALER WAS APPLIED TO THE STRUCTURAL SLAB WHEN ORIGINALLY CONSTRUCTED OR REHABILITATED. THEREFORE, SOME DIFFICULTY MAY BE ENCOUNTERED WHEN REMOVING THE EXISTING WEARING COURSE FROM THE STRUCTURAL DECK.

- ALL DETERIORATED STRUCTURAL SLAB CONCRETE SHALL BE REMOVED TO A DEPTH WHERE SOUND CONCRETE IS EXPOSED. BEFORE STARTING THIS WORK, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A PLAN SHOWING HIS PROPOSED METHOD, EQUIPMENT AND SEQUENCE FOR THE REMOVAL WORK. NO BLASTING OR DYNAMITING WILL BE PERMITTED.
- EXPOSED REINFORCING STEEL WHICH IS TO REMAIN IN THE STRUCTURE SHALL BE PROTECTED FROM DAMAGE, OR OTHERWISE BE REPLACED AT THE CONTRACTOR'S EXPENSE, AND SANDBLAST CLEANED TO THE SATISFACTION OF THE ENGINEER.
- ALL EXPOSED EDGES OF CONCRETE ARE TO BE CHAMFERED ONE INCH UNLESS OTHERWISE NOTED.
- ALL DECK FORMS USED SHALL BE REMOVABLE FORMS.
- SHOP DRAWINGS FOR THE JOINT SYSTEMS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- PROTECTIVE SEALER FOR CONCRETE SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES EXCEPT THE UNDERSIDE OF THE STRUCTURAL SLAB AND THAT PORTION OF THE SLAB WHICH WILL BE THE ROADWAY PAVEMENT.
- IF THE CONTRACTOR ELECTS TO PERFORM NIGHTTIME OPERATIONS, THE WORK AREA SHALL BE ILLUMINATED TO THE SATISFACTION OF THE ENGINEER. THE LIGHTING SHALL BE SHIELDED TO AVOID GLARE TO THE TRAFFIC AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR IS ADVISED THAT ADDITIONAL "NOTES" WILL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH "NOTES", WHILE PERTAINING TO THESE SPECIFIC SHEETS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
- NO ADDITIONAL PAYMENT WILL BE MADE FOR WORK CALLED FOR BY NOTES ON THE PLANS OR IN THE SPECIFICATIONS UNLESS PAYMENT IS SPECIFICALLY INDICATED BY ITEM NUMBER. THE COST OF WORK FOR WHICH NO PAYMENT ITEM IS INDICATED SHALL BE INCLUDED IN THE UNIT PRICES BID FOR VARIOUS ITEMS OF THIS CONTRACT.
- THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH OTHER CONTRACTORS AND AUTHORITY MAINTENANCE FORCES, AND HE SHALL SCHEDULE HIS OPERATIONS SO AS TO CAUSE A MINIMUM DISRUPTION TO TRAFFIC.
- CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE TO TREES WITHIN AND OUTSIDE THE LIMITS OF CONSTRUCTION, AND NOT SCHEDULED FOR REMOVAL. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
- DIMENSIONS OF THE EXISTING STRUCTURES SHOWN ON THESE PLANS ARE FOR GENERAL REFERENCE ONLY. THEY HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION OR SUBSEQUENT REHABILITATION DRAWINGS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL TAKE ALL SUCH FIELD MEASUREMENTS AS ARE NECESSARY TO ASSURE PROPER FIT OF THE FINISHED WORK, AND THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. WHEN SHOP DRAWINGS BASED ON FIELD MEASUREMENTS ARE SUBMITTED FOR APPROVAL, THE FIELD MEASUREMENTS MADE SHALL BE INDICATED ON THE SHOP DRAWINGS SUBMITTED FOR REFERENCE OF THE REVIEWER.
- THE TOP FLANGE OF ANY EXPOSED STRINGERS SHALL BE CLEANED OF ALL CONCRETE DEBRIS, RUBBLE AND LOOSE RUST PRIOR TO POURING THE NEW FULL DEPTH SLAB REPAIRS.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND ADVISE THE AUTHORITY OF THE TYPE, SIZE AND WEIGHT OF ALL VEHICLES HE INTENDS TO USE ON THE STRUCTURES DURING CONSTRUCTION BASED ON THE CONDITION OF THE EXISTING STRUCTURES. THIS DETERMINATION SHALL BE MADE BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK EMPLOYED AND PAID BY THE CONTRACTOR.

THE DETERMINATION BY THIS PROFESSIONAL ENGINEER IS TO BE MADE PRIOR TO THE USE OF ANY VEHICLES ON THE STRUCTURE WITH ALL RESTRICTIONS ENUMERATED BY HIM BEING STRICTLY ADHERED TO. IN THE EVENT THE CONTRACTOR'S OR HIS SUBCONTRACTOR'S FORCES FAILURE TO COMPLY WITH THE INSTRUCTIONS OF THE PROFESSIONAL ENGINEER FOR THE USE OF ANY VEHICLE, THE WORK WILL BE IMMEDIATELY SUSPENDED UNTIL CORRECTIVE PROCEDURES SATISFACTORY TO THE PROFESSIONAL ENGINEER AND THE AUTHORITY ARE EMPLOYED.

COSTS OF ALL DAMAGE, DIRECT OR INDIRECT, RESULTING FROM THE PERFORMANCE OF THIS WORK SHALL BE BORNE AND SUSTAINED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE REQUIRED TO PROTECT HIS WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS.
- LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED AS EXISTING AND/OR TO BE CONSTRUCTED AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THEIR EXACT LOCATION SHALL BE DETERMINED IN THE FIELD. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OPERATIONS AND TAKE THE NECESSARY PRECAUTIONS TO PREVENT INTERFERENCE WITH OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION.

IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, HE SHALL IMMEDIATELY COMMENCE WORK TO RESTORE SERVICE AND MAY NOT CEASE HIS WORK OPERATION UNTIL SERVICE IS RESTORED.
- THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORTS, BRACING AND OTHER DEVICES AS MAY BE REQUIRED OR AS DIRECTED BY THE ENGINEER TO PROTECT THE SAFETY OF THE ADJACENT STRUCTURES, ROADWAY AND UTILITIES.
- SHOULDER AREAS DISTURBED BY THE CONTRACTOR, AS PART OF WORK TO BE PERFORMED UNDER THIS CONTRACT, SHALL BE RESTORED AS SPECIFIED AND TO THE SATISFACTION OF THE ENGINEER. ALL THE DISTURBED GRASS AREAS SHALL BE GRADED IN A MANNER APPROVED BY THE ENGINEER AND SEEDED AS SPECIFIED IN THE STANDARD SEEDING ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS IN THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
- ALL SPANS HAVING EXISTING SPIRAL AND/OR STUD SHEAR CONNECTORS SHALL BE THOROUGHLY CLEANED AND LEFT IN PLACE. AS A RESULT OF THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR MAY ELECT TO REMOVE THE EXISTING SPIRAL SHEAR CONNECTORS AND REPLACE THEM AT A RATE OF 2 STUDS PER SPIRAL. THIS OPTION SHALL BE ALLOWED AT NO ADDITIONAL COST TO THE AUTHORITY.

- FOR THE SAFETY OF THE TRAVELING PUBLIC, THE CONTRACTOR IS TO MINIMIZE THE AMOUNT OF TIME ANY DROP-OFF OCCURS ADJACENT TO THE TRAVEL LANE. THE CONTRACTOR IS NOT TO EXCAVATE THE SHOULDER AREA UNTIL HE IS PREPARED TO COMPLY, IN A TIMELY MANNER, ALL SUBSEQUENT OPERATIONS TO COMPLETE THE PROPOSED WORK. IN THE EVENT OF CIRCUMSTANCES BEYOND THE CONTRACTOR'S CONTROL, SUCH AS BUT NOT LIMITED TO, STRIKES, ADVERSE WEATHER, ETC., SUCH DROP-OFF SHALL BE ELIMINATED BY OR AT THE EXPENSE OF THE CONTRACTOR BY THE END OF THE WORKING DAY. NO DROP-OFFS SHALL BE PERMITTED OVER WEEKEND OR HOLIDAY PERIODS.
- THE CONTRACTOR IS TO VISIT THE SITE BEFORE BIDDING, TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO JUDGE FOR HIMSELF THE EXTENT AND NATURE OF THE WORK TO BE DONE UNDER THIS CONTRACT. NO EXTRA COMPENSATION WILL BE ALLOWED HIM BECAUSE OF HIS FAILURE TO INCLUDE IN HIS BID ALL ITEMS AND MATERIALS WHICH HE IS REQUIRED TO FURNISH IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- STREAM PROTECTION NOTE:

DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. HE SHALL NOT RETURN DIRECTLY TO A STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF HE USES WATER FROM A STREAM, HE SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM REQUIRED TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM. THESE TEMPORARY MEASURES SHALL BE REMOVED AND THE AREA RESTORED AT THE COMPLETION OF THE WORK.
- WHEN PLACING NEW CONCRETE IN CONTACT WITH EXISTING CONCRETE SURFACES, APPLY EPOXY BONDING COMPOUND TO THESE SURFACES AS INDICATED ON THE CONTRACT PLANS. IF NO BONDING AGENT IS INDICATED, A CEMENT GROUT SLURRY SHALL BE USED AFTER SANDBLASTING THESE SURFACES BUT PRIOR TO PLACEMENT OF THE NEW CONCRETE. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE SLURRY, THE COST OF WHICH SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS CONCRETE ITEMS.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT NO EMBANKMENT AREA FOR SUBBASE MATERIALS IS AVAILABLE FOR THIS CONTRACT WITHIN THE THRUWAY'S RIGHT-OF-WAY. THEREFORE, ALL MATERIAL TO BE REMOVED FROM THE JOB SITE SHALL BE DISPOSED OF BY THE CONTRACTOR OFF THE AUTHORITY'S PROPERTY. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE REGULATIONS THAT APPLY TO THE AREA CHOSEN FOR THE DISPOSAL OF THIS MATERIAL.
- THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING FACILITY CAUSED BY HIS OPERATIONS WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. ALL DAMAGE TO THE EXISTING FACILITY WHICH IS NOT PART OF THE INTENDED WORK SHALL BE REPAIRED BY THE CONTRACTOR WITHOUT COST TO THE AUTHORITY AND TO THE SATISFACTION OF THE ENGINEER.
- ALL WORK AREAS AT THE STRUCTURE SHALL BE COMPLETELY FENCED, CONSISTENT WITH OSHA REGULATIONS, TO THE SATISFACTION OF THE ENGINEER, TO PROTECT THE PUBLIC AND PREVENT UNAUTHORIZED ENTRY. THE COST OF THIS WORK IS TO BE INCLUDED IN ITEM 619.01.
- THE METHOD OF REMOVAL OF EXISTING ROADWAY OR SHOULDER PAVEMENT IN THE IMMEDIATE VICINITY OF UNDERGROUND UTILITIES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- APPROACH SLAB NOTES:
 - TO PERMIT UNHINDERED LONGITUDINAL MOVEMENT OF SLAB, THE SURFACE OF THE SUBBASE COURSE MUST BE ACCURATELY CONTROLLED TO FOLLOW AND BE PARALLEL TO THE ROADWAY GRADE AND EXISTING CEMENT CONCRETE PAVEMENT CROSS SLOPE.
 - POLYETHYLENE CURING COVERS (WHITE OPAQUE) IN ACCORDANCE WITH MATERIAL SPECIFICATION 711-04 SHALL BE PLACED ON THE FINISHED SUBBASE COURSE THE FULL WIDTH OF THE ROADWAY PRIOR TO PLACEMENT OF APPROACH SLAB REINFORCEMENT. THE CURING COVERS SHALL BE 4 MIL THICK, AND LAPS SHALL BE 2'-0" MIN. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROACH SLAB ITEM.

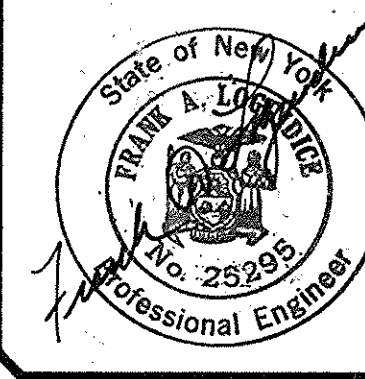
SPECIAL NOTES:

- WHITE / YELLOW REFLECTIVE PAVEMENT STRIPES (ITEM 640.0102 & 640.0202) MAY ONLY BE USED FOR DETOUR STRIPPING ON PAVEMENTS TO BE REMOVED UNDER THIS CONTRACT. REMOVABLE STRIPES SHALL BE USED ON ALL OTHER PAVEMENTS.
- REINFORCEMENT BARS SHALL BE LAPPED 1'-4".
- THE REPLACEMENT OF ITEM 25581.5003 WITH 581.01 SHALL INCLUDE THE REMOVAL OF MEMBRANE COURSE IN ITEM 581.01 (TYP).
- FOR ALL BRIDGES, THE BRIDGE SHOULDERS SHALL TRANSITION TO MEET ROADWAY SHOULDERS. THE TRANSITION LENGTH SHALL BE 75 FEET OR A.O.B.E..
- THE RECORD PLANS INCLUDE:
 - MT. 52-16
 - MT. 52-1
 - MT. 52-7
 - MT. 53-11
 - MT. 52-17
 - MT. 53-7
 - MT. 52-3

No AS BUILT REV.		REV.	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE - DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING			
GENERAL NOTES			
CONTRACT NUMBER:		TAS 92-74B	
DATE:		SEPT. 1992	
DRAWING NUMBER:		GN - 1	



BARTON & LOGUIDICE, P.C.



CHECKED BY: D. J. J. J. J.

DRAFTED BY: H. E. H. E. H.

DESIGNED BY: J. H. J. H. J.

IN CHARGE OF: R. W. Stansbury

BAR LIST

M.P. 208.35

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5AE11	12	17	2'-10"	35.46	10"	1'-2"					W.W. MODIFICATIONS (6 PER PHASE)
5JE8	41	18	3'-11"	167.49	1'-0"	6"	1'-2"	4"	8"	1'-9"	PIER 1 JOINT (PHASE I: 20; II: 21)
5JE9	36	STR	8'-9"	328.55							PIER 1 JOINT (PHASE I: 18; II: 18)
5JE10	4	STR	30'-6"	127.25							PIER 1 JOINT - PHASE I
5JE11	4	STR	31'-5"	126.90							PIER 1 JOINT - PHASE II
TOTAL WEIGHT:				785.64	(LAP TO 5JE10)						

M.P. 208.36

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5AE11	12	17	2'-10"	35.46	10"	1'-2"					W.W. MODIFICATIONS (6 PER PHASE)
5JE8	41	18	3'-11"	167.49	1'-0"	6"	1'-2"	4"	8"	1'-9"	PIER 1 JOINT (PHASE I: 20; II: 21)
5JE9	36	STR	8'-9"	328.55							PIER 1 JOINT (18 PER PHASE)
5JE10	4	STR	30'-6"	127.25							PIER 1 JOINT - PHASE I
5JE11	4	STR	31'-5"	126.90							PIER 1 JOINT - PHASE II
TOTAL WEIGHT:				785.64	(LAP TO 5JE10)						

M.P. 210.62

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5JE1	8	STR	28'-4"	236.41							ABUTMENT JOINTS - PHASE I
5JE2	62	17	2'-9"	177.83	1'-0"	9"					JOINTS (PHASE I: 37; II: 25)
5JE3	62	17	2'-3"	145.50	9"	9"					JOINTS (PHASE I: 37; II: 25)
5JE12	8	STR	18'-6"	154.36							ABUTMENT JOINTS - PHASE II
TOTAL WEIGHT:				714.11	(LAP TO 5JE1)						

M.P. 210.63

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5JE1	8	STR	28'-4"	236.41							ABUTMENT JOINTS - PHASE I
5JE2	78	17	2'-9"	223.72	1'-0"	9"					JOINTS (PHASE I: 37; II: 41)
5JE3	78	17	2'-3"	183.05	9"	9"					JOINTS (PHASE I: 37; II: 41)
5JE12	8	STR	30'-1"	251.02							ABUTMENT JOINTS - PHASE II
TOTAL WEIGHT:				893.50	(LAP TO 5JE1)						

M.P. 225.48

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5AE11	12	17	2'-10"	35.46	10"	1'-2"					W.W. MODIFICATIONS (6 PER PHASE)
5JE1	4	STR	7'-6"	31.29							ABUTMENT JOINTS - PHASE I
5JE2	18	17	2'-9"	51.63	1'-0"	9"					JOINTS (PHASE I: 5; II: 13)
5JE3	18	17	2'-3"	42.24	9"	9"					JOINTS (PHASE I: 5; II: 13)
5JE12	4	STR	18'-4"	76.49							ABUTMENT JOINTS - PHASE II
TOTAL WEIGHT:				237.11	(LAP TO 5JE1)						

M.P. 247.86

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5JE4	8	STR	46'-1"	384.52							PIERS 1 & 3 - STRIP SEAL JOINT
5JE5	124	17	1'-11"	247.89	7"	9"					PIERS 1 & 3 - STRIP SEAL JOINT
5JE6	16	STR	4'-2"	69.53							PIERS 1 & 3 - STRIP SEAL JOINT
5JE7	40	17	2'-9"	114.73	1'-1"	9"					PIERS 1 & 3 - STRIP SEAL JOINT
5SE1	98	19	1'-5"	144.81	3"	1'-2"					FOR SLAB EXT'S AT ABUTMENTS
5SE2	4	STR	36'-3"	151.24							FOR SLAB EXT'S AT ABUTMENTS
TOTAL WEIGHT:				1112.72							

M.P. 260.57

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5AE11	28	17	2'-10"	82.74	10"	1'-2"					W.W. MODIFICATION (14 PER PHASE)
5JE8	90	18	3'-1"	289.43	1'-0"	6"	1'-2"	4"	8"	1'-3"	PIER JOINT (PHASE I: 44; II: 46)
5JE9	36	STR	9'-9"	366.09							PIER JOINT (PHASE I: 18; II: 18)
5JE10	4	STR	33'-9"	140.81							PIER JOINT - PHASE I
5JE11	4	STR	34'-10"	145.32							PIER JOINT - PHASE II
TOTAL WEIGHT:				1024.40	(LAP TO 5JE10)						

M.P. 260.58

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5JE8	90	18	3'-1"	289.43	1'-0"	6"	1'-2"	4"	8"	1'-3"	PIER JOINT (PHASE I: 45; II: 45)
5JE9	36	STR	9'-9"	366.09							PIER JOINT (PHASE I: 18; II: 18)
5JE10	4	STR	34'-7"	144.28							PIER JOINT - PHASE I
5JE11	4	STR	34'-2"	142.54							PIER JOINT - PHASE II
TOTAL WEIGHT:				942.35	(LAP TO 5JE10)						

EXPLANATION OF BAR MARKS

- FIRST OR FIRST AND SECOND CHARACTER INDICATES SIZE OF BAR.
- FIRST ALPHABETIC CHARACTER INDICATES STRUCTURE UNIT:
A - ABUTMENT
H - APPROACH SLAB
J - JOINT
S - SUPERSTRUCTURE SLAB
- IF FOLLOWED BY THE LETTER 'E', BAR IS EPOXY COATED.
- REMAINDER IS SEQUENTIAL NUMBER OF BAR.
- ALL BAR DIMENSIONS ARE OUT TO OUT UNLESS OTHERWISE INDICATED.
- AN ASTERISK INDICATES THAT THE BAR LENGTH VARIES; AN AVERAGE LENGTH IS SHOWN.

M.P. 225.49

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
BACKWALL - POUR 1 (EAST & WEST BACKWALLS ARE IDENTICAL & ARE INCLUDED)											
5AE1	38	STR	2'-9"	108.99							
5AE2	44	STR	3'-3"	149.15							
5AE3	6	20	5'-11"	37.03	2'-10"	2'-2"	2'-2"	3'-1"			
5AE4	6	STR	4'-1"	25.55							
5AE5	6	STR	2'-7"	16.17							
5AE6	12	STR	2'-2"	27.12							
5AE7	12	STR	28'-0"	350.45							
5AE9	4	19	2'-10"	11.82	1'-4"	2"					

BACKWALL - POUR 2 (EAST & WEST BACKWALLS ARE IDENTICAL)

5AE1	38	STR	2'-9"	108.99							
5AE2	44	STR	3'-3"	149.15							
5AE3	6	20	5'-11"	37.03	2'-10"	2'-2"	2'-2"	3'-1"			
5AE4	6	STR	4'-1"	25.55	2'-10"			3'-1"			
5AE5	6	STR	2'-7"	16.17							
5AE6	12	STR	2'-2"	27.12							
5AE9	4	19	2'-10"	11.82	1'-4"	2"					
5AE10	12	STR	27'-1"	338.97							

CURB OVERLAY - POUR 3 (EAST & WEST ABUTMENTS ARE IDENTICAL)

5AE5	4	STR	2'-7"	10.78							
APPROACH SLAB - POUR 1 (EAST & WEST ABUTMENT SLABS ARE IDENTICAL)											
5HE2	12	STR	9'-0"	112.64							
6HE3	94	STR	8'-8"	1224.10							
6HE4	14	STR	10'-2"	213.79							
6HE5	38	STR	11'-8"	665.91							
5HE6	46	STR	25'-6"	1223.44							
5HE7	48	17	3'-9"	187.74	1'-0"	1'-9"					
6HE8	38	STR	2'-4"	133.16							

APPROACH SLAB - POUR 2 (EAST & WEST ABUTMENT SLABS ARE IDENTICAL)

5HE1	46	STR	24'-7"	1698.28							(LAP TO 5HE6)
6HE3	18	STR	8'-8"	234.40							
6HE4	14	STR	10'-2"	213.64							
6HE5	116	STR	11'-8"	2033.29							
5HE7	50	17	3'-9"	195.56	1'-0"	1'-9"					
6HE8	116	STR	2'-4"	406.48							(LAP TO 5HE2)
5HE9	12	STR	20'-3"	253.45							

TOTAL WEIGHT: 10,247.75 (WEIGHT INCLUDES BOTH ABUTMENTS AND APPROACH SLABS)

M.P. 227.40

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5AE11	12	17	2'-10"	35.46	10"	1'-2"					W.W. MODIFICATIONS (6 PER PHASE)
5JE1	4	STR	19'-11"	83.09							JOINTS AT ABUTMENTS - PHASE I
5JE2	18	17	2'-9"	51.63	1'-0"	9"					JOINTS (PHASE I: 4; II: 14)
5JE3	18	17	2'-3"	42.24	9"	9"					JOINTS (PHASE I: 4; II: 14)
5JE12	4	STR	7'-1"	29.55							(LAP TO 5JE1)

TOTAL WEIGHT: 241.98

M.P. 227.41

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5AE11	12	17	2'-10"	35.46	10"	1'-2"					W.W. MODIFICATIONS (6 PER PHASE)
TOTAL WEIGHT: 35.46											

M.P. 233.26

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5JE8	152	18	3'-1"	488.81	10"	6"	1'-2"	4"	6"	1'-3"	PIER 1 JOINT (PHASE I: 77; II: 75)
5JE9	84	STR	6'-11"	605.99							PIER 1 JOINT (PHASE I: 48; II: 36)
5JE10	8	STR	30'-3"	252.41							PIER 1 JOINT - PHASE I
5JE11	8	STR	29'-5"	245.45							PIER 1 JOINT - PHASE II
TOTAL WEIGHT:				1592.66	(LAP TO 5JE1)						

M.P. 233.27

MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5JE8	58	18	3'-1"	186.52	1'-10"	6"	1'-2"	4"	6"	1'-3"	PIER 1 & 2 JTS (PHASE I: 35; II: 23)
5JE9	60	STR	7'-0"	438.06							PIER 1 & 2 JTS (PHASE I: 36; II: 24)
5JE10	8	STR	20'-9"	173.14							PIER 1 & 2 JOINTS - PHASE I
5JE11	8	STR	23'-1"	192.61							PIER 1 & 2 JOINTS - PHASE II
5SE1	106	19	1'-5"	156.63	3"	1'-2"					SLAB EXT'S (PHASE I: 52; II: 54)
5SE2	4	STR	21'-6"	89.70							SLAB EXT'S AT ABUTS - PHASE I
5SE13	4	STR	19'-4"	80.66							SLAB EXT'S AT ABUTS - PHASE II
TOTAL WEIGHT:				1317.31	(LAP TO 5SE2)						

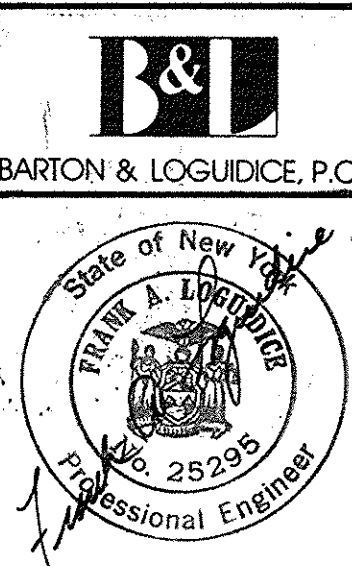
M.P. 238.22


MARK	NO.	TYPE	LENGTH	WEIGHT	A	B	C	D	E	F	DESCRIPTION
5AE11	28	17	2'-10"	82.74	10"	1'-2"					W.W. MODIFICATION (14 PER PHASE)
5JE4	16	STR	28'-8"	478.39							PIER 1 & 2 JOINTS - PHASE I
5JE5	290	17	1'-11"	579.74	7"	9"					PIER 1 & 2 JTS (PHASE I: 146; II: 144)
5JE6	16	STR	1'-0"	16.69							PIER 1 & 2 JTS (PHASE I: 8; II: 8)
5JE7	16	17	2'-9"	45.89	1'-1"	9"					PIER 1 & 2 JTS (PHASE I: 8; II: 8)
5JE14	16	STR	28'-10"	481.17	(LAP TO 5JE4)						PIER 1 & 2 JOINTS - PHASE II
5SE1	304	19	1'-5"	449.20	3"	1'-2"					SLAB EXT'S (PHASE I: 153; II: 151)
5SE2	8	STR	28'-8"	239.19							SLAB EXT'S AT ABUTS - PHASE I
5SE13	8	STR	27'-0"	225.29	(LAP TO 5SE2)						SLAB EXT'S AT ABUTS - PHASE II
TOTAL WEIGHT :				2598.31							

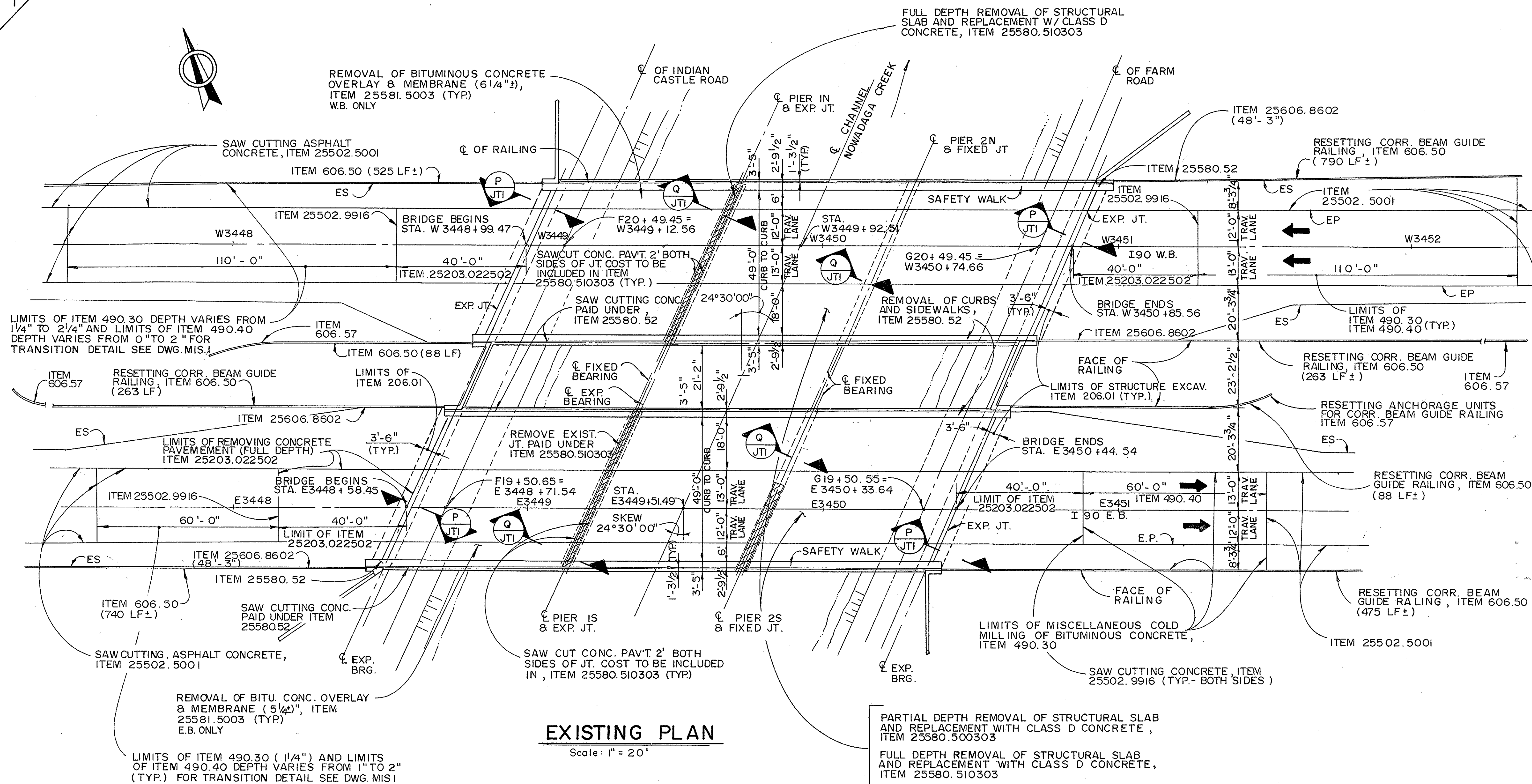
GUIDE RAIL TABLE

[illegible]

NOTES: ① INDICATES AN ITEM NUMBER OUT OF ORDER



12-20-94	FINAL QUANTITIES	<i>Bad</i>	<input checked="" type="checkbox"/>
DATE	DESCRIPTION	BY	SYM
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
LOCATION OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT MP. 208.35 TO MP. 260.58			
TITLE OF DRAWING GUIDERAIL TABLE			
		CONTRACT NUMBER: TAS92 - 74 B	
		DATE: SEPT. 1992	
		DRAWING NUMBER: . MT - 2 R	



SUGGESTED SEQUENCE OF WORK (M.P. 208.35 & M.P. 208.36)

1. ESTABLISH SHORT-TERM CLOSURE OF DRIVING LANE AND PASSING LANE. CONSTRUCT HEAVY DUTY SHLDR. AND RESET EXIST. APPROACH RAILING.
2. ESTABLISH PHASE I DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, DRUMS AND TEMPORARY CONCRETE BARRIER.

PHASE I WORK

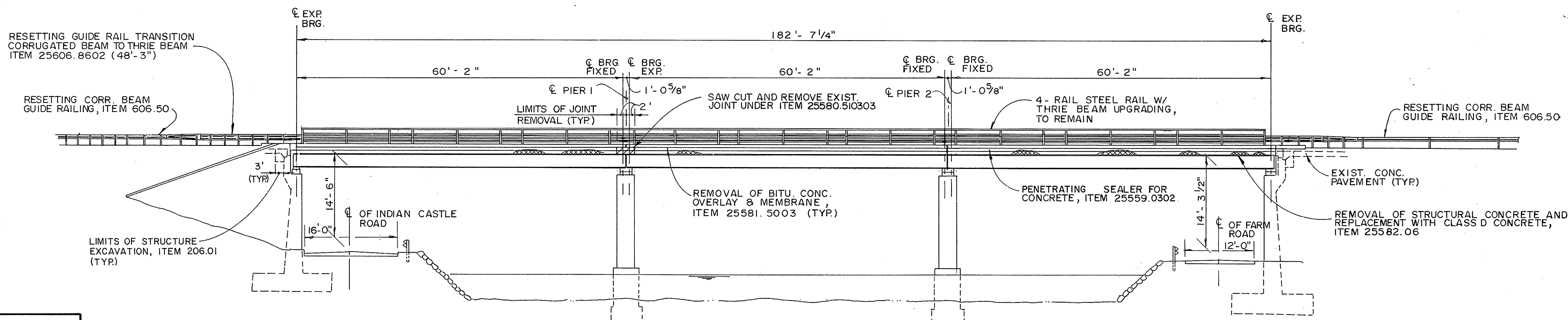
3. SAW CUT ASPHALT CONCRETE PAVEMENT AND COMPLETELY REMOVE BITUMINOUS CONCRETE OVERLAY AND MEMBRANE FROM THE BRIDGE.
4. SAW CUT AND COLD MILL ASPHALT CONCRETE APPROACH PAVEMENT WITHIN THE LIMITS INDICATED.
5. REMOVE EXISTING CONCRETE PAVEMENT WITHIN THE LIMITS AND RECONSTRUCT ASPHALT PAVEMENT AND SHOULDERS.
6. SAW CUT CONCRETE ON BOTH SIDES OF THE JOINT AT PIERS 1 AND REMOVE THE EXISTING JOINT SYSTEM AND SURROUNDING CONCRETE.
7. SAW CUT AND PARTIALLY REMOVE THE SAFETY WALK, PLACE CLASS A CONCRETE AND INSTALL STONE CURB (TYPE F1).
8. COMPLETE PARTIAL AND FULL DEPTH REPAIRS TO THE STRUCTURAL SLAB. REMOVE UNSOUND CONCRETE FROM FASCIA AND REPLACE WITH CLASS D CONCRETE. APPLY PENETRATING SEALER FOR CONCRETE TO THE FASCIA.
9. INSTALL THE PROPOSED JOINT SYSTEMS.
10. INSTALL ELIMINATOR WATERPROOFING MEMBRANE SYSTEM.
11. COMPLETE HEAVY DUTY SHOULDERS ON MEDIAN SIDE.
12. PAVE WITH ASPHALT CONCRETE BOTH THE BRIDGE AND THE APPROACHES.
13. PLACE TOP SOIL AND ESTABLISH TURF BEHIND THE CURB NEAR THE BRIDGE.
14. SAW CUT AND SEAL JOINTS IN BITUMINOUS CONCRETE OVERLAYS.

PHASE II WORK

15. ESTABLISH PHASE II DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, DRUMS AND TEMPORARY CONCRETE BARRIER.
16. PERFORM STEPS (3) THROUGH (10), (12) THROUGH (14) WITHIN THE PHASE II WORK ZONE.
17. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.
18. INSTALL FINAL PAVEMENT MARKINGS USING SHORT-TERM CLOSURES.

NOTES:

1. SEE EXISTING APPROACH SECTION ON DWG. NO. DR-4 FOR ADDITIONAL DETAILS REGARDING FULL DEPTH PAVEMENT RECONSTRUCTION.



BIN 5516022 & BIN 5516021

NO REVISIONS *Bas*

DATE DESCRIPTION BY SYM.

REVISIONS

NEW YORK STATE THRUWAY AUTHORITY

DEPARTMENT OF ENGINEERING SERVICES

200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT BRIDGE DECK STRIP, SEAL AND OVERLAY

LOCATION OF PROJECT M.P. 208.35 & M.P. 208.36

TITLE OF DRAWING EXISTING PLAN & ELEVATION

CONTRACT NUMBER: TAS 92-748

DATE: SEPT, 1992

DRAWING NUMBER: EP-1

IN CHARGE OF: *Robert W. Hamel*

DESIGNED BY: *Thomas C. Auld*

CHECKED BY: *M.E. Krasinski*

DRAFTED BY: *M.E. Krasinski*

IN CHARGE OF: *Robert W. Hamel*

DESIGNED BY: *Thomas C. Auld*

CHECKED BY: *M.E. Krasinski*

DRAFTED BY: *M.E. Krasinski*

IN CHARGE OF: *Robert W. Hamel*

DESIGNED BY: *Thomas C. Auld*

CHECKED BY: *M.E. Krasinski*

DRAFTED BY: *M.E. Krasinski*

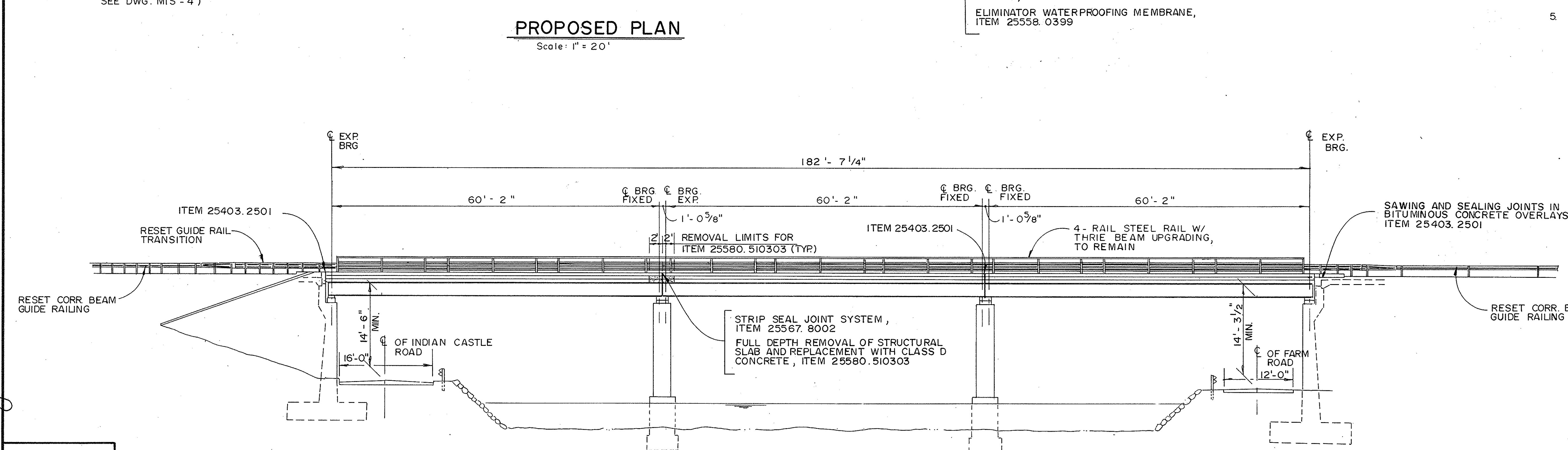
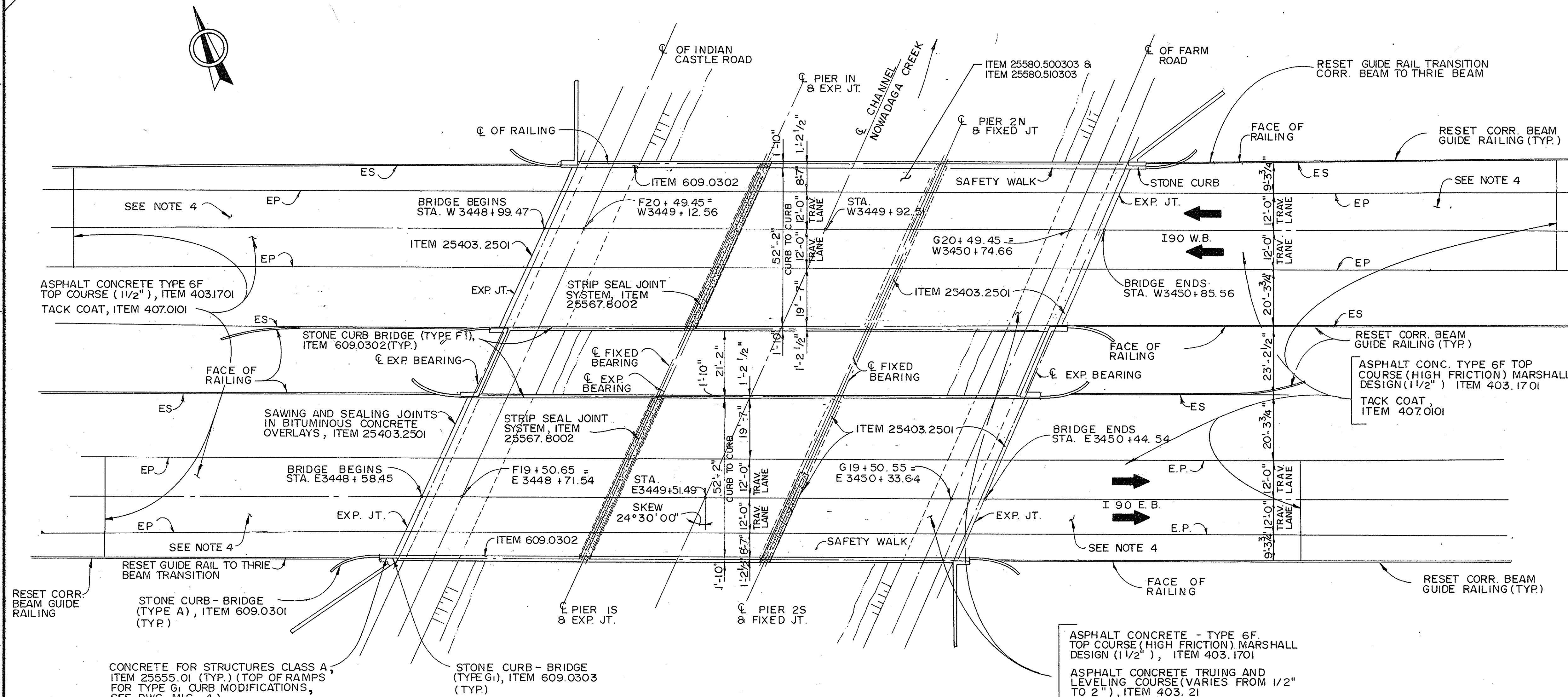


CHECKED BY: D. J. J. J.

DESIGNED BY: M. E. K.

DESIGNED BY: J. C. H.

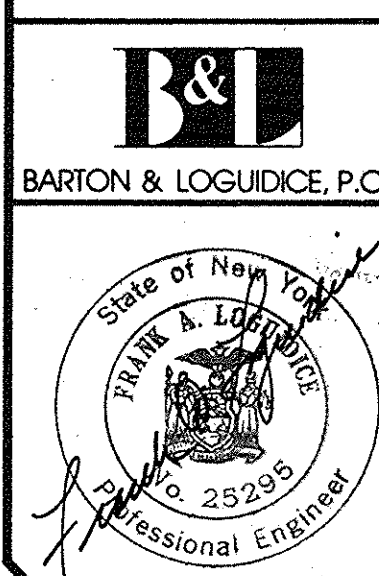
IN CHARGE OF: R. J. J.



PROPOSED LOAD RATINGS		
MEMBER	BIN 5516022 (M.P. 208.35 EB)	
	INVENTORY	OPERATING
INTERIOR	HS 24.7 (44.4 TON)	HS 40.8 (59.3 TON)
	H 35.9 (35.9 TON)	H 59.3 (59.3 TON)
* EXTERIOR FASCIA	HS 14.2 (25.6 TON)	HS 26.6 (47.9 TON)
	H 20.6 (20.6 TON)	H 38.7 (38.7 TON)
** MEDIAN FASCIA	HS 14.2 (25.6 TON)	HS 26.6 (47.9 TON)
	H 20.6 (20.6 TON)	H 38.7 (38.7 TON)
SAFE LOAD CAPACITY	38.7 TON	
MEMBER	BIN 5516021 (M.P. 208.36 WB)	
	INVENTORY	OPERATING
INTERIOR	HS 23.0 (41.4 TON)	HS 38.7 (69.6 TON)
	H 33.4 (33.4 TON)	H 56.2 (56.2 TON)
* EXTERIOR FASCIA	HS 15.9 (28.6 TON)	HS 29.0 (52.3 TON)
	H 23.1 (23.1 TON)	H 42.2 (42.2 TON)
** MEDIAN FASCIA	HS 15.9 (28.6 TON)	HS 29.0 (52.3 TON)
	H 23.1 (23.1 TON)	H 42.2 (42.2 TON)
SAFE LOAD CAPACITY	42.2 TONS	

- * MEMBER SHOWS NO SIGNS OF DISTRESS.
- ** MEMBER IS NOT CURRENTLY SUBJECTED TO DIRECT LIVE LOADING.

- NOTES:
- FOR LIMITS OF SHOULDER RECONSTRUCTION, SEE DWG. MPT-1
 - FOR SHOULDER RECONSTRUCTION DETAIL, SEE DWG. MIS-1
 - FOR FULL AND PARTIAL DEPTH REPAIR, SEE DWG. MIS-1
 - FOR PROPOSED APPROACH SECTION WITH FULL DEPTH PAVEMENT RECONSTRUCTION, SEE DWG. DR-4
 - REFER TO DWG. MIS-4 FOR APPROACH CURB DETAILS.



17/34

BIN 5516022 & BIN 5516021			
No Revision	Rev		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL AND OVERLAY			
LOCATION OF PROJECT: M.P. 208.35 & M.P. 208.36			
TITLE OF DRAWING: PROPOSED PLAN & ELEVATION			
CONTRACT NUMBER: TAS 92-74B		DATE: SEPT, 1992	
DRAWING NUMBER: PP-1			

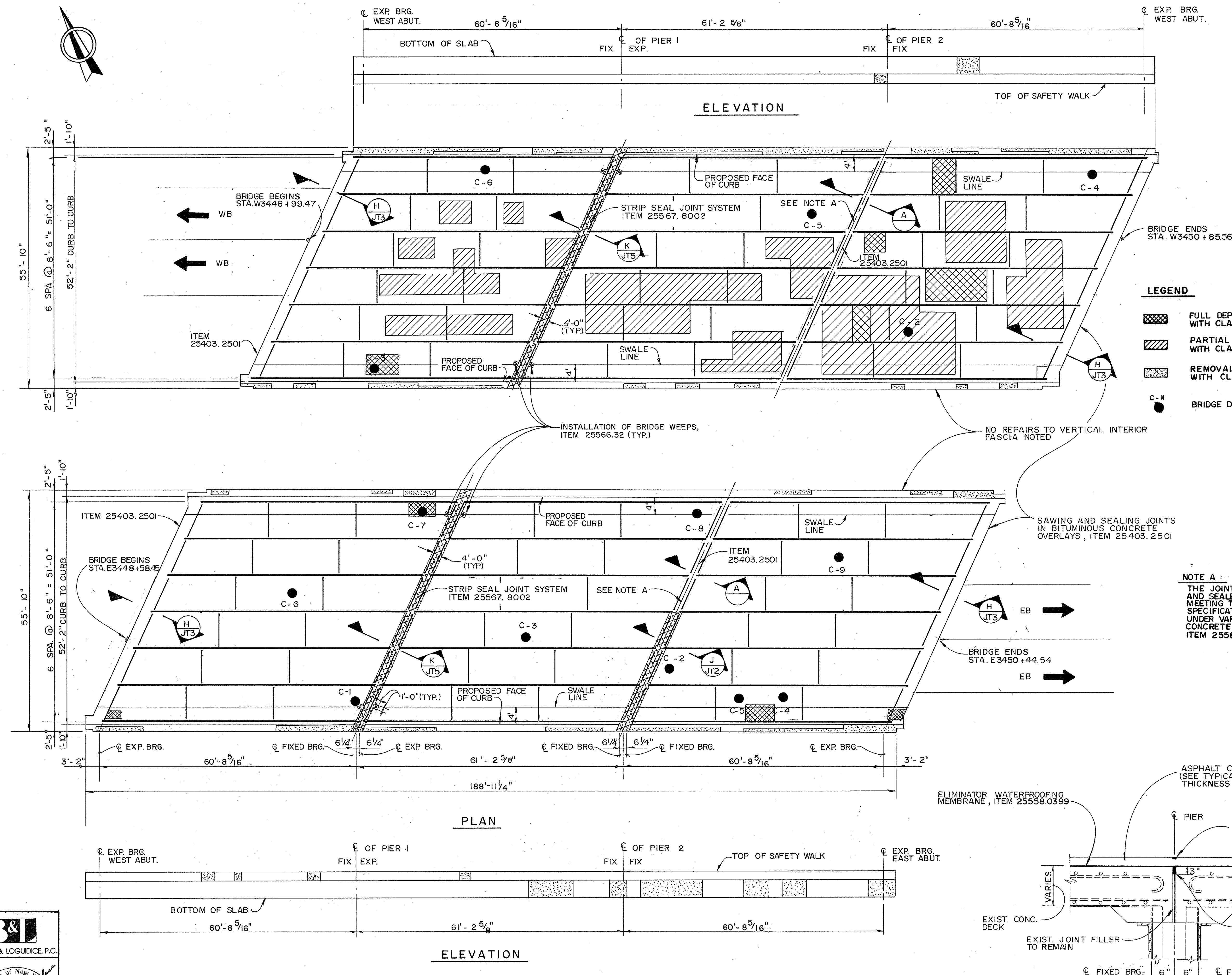
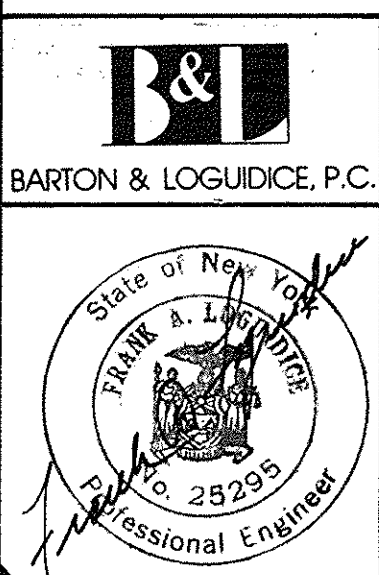


CHECKED BY: W. Paul Zindel

DRAFTED BY: M.E. Kozlowski

DESIGNED BY: Thomas C. Neale

IN CHARGE OF: Robert J. Hendrick



- NOTES:**
1. FOR FULL AND PARTIAL DEPTH REPAIR, DETAIL SEE DWG. MS-1
 2. FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-4
 3. FOR STRIP SEAL JOINT SYSTEM, SEE DWG. JT-5
 4. FOR DETAILS OF THE INSTALLATION OF BRIDGE WEEPS, SEE DWG. MS-3

- LEGEND**
- FULL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303
 - PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303
 - REMOVAL OF STRUCTURAL CONCRETE & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25582.06
 - BRIDGE DECK CORE LOCATION

NOTE A:
THE JOINT SHALL BE THOROUGHLY CLEANED FOR 3" DEPTH AND SEALED WITH PREMOULDED RESILIENT JOINT FILLER MEETING THE REQUIREMENTS OF SECTION 705-07 OF SPECIFICATIONS. THE COST OF THIS WORK SHALL BE INCLUDED UNDER VARIES ITEMS OF THE CONTRACT. ANY UNSOUND CONCRETE AT THE JOINT SHALL BE REPAIRED UNDER ITEM 25580.510303.

BIN 5516022 & BIN 5516021

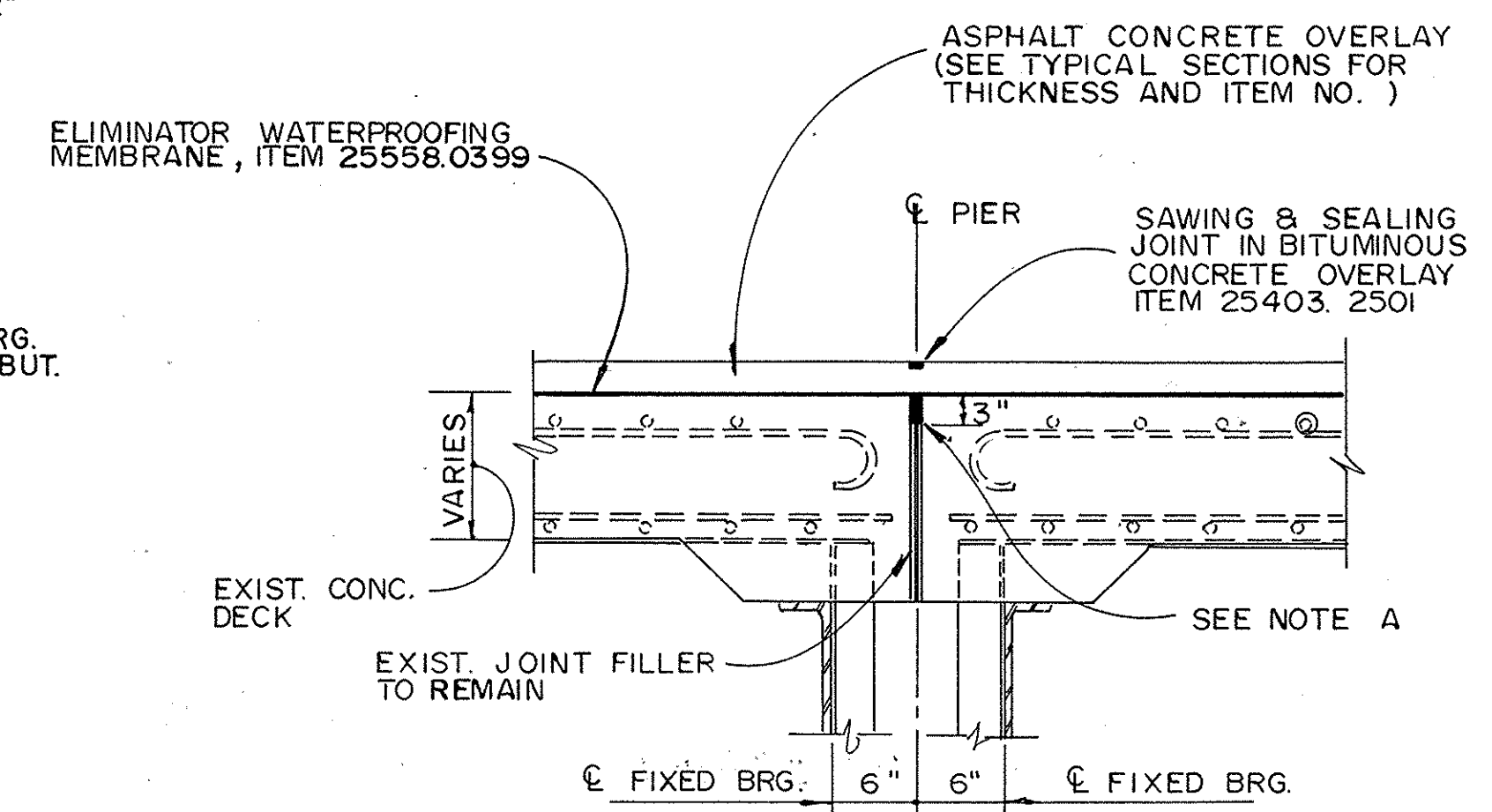
DATE	DESCRIPTION	BY	SYM.
	NO REVISIONS	BAL	

REVISIONS

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL AND OVERLAY
LOCATION OF PROJECT: M.P. 208.35 & M.P. 208.36
TITLE OF DRAWING: DECK REPAIR PLAN

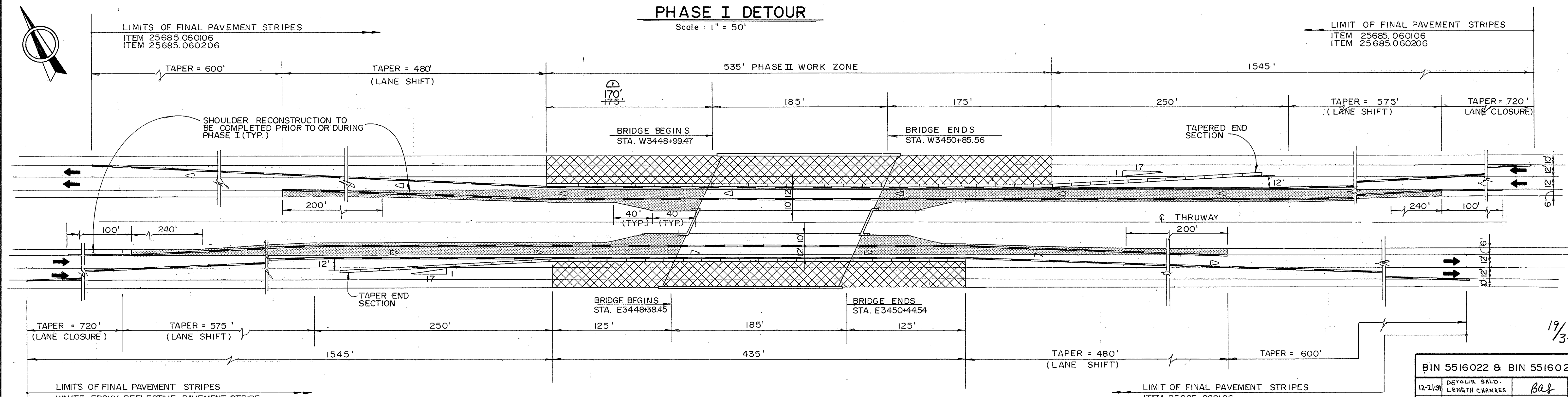
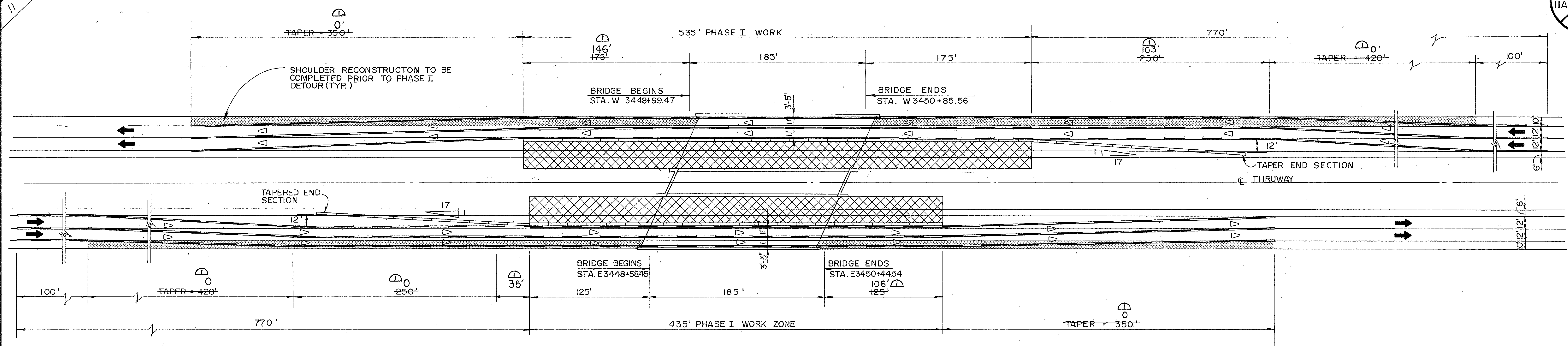
CONTRACT NUMBER: TAS 92-74B
DATE: SEPT, 1992
DRAWING NUMBER: DR-1



SECTION A
NTS

DECK REPAIR PLAN
Scale: 3/32" = 1'-0"
3/8" = 1'-0"

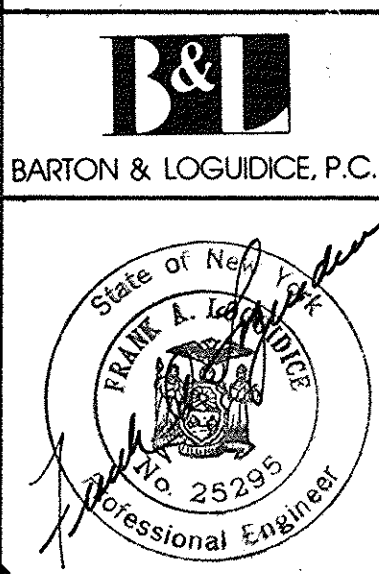
CHECKED BY: W. Jane Sidor
 DESIGNED BY: Thomas C. Walsh
 IN CHARGE OF: Robert J. Homaday



- NOTE:**
1. FOR SIGNING REFERENCES AND DRUM PLACEMENTS, SEE DWG. TTP-2
 2. FOR LANE CLOSURE SIGNING REFERENCES AND DRUM PLACEMENT, SEE DWG. TTP-4
 3. FOR USE OF ITEM 640.0102 AND ITEM 640.0202, SEE SPECIAL NOTE NO. 1 ON DWG. GN-1.

LEGEND

- TEMPORARY CONCRETE BARRIER, ITEM 25619.1701 WITH CONCRETE BARRIER MARKER, ITEM 25619.1704 SPACED @ 40' C-C IN TAPER SECTION AND 20' C-C IN TANGENT SECTION.
- YELLOW REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1906 (LEFT EDGE)
- WHITE REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1905 (RIGHT EDGE & C.)
- WORK ZONE
- LIMIT OF SHOULDER RECONSTRUCTION, SEE SHT. DWG. MIS-1 FOR DETAILS.



BIN 5516022 & BIN 5516021			
12-21-91	DETOUR BALD. LENGTH CHANGES	Bar	
REVISIONS NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209 TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL AND OVERLAY LOCATION OF PROJECT: M.P. 208.35 & M.P. 208.36 TITLE OF DRAWING: MAINTENANCE & PROTECTION OF TRAFFIC			
DATE	DESCRIPTION	BY	SYM.
CONTRACT NUMBER: TAS 92-74B DATE: SEPT, 1992 DRAWING NUMBER: MPT-1R			

SUGGESTED SEQUENCE OF WORK (M.P. 210.62 & M.P. 210.63)

1. ESTABLISH SHORT-TERM CLOSURE OF DRIVING LANE AND/OR ACCELERATION LANE AND CONSTRUCT HEAVY DUTY SHOULDER.

2. ESTABLISH PHASE I DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, DRUMS AND TEMPORARY CONCRETE BARRIER.

PHASE I WORK

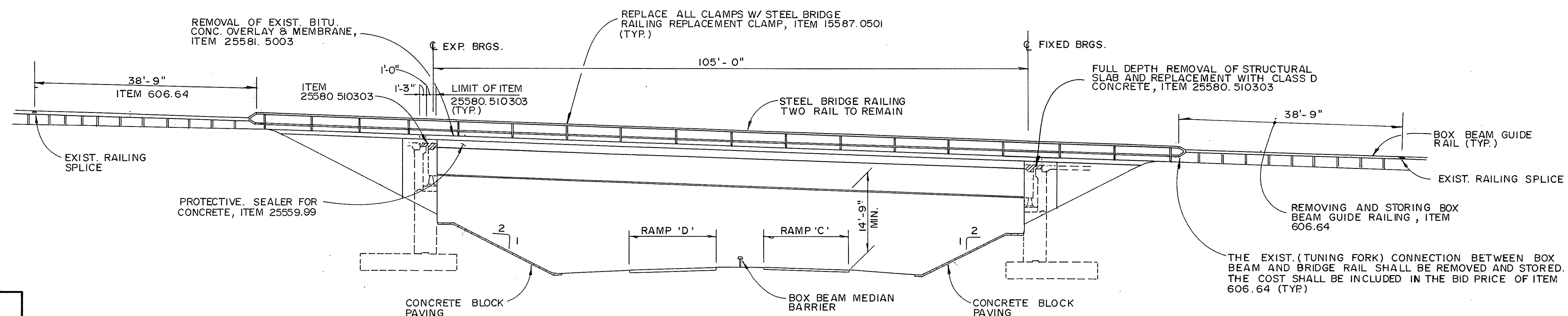
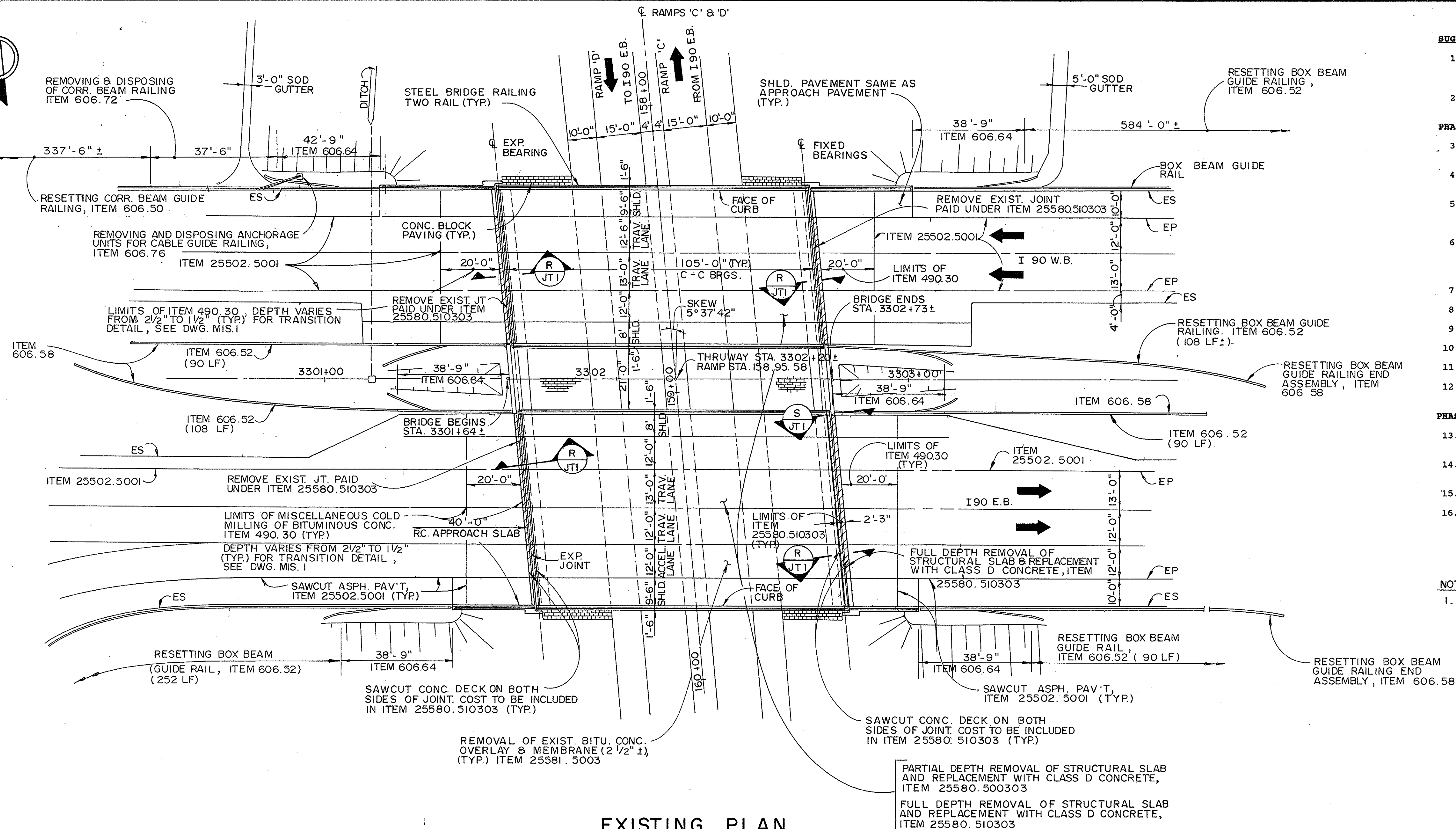
3. SAW CUT ASPHALT CONCRETE PAVEMENT AND COMPLETELY REMOVE BITUMINOUS CONCRETE OVERLAY AND MEMBRANE FROM THE BRIDGE.
4. SAW CUT AND COLD MILL ASPHALT CONCRETE APPROACH PAVEMENT WITHIN THE LIMITS INDICATED.
5. SAW CUT CONCRETE ON BOTH SIDES OF THE JOINT AT EAST AND WEST ABUTMENTS AND REMOVE THE EXISTING JOINT SYSTEMS AND SURROUNDING CONCRETE.
6. COMPLETE PARTIAL AND FULL DEPTH REPAIRS TO THE STRUCTURAL SLAB. REMOVE UNSOUND CONCRETE FROM FASCIA AND REPLACE WITH CLASS D CONCRETE. APPLY PROTECTIVE SEALER FOR CONCRETE TO THE FASCIAS.
7. INSTALL THE PROPOSED JOINT SYSTEMS.
8. INSTALL MEMBRANE WATERPROOFING SYSTEM.
9. COMPLETE HEAVY DUTY SHOULDERS ON MEDIAN SIDE.
10. PAVE WITH ASPHALT CONCRETE BOTH THE BRIDGE AND THE APPROACHES.
11. SAW CUT AND SEAL JOINTS IN BITUMINOUS CONCRETE OVERLAYS.
12. UPGRADE TWO RAIL TO BOX BEAM TRANSITION SECTION WITH TWO RAIL BRIDGE RAIL SYSTEM.


PHASE II WORK

13. ESTABLISH PHASE II DETOUR UTILIZING SIGNS, REMOVABLE STRIPPING, DRUMS AND TEMPORARY CONCRETE BARRIER.
14. PERFORM STEPS (3) THROUGH (8) AND (10) THROUGH (12) WITHIN THE PHASE II WORK ZONE.
15. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.
16. INSTALL FINAL PAVEMENT MARKINGS USING SHORT-TERM CLOSURES.

NOTE:

1. FOR SHOULDER RECONSTRUCTION DETAIL,
SEE DWG. MIS-1.



BIN 2510001 & BIN 2510002			
NO REVISIONS		Baf	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL AND OVERLAY			
LOCATION OF PROJECT M.P. 210.62 & M.P. 210.63			
TITLE OF DRAWING EXISTING PLAN & ELEVATION			
		CONTRACT NUMBER: TAS 92-74 B	
		DATE: SEPT., 1992	
		DRAWING NUMBER: EP-2	

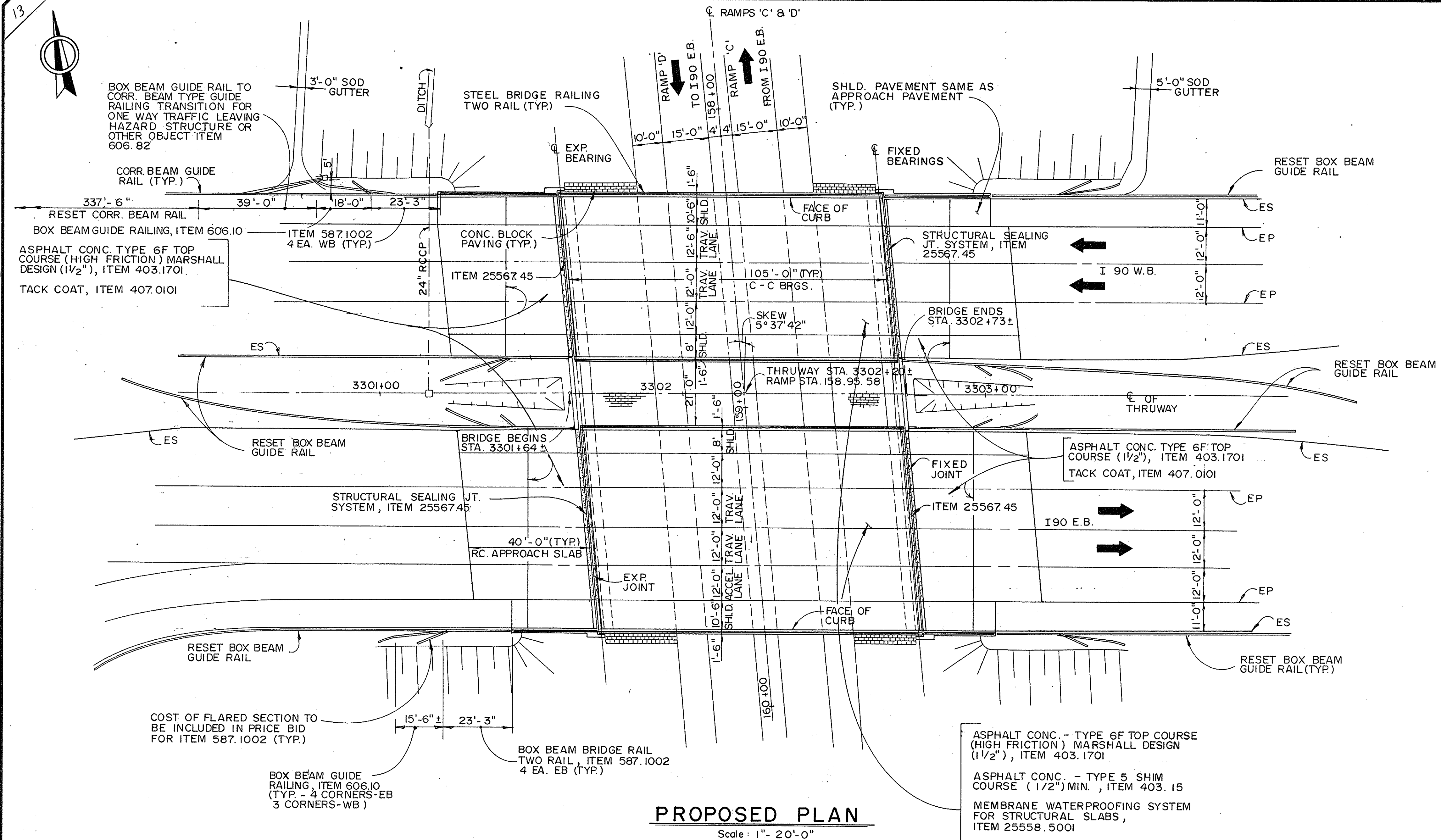
DESIGNED BY: *W. J. Lane*

CHECKED BY: *M. E. Knapik*

DRAFTED BY: *M. E. Knapik*

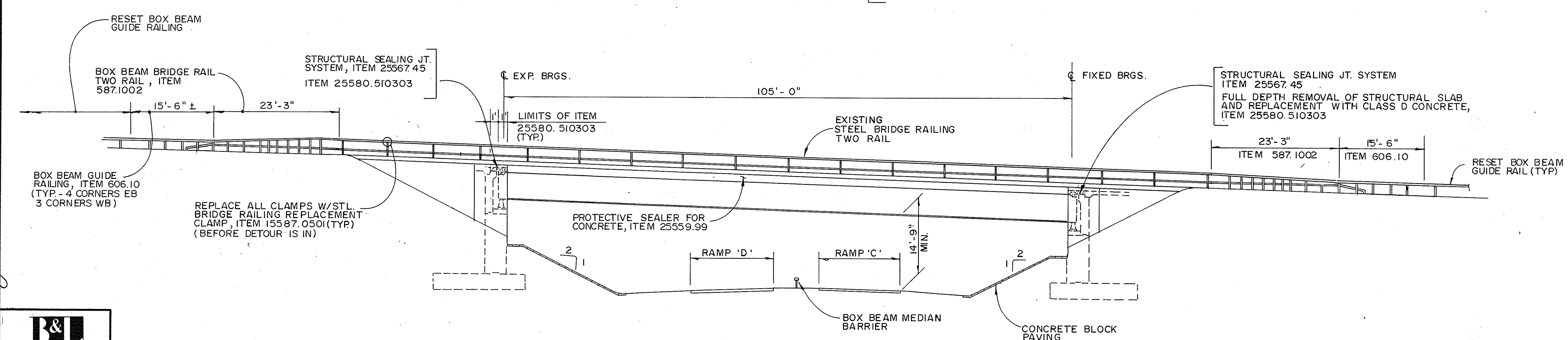
DESIGNED BY: *Thomas C. Walsh*

IN CHARGE OF: *Robert J. Knapik*



PROPOSED PLAN

Scale: 1" = 20'-0"



ELEVATION

Scale: 1" = 10'-0"

PROPOSED LOAD RATINGS		
MEMBER	BIN 5510001 (M.P. 210.62 WB)	
	INVENTORY	OPERATING
INTERIOR	HS 19.4 (35.0 TON)*	HS 38.3 (69.0 TON)*
	H 23.2 (23.2 TON)	H 45.7 (45.7 TON)
EXTERIOR FASCIA	HS 29.5 (53.1 TON)	HS 50.9 (91.6 TON)
	H 35.2 (35.2 TON)	H 60.7 (60.7 TON)
MEDIAN FASCIA	HS 29.5 (53.1 TON)	HS 50.9 (91.6 TON)
	H 35.2 (35.2 TON)	H 60.7 (60.7 TON)
SAFE LOAD CAPACITY	45.7 TONS	
MEMBER	BIN 5510002 (M.P. 210.63 E.B.)	
	INVENTORY	OPERATING
INTERIOR	HS 20.8 (37.4 TON)	HS 39.9 (71.8 TON)
	H 24.8 (24.8 TON)	H 47.6 (47.6 TON)
EXTERIOR FASCIA	HS 31.6 (56.9 TON)	HS 53.5 (96.3 TON)
	H 37.7 (37.7 TON)	H 63.9 (63.9 TON)
MEDIAN FASCIA	HS 31.6 (56.9 TON)	HS 53.5 (96.3 TON)
	H 37.7 (37.7 TON)	H 63.9 (63.9 TON)
SAFE LOAD CAPACITY	47.6 TONS	

*MEMBER SHOWS NO SIGNS OF DISTRESS.

NOTES:

1. FOR LIMITS OF SHOULDER RECONSTRUCTION, SEE DWG. MPT-2
2. FOR SHOULDER RECONSTRUCTION DETAIL, SEE DWG. MIS-1
3. FOR FULL AND PARTIAL DEPTH REPAIR DETAILS, SEE DWG. MIS-1
4. FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-3 AND JT-4

BIN 5510001 & BIN 5510002

NO REVISIONS	BY
	Bat

DATE	DESCRIPTION	BY	SYM.
------	-------------	----	------

REVISIONS

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12208

TITLE OF PROJECT: **BRIDGE DECK STRIP, SEAL AND OVERLAY**

LOCATION OF PROJECT: **M.P. 210.62 & M.P. 210.63**

TITLE OF DRAWING: **PROPOSED PLAN & ELEVATION**

CONTRACT NUMBER: **TAS 92-74B**

DATE: **SEPT., 1992**

DRAWING NUMBER: **PP-2**

IN CHARGE OF: *Robert J. Knapik*

DESIGNED BY: *Thomas C. Walsh*

CHECKED BY: *M. E. Knapik*

DRAFTED BY: *M. E. Knapik*

IN CHARGE OF: *Robert J. Knapik*

DESIGNED BY: *Thomas C. Walsh*

CHECKED BY: *M. E. Knapik*

DRAFTED BY: *M. E. Knapik*

IN CHARGE OF: *Robert J. Knapik*

DESIGNED BY: *Thomas C. Walsh*

CHECKED BY: *M. E. Knapik*

DRAFTED BY: *M. E. Knapik*

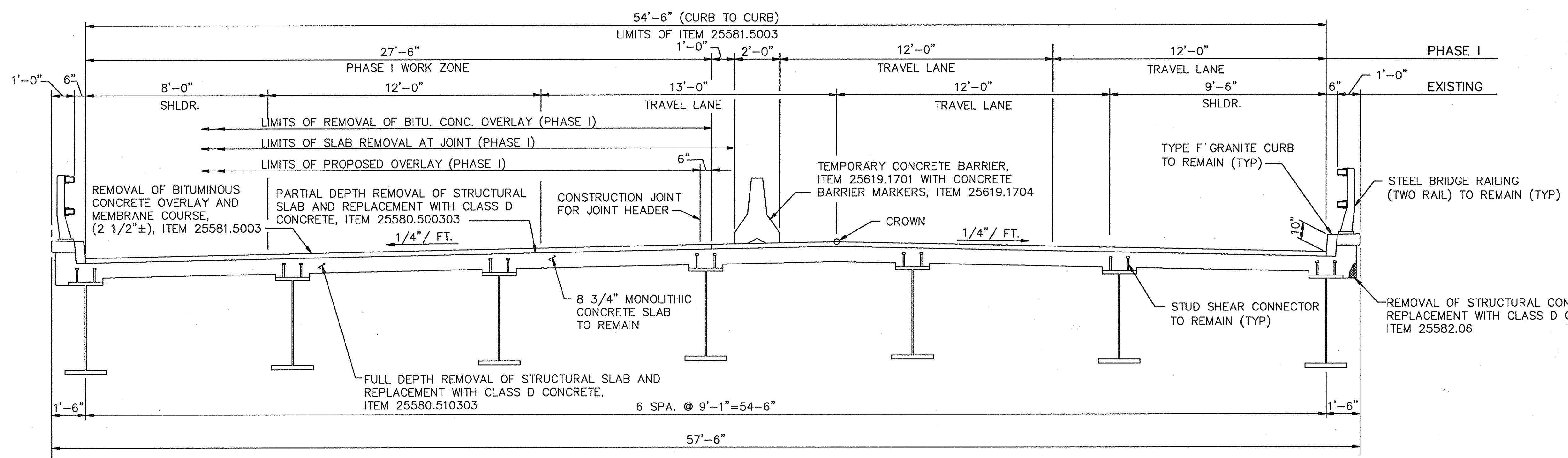
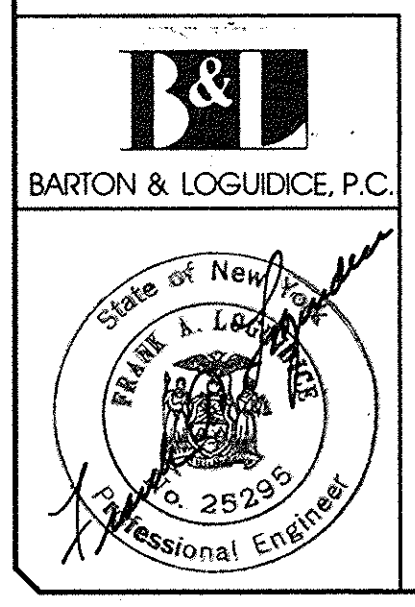


CHECKED BY: *W. Paul Gabor*

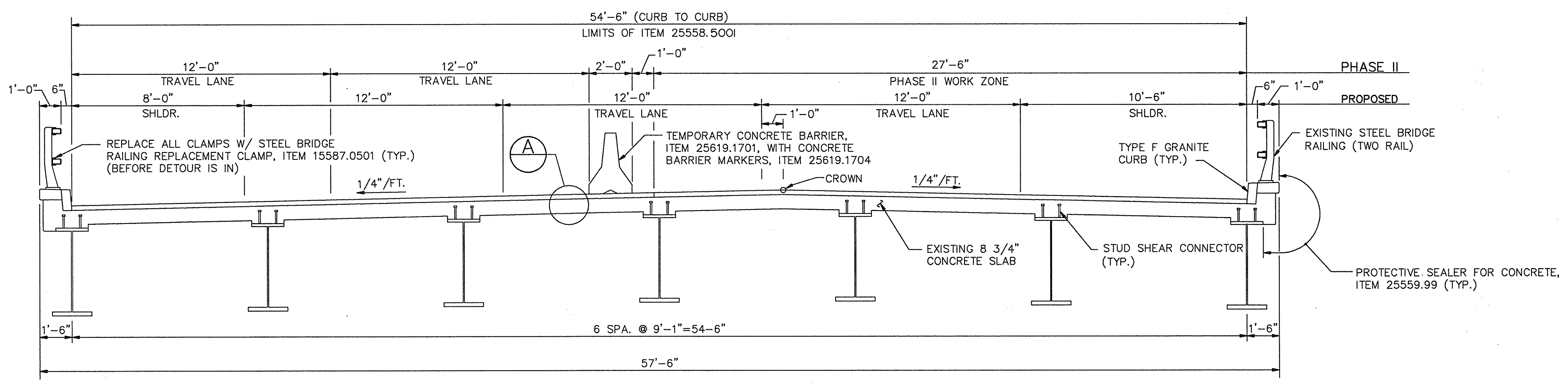
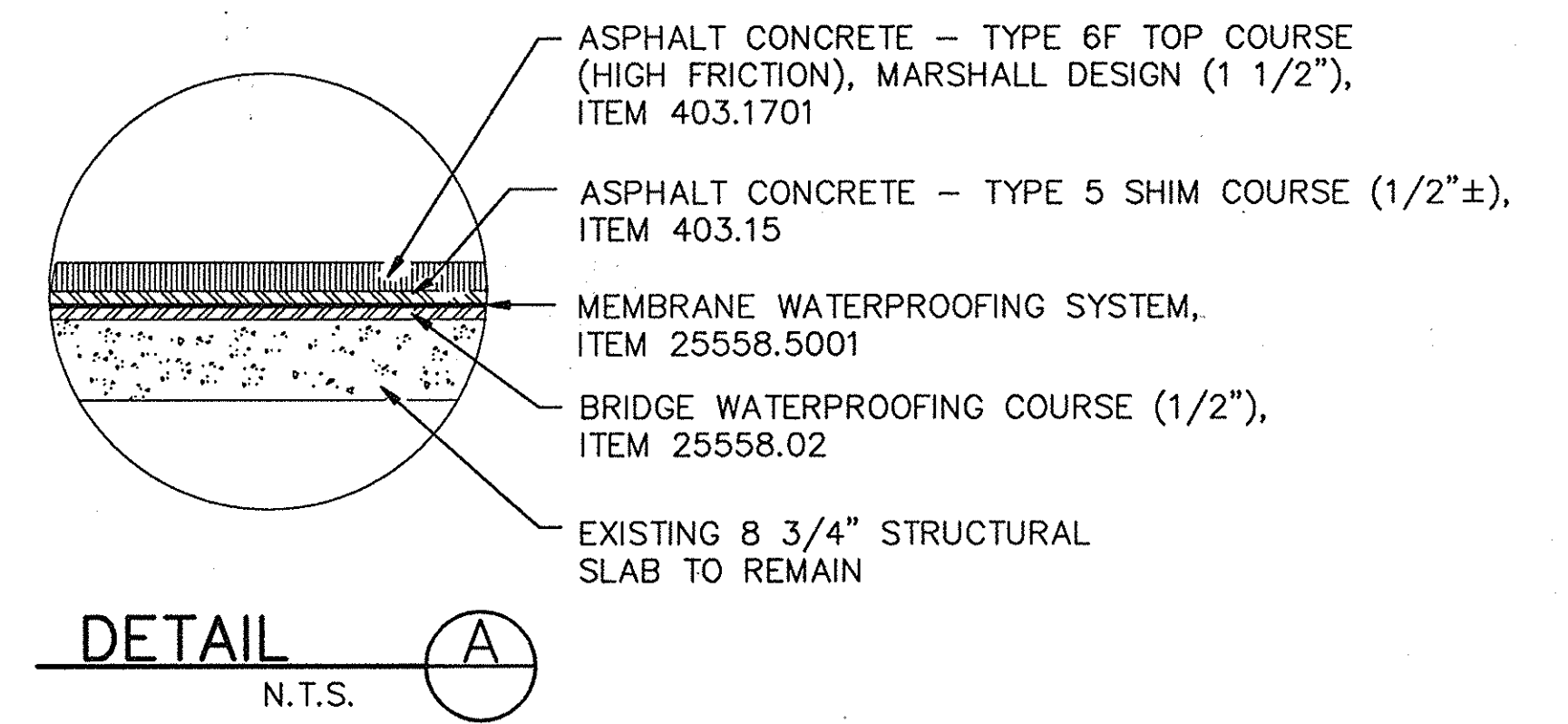
DRAFTED BY: *H.E. Kowalski*

DESIGNED BY: *Thomas C. Head*

IN CHARGE OF: *Robert R. Hummel*



EXISTING BRIDGE SECTION
SCALE: 3/8" = 1' - 0"
(W.B. LOOKING WEST)



PROPOSED BRIDGE SECTION
SCALE: 3/8" = 1' - 0"
(W.B. LOOKING WEST)

NOTES:
1. FOR PARTIAL AND FULL DEPTH REPAIR DETAILS, SEE DWG MIS-1.

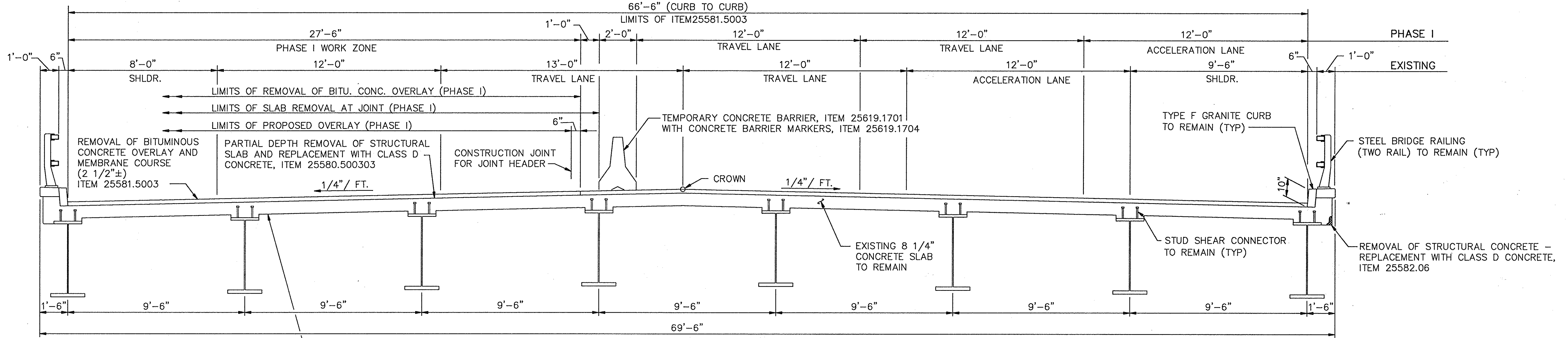
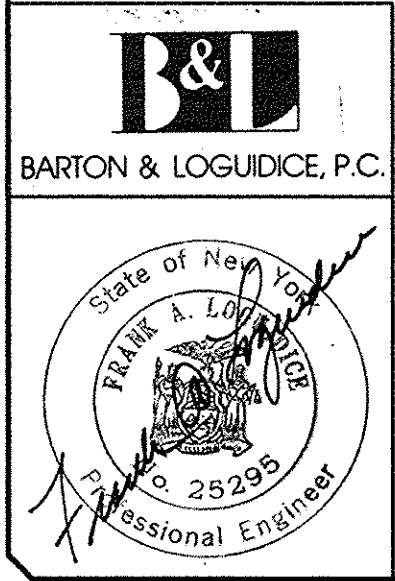
BIN 5510001			
NO REVISIONS	By		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 210.62			
TITLE OF DRAWING TYPICAL SECTIONS - W.B.			
		CONTRACT NUMBER:	TAS 92-74B
		DATE:	SEPT. 1992
		DRAWING NUMBER:	TS-2A

CHECKED BY: *W. Paul Sydel*

DRAFTED BY: *H.E. Krawinkel*

DESIGNED BY: *Thomas C. Hark*

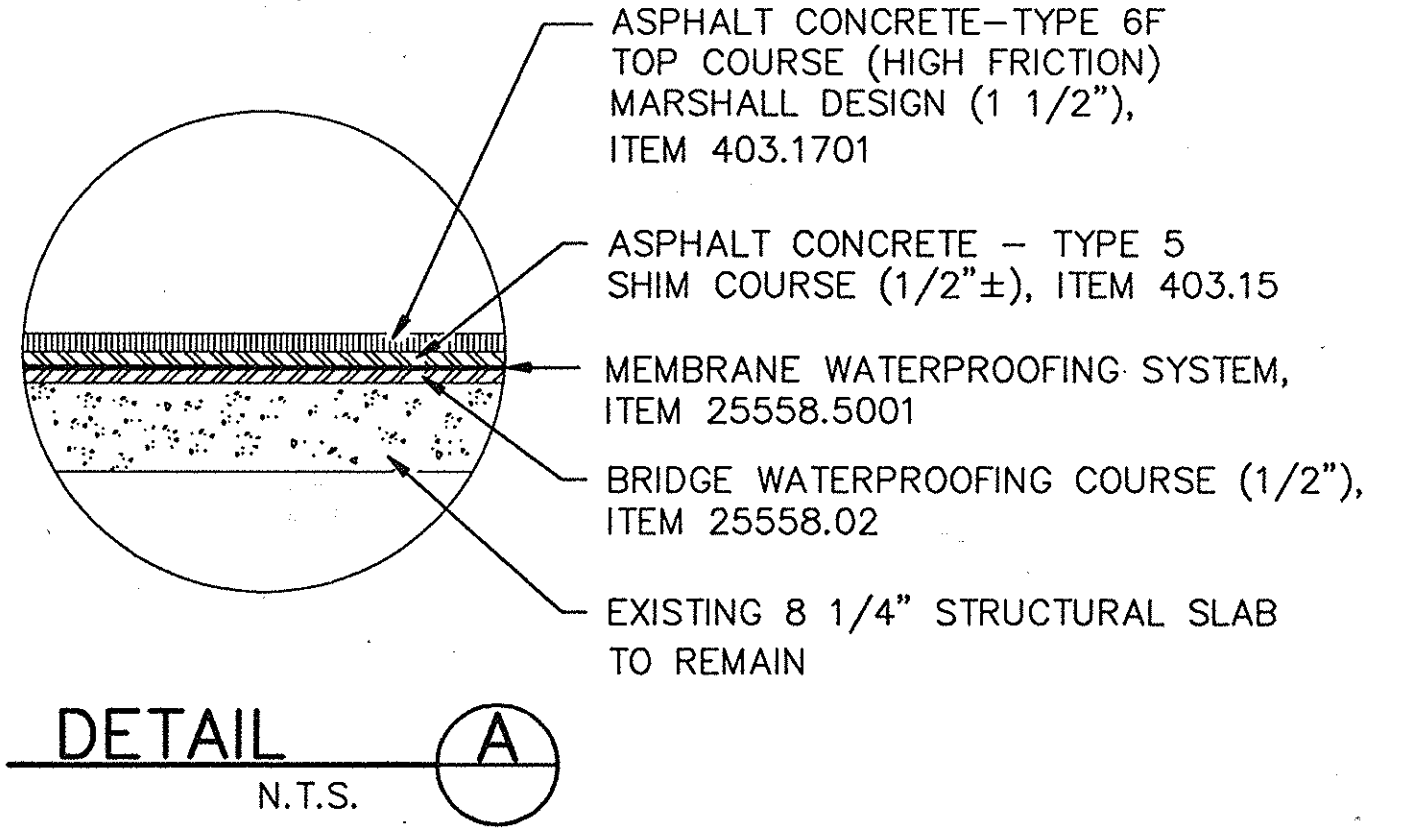
IN CHARGE OF: *Robert H. Kennedy*



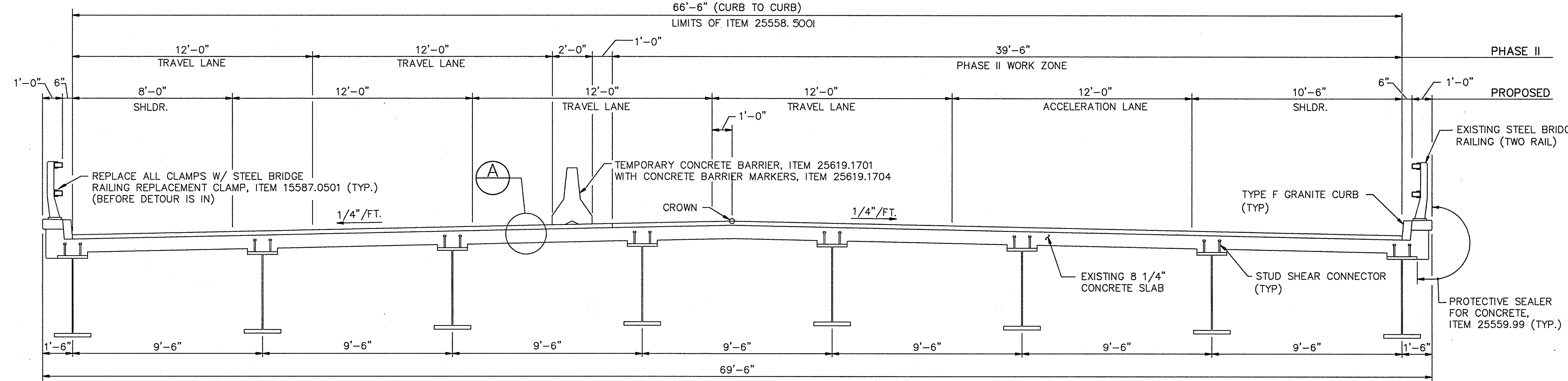
EXISTING BRIDGE SECTION

SCALE: 3/8" = 1' - 0"

(E.B. LOOKING EAST)



DETAIL A
N.T.S.




PROPOSED BRIDGE SECTION

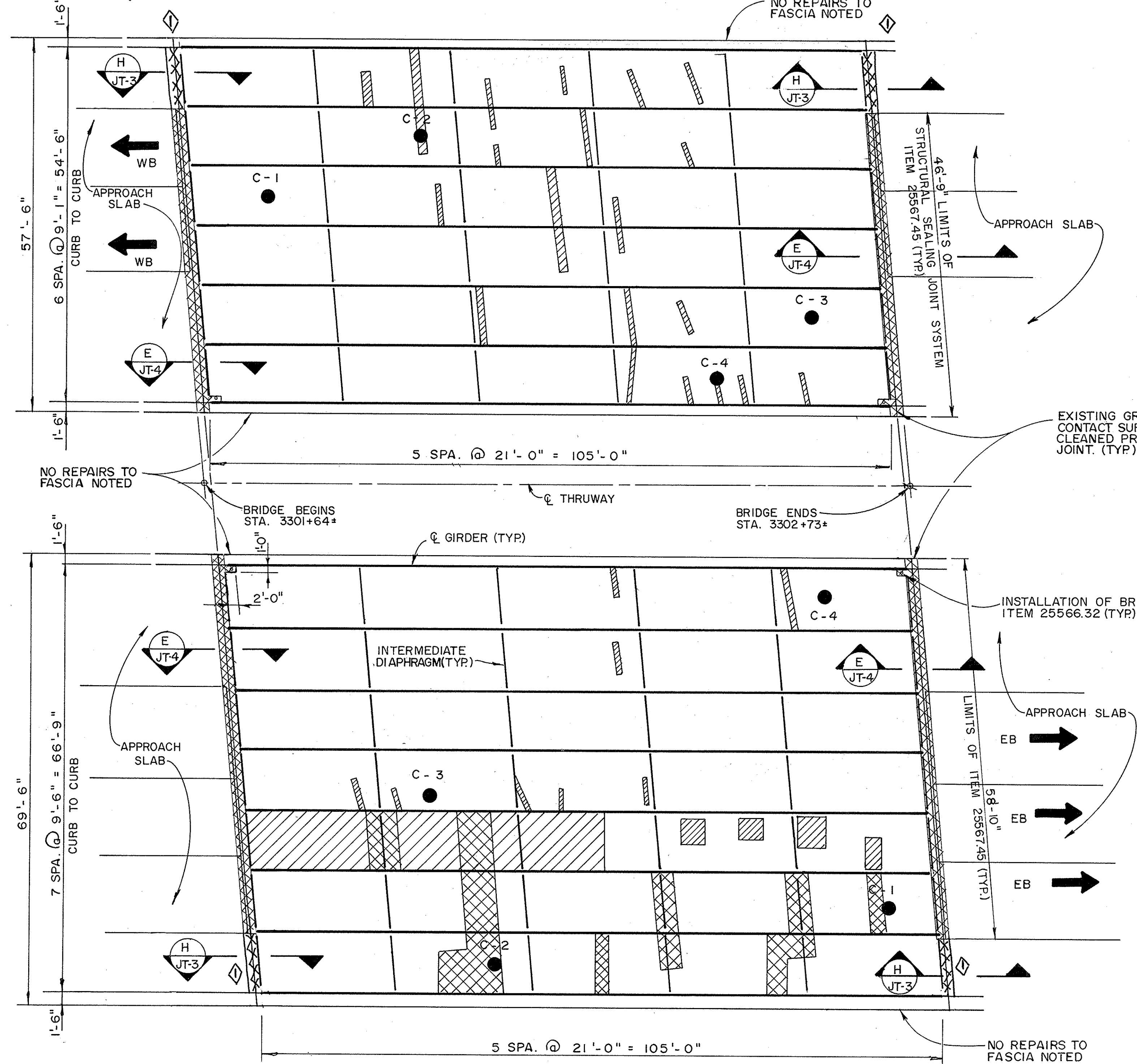
SCALE: 3/8" = 1' - 0"

(E.B. LOOKING EAST)

NOTES:
1. FOR PARTIAL AND FULL DEPTH REPAIR DETAILS,
SEE DWG MIS-1.

BIN 5510002			
NO REVISIONS		Baf	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 210.63			
TITLE OF DRAWING			
TYPICAL SECTIONS — E.B.			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: SEPT. 1992	
		DRAWING NUMBER: TS-2B	

DESIGNED BY: *Thomas C. Reed*
 DRAFTED BY: *M.E. Knowlton*
 CHECKED BY: *V. Jane Zedler*
 IN CHARGE OF: *Robert Kennedy*



DECK REPAIR PLAN
Scale: 3/32" = 1'-0"

LEGEND

- FULL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303
- PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303
- REMOVAL OF STRUCTURAL CONCRETE & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25582.06
- C - #
BRIDGE DECK CORE LOCATION

NOTES:

1. FOR FULL AND PARTIAL DEPTH REPAIR DETAIL, SEE DWG. MIS - 1.
2. FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-3 AND JT-4.
3. FOR DETAILS OF THE INSTALLATION OF BRIDGE WEEPS, SEE DWG. MIS - 3.



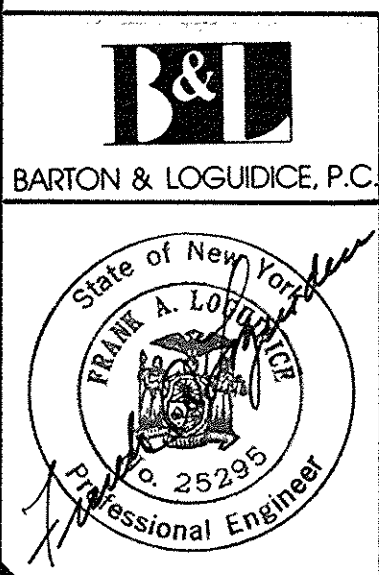
BIN 5510001 & BIN 5510002			
NO. OF REVISIONS	DATE	BY	SYM.
1		BAJ	
2		BAJ	
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL AND OVERLAY			
LOCATION OF PROJECT: M.P. 210.62 & M.P. 210.63			
TITLE OF DRAWING: DECK REPAIR PLAN			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: SEPT., 1992	
		DRAWING NUMBER: DR-2R-	

CHECKED BY: *W. Paul Zoller*

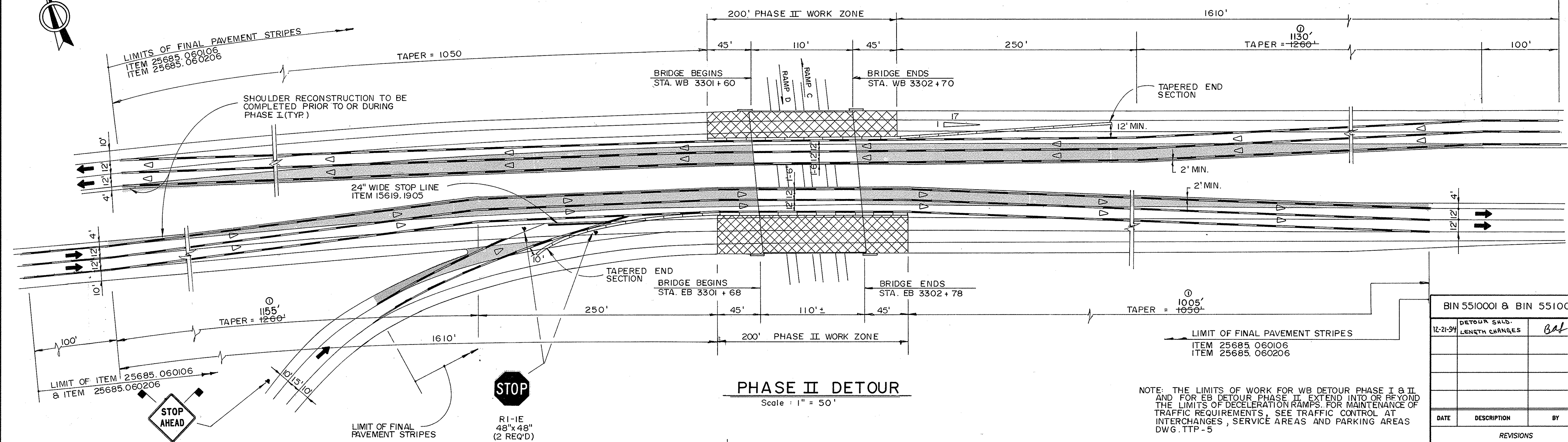
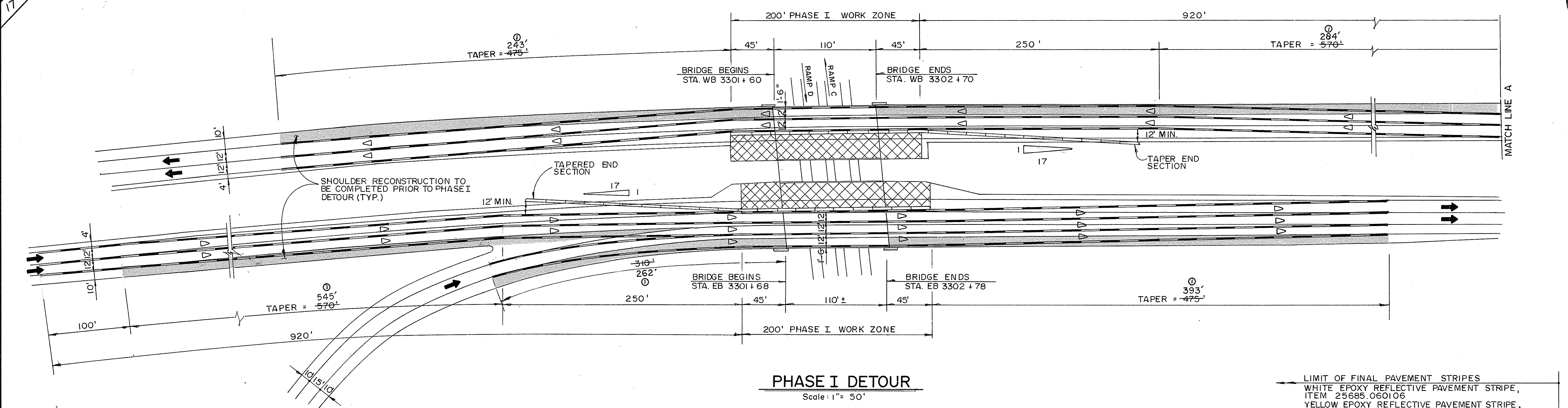
DRAFTED BY: *M.E. Krasinski*

DESIGNED BY: *Thomas C. Red*

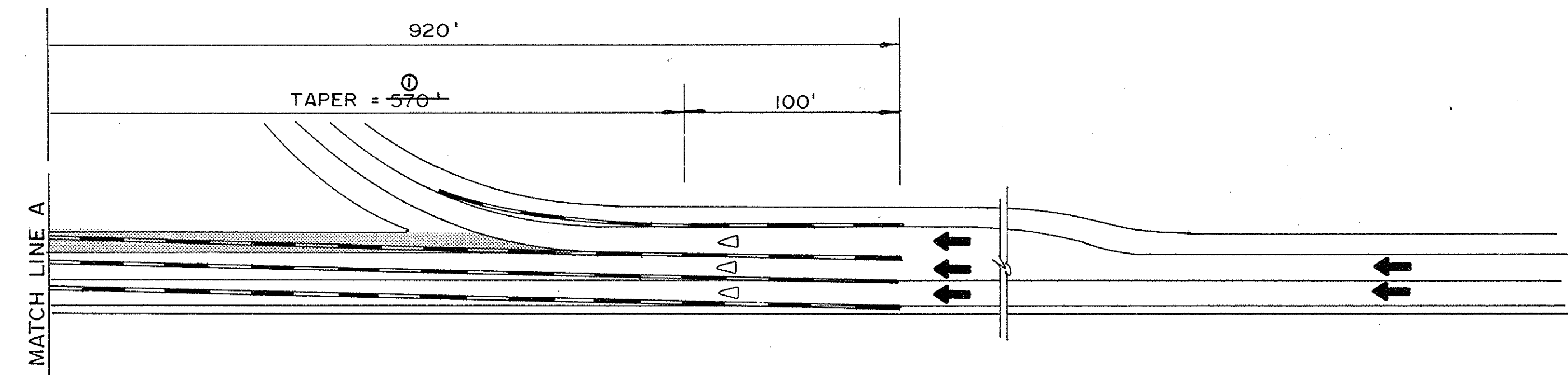
IN CHARGE OF: *Robert W. Amadio*



BARTON & LOGUIDICE, P.C.



- LEGEND**
- TEMPORARY CONCRETE BARRIER, ITEM 25619.1701 WITH CONCRETE BARRIER MARKER, ITEM 25619.1704 SPACED @ 40' c-c IN TAPER SECTION AND 20' c-c IN TANGENT SECTION
 - YELLOW REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1906 (LEFT EDGE)
 - WHITE REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1905 (RIGHT EDGE & C)
 - WORK ZONE
 - LIMIT OF SHOULDER RECONSTRUCTION, SEE SHT. MIS-1 FOR DETAILS

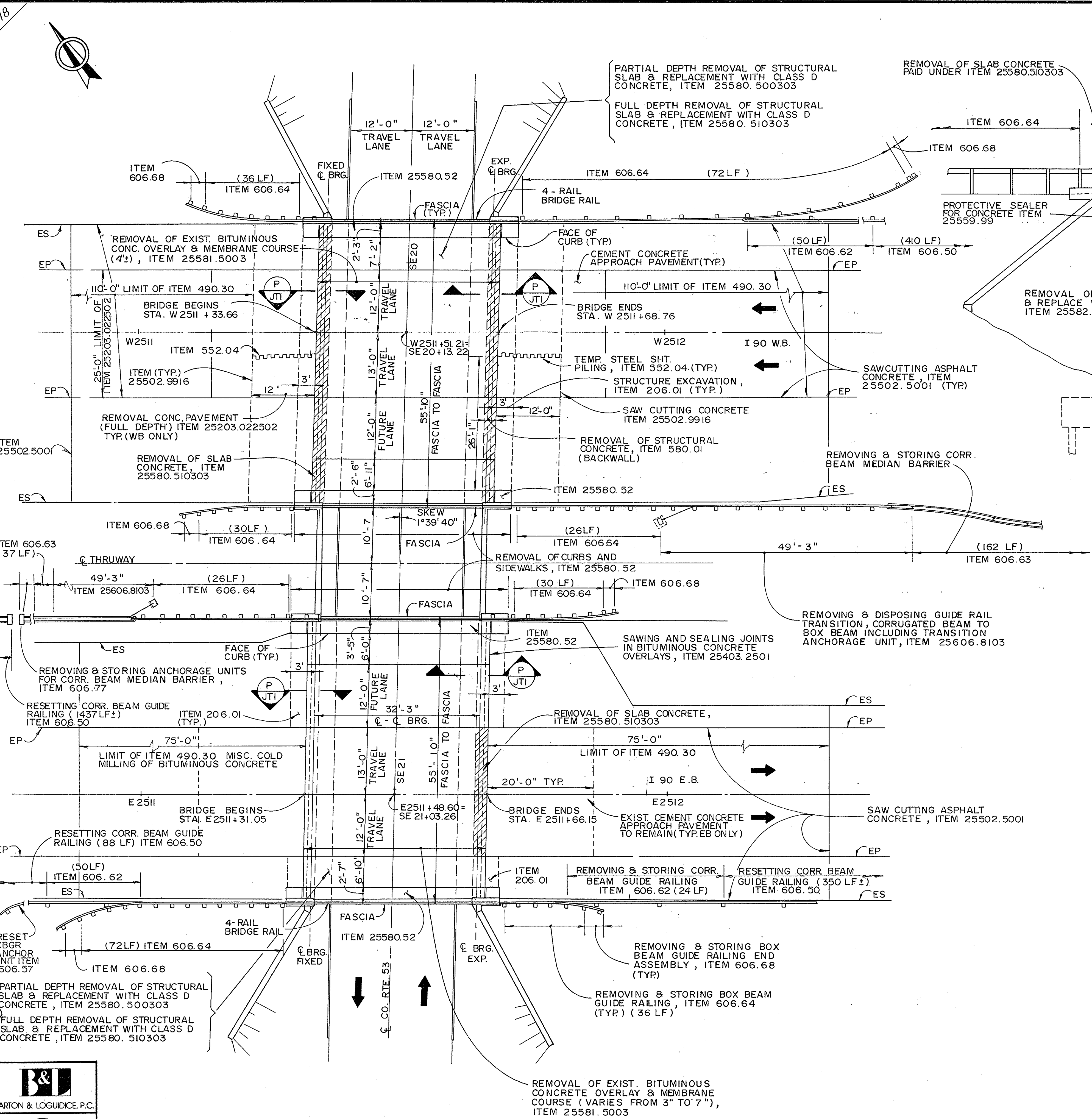


NOTE: THE LIMITS OF WORK FOR WB DETOUR PHASE I & II AND FOR EB DETOUR PHASE II EXTEND INTO OR BEYOND THE LIMITS OF DECELERATION RAMP. FOR MAINTENANCE OF TRAFFIC REQUIREMENTS, SEE TRAFFIC CONTROL AT INTERCHANGES, SERVICE AREAS AND PARKING AREAS DWG. TTP-5

NOTE:
FOR SIGNING REFERENCES AND DRUM PLACEMENTS, SEE DWG. TTP-2

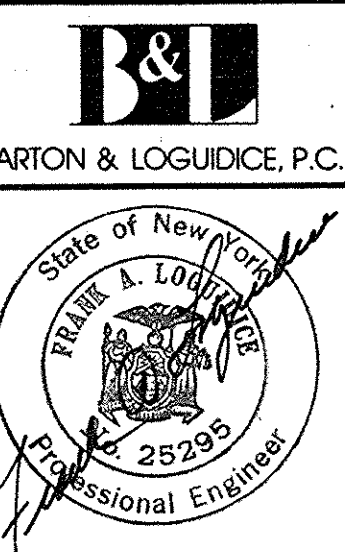
BIN 5510001 & BIN 5510002			
12-21-94	DETOUR SCHED. LENGTH CHANGES	Bel	0
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL AND OVERLAY			
LOCATION OF PROJECT M.P. 210.62 & M.P. 210.63			
TITLE OF DRAWING MAINTENANCE & PROTECTION OF TRAFFIC			
DATE	DESCRIPTION	BY	SYM.
CONTRACT NUMBER: TAS 92-74B			
DATE: SEPT, 1992			
DRAWING NUMBER: MPT-2R			

CHECKED BY: *W. Paul Gubel*
DRAFTED BY: *M.E. Kowalski*
DESIGNED BY: *Thomas C. Hall*
IN CHARGE OF: *Robert J. Harnady*



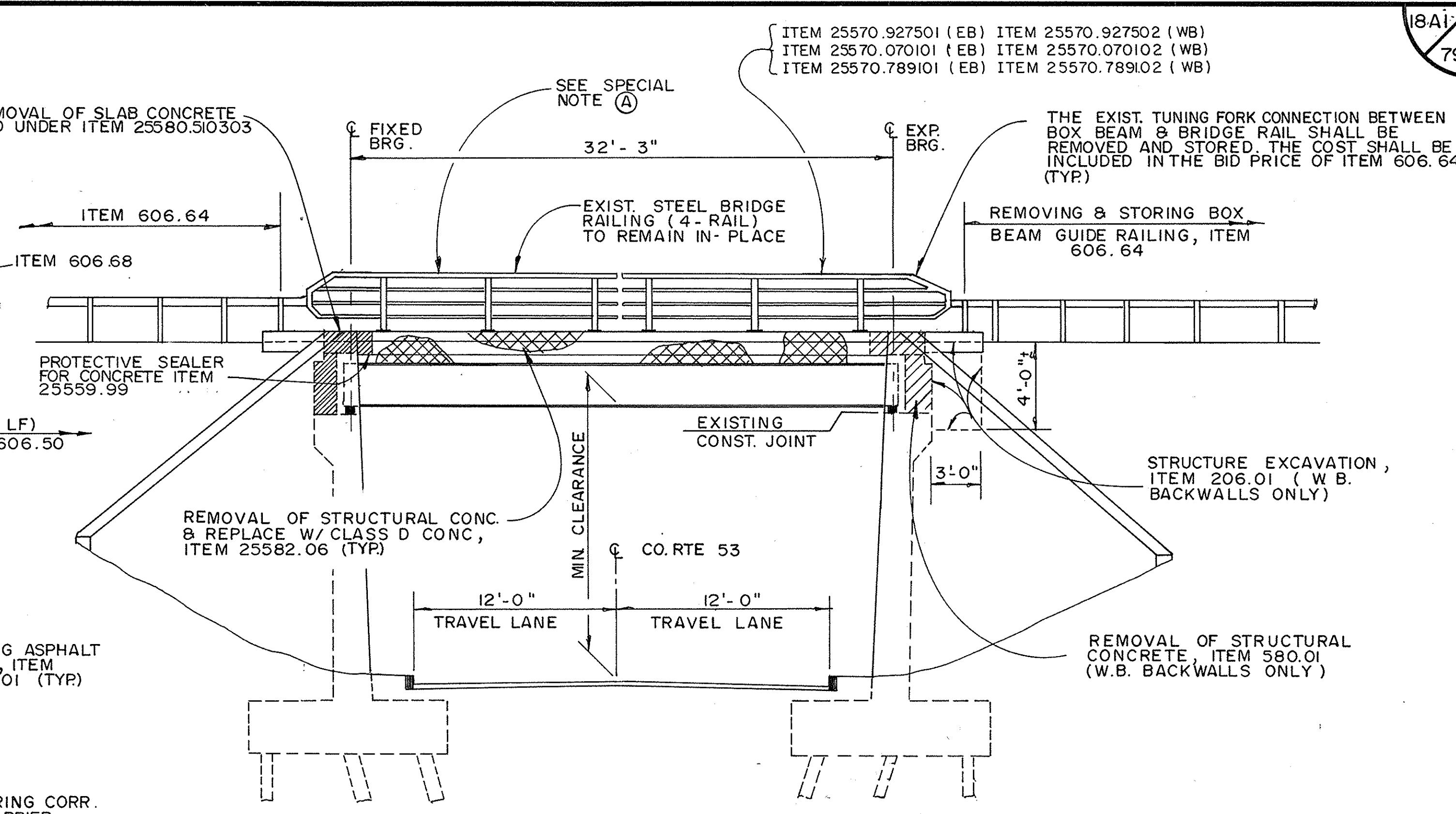
EXISTING PLAN

Scale: 1" = 10'-0"



ELEVATION

Scale: 3/16" = 1'-0"



SPECIAL NOTE A1:

THE EXISTING FOUR (4) RAIL BRIDGE RAILING SHALL BE THOROUGHLY CLEANED AND PAINTED PRIOR TO ATTACHING THE THREE BEAM GUIDE RAILING. THE THREE BEAM GUIDE RAILING UPGRADE SHALL BE INSTALLED PRIOR INITIATING THE DETOUR PHASES. THE EXISTING FOUR (4) RAIL BRIDGE RAIL IS TO BE CLEANED AND PAINTED WITH THE COLLECTION, DISPOSAL AND TREATMENT OF THE PAINT WASTE TO BE PAID UNDER THE FOLLOWING ITEMS:

- HAND AND POWER TOOL CLEAN & REPAINT BRIDGE RAIL (NON-GAL) ITEM 25570.927501 (EB) AND ITEM 25570.927502 (WB).
- ENVIRONMENTAL GROUND PROTECTION, COLLECTION AND PACKAGING ITEM 25570.070101 (EB) AND ITEM 25570.070102 (WB).
- TREATMENT AND DISPOSAL OF PAINT REMOVAL WASTE ITEM 25570.789101 (EB) AND ITEM 25570.789102 (WB)

SUGGESTED SEQUENCE OF WORK (M.P. 225.48 & M.P. 225.49)

1. ESTABLISH SHORT-TERM LANE CLOSURE OF BOTH THE EB AND WB DRIVING LANES.
 2. CONSTRUCT HEAVY DUTY SHOULDERS AND UPGRADE EXISTING RAILING ON THE BRIDGE AND APPROACHES.
 3. ESTABLISH PHASE-I DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, BARRICADES AND TEMPORARY CONCRETE BARRIER.
- PHASE I WORK**
4. SAW CUT ASPHALT CONCRETE PAVEMENT AND COMPLETELY REMOVE BITUMINOUS CONCRETE OVERLAY AND MEMBRANE FROM THE BRIDGE.
 5. SAW CUT AND COLD MILL ASPHALT CONCRETE APPROACH PAVEMENT WITHIN THE LIMITS INDICATED.
 6. SAW CUT AND INSTALL TEMPORARY STEEL SHEET PILING, PARTIALLY REMOVE WB CONCRETE APPROACH PAVEMENT AND EXCAVATE BEHIND THE WB BACKWALLS. EXCAVATE BEHIND THE EB BACKWALL IN THE SHOULDER AREAS ONLY.
 7. PROVIDE A TRANSVERSE SAW CUT AND REMOVE THE END TWO FEET AT EACH END OF THE WB STRUCTURAL SLAB.
 8. REMOVE AND REPLACE THE WB BACKWALLS IN THEIR ENTIRETY.
 9. COMPLETE PARTIAL AND FULL DEPTH REPAIRS TO THE STRUCTURAL SLAB. REMOVE UNSOUND CONCRETE AND REPLACE WITH CLASS D CONCRETE WITH IN THE LIMITS INDICATED FOR BOTH MEDIAN SIDE FASCIAS, APPLY PROTECTIVE SEALER FOR CONCRETE ON BOTH FASCIAS. INSTALL STRUCTURAL SEALING JOINT AT BOTH WB JOINTS AND THE EAST ABUT. OF THE EB.
 10. BACKFILL BEHIND BOTH WB BACKWALLS, PLACE SUBBASE COURSE, POUR WB APPROACH SLABS, INSTALL MEMBRANE WATERPROOFING SYSTEM AND BACKFILL BEHIND EB BACKWALLS.
 11. COMPLETE HEAVY DUTY SHOULDERS ON MEDIAN SIDE
 12. PAVE WITH ASPHALT CONCRETE BOTH THE BRIDGE AND THE APPROACHES.
 13. COMPLETE UPGRADING OF THE EXISTING BRIDGE RAILING AND APPROACH RAILINGS
- PHASE II WORK**
14. ESTABLISH PHASE-II DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, BARRICADES AND TEMPORARY CONCRETE BARRIER.
 15. PERFORM STEPS (4) THROUGH (13) WITH IN THE PHASE II WORK ZONE.
 16. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.
 17. INSTALL FINAL PAVEMENT MARKINGS USING SHORT-TERM LANE CLOSURES

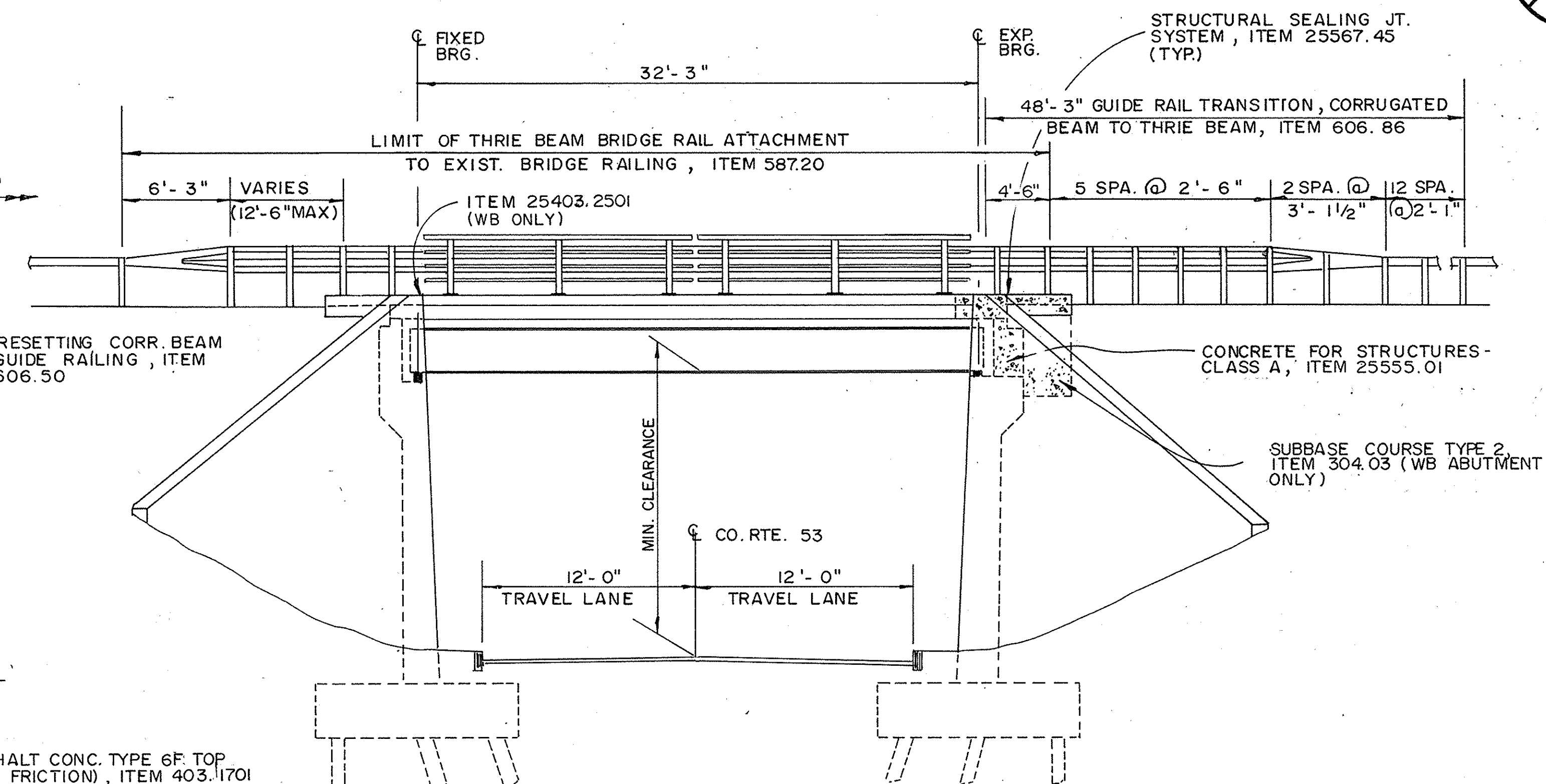
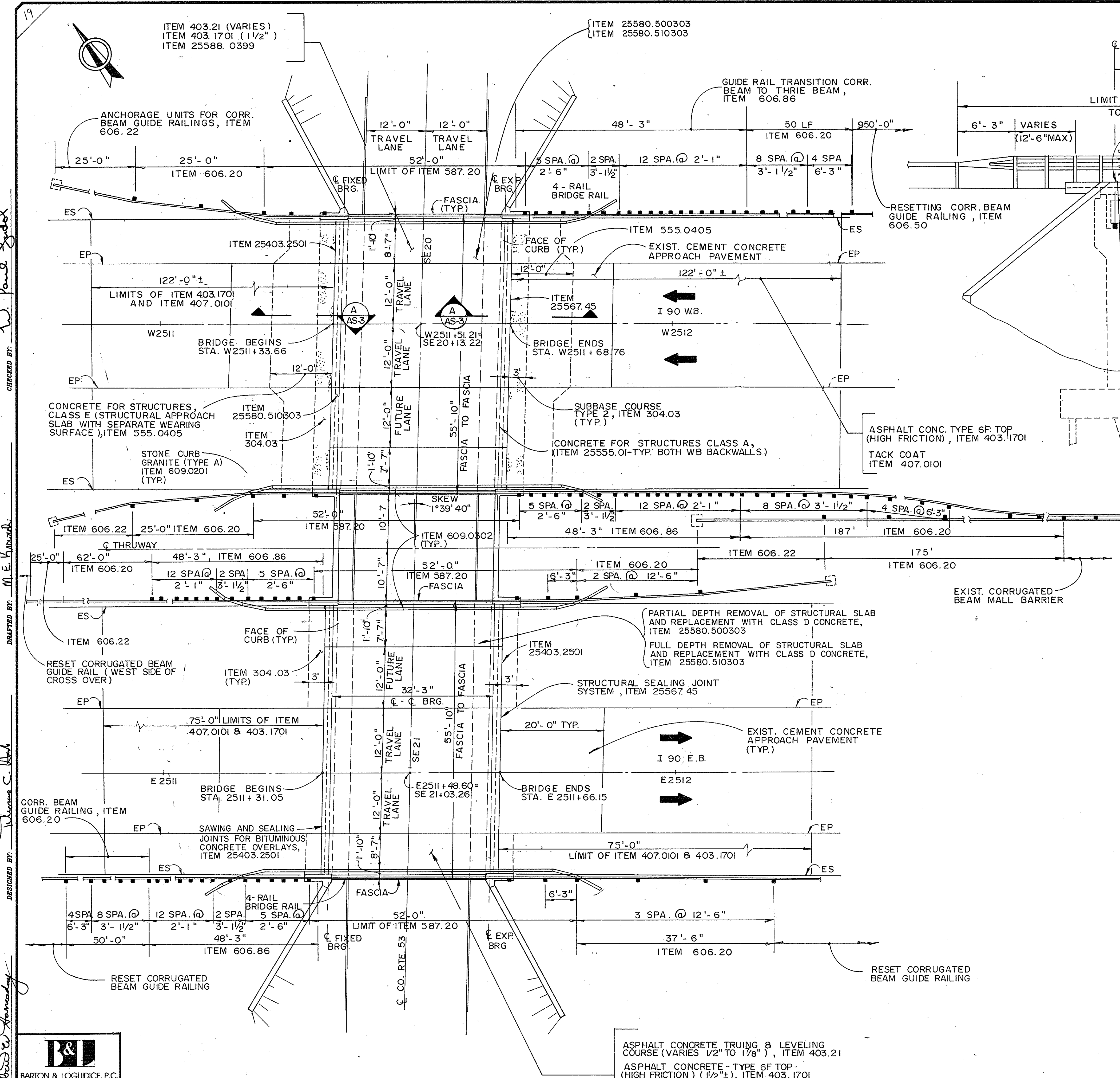
BIN 5516071 & BIN 5516072

No	REVISIONS	By	Date
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY
LOCATION OF PROJECT: M.P. 225.48 & M.P. 225.49
TITLE OF DRAWING: EXISTING PLAN & ELEVATION

CONTRACT NUMBER: TAS 92-74B
DATE: SEPT, 1992
DRAWING NUMBER: EP-3

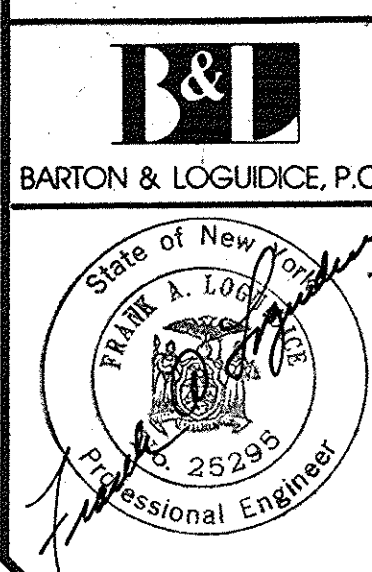


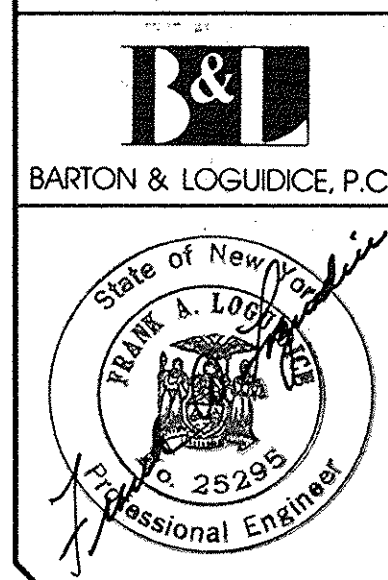

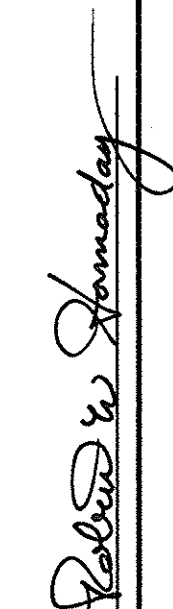
- NOTES:
1. FOR LIMITS OF SHOULDER RECONSTRUCTION, SEE DWG. MPT- 3.
 2. FOR SHOULDER RECONSTRUCTION DETAIL, SEE DWG. MIS - 1.
 3. FOR FULL AND PARTIAL DEPTH REPAIR, SEE DWG. MIS - 1.
 4. FOR DETAILS OF THREE BEAM TRANSITION TO CORRUGATED BEAM, SEE DWG. TBR - 2.
 5. REFER TO DWG. MIS - 4 FOR APPROACH CURB DETAILS.

PROPOSED LOAD RATINGS		
MEMBER	BIN 5516072	(M.P.225.48 EB)
	INVENTORY	OPERATING
INTERIOR	HS 19.7 (35.5 TON) H 22.2 (22.2 TON)	HS 31.1 (56.0 TON) H 35.1 (35.1 TON)
* EXTERIOR FASCIA	HS 17.9 (32.2 TON) H 20.0 (20.0 TON)	HS 28.6 (51.5 TON) H 32.2 (32.2 TON)
** MEDIAN FASCIA	HS 17.9 (32.2 TON) H 20.0 (20.0 TON)	HS 28.6 (51.5 TON) H 32.2 (32.2 TON)
SAFE LOAD CAPACITY	32.2 TONS	
MEMBER	BIN 5516071	(M.P.225.49 WB)
	INVENTORY	OPERATING
INTERIOR	HS 17.1 (30.8 TON) H 19.3 (19.3 TON)	HS 28.5 (51.3 TON) H 32.2 (32.2 TON)
* EXTERIOR FASCIA	HS 14.6 (26.3 TON) H 16.5 (16.5 TON)	HS 25.3 (45.5 TON) H 28.5 (28.5 TON)
** MEDIAN FASCIA	HS 14.6 (26.3 TON) H 16.5 (16.5 TON)	HS 25.3 (45.5 TON) H 28.5 (28.5 TON)
SAFE LOAD CAPACITY	28.5 TONS	

BIN 5516071				8				BIN 5516072			
		NO REVISIONS				Bal					
DATE		DESCRIPTION				BY		SYM.			
REVISIONS											
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209											
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY											
LOCATION OF PROJECT											
M.P. 225.48 & M.P. 225.49											
TITLE OF DRAWING											
PROPOSED PLAN & ELEVATION											

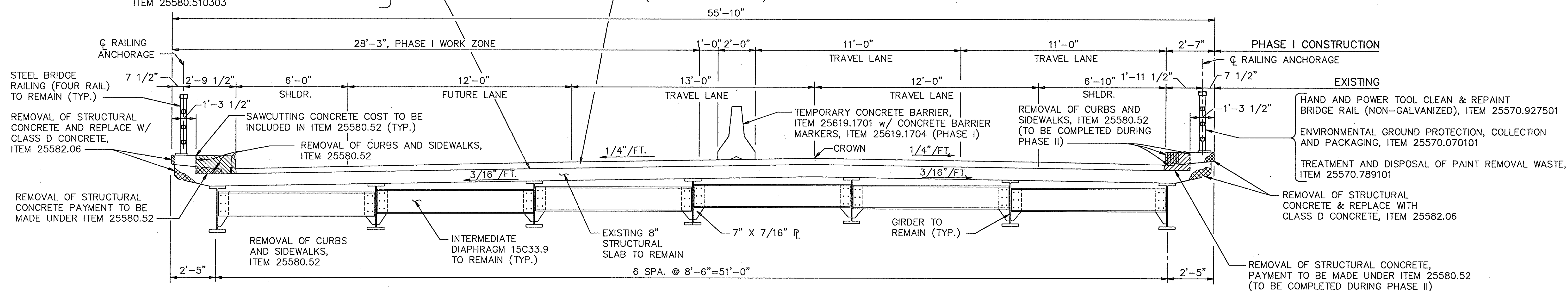
- * MEMBER SHOWS NO SIGNS OF DISTRESS.
- ** MEMBER IS NOT CURRENTLY SUBJECTED TO DIRECT LIVE LOADING.



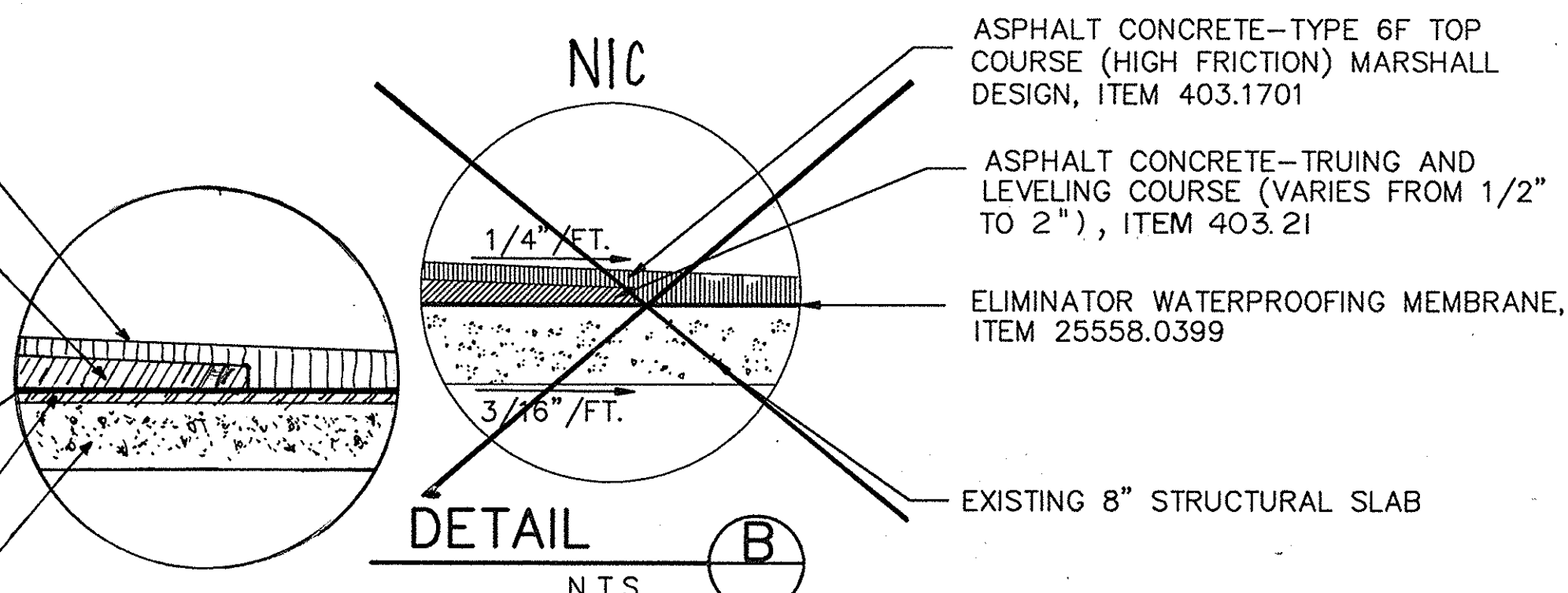
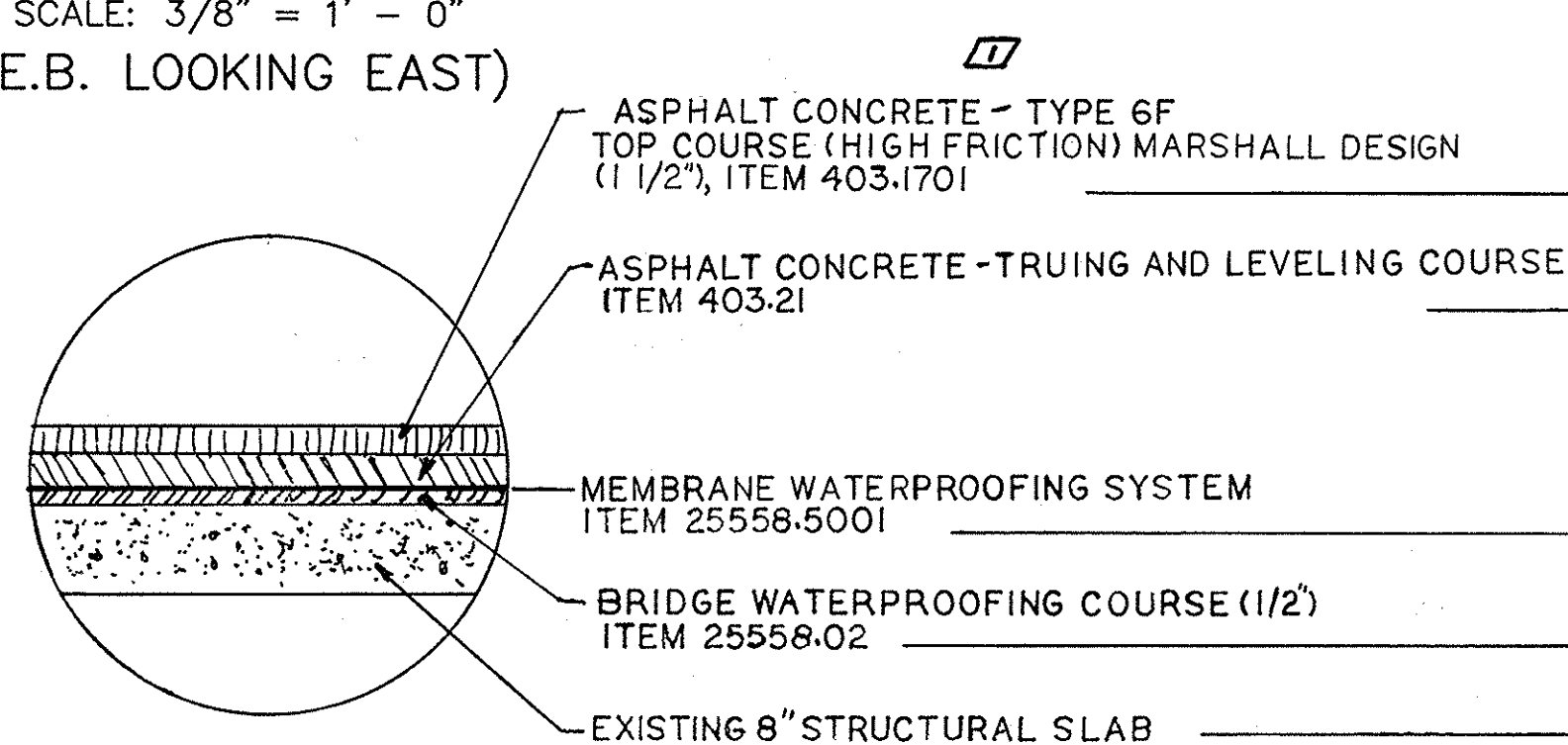
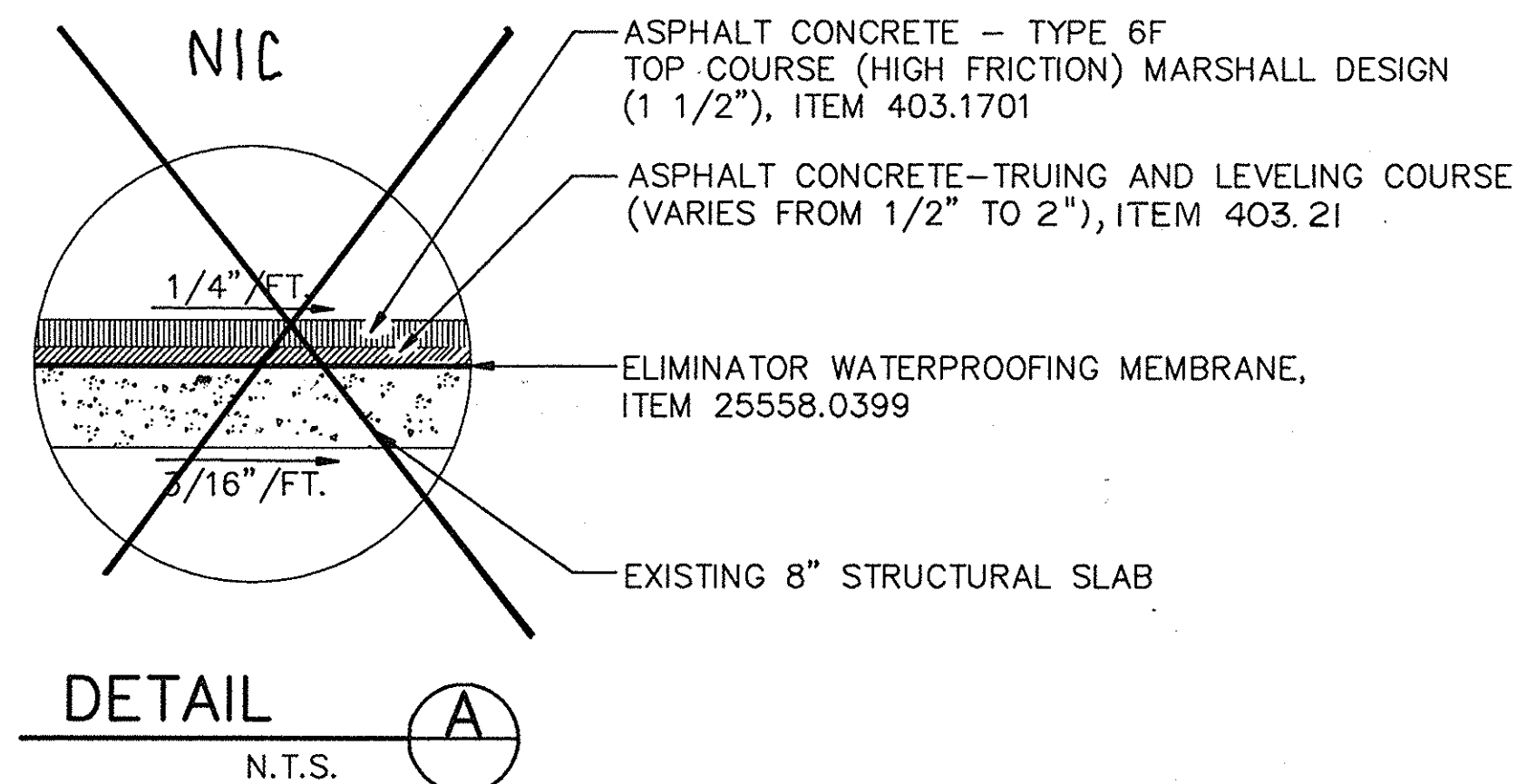


FULL DEPTH REMOVAL OF STRUCTURAL SLAB
AND REPLACEMENT WITH CLASS D CONCRETE,
ITEM 25580.510303

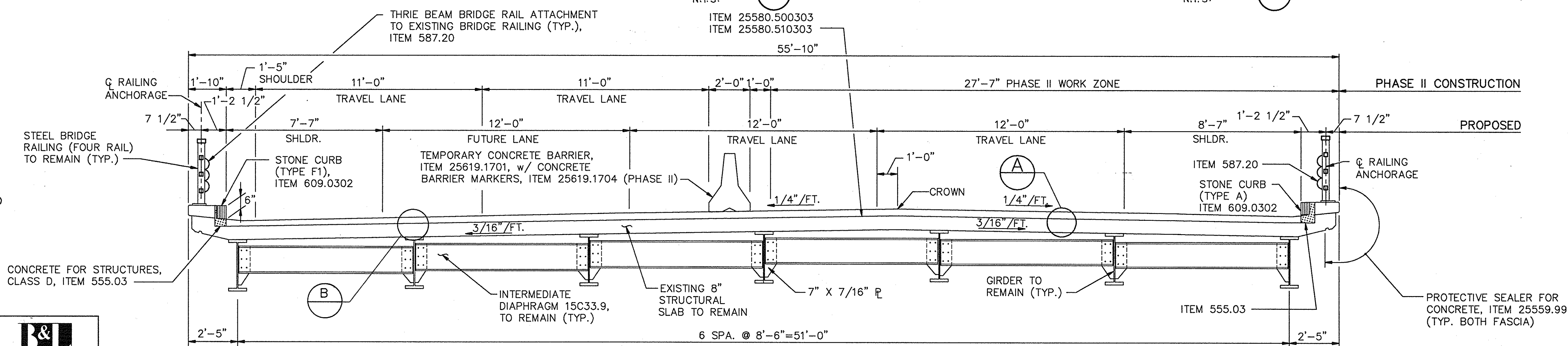
- REMOVAL OF EXISTING BITUMINOUS
CONCRETE OVERLAY & MEMBRANE
COURSE, ITEM 25581.5003
(VARIES FROM 3" TO 7")



SCALE: 3/8" = 1' - 0"
(E.B. LOOKING EAST)




SCALE: $3/8" = 1' - 0"$
(E.B. LOOKING EAST)



NOTE: 1. REFER TO DWG. MIS -2 FOR CURB RECONSTRUCTION DETAILS.

2. THE THREE BEAM RAILING SHALL BE ATTACHED PRIOR TO SHIFTING THE TRAVEL LANES OVER FOR PHASE I CONSTRUCTION.

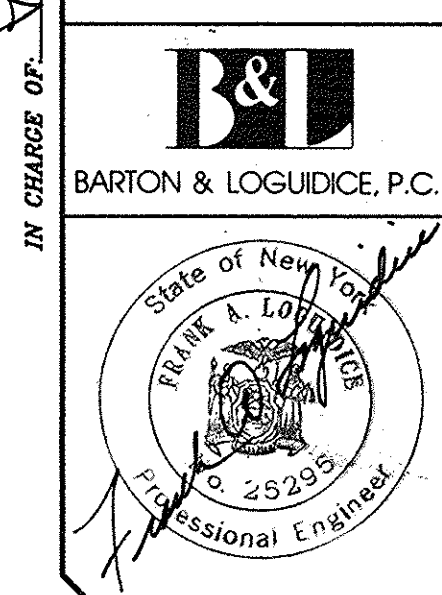
BIN 516072			
12-23-94	WATERPROOFING & DETAIL		<i>Bal</i>
DATE	DESCRIPTION	BY	SYM
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12200			
TITLE OF PROJECT		BRIDGE DECK STRIP, SEAL & OVERLAY	
LOCATION OF PROJECT		M.P. 225.48	
TITLE OF DRAWING TYPICAL SECTIONS			
		CONTRACT NUMBER:	
		TAS 92-74B	
		DATE:	
		SEPT. 1992	
DRAWING NUMBER:		TS-3BR	

CHECKED BY: W. Paul Zudox

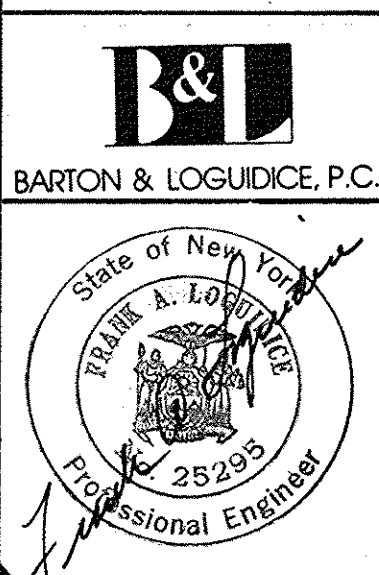
DRAFTED BY: M. E. Kowale

DESIGNED BY: Thomas C. Heath

IN CHARGE OF: Robert W. Hornaday

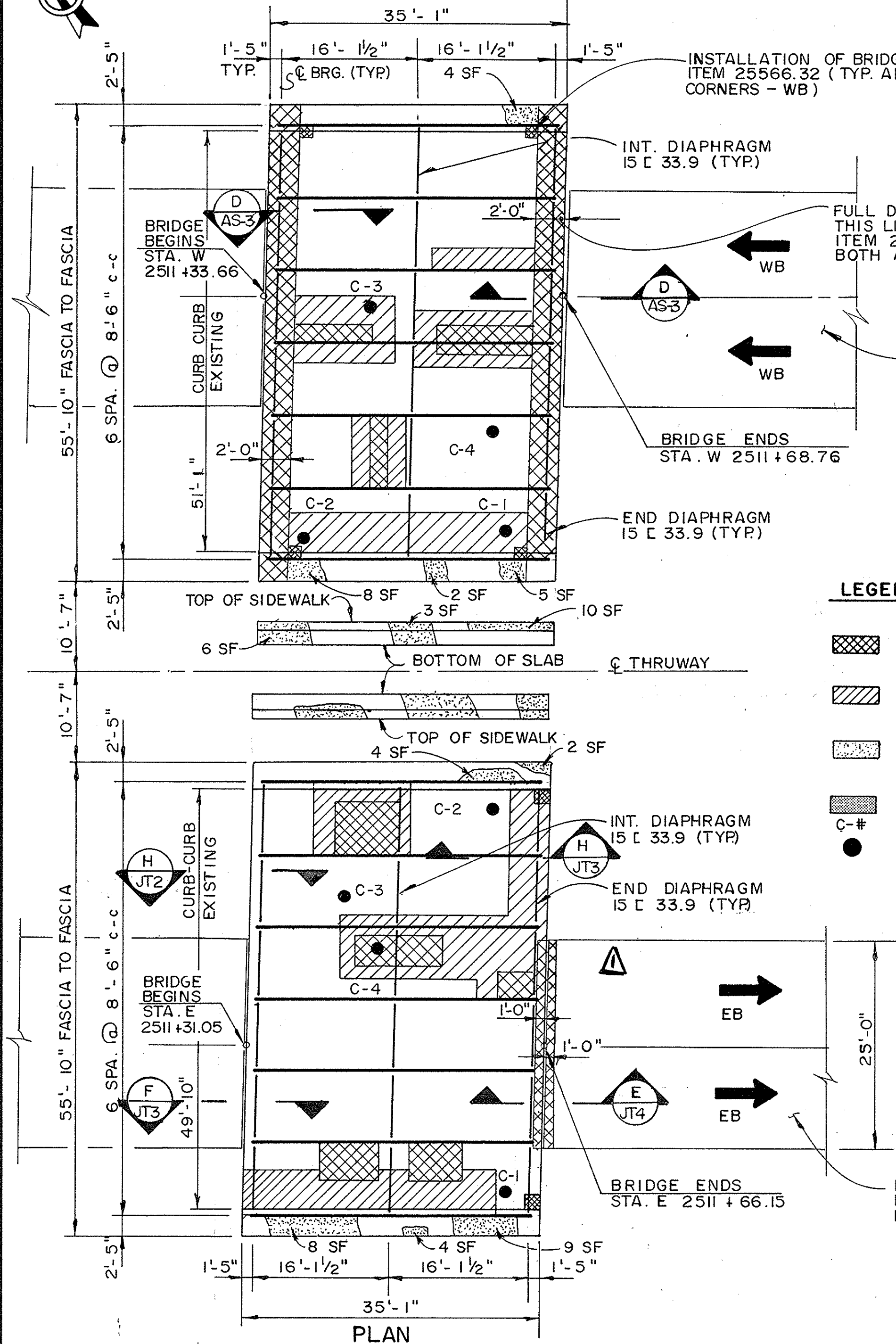


DESIGNED BY: *Robert J. Kennedy*
IN CHARGE OF: *Robert J. Kennedy*
DRAFTED BY: *James C. Adel*
CHECKED BY: *M.E. Kennedy*
DATE: *12/1/92*

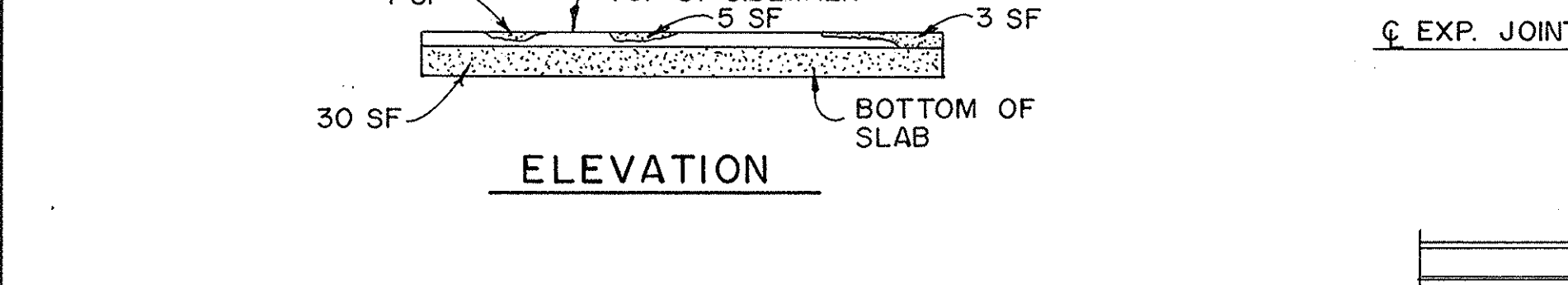


NOTES:
1. FOR FULL AND PARTIAL DEPTH REPAIR DETAIL, SEE DWG. MIS-1.
2. FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-3, JT-4 & AS-3.
3. FOR DETAILS OF THE INSTALLATION OF BRIDGE WEEPS, SEE DWG. MIS-3.

ELEVATION



PLAN



DECK REPAIR PLAN

Scale: 3/32" = 1'-0"

ELEVATION

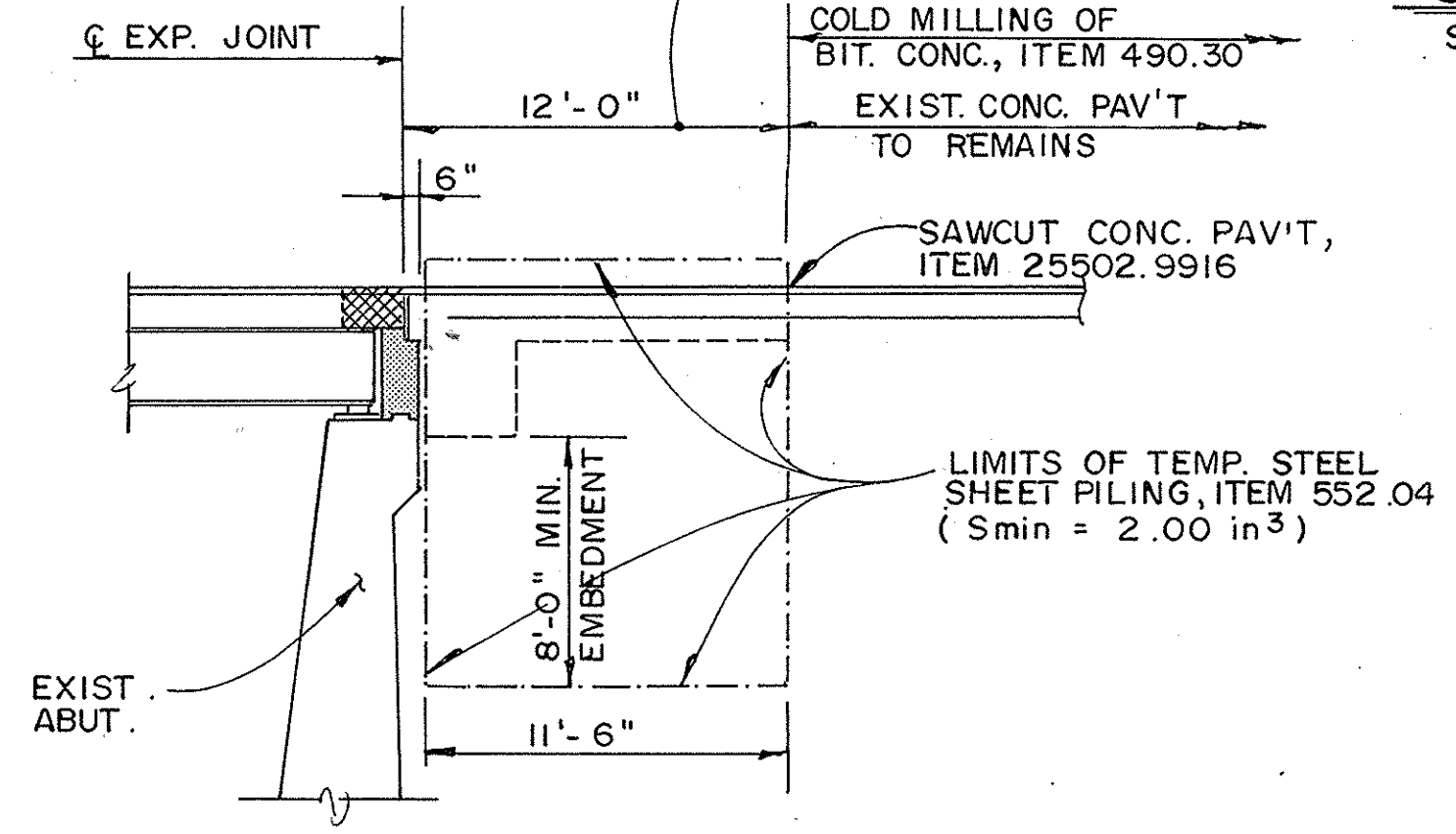


LEGEND

- FULL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303
- PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303
- REMOVAL OF STRUCTURAL CONCRETE & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25582.06
- REMOVAL OF STRUCTURAL CONCRETE, ITEM 580.01
- BRIDGE DECK CORE LOCATION
- REMOVAL OF EXIST. BITUMINOUS CONC. OVERLAY AND MEMBRANE COURSE (4"), ITEM 25581.5003
- EXIST. 3" CONCRETE WEARING SURFACE TO REMAIN
- EXIST. 8" STRUCTURAL SLAB TO REMAIN
- EXIST. CEMENT CONC. PAV'T TO REMAIN IN-PLACE (TYP.)
- REMOVAL OF STRUCTURAL CONC., ITEM 580.01 SEE NOTE (2) ON DWG. AS-3
- REMOVING CONCRETE PAVEMENT, ITEM 25203.022502
- COLD MILLING OF BIT. CONC., ITEM 490.30
- EXIST. CONC. PAV'T TO REMAINS
- SAWCUT CONC. PAV'T, ITEM 25502.9916
- LIMITS OF TEMP. STEEL SHEET PILING, ITEM 552.04 (Smin = 2.00 in³)

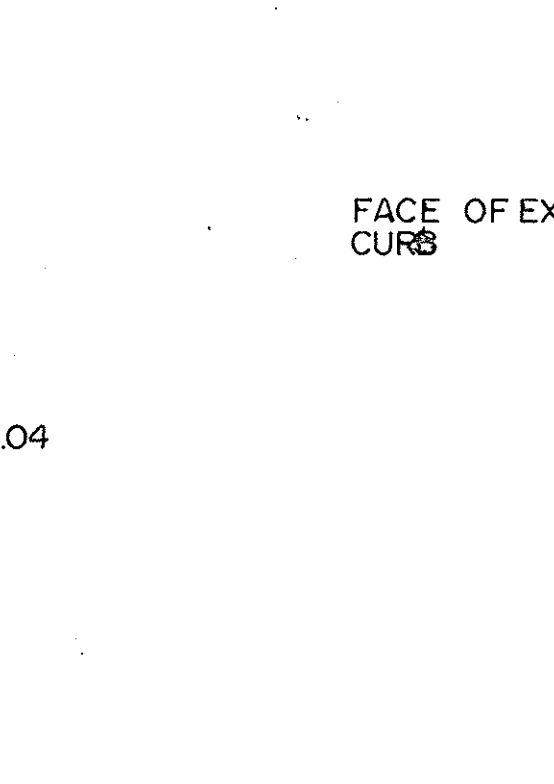
STEEL SHEET PILING DETAIL

Scale: 3/16" = 1'-0"



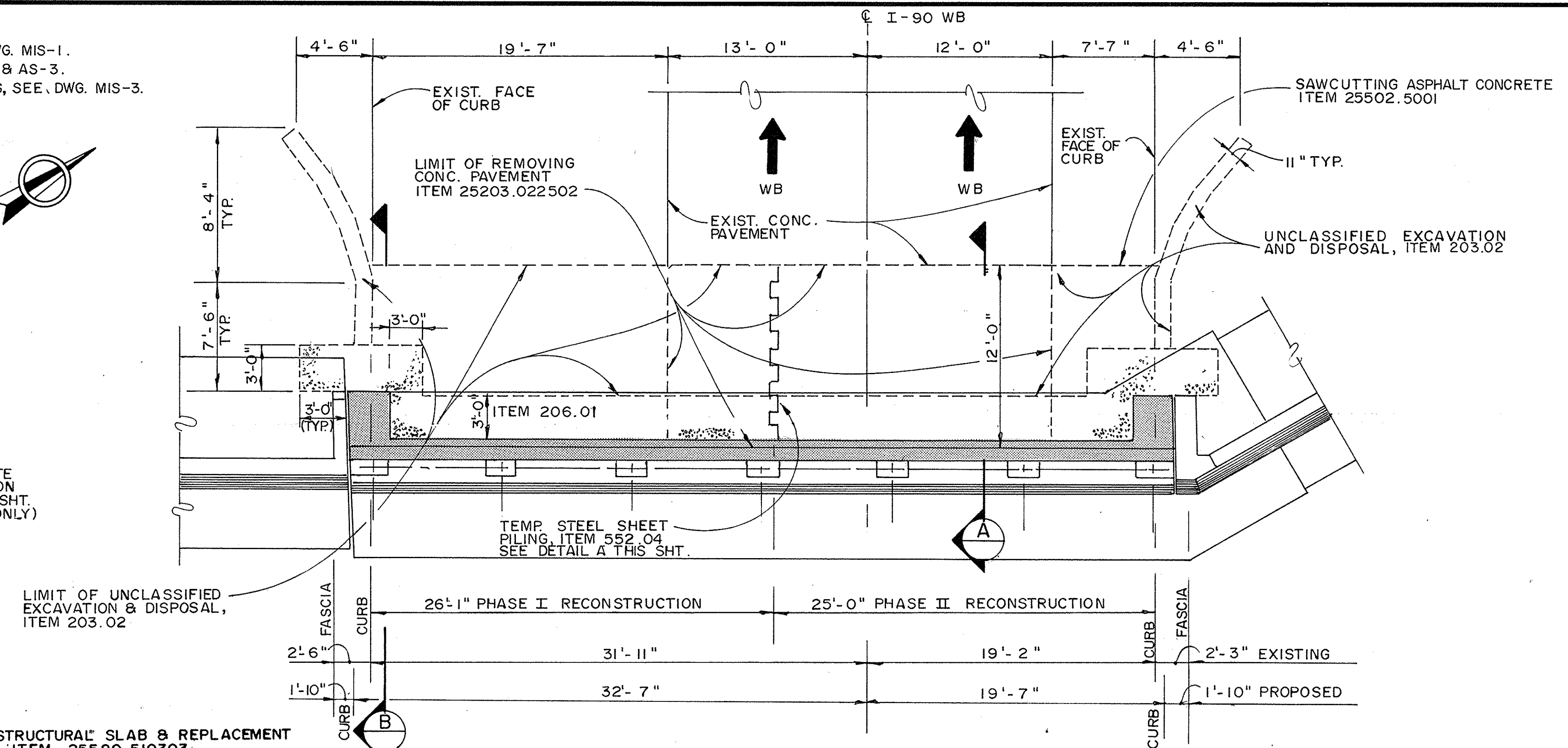
SECTION A

Scale: 3/8" = 1'-0"



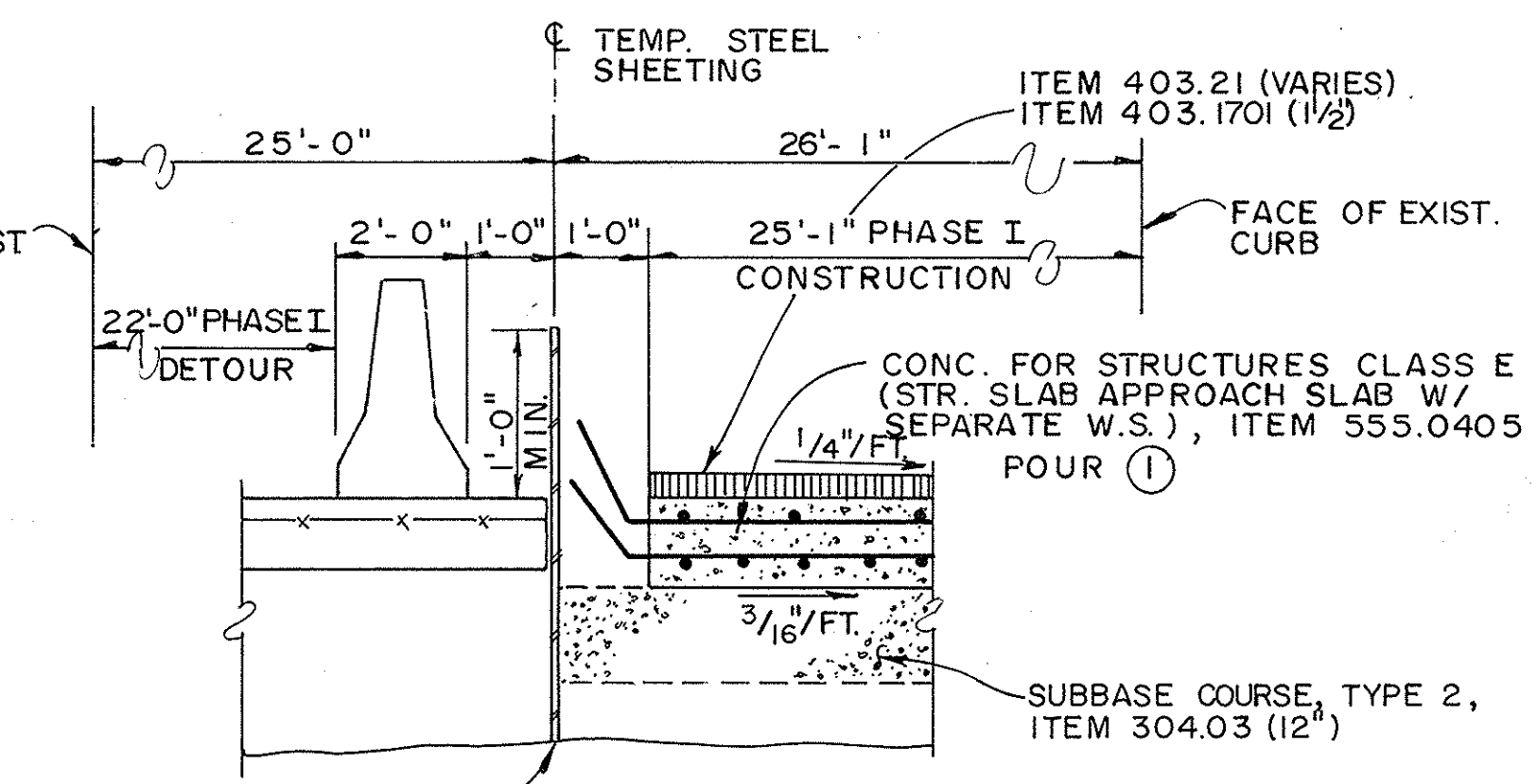
EXCAVATION AND REMOVAL PLAN

Scale: 3/16" = 1'-0"



SECTION B

Scale: 3/8" = 1'-0"



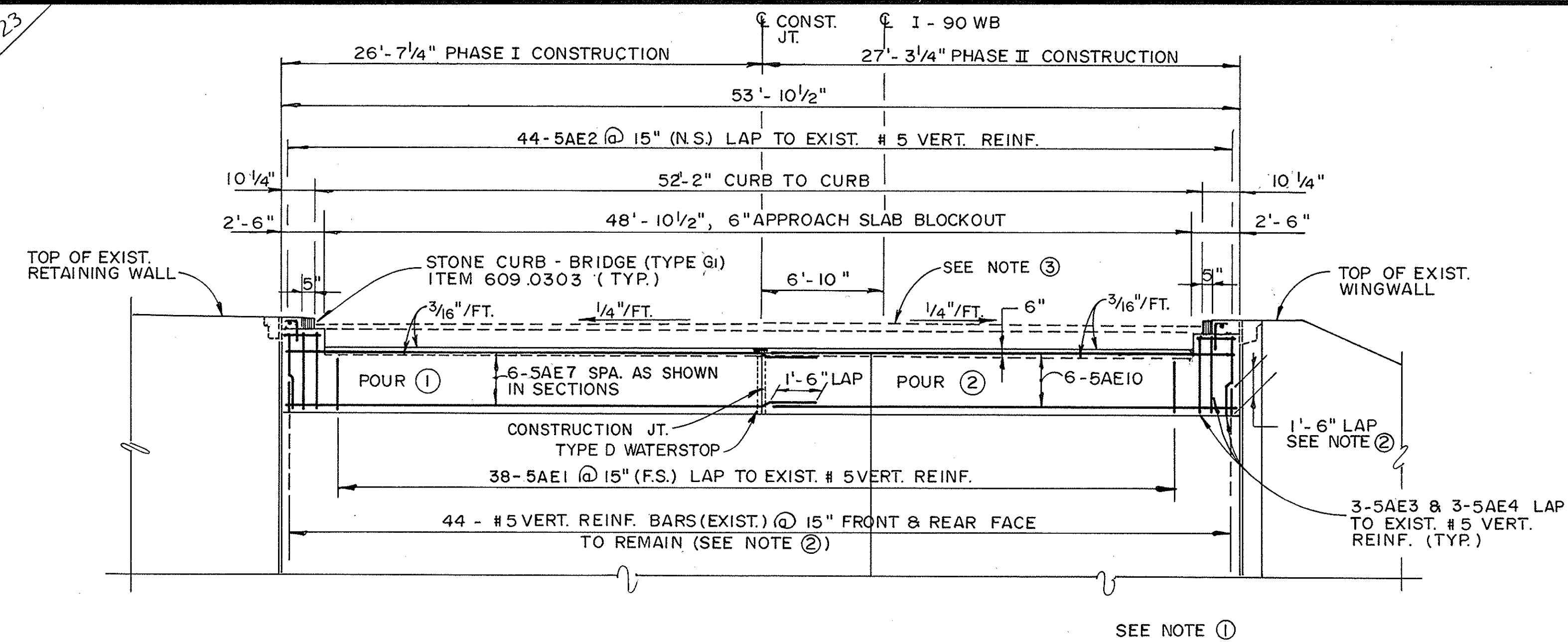
DETAIL A

Scale: 1/2" = 1'-0"

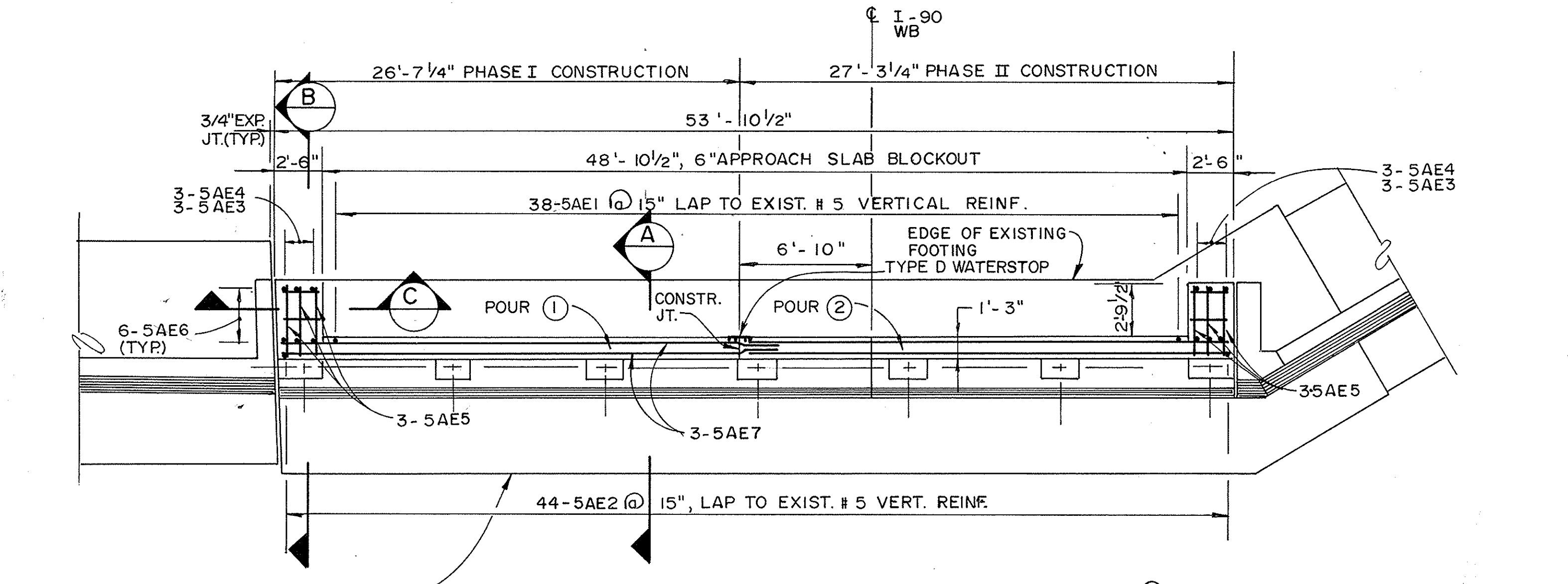
(LOOKING EAST)

BIN 5516071 & BIN 5516072			
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 225.48 & M.P. 225.49			
TITLE OF DRAWING: EXCAVATION, REMOVAL & DECK REPAIR PLAN			
CONTRACT NUMBER: TAS 92-74B			
DATE: SEPT, 1992			
DRAWING NUMBER: DR-3R			

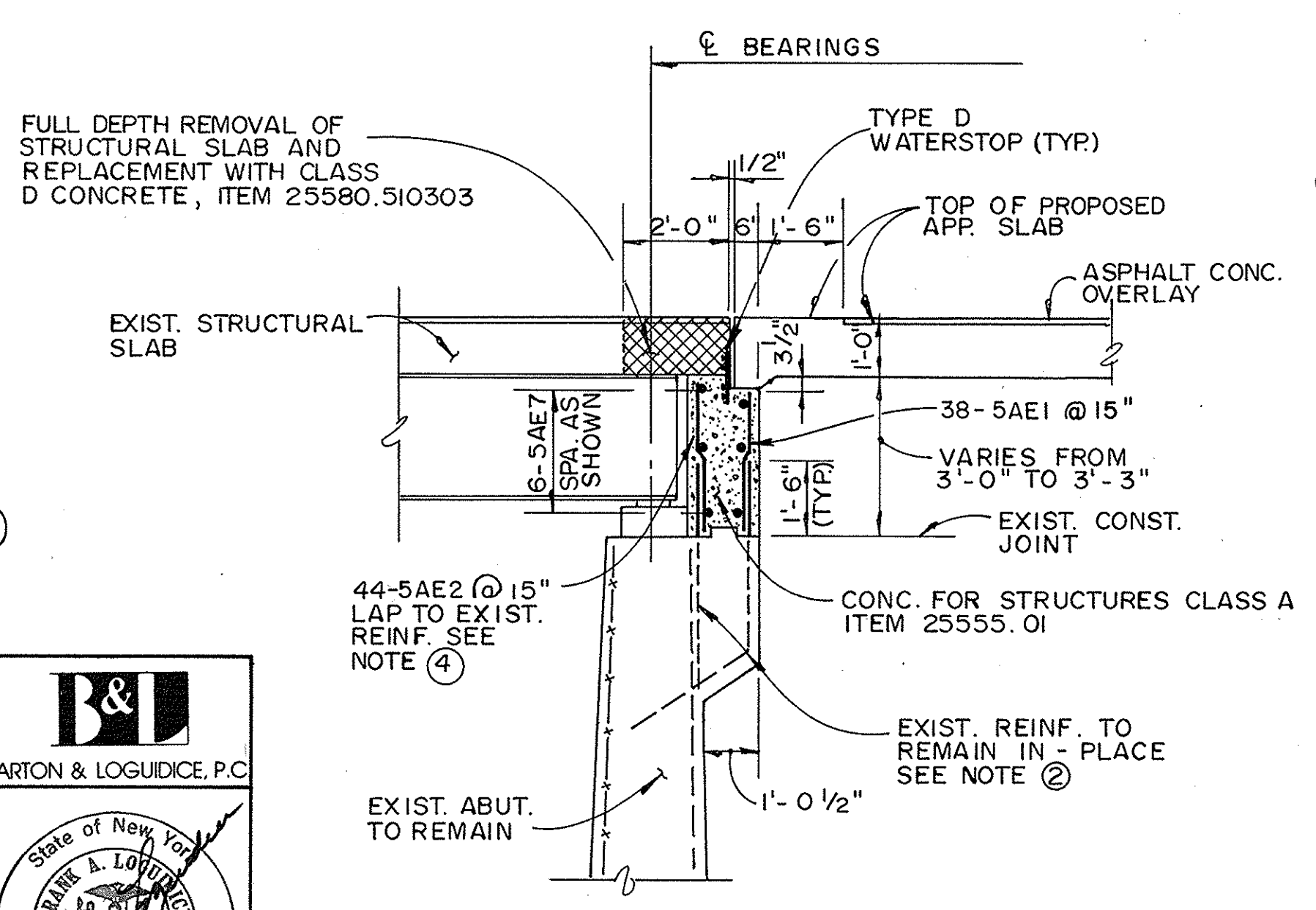
CHECKED BY: *W. Paul Gidycz*
DRAFTED BY: *M.E. Kowalski*
DESIGNED BY: *Thomas C. Wood*
IN CHARGE OF: *Robert J. Haman*



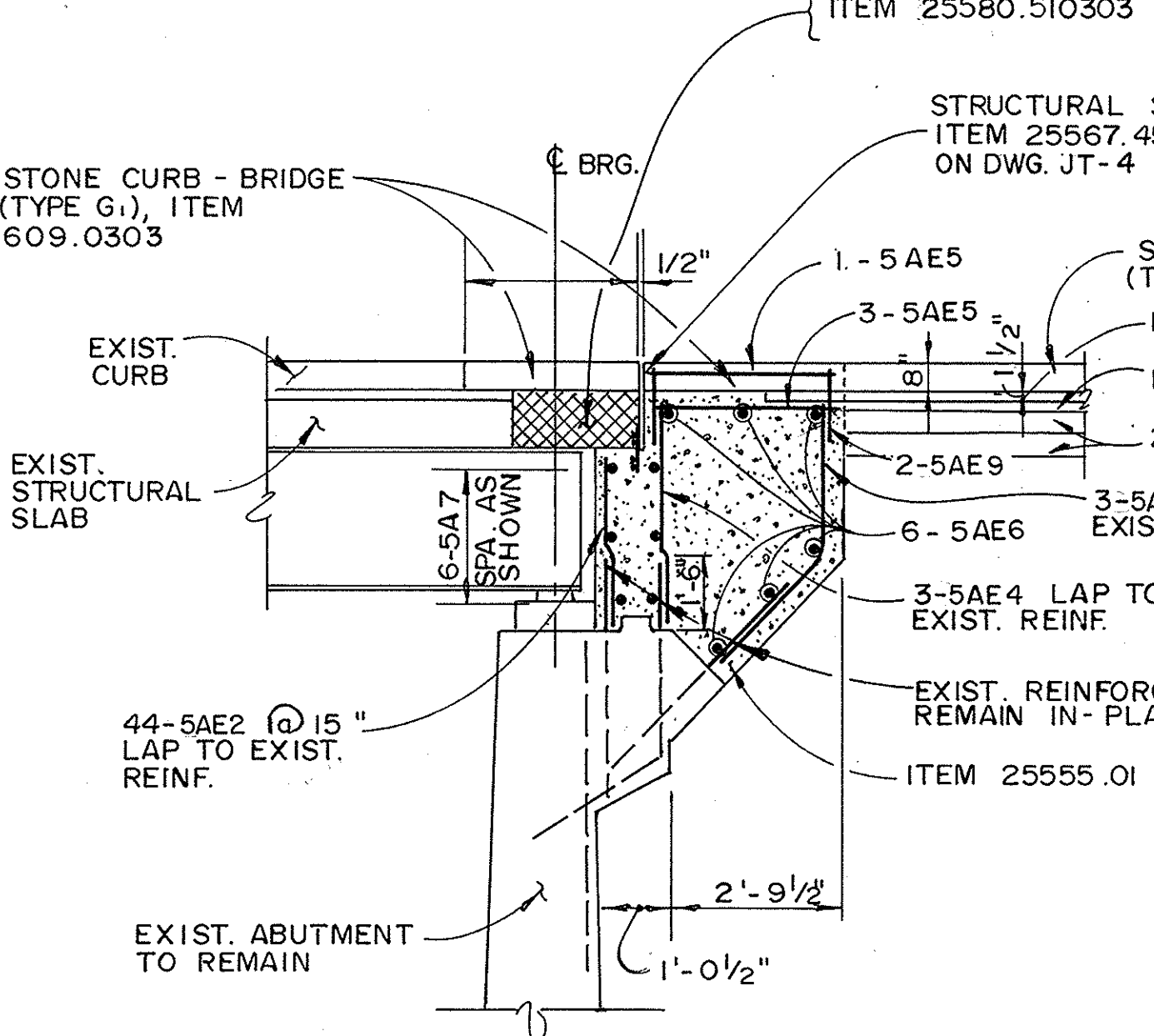
W.B. BACKWALL ELEVATION
Scale: 3/16" = 1'-0"



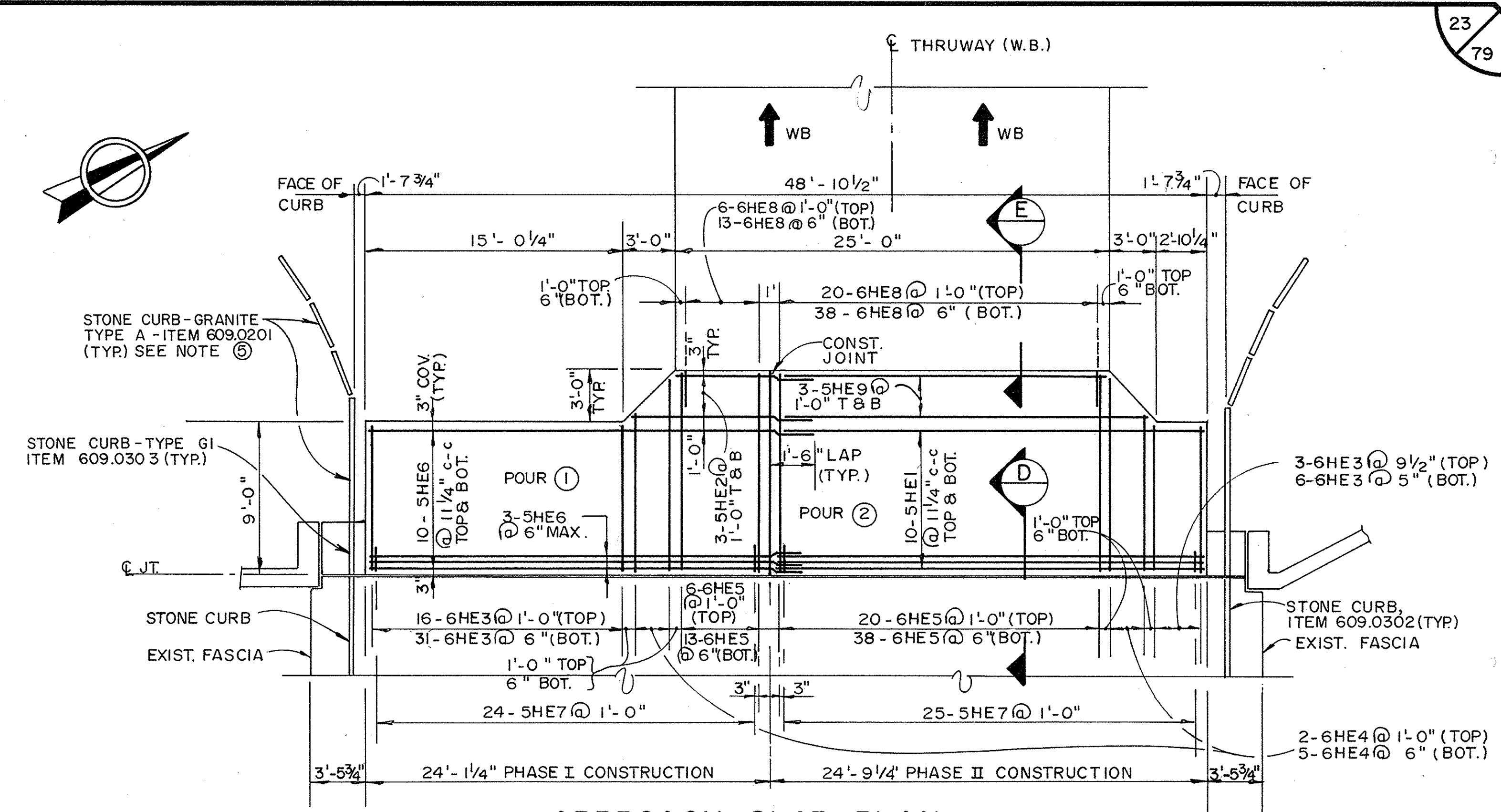
W.B. BACKWALL PLAN
Scale: 3/16" = 1'-0"



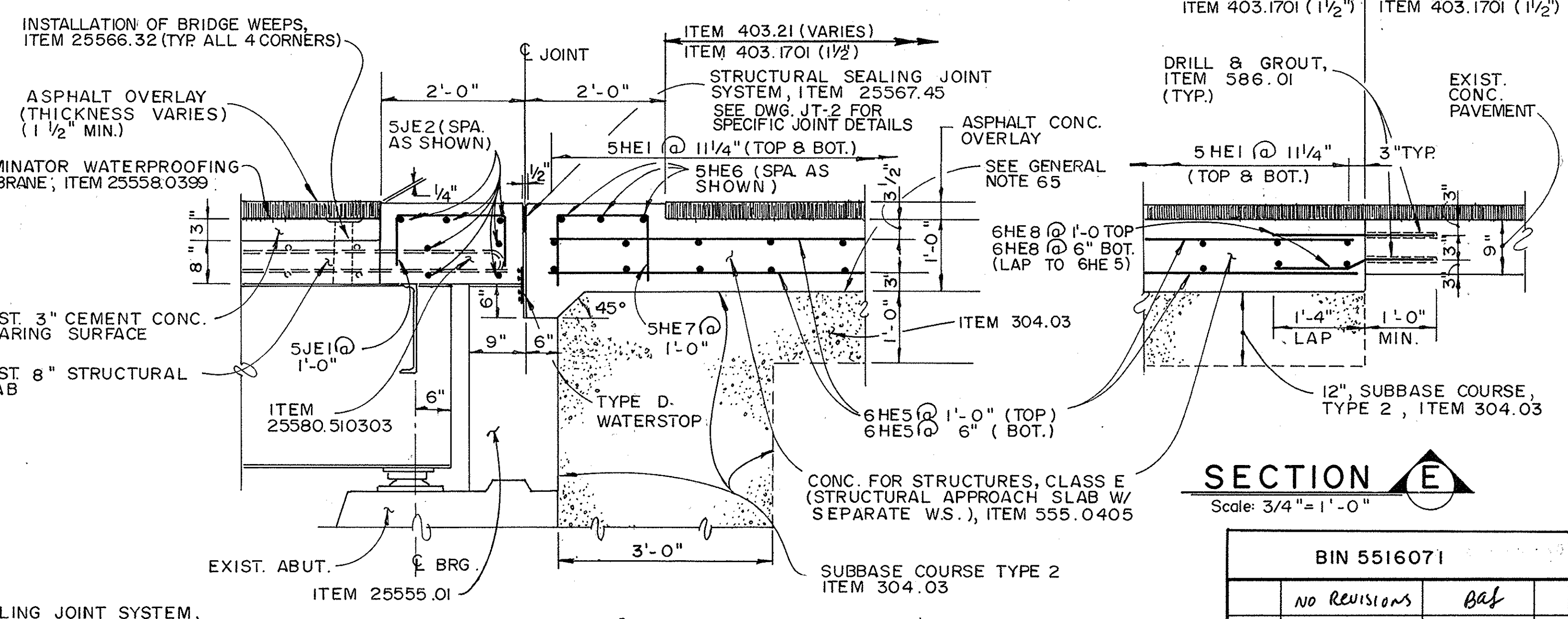
SECTION A
Scale: 3/8" = 1'-0"



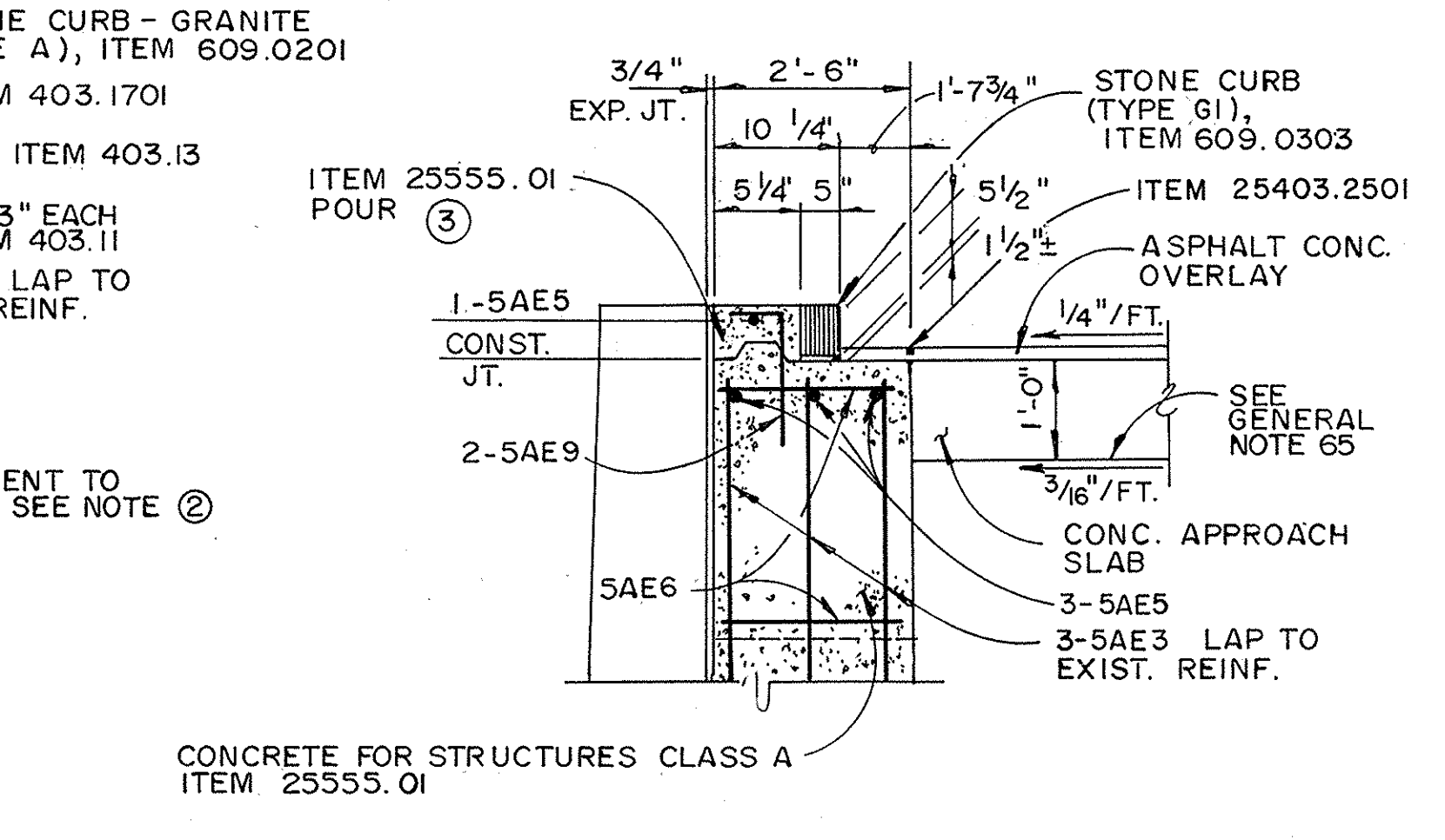
SECTION B
Scale: 3/8" = 1'-0"



APPROACH SLAB PLAN
Scale: 3/16" = 1'-0"



SECTION D
Scale: 3/4" = 1'-0"

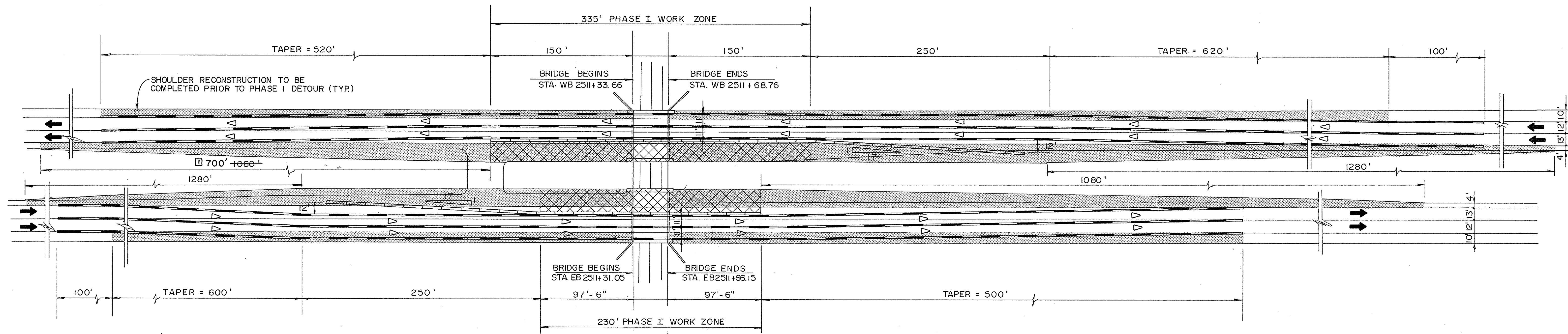


SECTION C
Scale: 1/2" = 1'-0"

- NOTE ①**
BOTH THE EAST AND WEST ABUTMENTS FOR THE W.B. BRIDGE ARE SIMILAR.
- NOTE ②**
THE EXISTING VERTICAL REINFORCING BARS WITHIN THE BACKWALL SHALL BE FLAME-CUT; PROVIDE A 1'-6" MIN. LAP. THE EXISTING REINFORCEMENT SHALL BE THOROUGHLY CLEANED. ALL EXISTING HORIZONTAL REINFORCING BARS SHALL BE DISPOSED OF UNDER ITEM 580.01.
- NOTE ③**
THE APPROACH SLAB SHALL BE POURED AT 3/16"/FT. THE CONCRETE JOINT HEADER AND CORRESPONDING ASPHALT OVERLAY SHALL BE CONSTRUCTED AT 1/4"/FT.
- NOTE ④**
REINFORCING BARS TO BE PAID UNDER ITEM 556.0202
- NOTE ⑤**
REFER TO DWG. MIS-2 FOR ADDITIONAL APPROACH CURB DETAILS
- NOTE ⑥**
BACKWALL SHALL BE RECONSTRUCTED TO ORIGINAL ELEVATIONS.

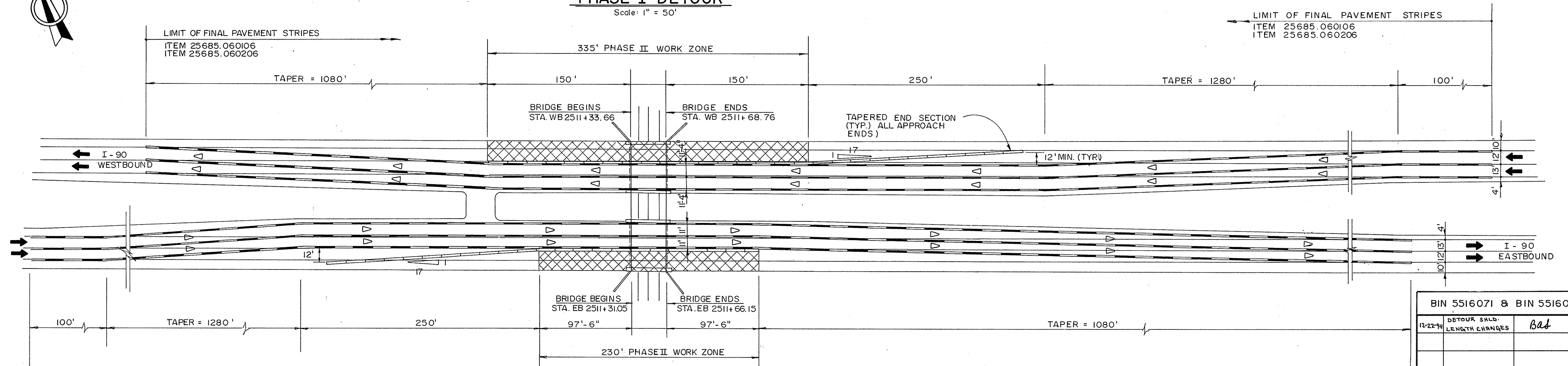
SECTION E
Scale: 3/4" = 1'-0"

BIN 5516071			
	No Revisions	Bas	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 225.49			
TITLE OF DRAWING: BACKWALL AND APPROACH SLAB DETAILS			
CONTRACT NUMBER: TAS 92-74B			
DATE: SEPT, 1992			
DRAWING NUMBER: AS-3			



PHASE I DETOUR

Scale: 1" = 50'



PHASE II DETOUR

Scale : 1" = 50'

NOTE:

FOR SIGNING REFERENCES AND
DRUM PLACEMENTS, SEE DWG. TTP-2

LEGEND



TEMPORARY CONCRETE BARRIER, ITEM 25619.1701
WITH CONCRETE BARRIER MARKER, ITEM 25619.1704
SPACED @ 40' c-c IN TAPER SECTION AND 20' c-c IN
TANGENT SECTION.



YELLOW REMOVABLE REFLECTORIZED PAVEMENT STRIPES,
ITEM 15619.1906 (LEFT EDGE)



WHITE REMOVABLE REFLECTORIZED PAVEMENT STRIPES,
ITEM 15619.1905 (RIGHT EDGE & C)



WORK ZONE

LIMIT OF SHOULDER RECONSTRUCTION, SEE DWG. MIS-1
FOR DETAILS.

BIN 5516071 & BIN 5516072

12-22-94	DETOUR SHLD. LENGTH CHANGES	Bas	I
----------	--------------------------------	-----	---

DATE	DESCRIPTION	BY	SYM.
------	-------------	----	------

REVISIONS

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT	BRIDGE DECK STRIP, SEAL & OVERLAY
------------------	--------------------------------------

LOCATION OF PROJECT
M.P. 225.48 & M.P. 225.49

TITLE OF DRAWING

MAINTENANCE & PROTECTION
OF TRAFFIC



CONTRACT NUMBER:

TAS 92-74B

DATE: _____

DATE: SEPT. 1992

DRAWING NUMBER:

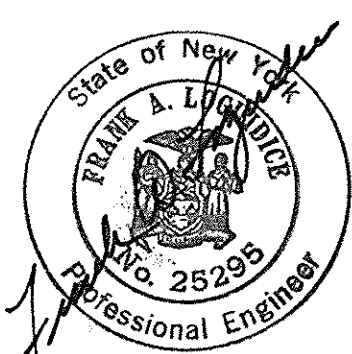
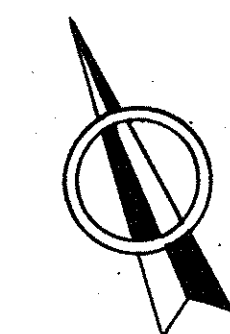
DRAWING NUMBER:
MPT- 3

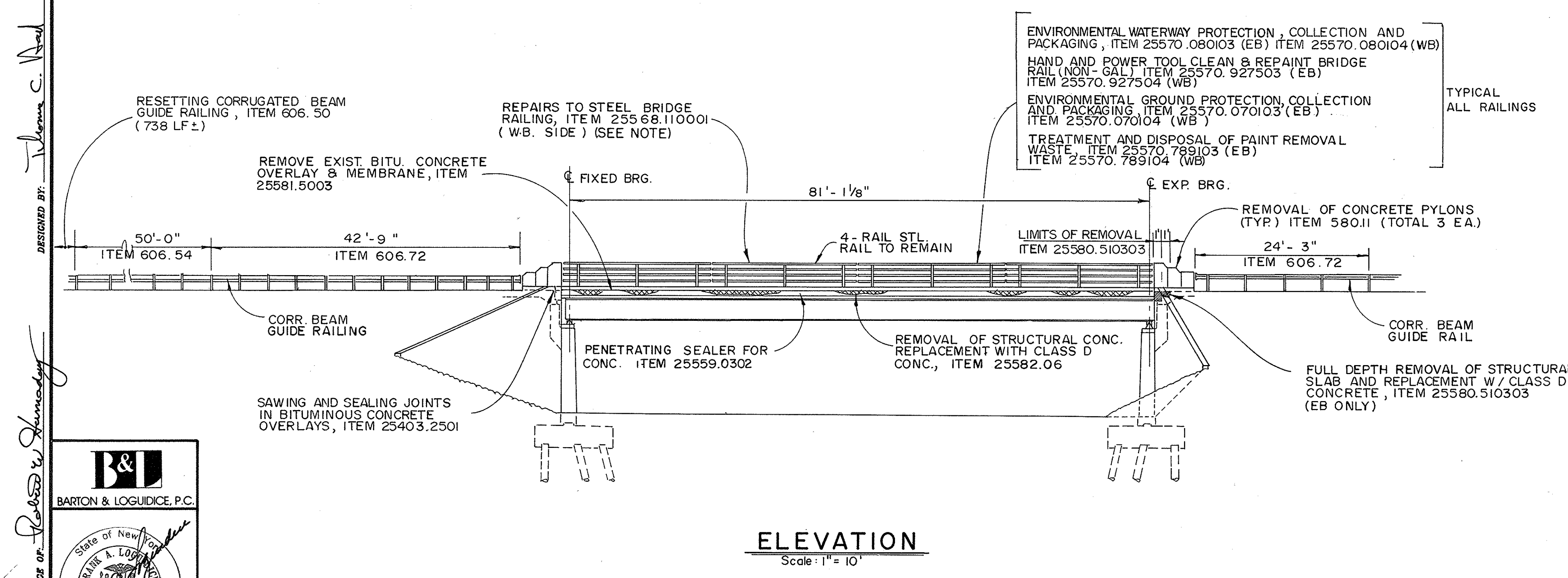
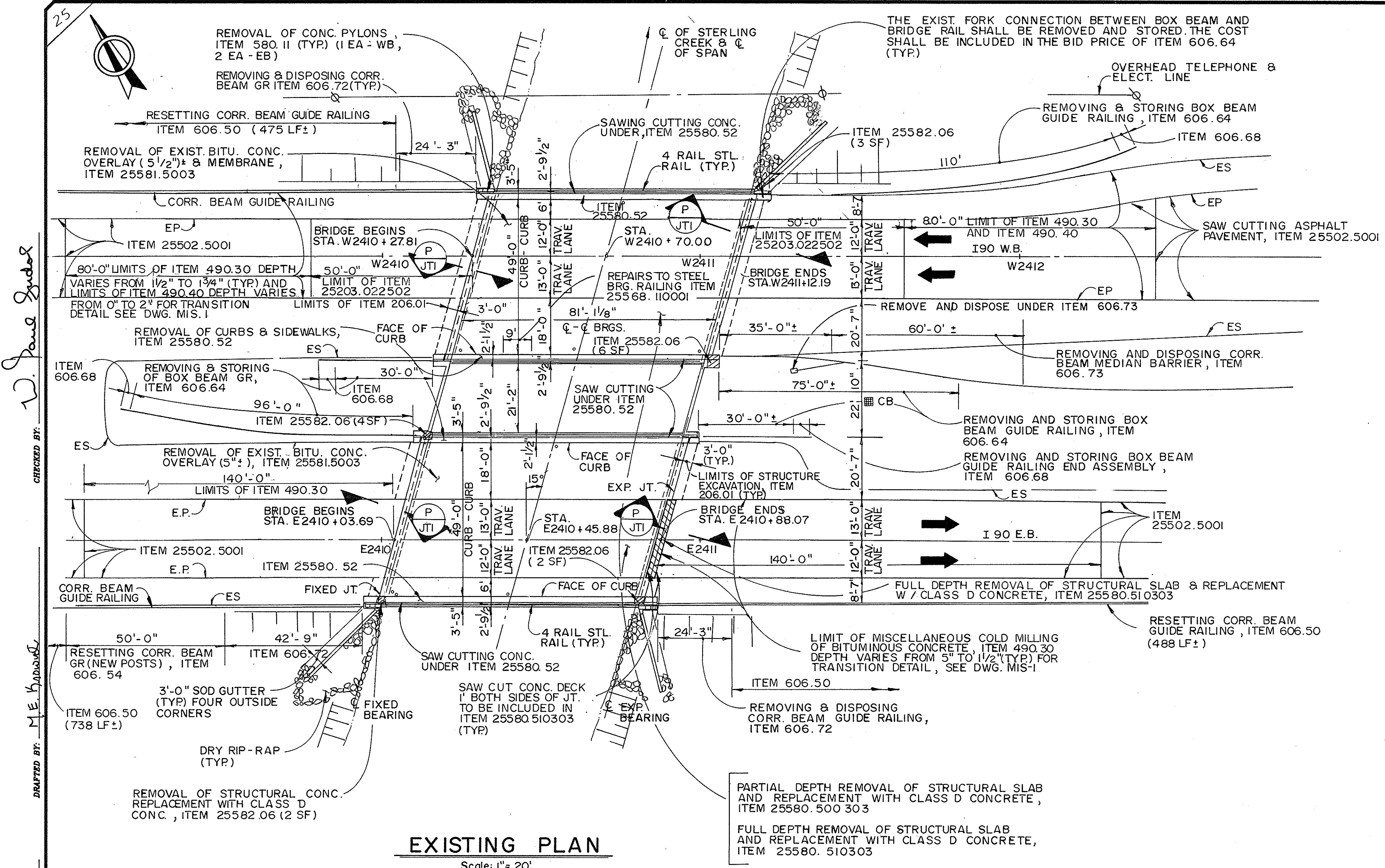
CHECKED BY: W. Paul Sydor

DRAFTED BY: M.E. Knowlton

DESIGNED BY: Thomas C. Asch

IN CHARGE OF: Katherine Hernandez





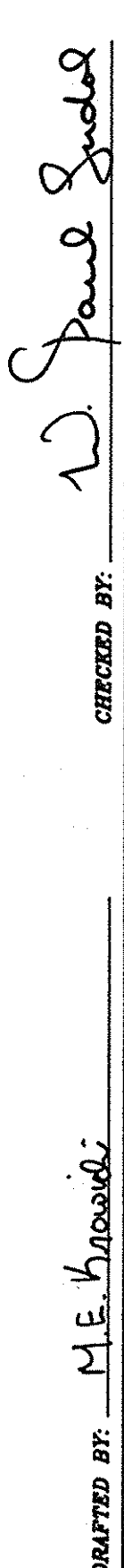
SUGGESTED SEQUENCE OF WORK (M.P. 227.40 & M.P. 227.41)

1. ESTABLISH SHORT-TERM CLOSURE OF DRIVING LANE, CONSTRUCT HEAVY DUTY SHOULDERS AND UPGRADE EXISTING RAILING ON THE BRIDGE AND APPROACHES.
 2. ESTABLISH PHASE I DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, DRUMS AND TEMPORARY CONCRETE BARRIER.
- PHASE I WORK**
3. SAW CUT ASPHALT CONCRETE PAVEMENT AND COMPLETELY REMOVE BITUMINOUS CONCRETE OVERLAY AND MEMBRANE FROM THE BRIDGE.
 4. SAW CUT AND COLD MILL ASPHALT CONCRETE APPROACH PAVEMENT WITHIN THE LIMITS INDICATED.
 5. REMOVE EXISTING CONCRETE PAVEMENT WITHIN THE LIMITS AND RECONSTRUCT ASPHALT PAVEMENT AND SHOULDERS.
 6. SAW CUT CONCRETE ON BOTH SIDES OF THE JOINT AT EAST ABUTMENT OF E.B. AND REMOVE THE EXISTING JOINT SYSTEM AND SURROUNDING CONCRETE.
 7. SAW CUT AND PARTIALLY REMOVE THE SAFETY WALK, PLACE CLASS A CONCRETE AND INSTALL STONE CURB (TYPE F1).
 8. COMPLETE PARTIAL AND FULL DEPTH REPAIRS TO THE STRUCTURAL SLAB. REMOVE UNSOUND CONCRETE FROM FASCIA AND REPLACE WITH CLASS D CONCRETE. APPLY PENETRATING SEALER FOR CONCRETE TO THE FASCIA.
 9. INSTALL THE PROPOSED JOINT SYSTEMS.
 10. INSTALL ELIMINATOR WATERPROOFING MEMBRANE ON E.B. AND MEMBRANE WATERPROOFING SYSTEM ON W.B.
 11. COMPLETE HEAVY DUTY SHOULDERS ON MEDIAN SIDE.
 12. COMPLETE REPAIRS TO SECTION OF W.B. BRIDGE RAILING THAT HAS SUSTAINED IMPACT DAMAGES.
 13. UPGRADE EXISTING RAILING ON THE BRIDGE AND ON THE APPROACHES.
 14. PAVE WITH ASPHALT CONCRETE BOTH THE BRIDGE AND THE APPROACHES.
 15. PLACE TOP SOIL AND ESTABLISH TURF BEHIND THE CURB NEAR THE BRIDGE.
 16. SAW CUT AND SEAL JOINTS IN BITUMINOUS CONCRETE OVERLAYS.
- PHASE II WORK**
17. ESTABLISH PHASE II DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, DRUMS AND TEMPORARY CONCRETE BARRIER.
 18. PERFORM STEPS (3) THROUGH (10), (13) THROUGH (16) WITHIN THE PHASE II WORK ZONE.
 19. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.
 20. INSTALL FINAL PAVEMENT MARKINGS USING SHORT-TERM CLOSURES.

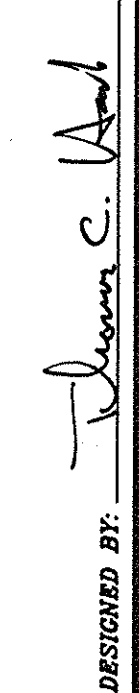
NOTE: REPAIRS TO THE RAILING, ITEM 25568.110001, ARE LIMITED TO HEAT STRAIGHTENING OF APPROXIMATELY 9 FEET OF RAIL PRIOR TO THE CLEANING AND PAINTING OF THE EXISTING FOUR RAIL SYSTEM.

BIN 5516092 & BIN 5516091			
	No Revision	Bar	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL AND OVERLAY			
LOCATION OF PROJECT M.P. 227.40 & M.P. 227.41			
TITLE OF DRAWING EXISTING PLAN & ELEVATION			
CONTRACT NUMBER: TAS 92-74B			
DATE: SEPT, 1992			
DRAWING NUMBER: EP-4			

CHECKED BY: *D. Paul Gubler*
 DESIGNED BY: *Robert C. Hummel*
 IN CHARGE OF: *Robert C. Hummel*
 B&L
 BARTON & LOGUIDICE, P.C.
 State of New York
 Professional Engineer
 No. 25235




Scale: 1" = 20'



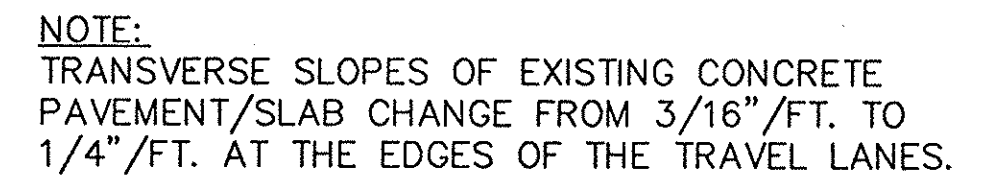
Scale: 1" = 10'

1. FOR LIMITS OF SHOULDER RECONSTRUCTION,
SEE DWG. MPT-1.
2. FOR FULL PAVEMENT RECONSTRUCTION DETAIL,
SEE DWG. DR-4.
3. FOR SHOULDER RECONSTRUCTION DETAIL,
SEE DWG. MIS-1.
4. FOR FULL AND PARTIAL DEPTH REPAIR DETAILS,
SEE DWG. MIS-1.
5. FOR DETAILS OF CURBS, TOPSOIL AND SODDING,
BEHIND CURBS, SEE DWG. MIS-4.
6. FOR DETAILS OF THREE BEAM TRANSITION TO
CORRUGATED BEAM, SEE DWG. TBR-2.

 <p>The seal of the New York State Thruway Authority is circular. It features a stylized map of New York State in the center, with the Thruway route highlighted. The words "NEW YORK STATE" are arched across the top, and "THRUWAY AUTHORITY" is arched across the bottom.</p>	<p>CONTRACT NUMBER:</p> <p>TAS 92-74B</p> <p>DATE:</p> <p>SEPT., 1992</p> <p>DRAWING NUMBER:</p> <p>PP-4</p>
---	--




CONTRACT NUMBER:
TAS 92-74B
DATE:
SEPT., 1992
DRAWING NUMBER:
PP-4

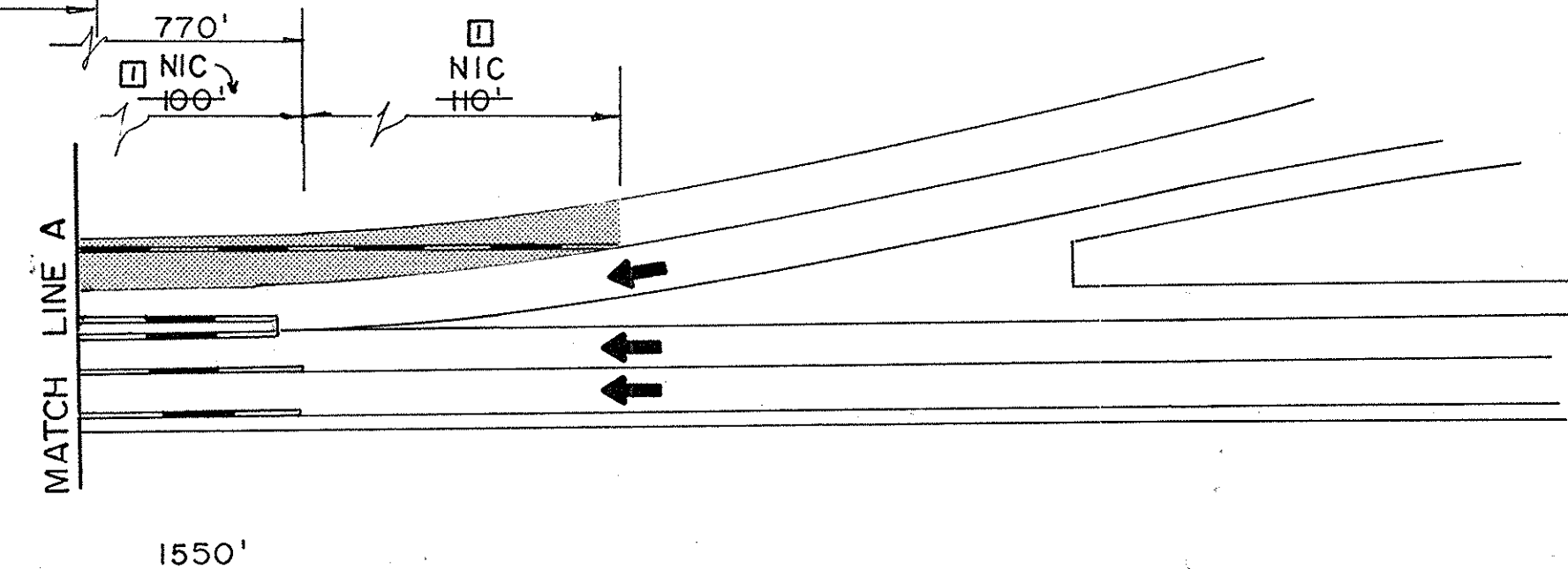


NOTES:

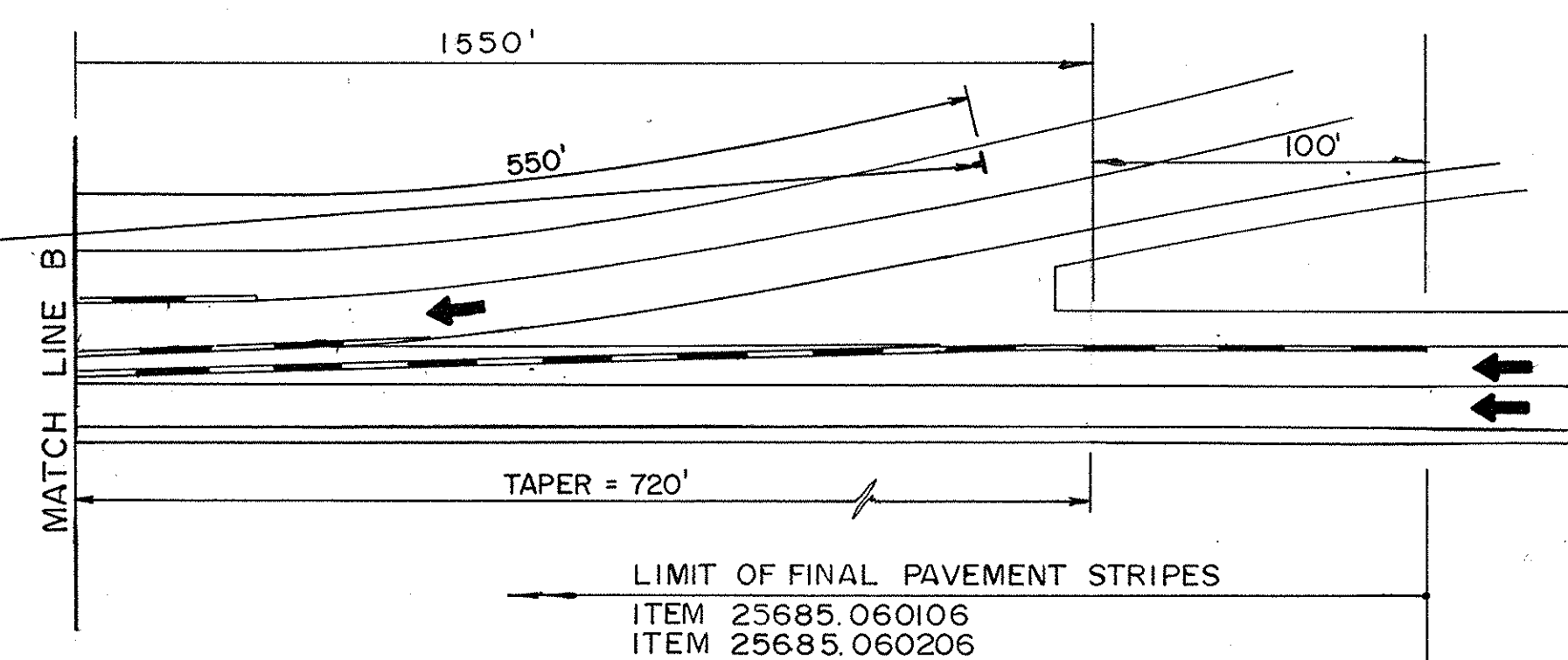
1. REFER TO DWG. NO. MIS-2 FOR CURB RECONSTRUCTION DETAILS.

	DRAWING NUMBER:
	TS-4





Scale: 1" = 50'



Scale : 1" = 50'

TEMPORARY CONCRETE BARRIER ITEM 25619.1701
WITH CONCRETE BARRIER MARKER ITEM 25619.1704
SPACED @ 40' c-c IN TAPER SECTION AND 20' c-c IN
TANGENT SECTION


YELLOW REMOVABLE REFLECTORIZED PAVEMENT STRIPES,
ITEM 15619.1906 (LEFT EDGE)

WHITE REMOVABLE REFLECTORIZED PAVEMENT STRIPES,
ITEM 15619.1905 (RIGHT EDGE & C)

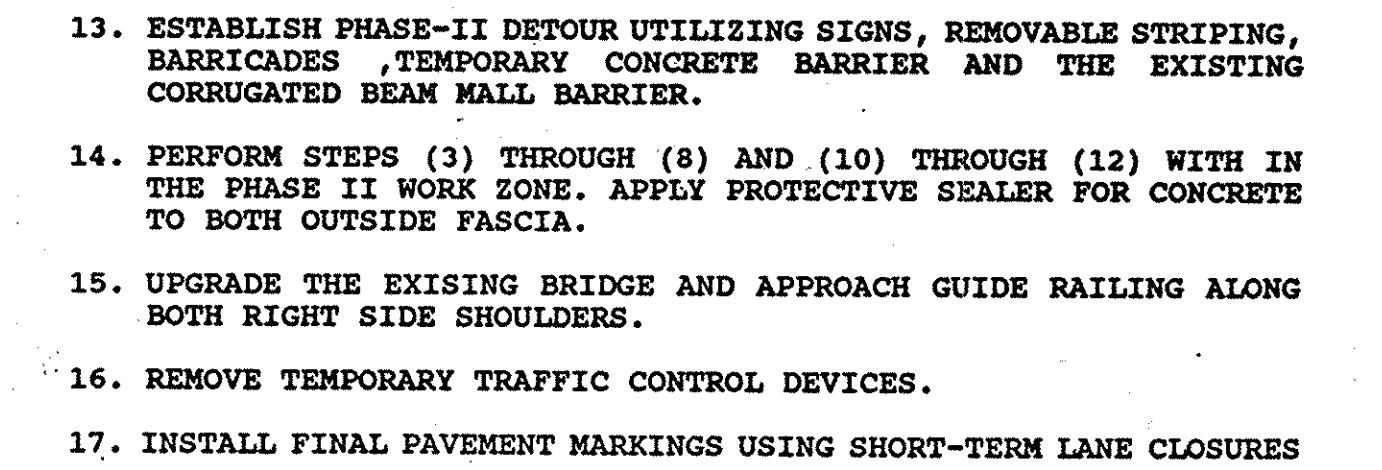
WORK ZONE

LIMIT OF SHOULDER RECONSTRUCTION, SEE SHT. MIS-4 &
FOR DETAILS.

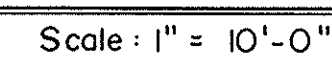
1. FOR MAINTENANCE OF TRAFFIC REQUIREMENTS ON WB, SEE TRAFFIC CONTROL AT INTERCHANGES SERVICE AREAS AND PARKING AREAS DWG. TTP-5.
2. FOR SIGNING REFERENCES AND DRUM PLACEMENTS, SEE DWG. TTP-2 (DOUBLE LANE SHIFT) AND DWG. TTP-4 (SINGLE LANE CLOSURE).
3. FLAGS AND CONSTRUCTION SIGNS TO BE PAID FOR UNDER ITEM 619.02.
4. FOR USE OF ITEM 640.0102 AND ITEM 640.0202, SEE SPECIAL NOTE NO. 1 ON DWG. GN-1.

	CONTRACT NUMBER:
	TAS 92-74 B
	DATE:
	SEPT, 1992
	DRAWING NUMBER:
	MPT - 48

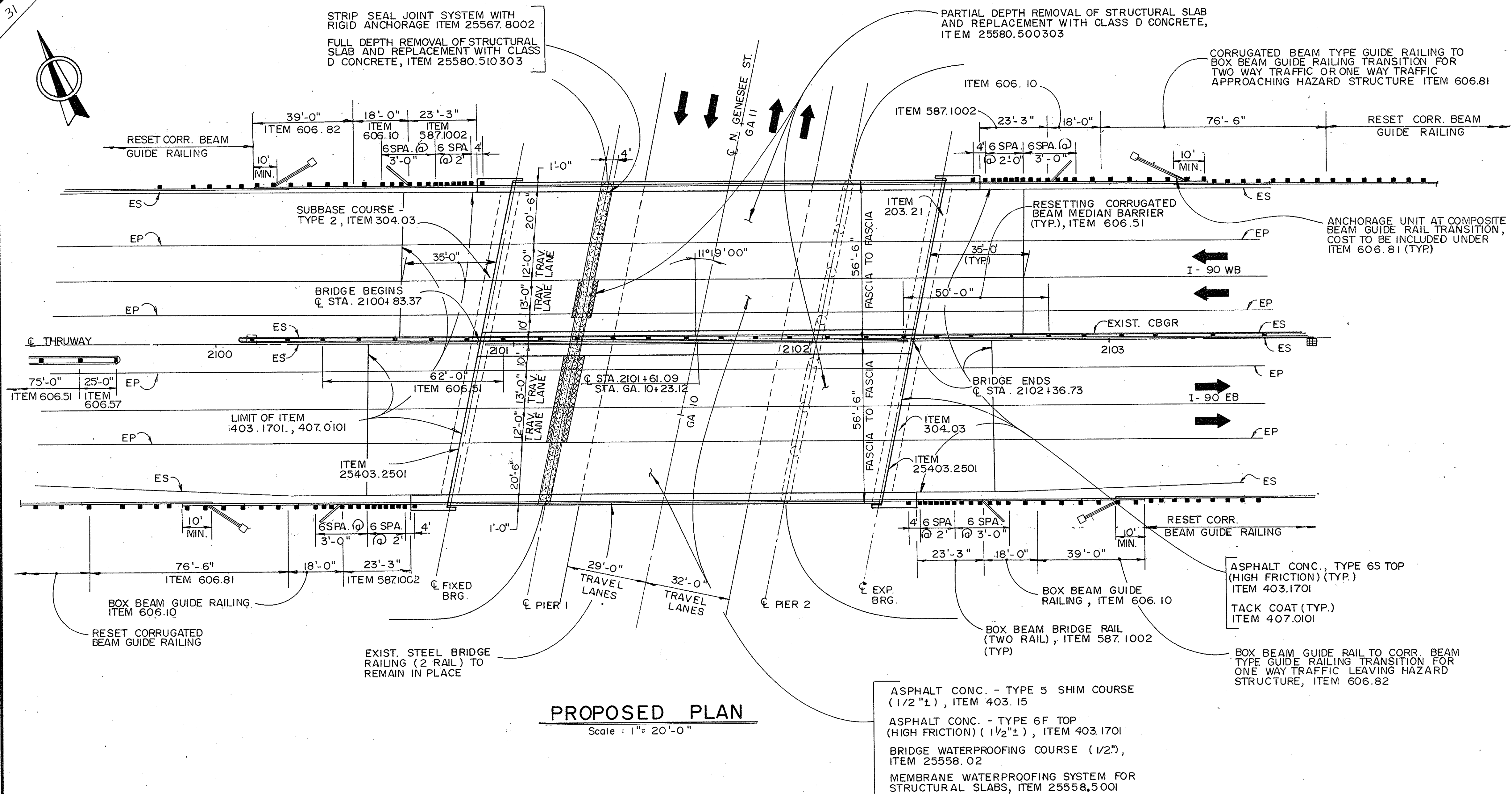




Scale : 1" = 20' - 0"



EP-5



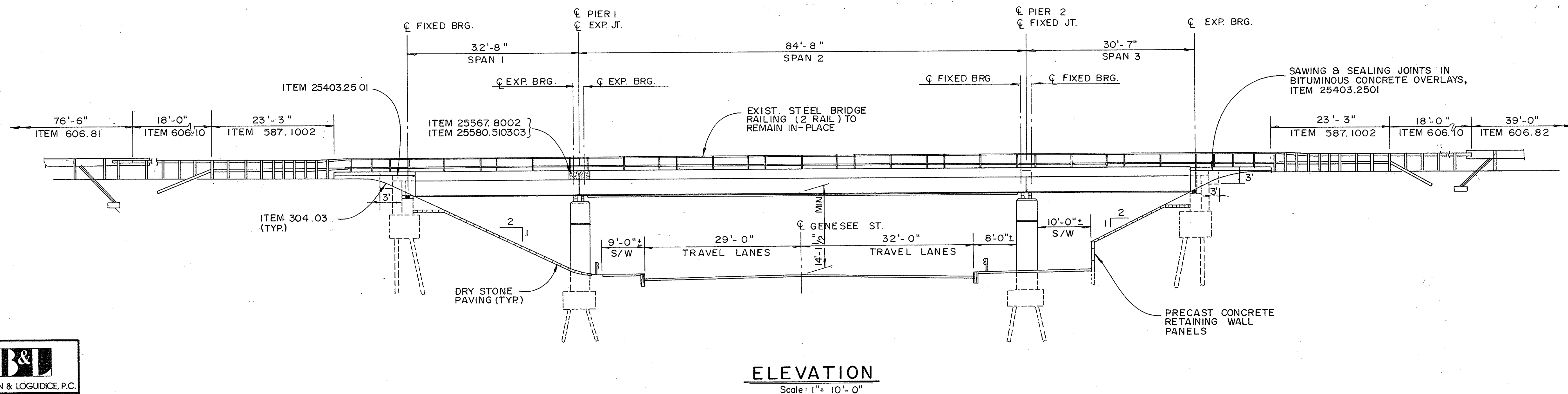
PROPOSED LOAD RATING		
MEMBER	BIN 5051759 (M.P. 233.26)	
	INVENTORY	OPERATING
INTERIOR	HS 21.8 (39.2TON)	HS 40.0 (72 TON)
	H 28.7 (28.7 TON)	H 52.8 (52.8 TON)
** EXTERIOR FASCIA	HS 27.0 (48.6 TON)	HS 49.5 (89.1 TON)
	H 35.6 (35.6 TON)	H 65.3 (65.3 TON)
* MEDIAN FASCIA	HS 25.0 (45.0TON)	HS 48.2 (86.8 TON)
	H 32.9 (32.9 TON)	H 63.6 (63.6 TON)
SAFE LOAD CAPACITY	52.8 TONS	

* MEMBER SHOWS NO SIGNS OF DISTRESS.

MEMBER IS NOT CURRENTLY SUBJECTED TO
DIRECT LIVE LOADING.

NOTES :

1. FOR LIMITS OF SHOULDER RECONSTRUCTION,
SEE DWG. MPT-5.
2. FOR SHOULDER RECONSTRUCTION DETAIL,
SEE DWG. MIS-1.
3. FOR FULL AND PARTIAL DEPTH REPAIR, DETAILS,
SEE DWG. MIS.-1.



BIN		5051759	
	NO REVISIONS	Bad	
DATE	DESCRIPTION	BY	SYM

REVISIONS

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT BRIDGE DECK
STRIP, SEAL & OVERLAY

LOCATION OF PROJECT
MP 233.26

TITLE OF DRAWING

PROPOSED PLAN & ELEVATION

CONTRACT NUMBER:

TAS 92-74B

DATE _____

SEPT. 1992

DRAWING NUMBER

PP - 5

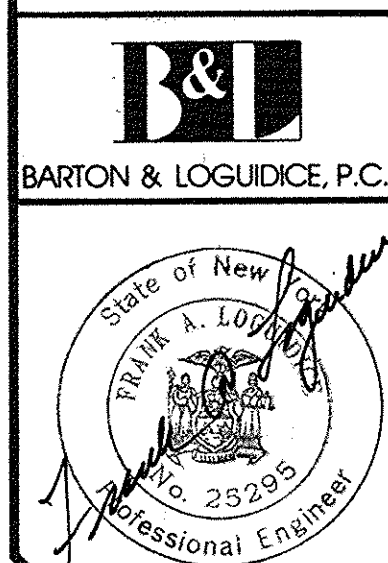


Q: What is the purpose of the study?

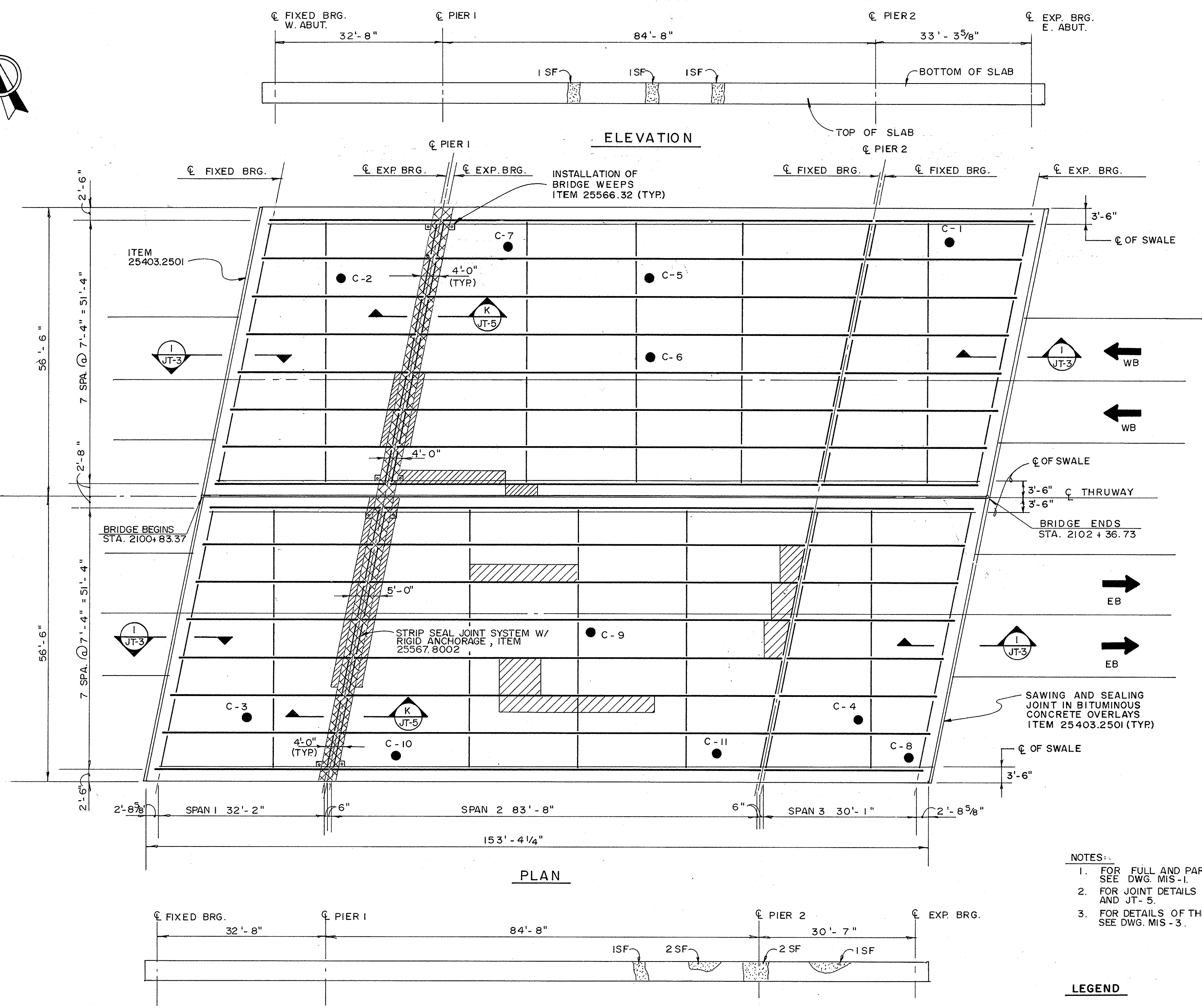
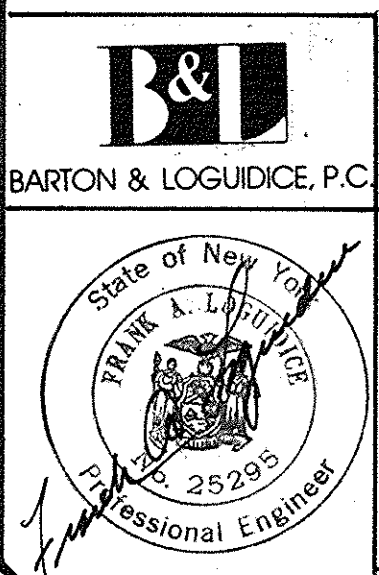
CHECKED BY: _____

RAFTED BY: M.E. Knowlton

DESIGNED BY:



IN CHARGE OF: *Robert D. Humaday*
 DESIGNED BY: *Thomas C. Paul*
 DRAFTED BY: *M.F. Kinnick*
 CHECKED BY: *W. Paul Zindel*



- NOTES:**
1. FOR FULL AND PARTIAL DEPTH REPAIR DETAIL, SEE DWG. MIS-1.
 2. FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-3 AND JT-5.
 3. FOR DETAILS OF THE INSTALLATION OF BRIDGE WEEP, SEE DWG. MIS-3.

- LEGEND**
- FULL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303
 - PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303
 - REMOVAL OF STRUCTURAL CONCRETE & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25582.06
 - C-# BRIDGE DECK CORE LOCATION

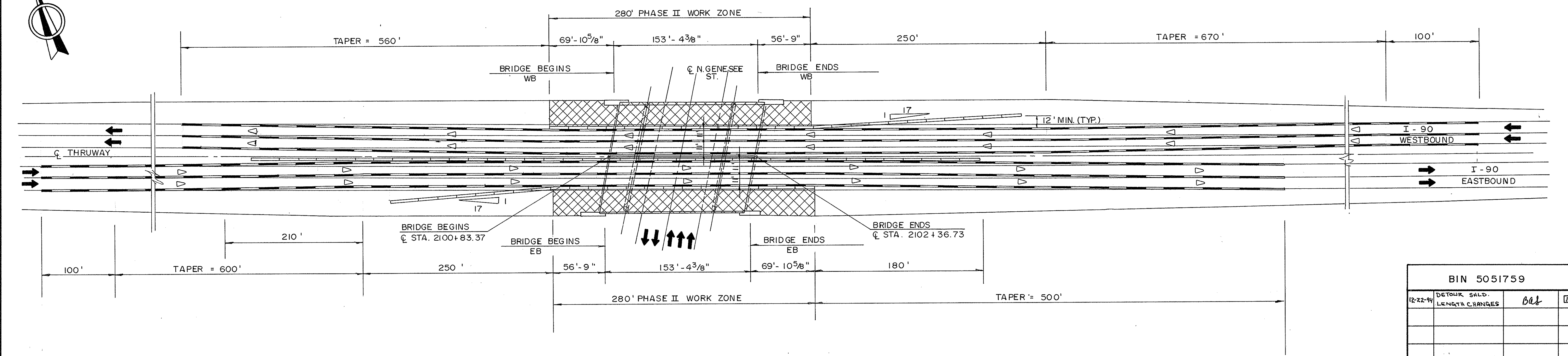
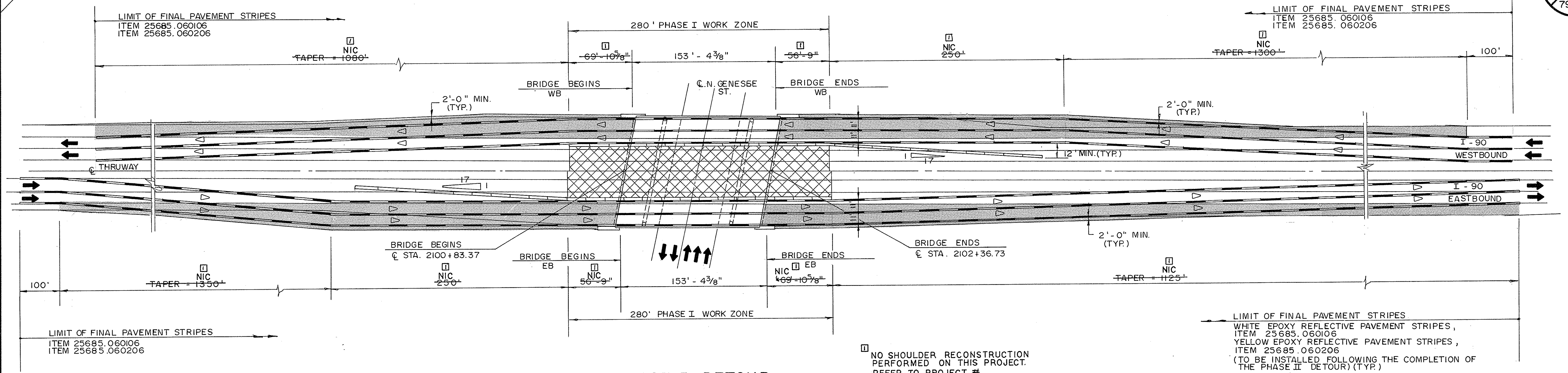
BIN 5051759			
	No	Revisions	By
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 233.26			
TITLE OF DRAWING DECK REPAIR PLAN			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: SEPT., 1992	
		DRAWING NUMBER: DR-5	

CHECKED BY: *W. Jane Gidol*

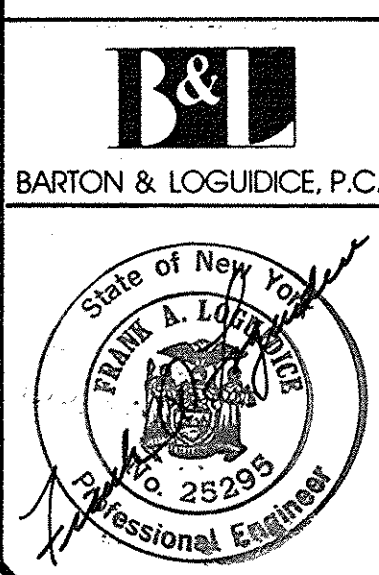
DRAFTED BY: *M.E. Kordas*

DESIGNED BY: *Thomas C. Hall*

IN CHARGE OF: *Robert J. Donnelly*



NOTE:
FOR SIGNING REFERENCES AND DRUM PLACEMENTS, SEE DWG. TTP-2



- LEGEND**
- TEMPORARY CONCRETE BARRIER, ITEM 25619.1701 WITH CONCRETE BARRIER MARKER, ITEM 25619.1704 SPACED 10' 40" c-c IN TAPER SECTION AND 20' c-c IN TANGENT SECTION
 - YELLOW REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1906 (LEFT EDGE)
 - WHITE REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1905 (RIGHT EDGE & C)
 - WORK ZONE
 - LIMIT OF SHOULDER RECONSTRUCTION, SEE DWG. MIS-1 FOR DETAILS

BIN 5051759			
12-22-94	DETOUR SLD. LENGTH CHANGES	bat	<input checked="" type="checkbox"/>
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 233.26			
TITLE OF DRAWING: MAINTENANCE & PROTECTION OF TRAFFIC			
CONTRACT NUMBER: TAS 92-74B		DATE: SEPT., 1992	
DRAWING NUMBER: MPT-5R			

THE EXIST. 'TUNING FORK' CONNECTION BETWEEN BOX BEAM AND BRIDGE RAIL SHALL BE FIELD CUT. THE COST SHALL BE INCLUDED IN THE BID PRICE OF ITEM 606.74 (TYP. ALL FOUR W.W.)

✓ PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB &
REPLACEMENT WITH CLASS D CONCRETE,
ITEM 25580.500303

FULL DEPTH REMOVAL OF STRUCTURAL SLAB AND
REPLACEMENT WITH CLASS D CONCRETE, ITEM
25580.510303

SAW CUTTING ASPHALT PAV'T, CONC. PAV'T.
- ASPHALT ON CONCRETE PAV'T. COST TO BE
INCLUDED UNDER ITEM 25580.510303
(TYP. BOTH SIDES OF JOINT)

SUGGESTED SEQUENCE OF WORK (M.P. 233.27)

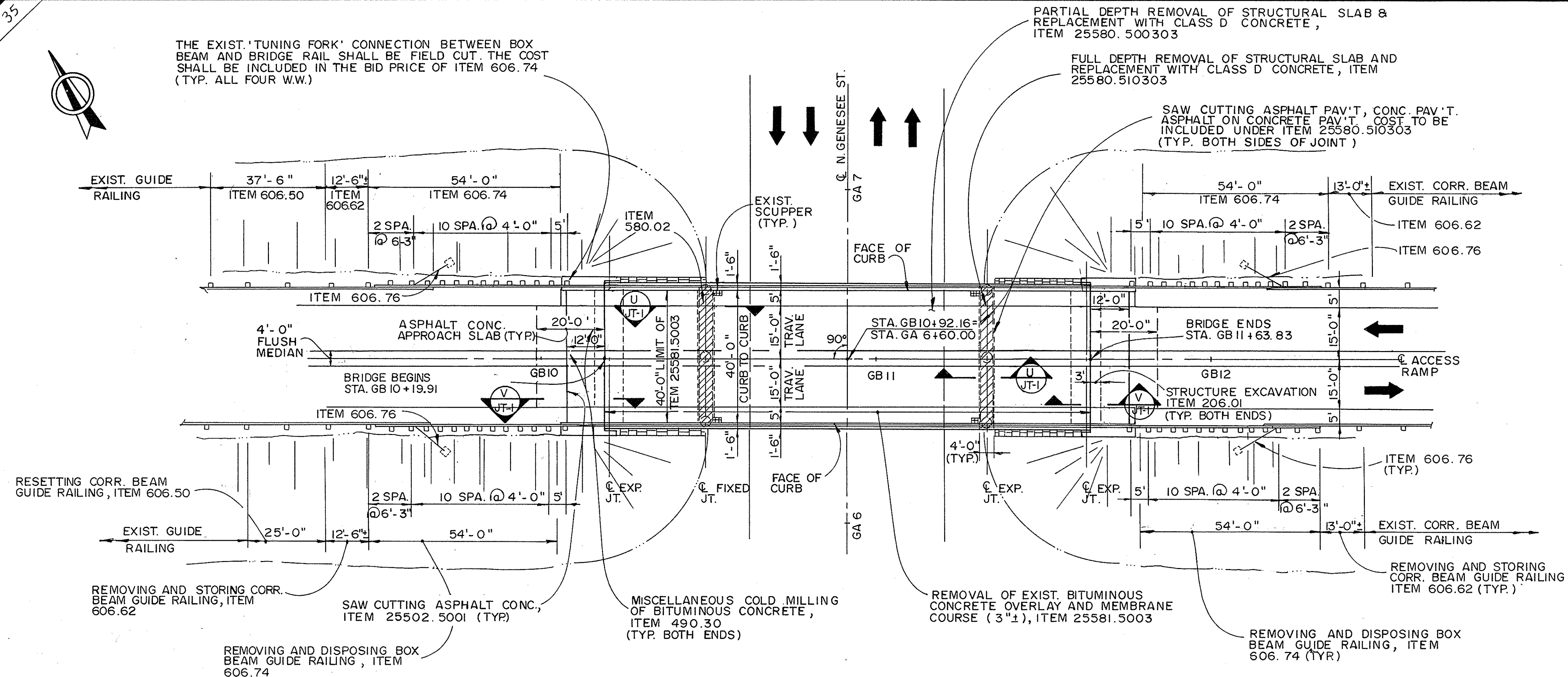
1. INSTALL TEMPORARY TRAFFIC SIGNALS AND CONTROLS ON EACH END OF THE BRIDGE.
2. ESTABLISH PHASE-I DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, BARRICADES AND TEMPORARY CONCRETE BARRIER.

PHASE I WORK

3. SAW CUT ASPHALT CONCRETE PAVEMENT AND COMPLETELY REMOVE BITUMINOUS CONCRETE OVERLAY AND MEMBRANE FROM THE BRIDGE.
4. SAW CUT AND COLD MILL ASPHALT CONCRETE APPROACH PAVEMENT WITHIN THE LIMITS INDICATED.
5. SAW CUT CONCRETE ON BOTH SIDES OF THE JOINT AT PIER 1 AND 2; REMOVE THE EXISTING JOINT.
6. EXCAVATE BEHIND BOTH BACKWALLS, DRILL AND GROUT REINFORCING BARS INTO THE END OF THE STRUCTURAL SLAB, AND POUR CLASS A CONCRETE.
7. INSTALL STRIP SEAL JOINT WITH RIGID ANCHORAGE AT PIER 1 AND 2.
8. INSTALL MEMBRANE WATERPROOFING SYSTEM.
9. BACKFILL BEHIND BOTH BACKWALLS
10. PAVE WITH ASPHALT CONCRETE BOTH THE BRIDGE AND THE APPROACHES.
11. REPAIR EXISTING BRIDGE RAILING AND UPGRADE APPROACH GUIDE RAILING
12. SAW CUT AND SEAL BOTH BEGINNING AND END JOINTS.

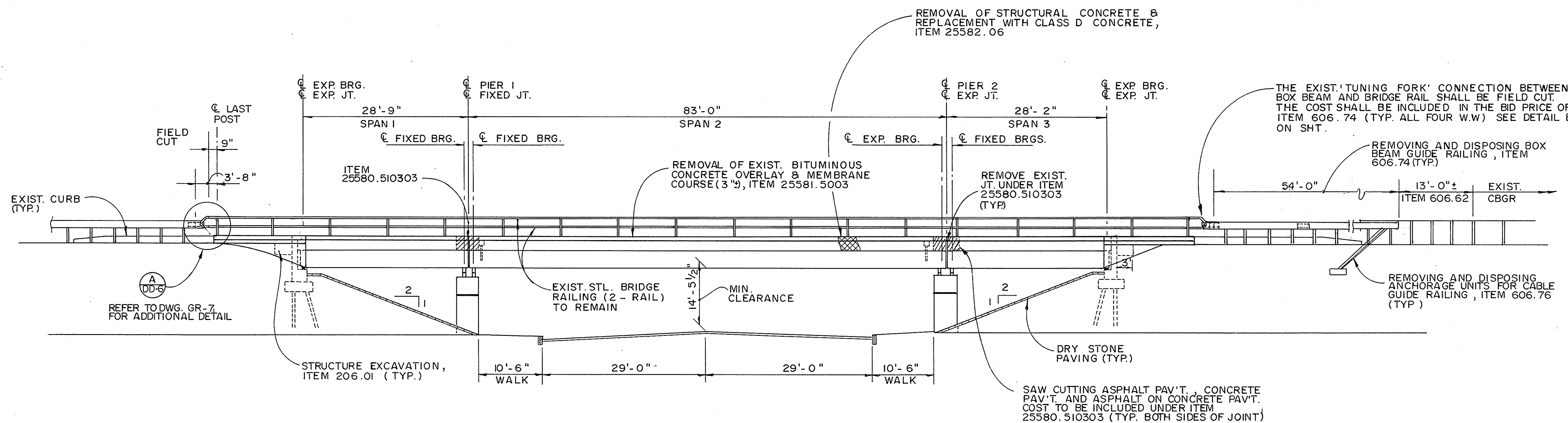
PHASE II WORK

13. ESTABLISH PHASE-II DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, BARRICADES AND TEMPORARY CONCRETE BARRIER.
14. PERFORM STEPS (3) THROUGH (12) WITH IN THE PHASE II WORK ZONE. APPLY PROTECTIVE SEALER FOR CONCRETE ON BOTH FASCIA.
15. REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.
16. FURNISH AND INSTALL PRECAST CONCRETE MEDIAN BARRIER AND INSTALL FINAL PAVEMENT MARKINGS USING SHORT-TERM LANE CLOSURES.




EXISTING PLAN

Scale: 1" = 20'



ELEVATION

Scale : 1" = 10'

BIN 501740			
	NO REVISIONS	bal	
DATE	DESCRIPTION	BY	SV
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 233. 27			
TITLE OF DRAWING			
EXISTING PLAN & ELEVATION			
		CONTRACT NUMBER:	
		TAS 92-74B	
		DATE:	
		SEPT., 1992	
		DRAWING NUMBER:	
		EP-6	

PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB
AND REPLACEMENT WITH CLASS D CONCRETE,
ITEM 25580.500303

BOX BEAM BRIDGE RAILING (TWO RAIL)
(TYP.), ITEM 587.1002
SEE DETAIL ON SHT.

STRIP SEAL JOINT SYSTEM WITH
RIGID ANCHORAGE, ITEM 25567.8002
FULL DEPTH REMOVAL OF STRUCTURAL
SLAB AND REPLACEMENT WITH CLASS D
CONCRETE, ITEM 25580.510303

BOX BEAM GUIDE RAILING
ITEM 606.10 (TYP. ALL
FOUR CORNERS)
SEE DWG. GRD-1 FOR TRANSITION FROM BOX BEAM GUIDE
RAIL TO CORRUGATED BEAM GUIDE RAIL (TYP. ALL FOUR
CORNERS)

FURNISH AND INSTALL PRECAST
CONCRETE MEDIAN BARRIER,
ITEM 25606.4350 (SEE DWG. MB-6 FOR DETAILS)
INSTALL DELINEATOR, BACK TO BACK
BAND OR BRACKET MOUNTED,
ITEM 25646.0612 (SEE DWG. MB-6 FOR DETAILS)

USE PAY FACTOR, I-BEAM POSTS
FOR EXISTING CORRUGATED BEAM
GUIDE RAIL (NO CONN. REQUIRED)
TYP. ALL FOUR QUADRANTS. SEE
DWG. GRD-1 FOR DETAILS.

PROPOSED LOAD RATINGS

MEMBER	BIN 5051740 (M.P. 233.27)	
	INVENTORY	OPERATING
INTERIOR	HS 37.8 (68.0 TON)	HS 61.5 (110.7 TON)
	H 48.4 (48.4 TON)	H 71.5 (71.5 TON)
*FASCIA	HS 24.0 (43.2 TON)	HS 41.9 (75.4 TON)
	H 31.8 (31.8 TON)	H 55.6 (55.6 TON)
SAFE LOAD CAPACITY	55.6 TONS	

* MEMBER SHOWS NO SIGNS OF DISTRESS.

PROPOSED PLAN

Scale: 1" = 20'

ASPHALT CONCRETE - TYPE 5 SHIM COURSE
(1/2") ±, ITEM 403.15.

ASPHALT CONCRETE - TYPE 6F TOP COURSE
(HIGH FRICTION) (1/2"), ITEM 403.1701

BRIDGE WATERPROOFING COURSE (1/2" ±),
ITEM 25558.02

MEMBRANE WATERPROOFING SYSTEM FOR
STRUCTURAL SLABS, ITEM 25558.5001

ELEVATION

Scale: 1" = 10'

BIN 5051740

NO REVISIONS	BAF

REVISIONS

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT **BRIDGE DECK
STRIP, SEAL & OVERLAY**

LOCATION OF PROJECT
M.P. 233.27

TITLE OF DRAWING
PROPOSED PLAN & ELEVATION

CONTRACT NUMBER:

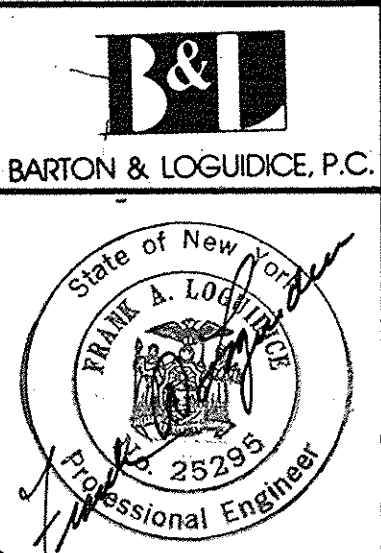
TAS 92-748

DATE:

SEPT, 1992

DRAWING NUMBER:

PP-6



BARTON & LOGUIDICE, P.C.

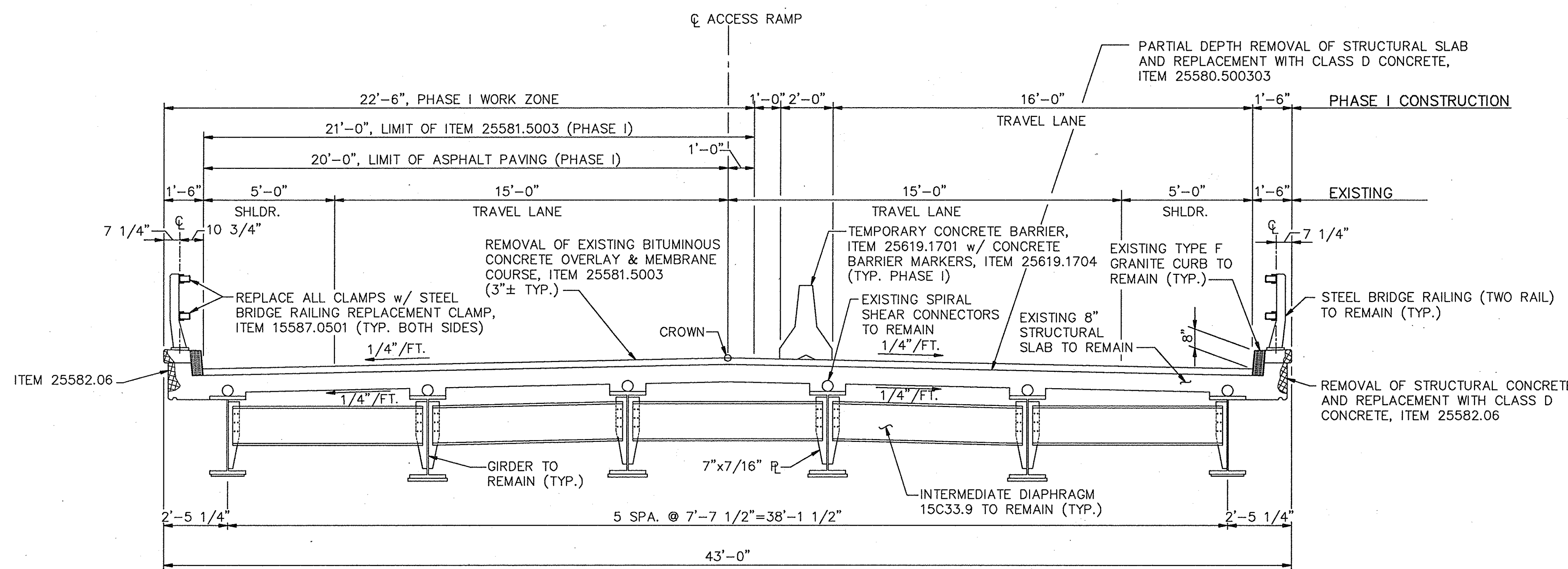
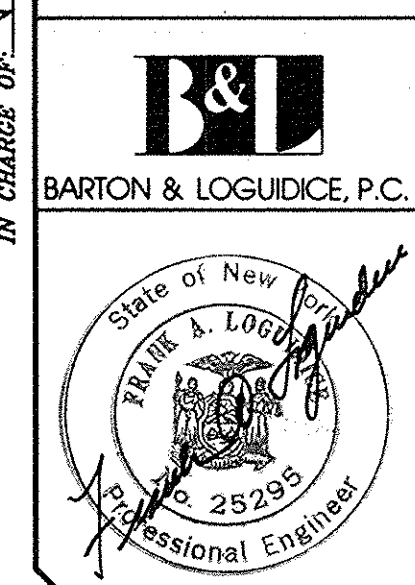
CHECKED BY: *W. Paul Gabel*
DRAFTED BY: *M.E. H. H. H.*
DESIGNED BY: *Thomas C. Hall*
IN CHARGE OF: *Robert W. Kennedy*

CHECKED BY: D. Paine

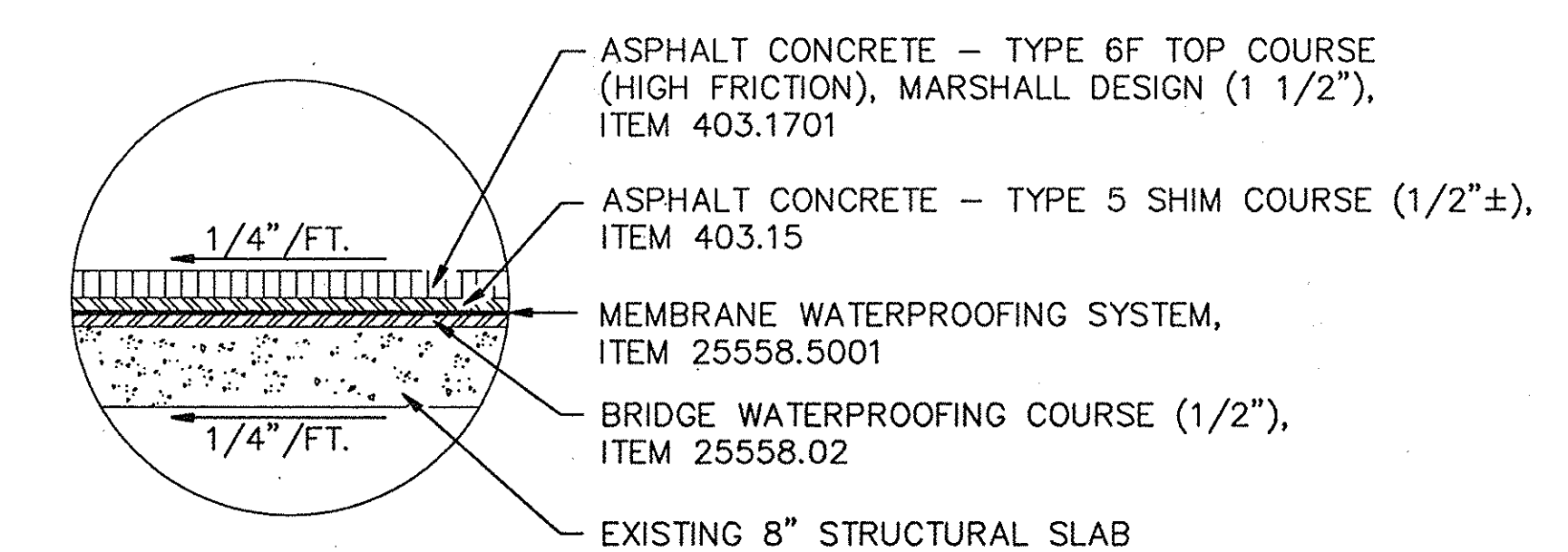
DRAFTED BY: M.E. Kowalski

DESIGNED BY: Thomas C. Hill

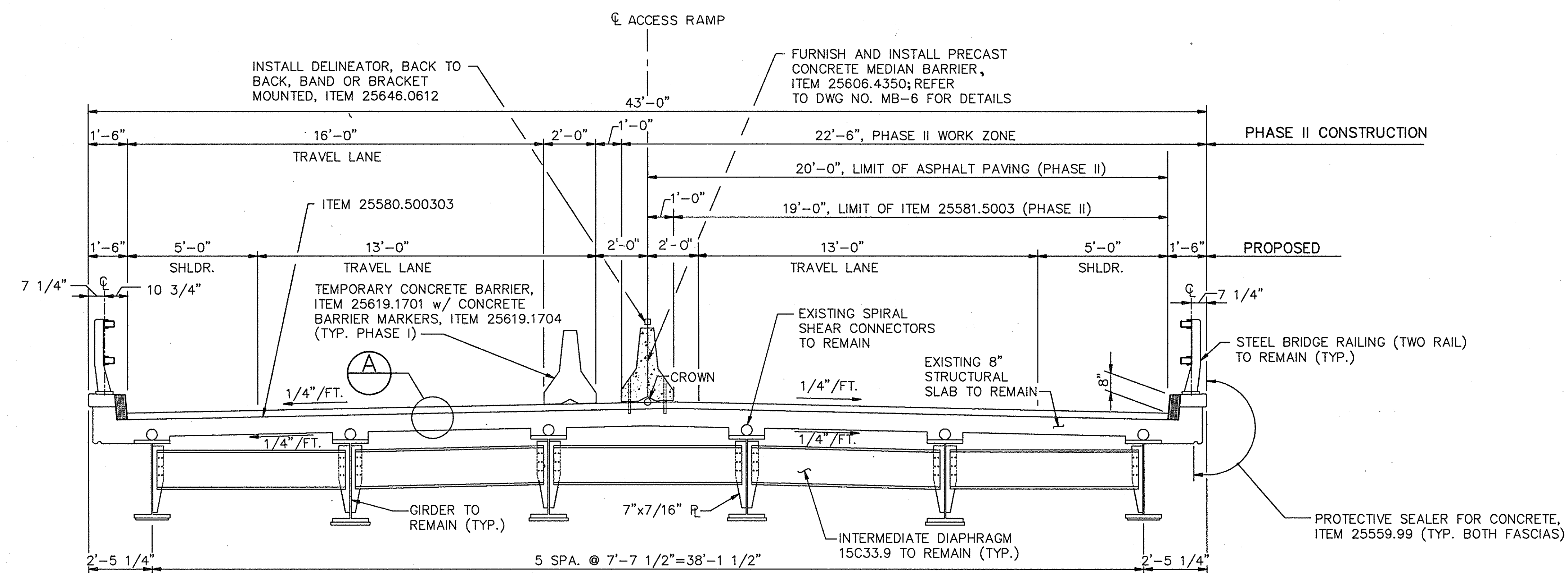
IN CHARGE OF: Robert D. Hamady




EXISTING TRANSVERSE SECTION
SCALE: 3/8" = 1' - 0"
(LOOKING WEST)



DETAIL A
N.T.S.
(PROPOSED OVERLAY SYSTEM)



PROPOSED TRANSVERSE SECTION
SCALE: 3/8" = 1' - 0"
(LOOKING WEST)

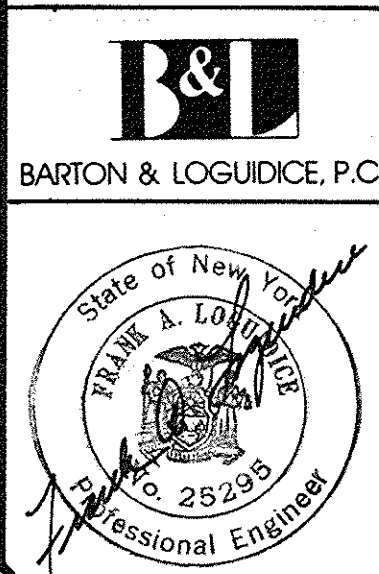
BIN 5051740			
NO REVISIONS		Baf	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT		BRIDGE DECK STRIP, SEAL & OVERLAY	
LOCATION OF PROJECT M.P. 233.27			
TITLE OF DRAWING TYPICAL SECTIONS			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: SEPT., 1992	
		DRAWING NUMBER: TS-6	

CHECKED BY: *W. Gene Sydor*

DRAFTED BY: *M. E. Brandt*

DESIGNED BY: *Thomas C. Hall*

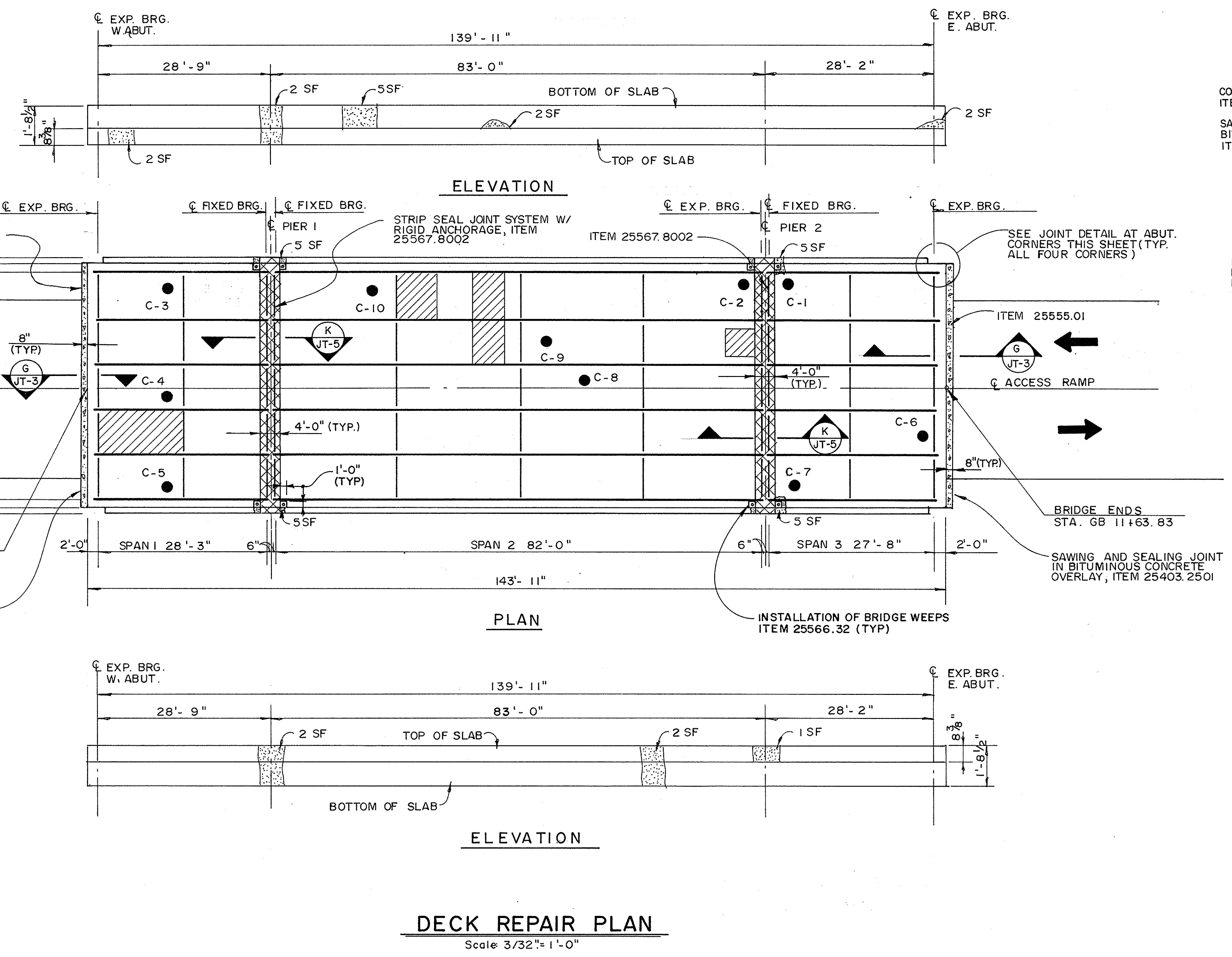
IN CHARGE OF: *Robert W. Starnes*



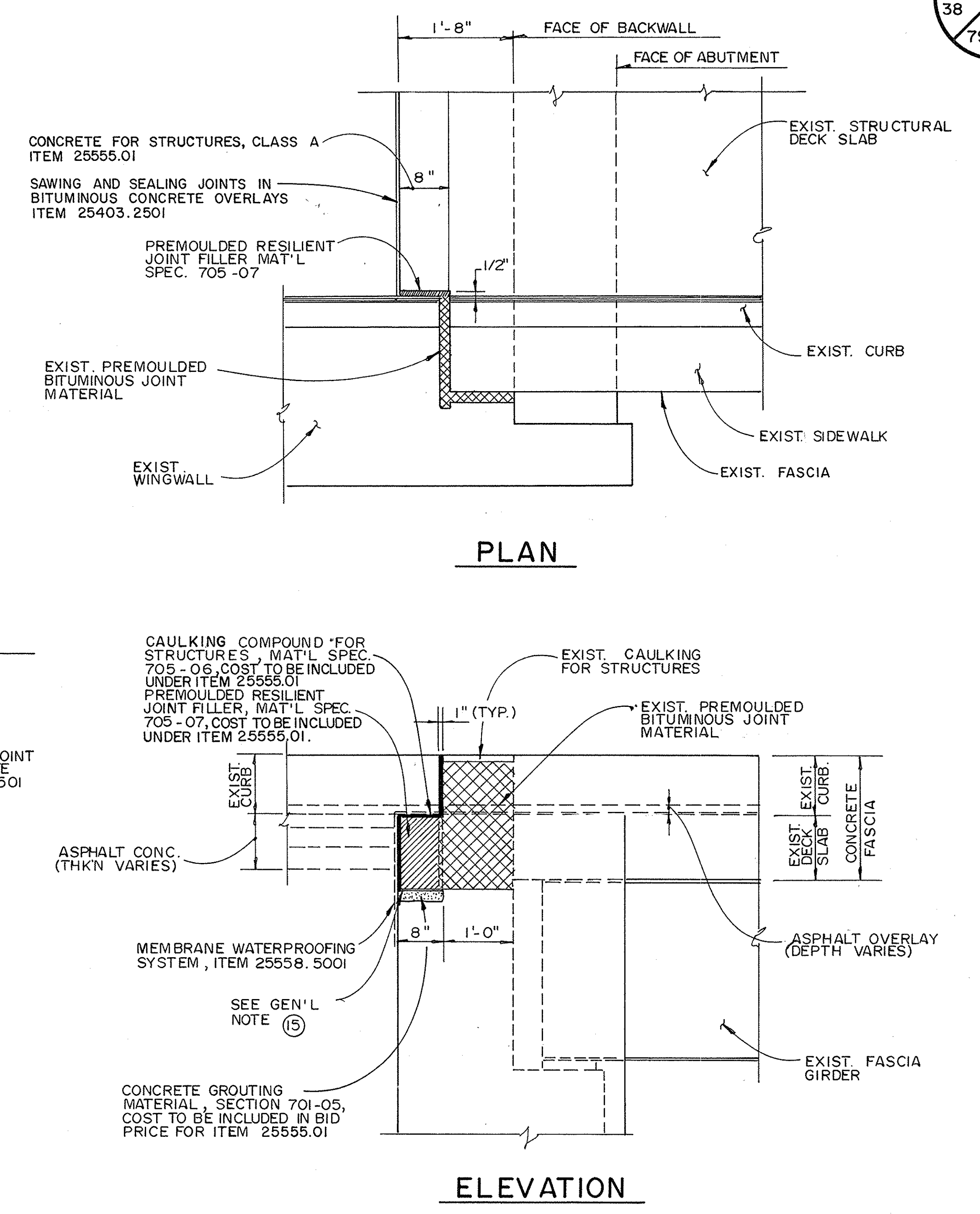
CONCRETE FOR STRUCTURES, CLASS A
ITEM 25555.01

LEGEND

- FULL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303
- PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303
- REMOVAL OF STRUCTURAL CONCRETE & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25582.06
- BRIDGE DECK CORE LOCATION
- CONCRETE FOR STRUCTURES, CLASS A, ITEM 25555.01



DECK REPAIR PLAN
Scale: 3/32" = 1'-0"



**JOINT DETAIL AT
ABUTMENT CORNERS**

- NOTES:**
- FOR FULL AND PARTIAL DEPTH REPAIR DETAIL, SEE DWG. MIS-1.
 - FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-3 AND JT-5.
 - FOR DETAILS OF THE INSTALLATION OF BRIDGE WEEPS, SEE DWG. MIS-3.

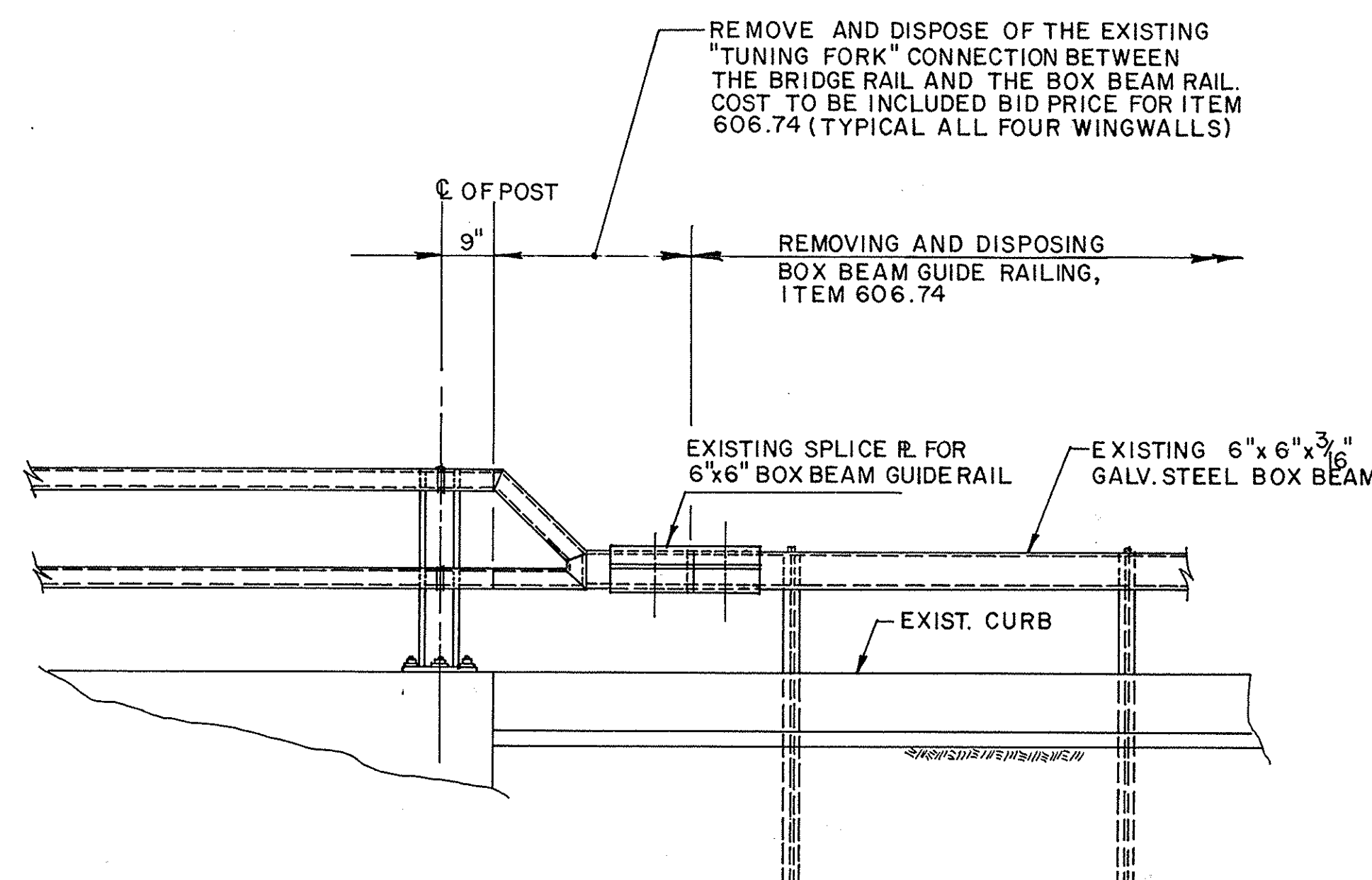
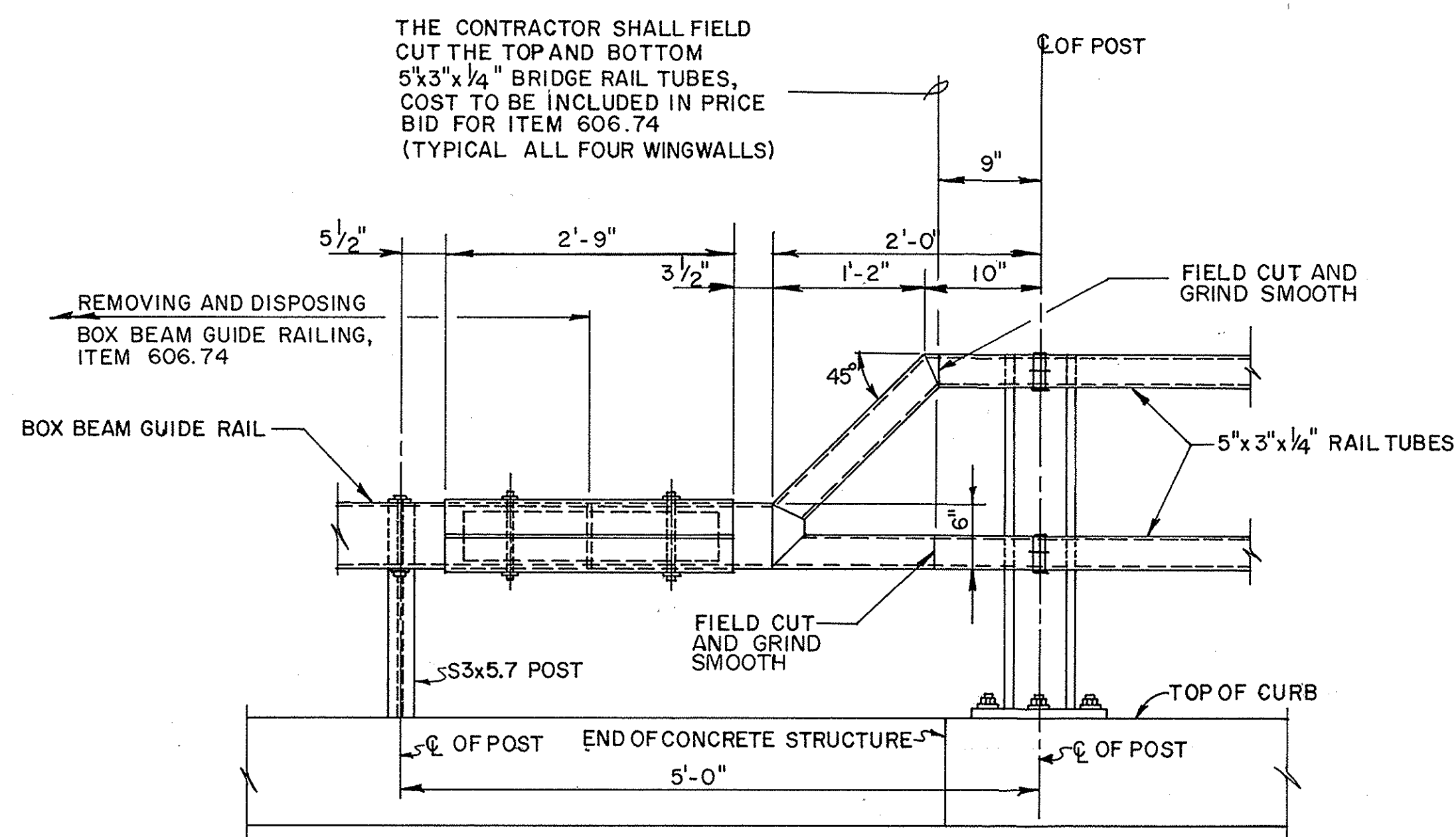
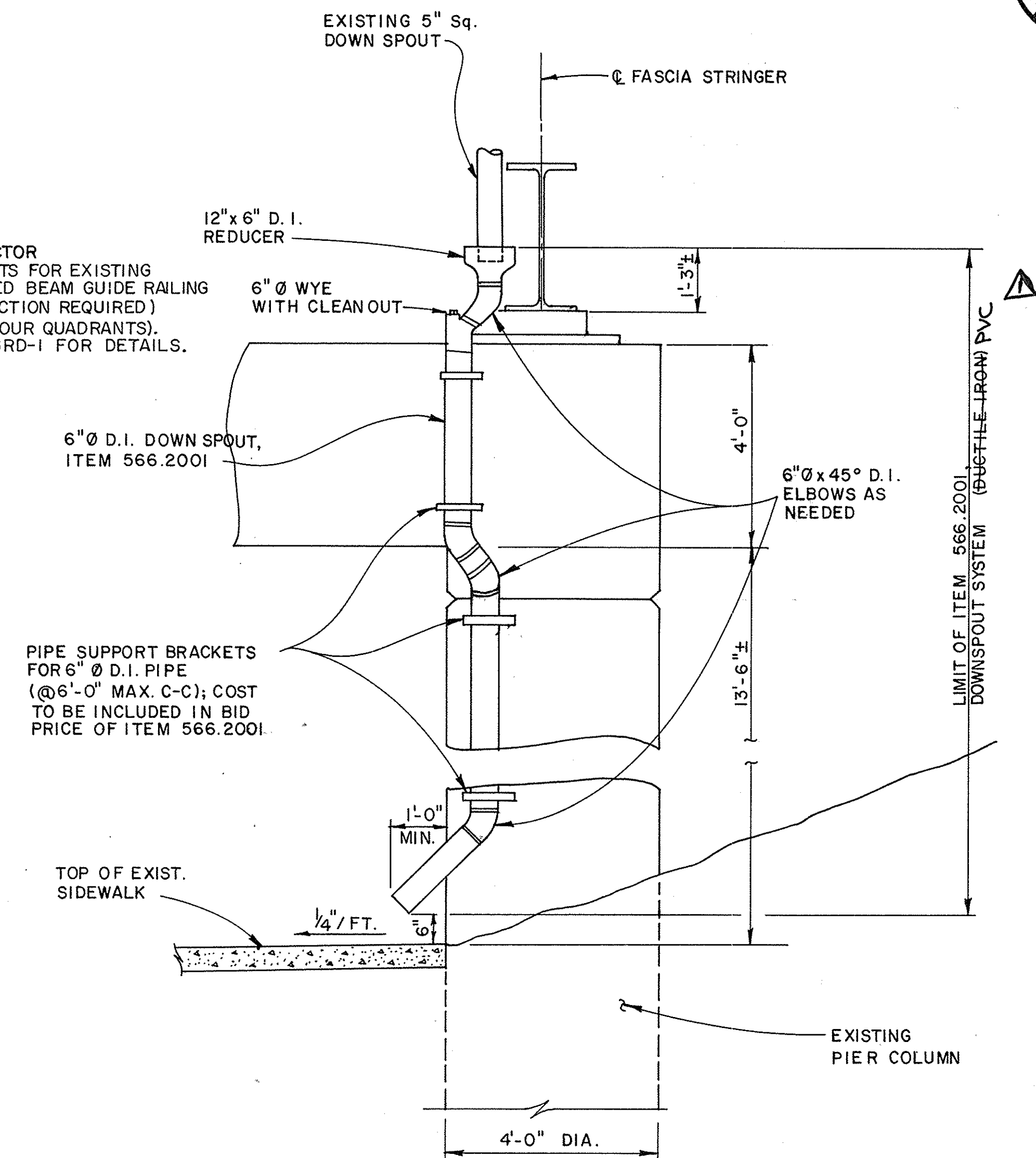
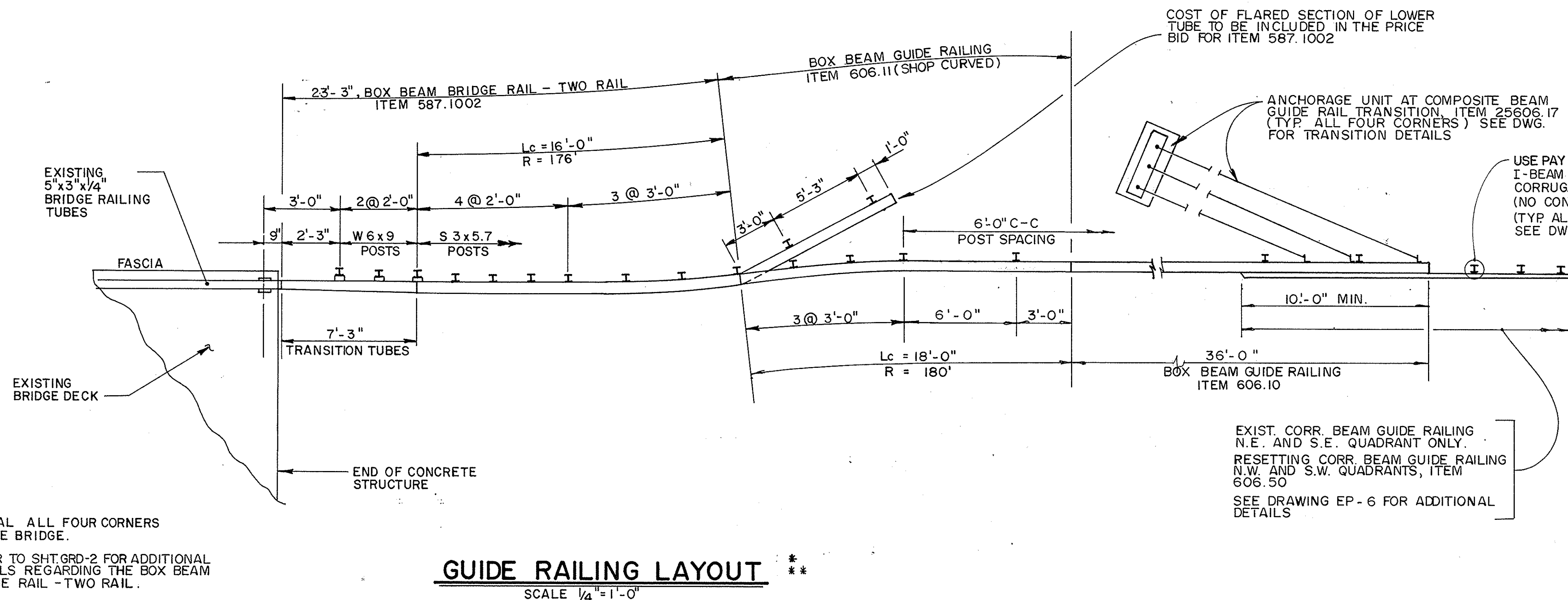
BIN 5051740			
	NO REVISIONS	But	
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 233.27			
TITLE OF DRAWING DECK REPAIR PLAN			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: SEPT., 1992	
		DRAWING NUMBER: DR-6	


CHECKED BY: W. Paul Zudob

DRAFTED BY: M.F. Knowlton

DESIGNED BY: Thomas C. Ward

IN CHARGE OF: Robert L. Humaday



BIN 5051740				
	PVC VS. DUCTILE IRON		Bel	4
DATE	DESCRIPTION	BY	S	
REVISIONS				
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209				
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY				
LOCATION OF PROJECT M.P. 233.27				
TITLE OF DRAWING DOWNSPOUT DETAILS AND GUIDE RAILING LAYOUT				
		CONTRACT NUMBER: TAS 92 - 74B		
		DATE: SEPT., 1992		
		DRAWING NUMBER: DD-68		

7/DATA/ANDY/ACAD10/9274BM1.DWG MNG-ACAD

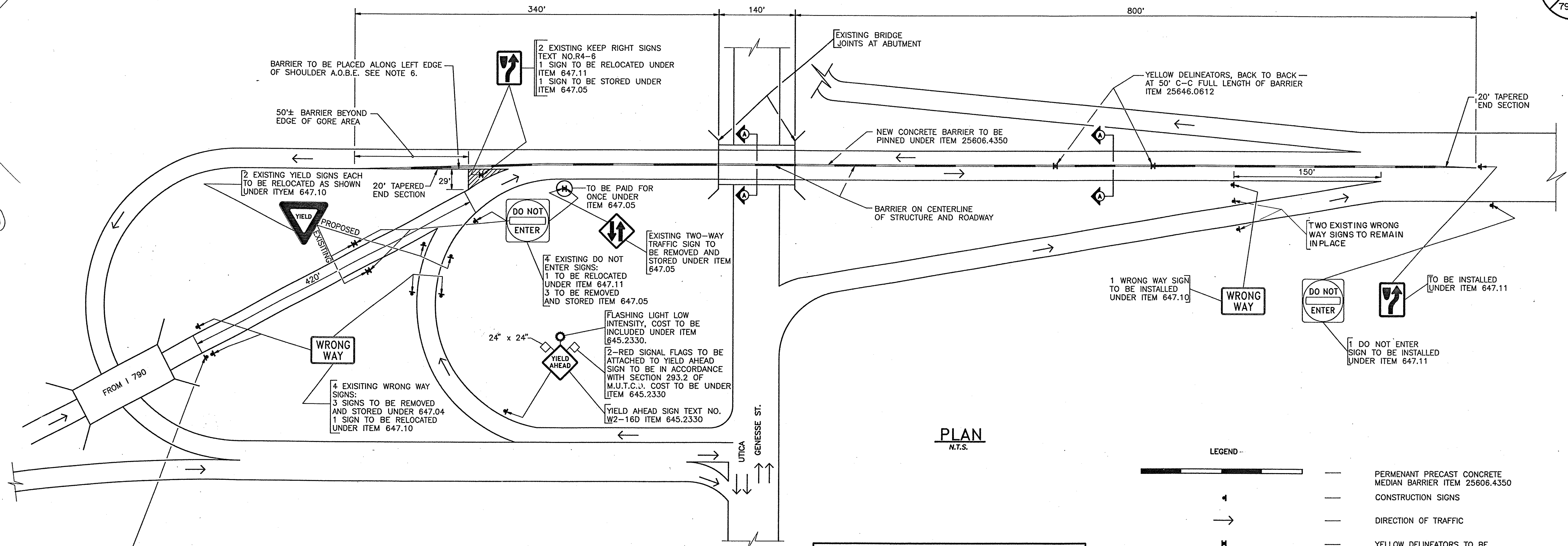
CHECKED BY: *Patricia*

DRAFTED BY: *Michael Mead*

DESIGNED BY: *Thomas Maher*

IN CHARGE OF: *Patricia*

40
79



PLAN
N.T.S.

LEGEND

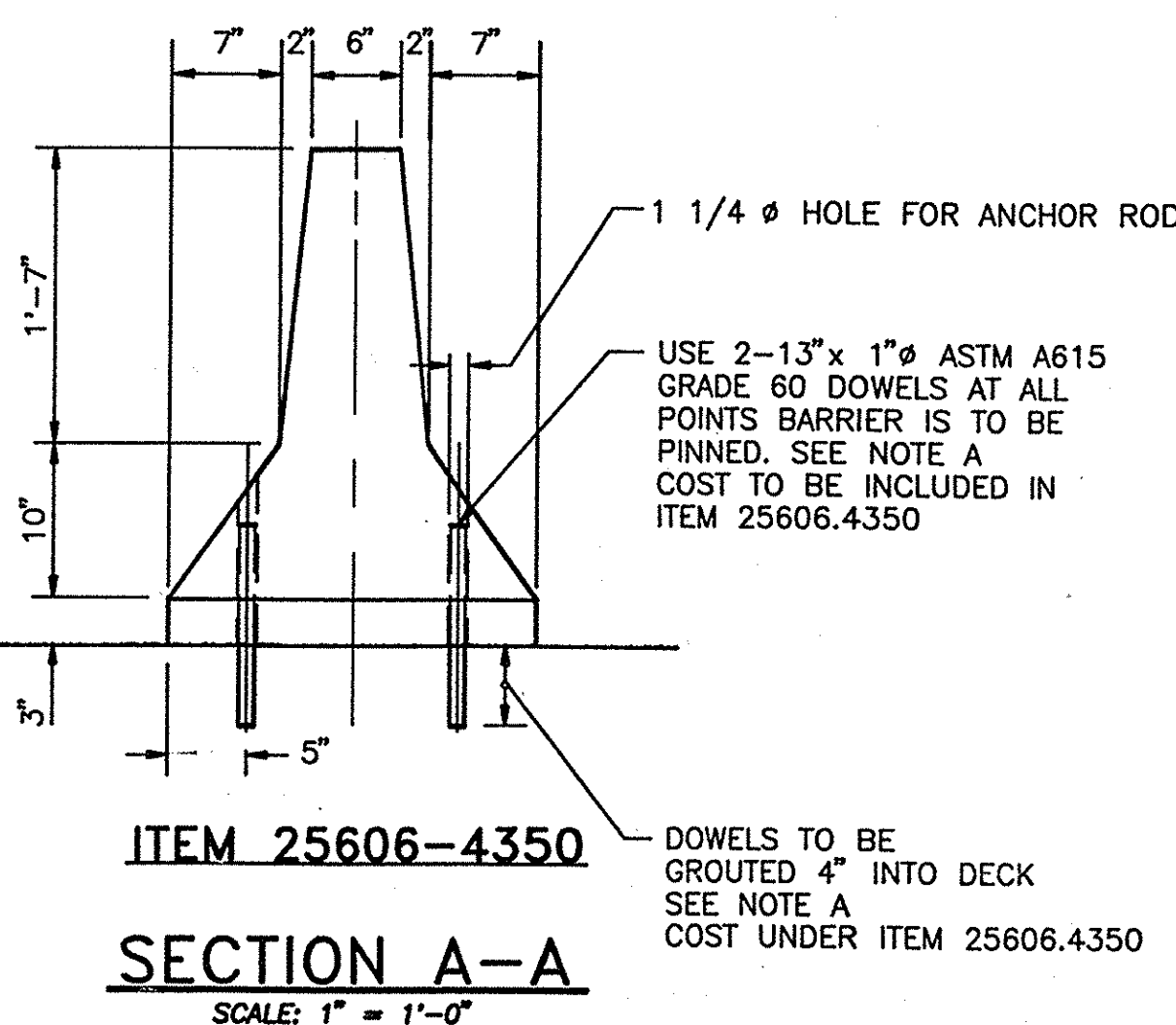


PERMANENT PRECAST CONCRETE
MEDIAN BARRIER ITEM 25606.4350
CONSTRUCTION SIGNS
DIRECTION OF TRAFFIC
YELLOW DELINEATORS TO BE
MOUNTED ON TOP OF NEW
CONCRETE BARRIER.
ITEM 25646.0612

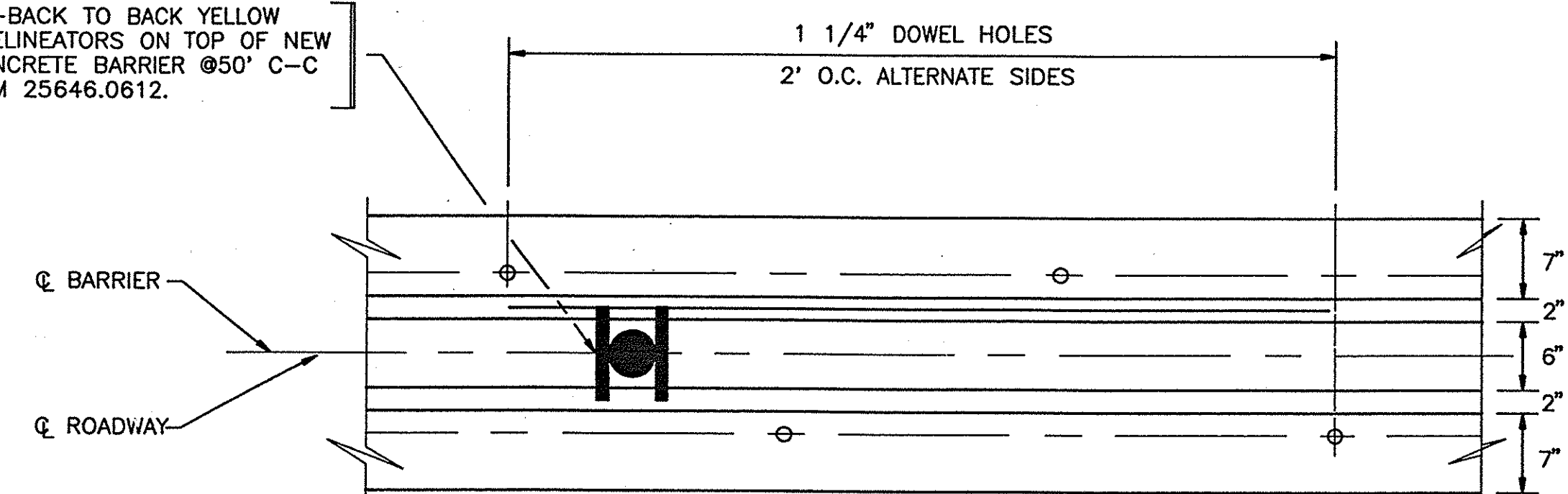
NEW SIGNS				
ITEM NO.	TEXT NO.	SIZE	TEXT	QUANTITY
645.2330	W2-16D	48" x 48"	YIELD AHEAD	1
645.2331	W1-2E	48" x 48"	WRONG WAY	1
	W9-1Y (MOD.)	36" x 36"	20 MPH	1

NOTES:

- ALL SECTIONS OF CONCRETE MEDIAN BARRIER SHALL BE ANCHORED TO THE DECK AND APPROACHES AS SHOWN AND IN ACCORDANCE WITH STANDARD SHEET 619-3R3.
- ALL DOWELS TO BE 1" BELOW FINAL SURFACE OF BARRIER AND REMAINING HOLES TO BE PATCHED WITH A NON-SHRINKING GROUT.
- THE COST OF PROVIDING DOWEL HOLES IN BARRIER, WATERPROOFING PAVEMENT, DECK, AND APPROACH AREA SHALL BE INCLUDED UNDER ITEM 25606.4350.
- THE COST OF FILLING ALL HOLES IN CONCRETE BARRIER, DECK, AND APPROACHES TO BE INCLUDED UNDER ITEM 25606.4350.



27-BACK TO BACK YELLOW DELINEATORS ON TOP OF NEW CONCRETE BARRIER @50' C-C ITEM 25646.0612.

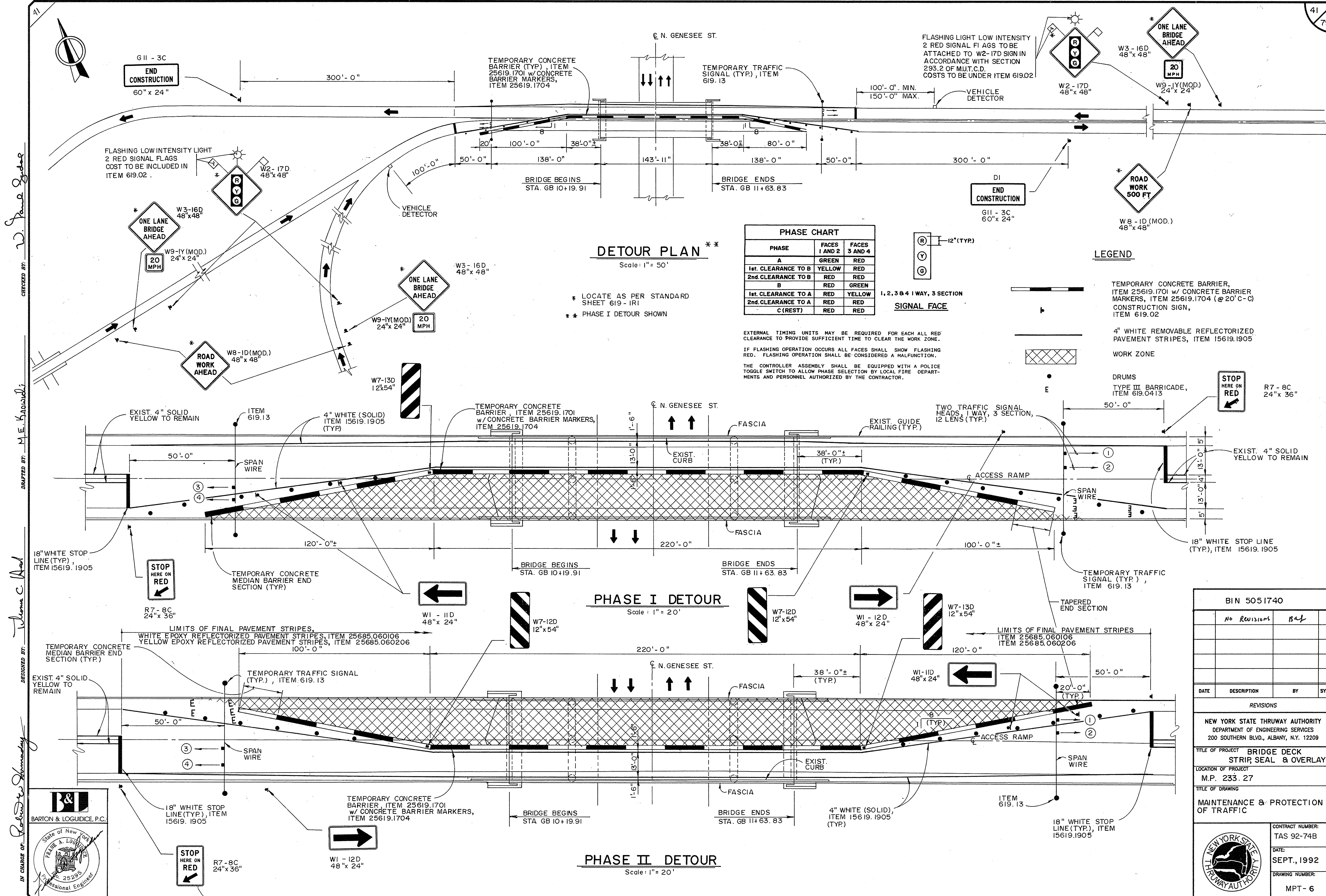


PARTIAL BARRIER PLAN
SCALE: 1" = 1'-0"


NOTES:

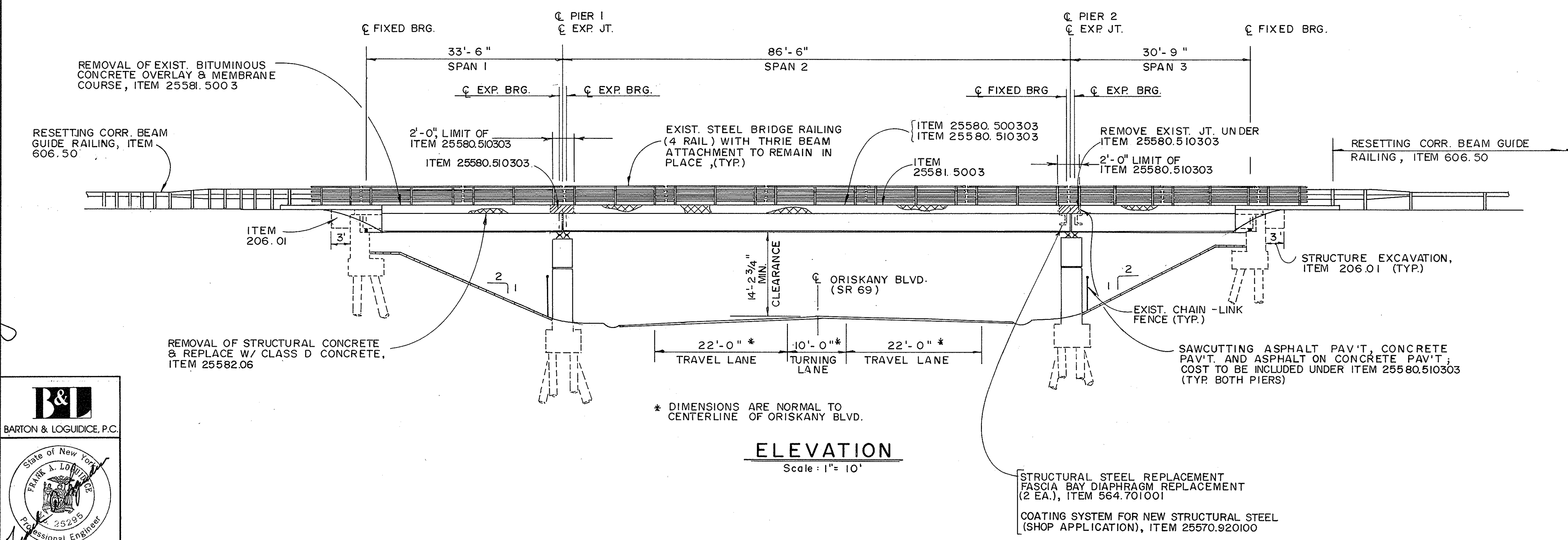
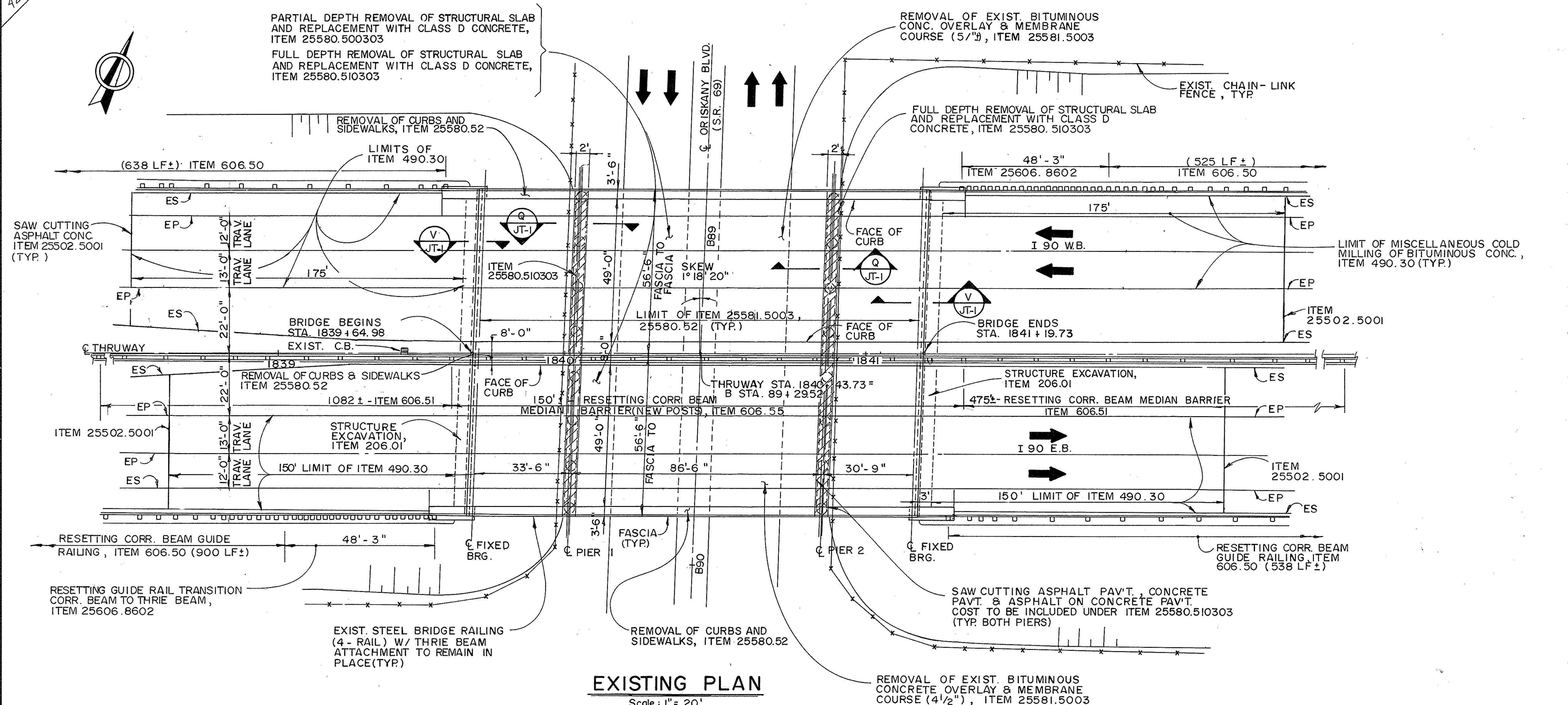
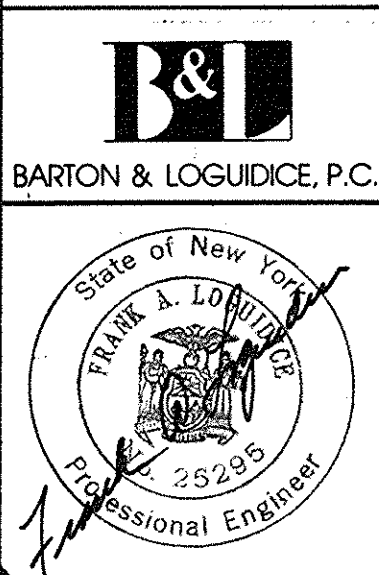
- ALL CONCRETE BARRIERS CALLED FOR UNDER ITEM 25606.4350 WILL REMAIN PERMANENTLY. REFER TO STANDARD SHEET 619-3R3 FOR DETAILS OF CONCRETE BARRIER.
- ALL CONCRETE BARRIER SHALL BE NEW.
- ALL CONNECTION KEYS AND ASSOCIATED HARDWARE TO BE GALVANIZED IN ACCORDANCE WITH SECTION 719 IN THE STANDARD SPECIFICATIONS.
- EVERY OTHER SECTION OF BARRIER TO BE ANCHORED IN ACCORDANCE WITH STANDARD SHEET 619-3R3. ANCHOR RODS SHALL BE SET 1" MIN. BELOW THE EXPOSED SURFACE OF THE CONCRETE BARRIER AND ALL ANCHOR ROD HOLES TO BE GROUTED WITH NON-SHRINK GROUT. A.O.B.E. COST OF GROUTING TO BE UNDER ITEM 25606.4350.
- EXACT LOCATIONS OF SIGNS TO BE DETERMINED BY THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- THE TRANSITION OF BARRIER FROM CENTERLINE OF ROADWAY TO EDGE OF SHOULDER TO BEGIN AS ROADWAY BEGINS TO WIDEN. A.O.B.E. EXISTING LANE WIDTHS TO BE MAINTAINED.
- CONTRACT SYRACUSE DIVISION MAINTENANCE ENGINEER FOR LOCATIONS TO DELIVER SIGNS FOR STORAGE.
- ANY EXISTING SIGNS NOT SHOWN ON PLANS ARE TO REMAIN IN PLACE.

No.	Revision	By	
		But	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY LOCATION OF PROJECT: M.P. 233.27			
TITLE OF DRAWING: MEDIAN BARRIER PLAN			
CONTRACT NUMBER: TAS 92-74B DATE: SEPT., 1992 DRAWING NUMBER: MB-6			



PHASE CHART		
PHASE	FACES 1 AND 2	FACES 3 AND 4
A	GREEN	RED
1st. CLEARANCE TO B	YELLOW	RED
2nd. CLEARANCE TO B	RED	RED
B	RED	GREEN
1st. CLEARANCE TO A	RED	YELLOW
2nd. CLEARANCE TO A	RED	RED
C (REST)	RED	RED

BIN 5051740				
	NO REVISIONS	BAF		
DATE	DESCRIPTION	BY	SYM.	
REVISIONS				
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209				
TITLE OF PROJECT BRIDGE DECK STRIP SEAL & OVERLAY				
LOCATION OF PROJECT M.P. 233.27				
TITLE OF DRAWING MAINTENANCE & PROTECTION OF TRAFFIC				
		CONTRACT NUMBER: TAS 92-74B		
		DATE: SEPT., 1992		
		DRAWING NUMBER: MPT - 6		

CHECKED BY: *V. Jane Guder*DRAFTED BY: *M. E. Karsick*DESIGNED BY: *Thomas C. Hall*IN CHARGE OF: *Robert R. Ramsey*

SUGGESTED SEQUENCE OF WORK (M.P. 238.22)

1. ESTABLISH SHORT-TERM CLOSURE OF BOTH THE EB AND WB DRIVING LANES. CONSTRUCT HEAVY DUTY SHOULDERS AND UPGRADE EXISTING GUIDE RAIL.
2. ESTABLISH SHORT TERM CLOSURE ON BOTH THE EB AND WB PASSING LANES. CONSTRUCT HEAVY DUTY SHOULDERS IN THE MEDIAN.
3. ESTABLISH PHASE-I DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, BARRICADES AND TEMPORARY CONCRETE BARRIER.

PHASE I WORK

4. SAW CUT ASPHALT CONCRETE PAVEMENT AND COMPLETELY REMOVE BITUMINOUS CONCRETE OVERLAY AND MEMBRANE FROM THE BRIDGE.
5. SAW CUT AND COLD MILL ASPHALT CONCRETE APPROACH PAVEMENT WITHIN THE LIMITS INDICATED.
6. REMOVE THE CORRUGATED BEAM MEDIAN BARRIER WITHIN THE LIMITS INDICATED, SAW CUT, REMOVE AND RECONSTRUCT BOTH THE EB AND WB MEDIAN SIDE SAFETY WALKS.
7. SAW CUT CONCRETE ON BOTH SIDES OF THE JOINT AT PIER 1 AND 2 AND REMOVE THE EXISTING JOINT SYSTEMS.
8. COMPLETE PARTIAL AND FULL DEPTH REPAIRS TO THE STRUCTURAL SLAB.
9. INSTALL HILTI ANCHORS AND FOUR CLASS D CONCRETE FOR THE CORRUGATED BEAM MEDIAN BARRIER ANCHORAGE BLOCKS.
10. EXCAVATE BEHIND BOTH EB AND WB BACKWALLS, DRILL AND GROUT REINFORCING BARS INTO THE ENDS OF THE STRUCTURAL SLAB AND EXTEND THE SLAB OVER THE BACKWALL BY POURING CLASS A CONCRETE.
11. INSTALL STRUCTURAL SEALING JOINT SYSTEM AT PIER 1 AND 2.
12. INSTALL ELIMINATOR WATERPROOFING MEMBRANE SYSTEM.
13. BACKFILL BEHIND BOTH THE EB AND WB BACKWALLS.
14. COMPLETE HEAVY DUTY SHOULDERS ON MEDIAN SIDE AS NECESSARY.
15. PAVE WITH ASPHALT CONCRETE BOTH THE BRIDGE AND THE APPROACHES.

PHASE II WORK

16. ESTABLISH PHASE-II DETOUR UTILIZING SIGNS, REMOVABLE STRIPING, BARRICADES AND TEMPORARY CONCRETE BARRIER.
17. PERFORM STEPS (5), (7), (8), (10) THROUGH (13) AND (15) WITHIN THE PHASE II WORK ZONE. REMOVE AND RECONSTRUCT THE FASCIA SIDE CURBS.
18. REMOVE UNSOUND CONCRETE AND REPLACE WITH CLASS D CONCRETE WITHIN THE LIMITS INDICATED FOR BOTH FASCIA. APPLY PROTECTIVE SEALER FOR CONCRETE ON BOTH FASCIA. INSTALL LONGITUDINAL JOINT SYSTEM AT ABUTMENT AND PIERS.
19. REMOVE AND REPLACE END DIAPHRAGMS WITHIN THE SOUTH FASCIA BAY OVER PIER 2.
20. PARTIALLY REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.
21. INSTALL FINAL PAVEMENT MARKINGS USING SHORT-TERM CLOSURES.
22. RESET CORRUGATED BEAM MALL BARRIER USING NEW POSTS ON THE BRIDGE AND THE APPROACHES.
23. REMOVE TEMPORARY CONCRETE TRAFFIC BARRIER FROM THE MEDIAN USING SHORT TERM LANE CLOSURES.


30/34

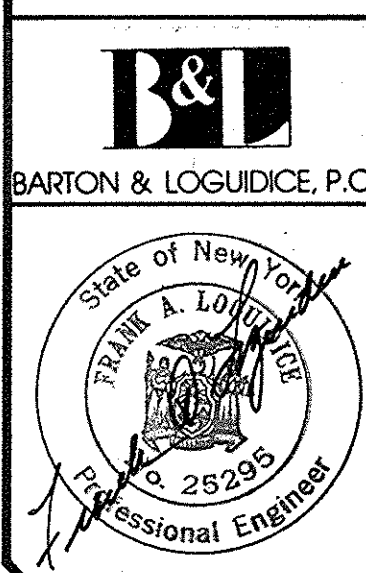
BIN 5009929			
NO REVISIONS		BCL	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 238.22			
TITLE OF DRAWING: EXISTING PLAN & ELEVATION			
CONTRACT NUMBER: TAS 92-74B		DATE: SEPT., 1992	
DRAWING NUMBER: EP-7			



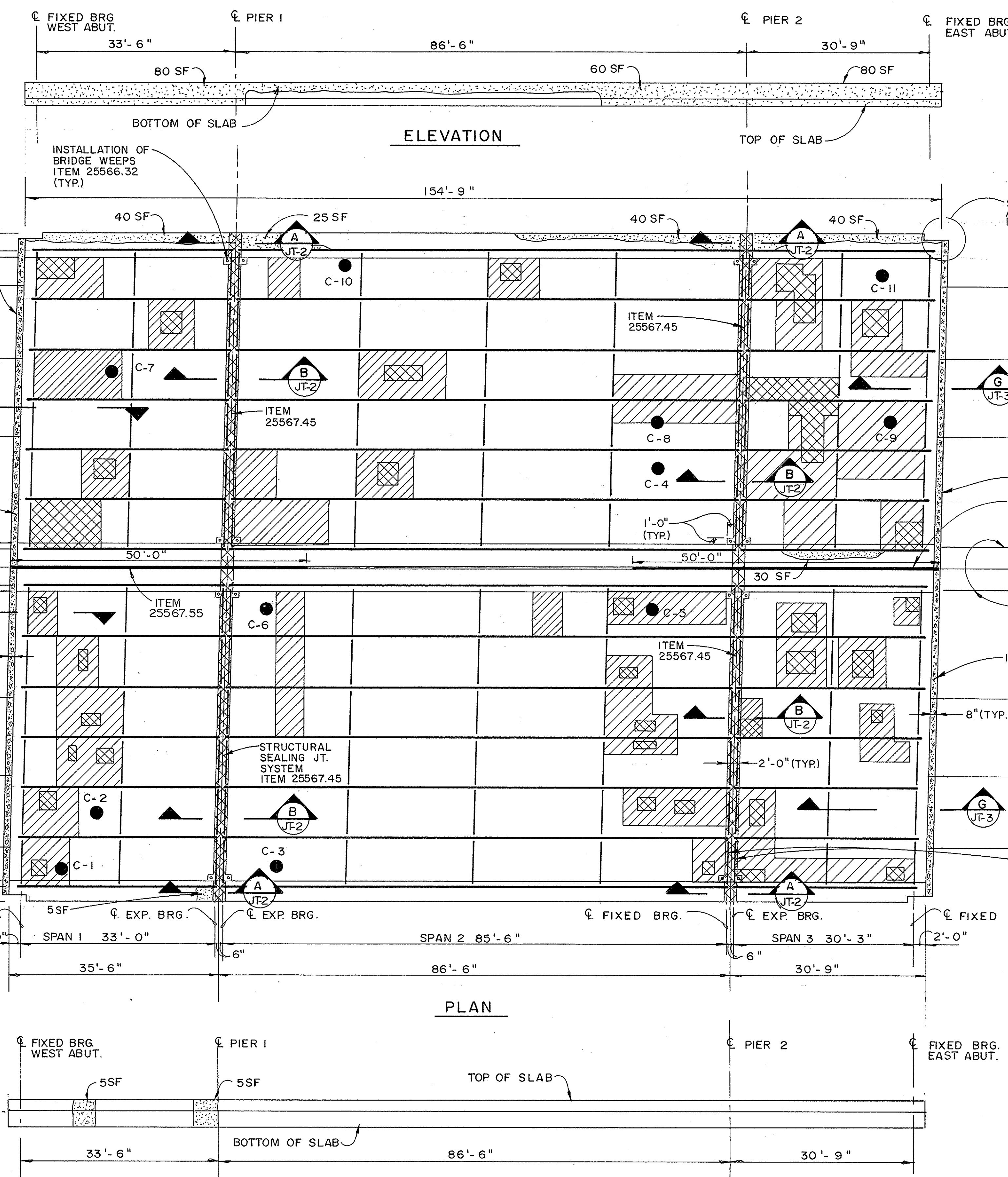
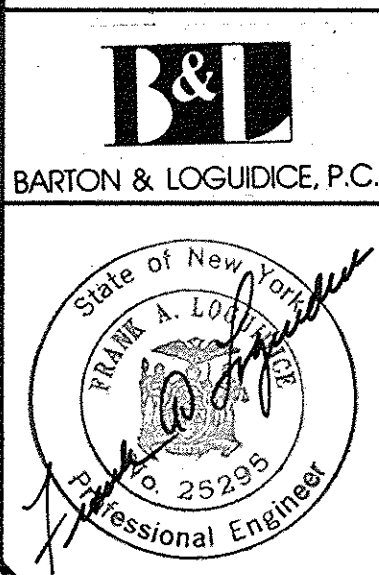
NOTES:

1. FOR LIMITS OF SHOULDER RECONSTRUCTION, SEE DWG. MPT-7.
2. FOR SHOULDER RECONSTRUCTION DETAIL, SEE DWG. MIS-1.
3. FOR FULL AND PARTIAL DEPTH REPAIR DETAILS, SEE DWG. MIS-1
4. SEE DWG. MIS-4 FOR DETAILS OF THE APPROACH CURBING.

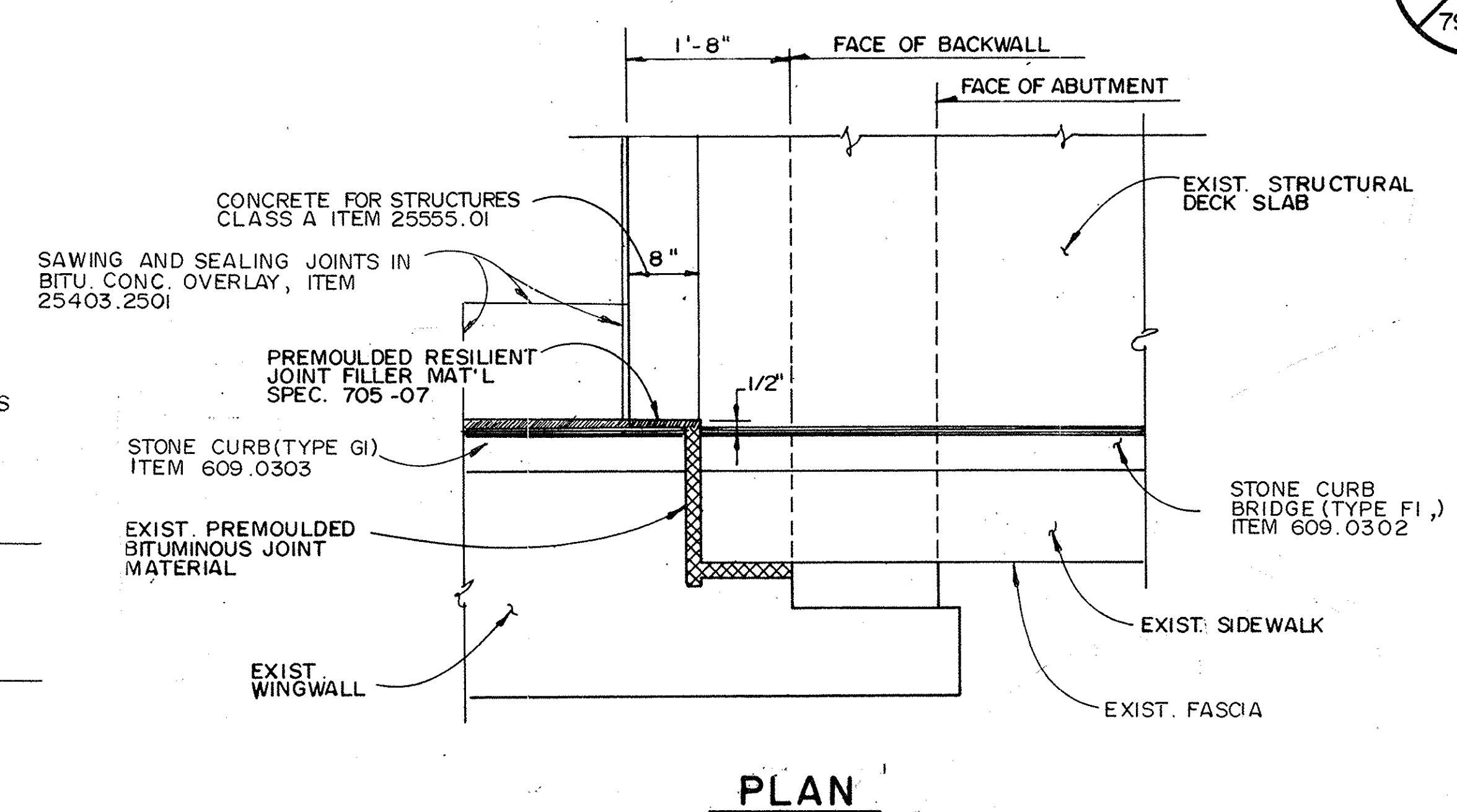
	CONTRACT NUMBER: TAS 92-74B
	DATE: SEPT., 1992
	DRAWING NUMBER: PP - 7



DESIGNED BY: *Thomas C. Hall*
DRAFTED BY: *M. K. Kowalek*
CHECKED BY: *D. J. S. S. S.*
IN CHARGE OF: *Robert J. Kennedy*



DECK REPAIR PLAN
Scale: 3/32" = 1'-0"



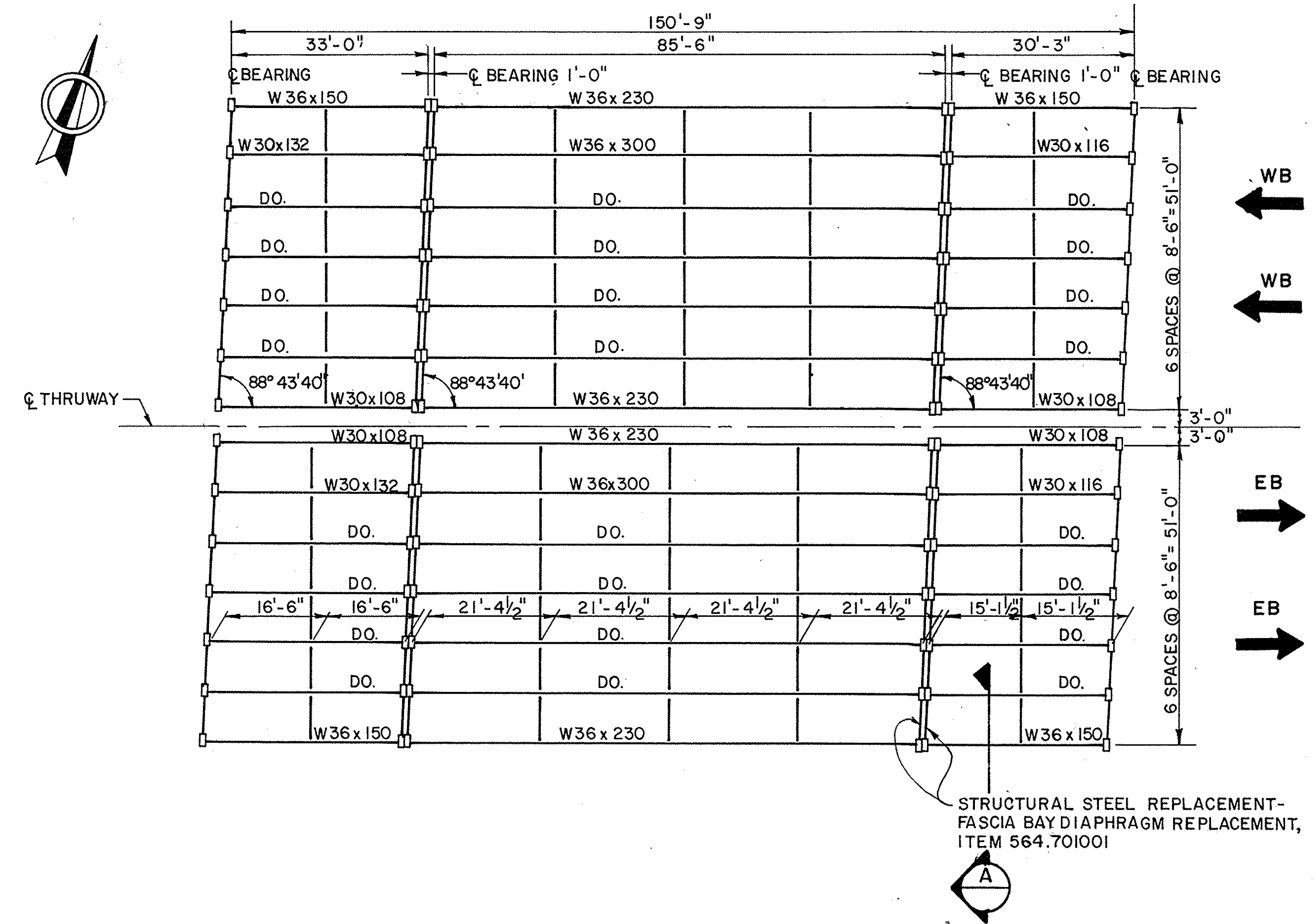
JOINT DETAIL AT ABUTMENT CORNERS
Scale: 1/2" = 1'-0"

- NOTES:
1. FOR FULL AND PARTIAL DEPTH REPAIR DETAIL, SEE DWG. MIS-1.
 2. FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-2 AND JT-3.
 3. FOR DETAILS OF THE INSTALLATION OF BRIDGE WEEPS, SEE DWG. MIS-3.

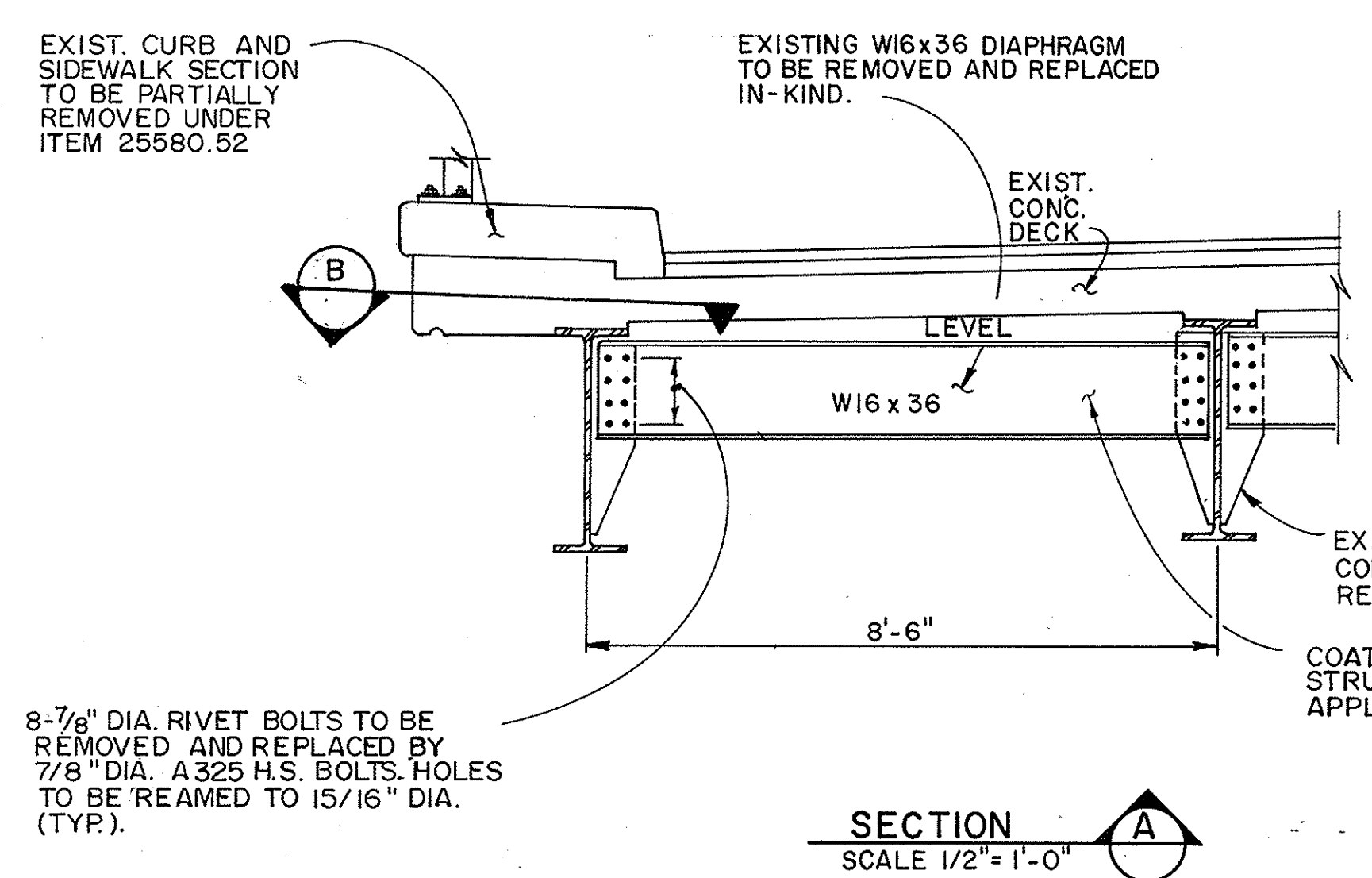
- LEGEND**
- FULL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303
 - PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303
 - REMOVAL OF STRUCTURAL CONCRETE & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25582.06
 - BRIDGE DECK CORE LOCATION
 - CONCRETE FOR STRUCTURES CLASS A, ITEM 25555.01

BIN 5009929			
	NO REVISIONS	Bar	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 238.22			
TITLE OF DRAWING DECK REPAIR PLAN			
CONTRACT NUMBER:		TAS 92-74B	
DATE:		SEPT., 1992	
DRAWING NUMBER:		DR-7	

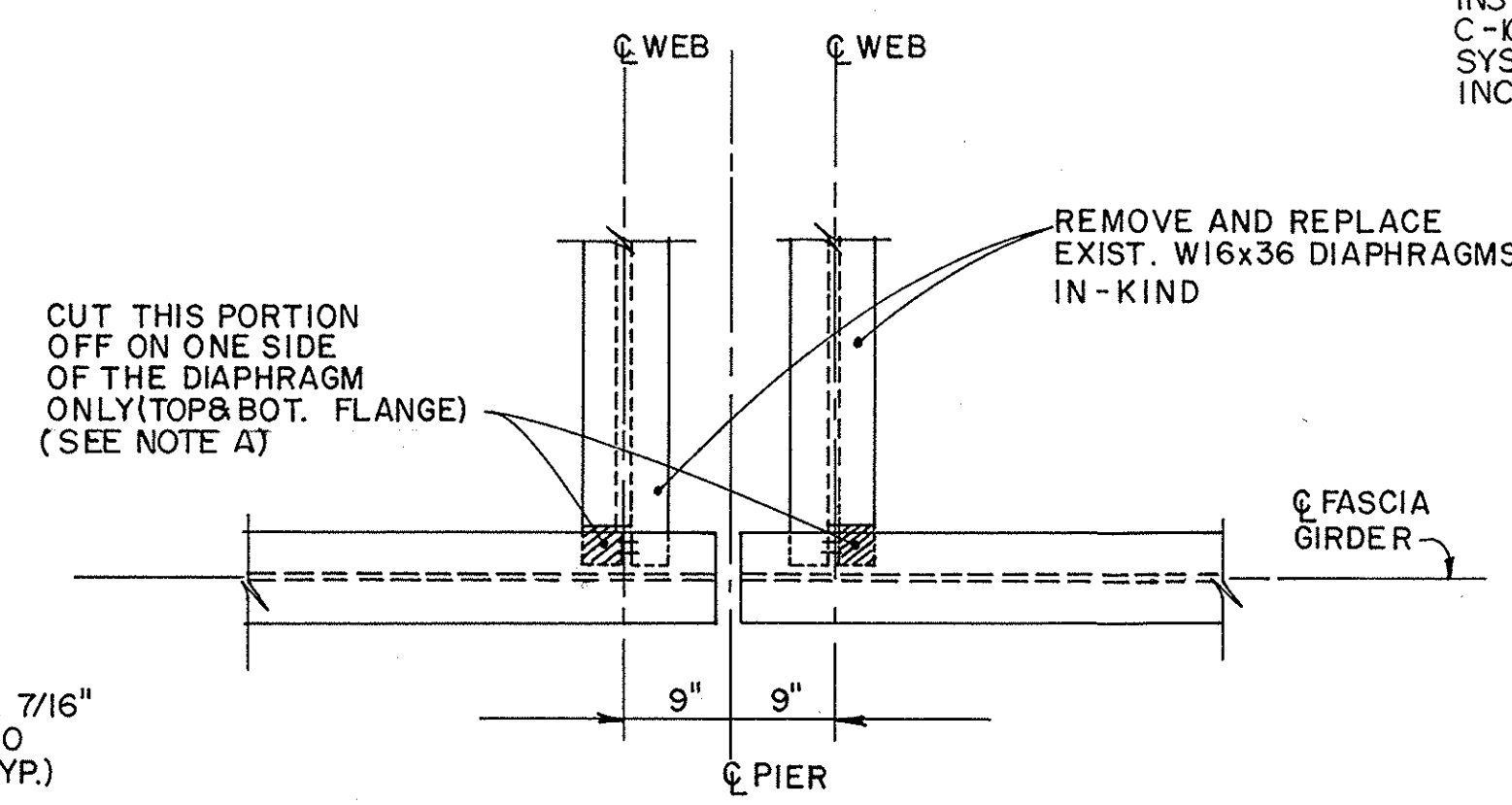
CHECKED BY: *M. E. K. K. K.*
 DRAFTED BY: *M. E. K. K. K.*
 DESIGNED BY: *M. E. K. K. K.*
 IN CHARGE OF: *M. E. K. K. K.*



FRAMING PLAN
SCALE 1/16" = 1'-0"



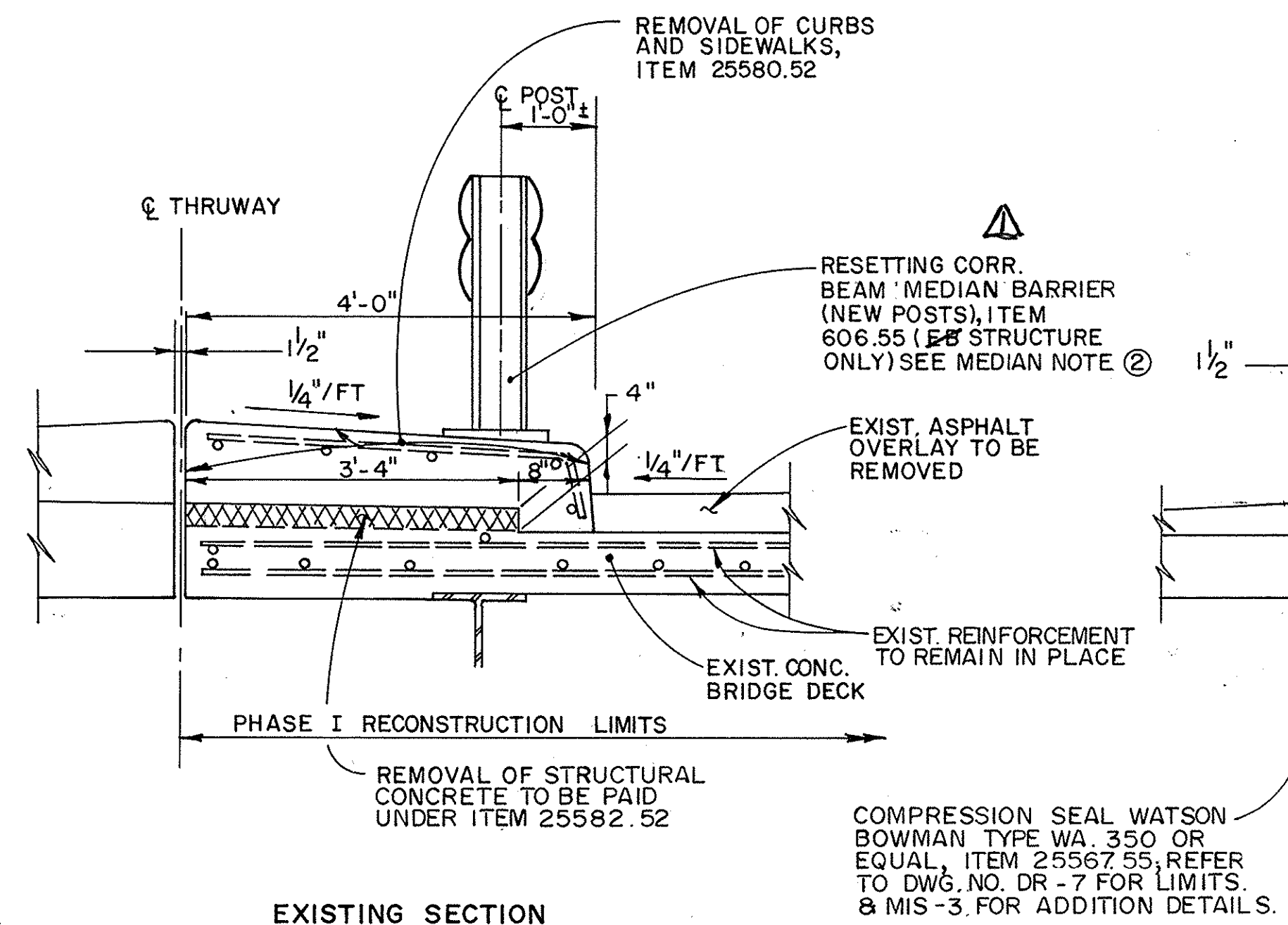
SECTION A
SCALE 1/2" = 1'-0"



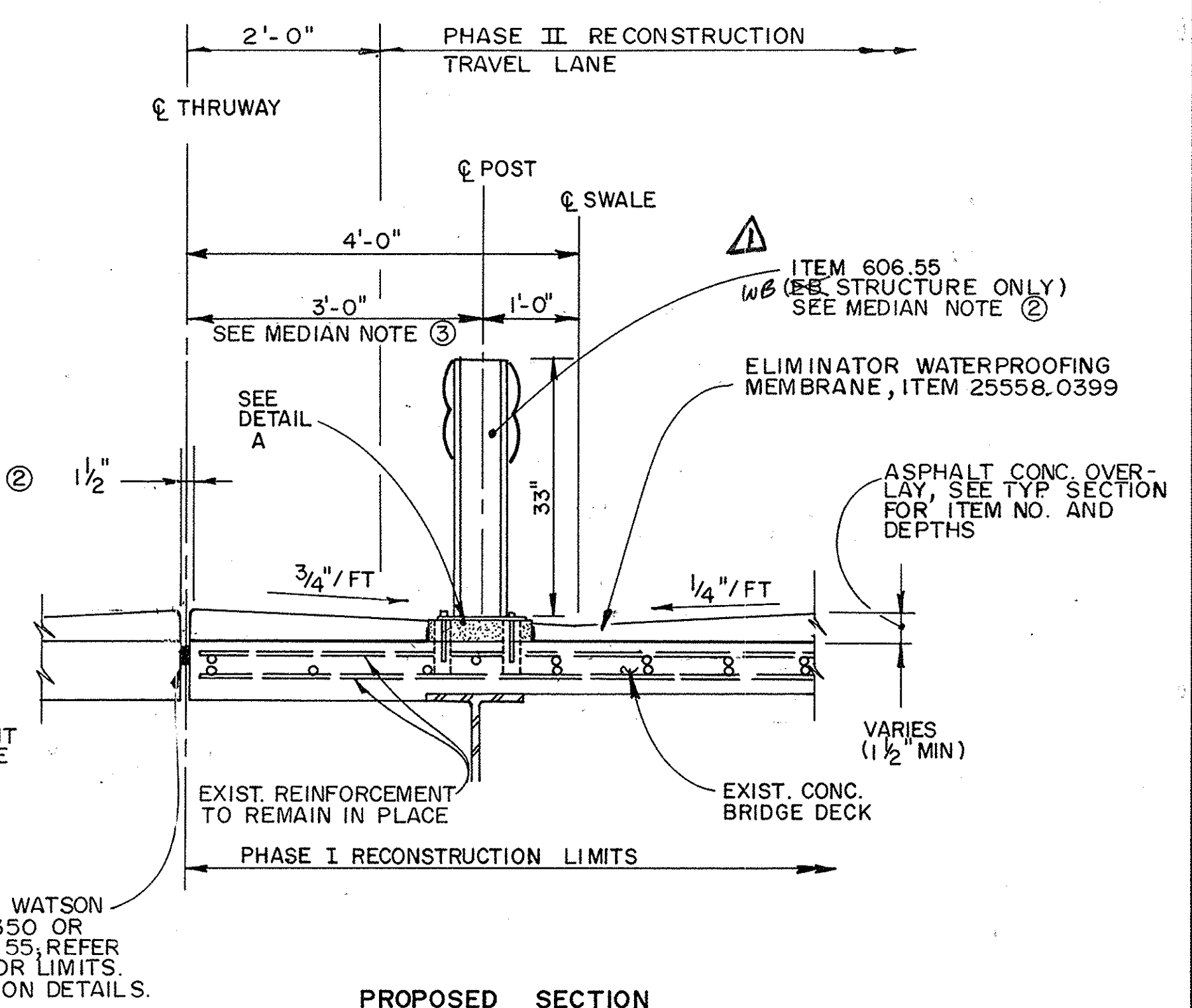
SECTION B
SCALE 3/4" = 1'-0"

STRUCTURAL STEEL REPLACEMENT DETAILS
(ITEM 564.701001)

NOTE A:
TO FACILITATE THE DIAPHRAGM REPLACEMENT, THE CONTRACTOR MAY ELECT TO REMOVE THE PORTION OF THE TOP AND BOTTOM FLANGE CLOSEST TO THE CENTERLINE OF THE PIER. HOWEVER, SHOULD THIS OPTION BE UTILIZED, THE OUTSIDE PORTIONS OF FLANGES SHALL REMAIN INTACT.

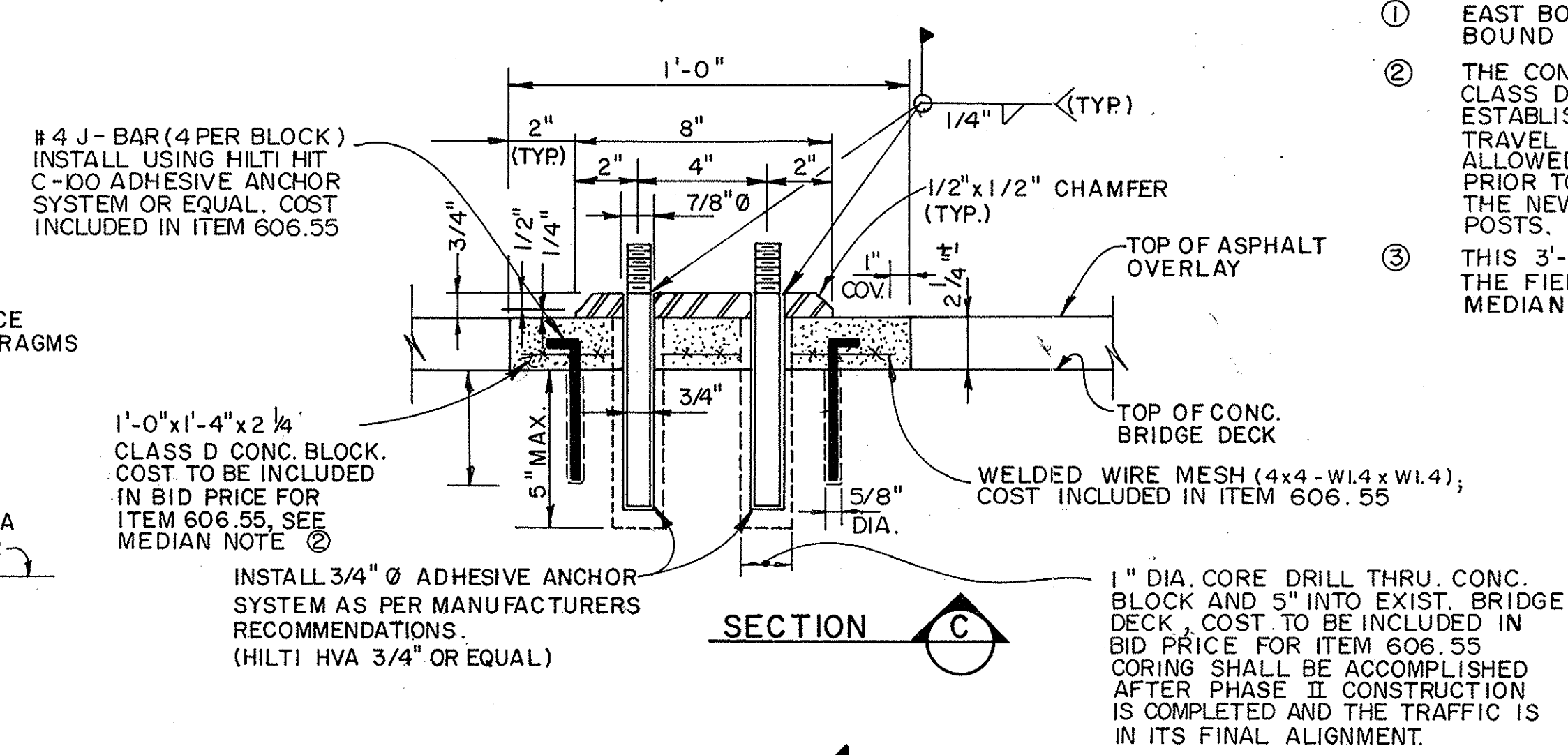


EXISTING SECTION

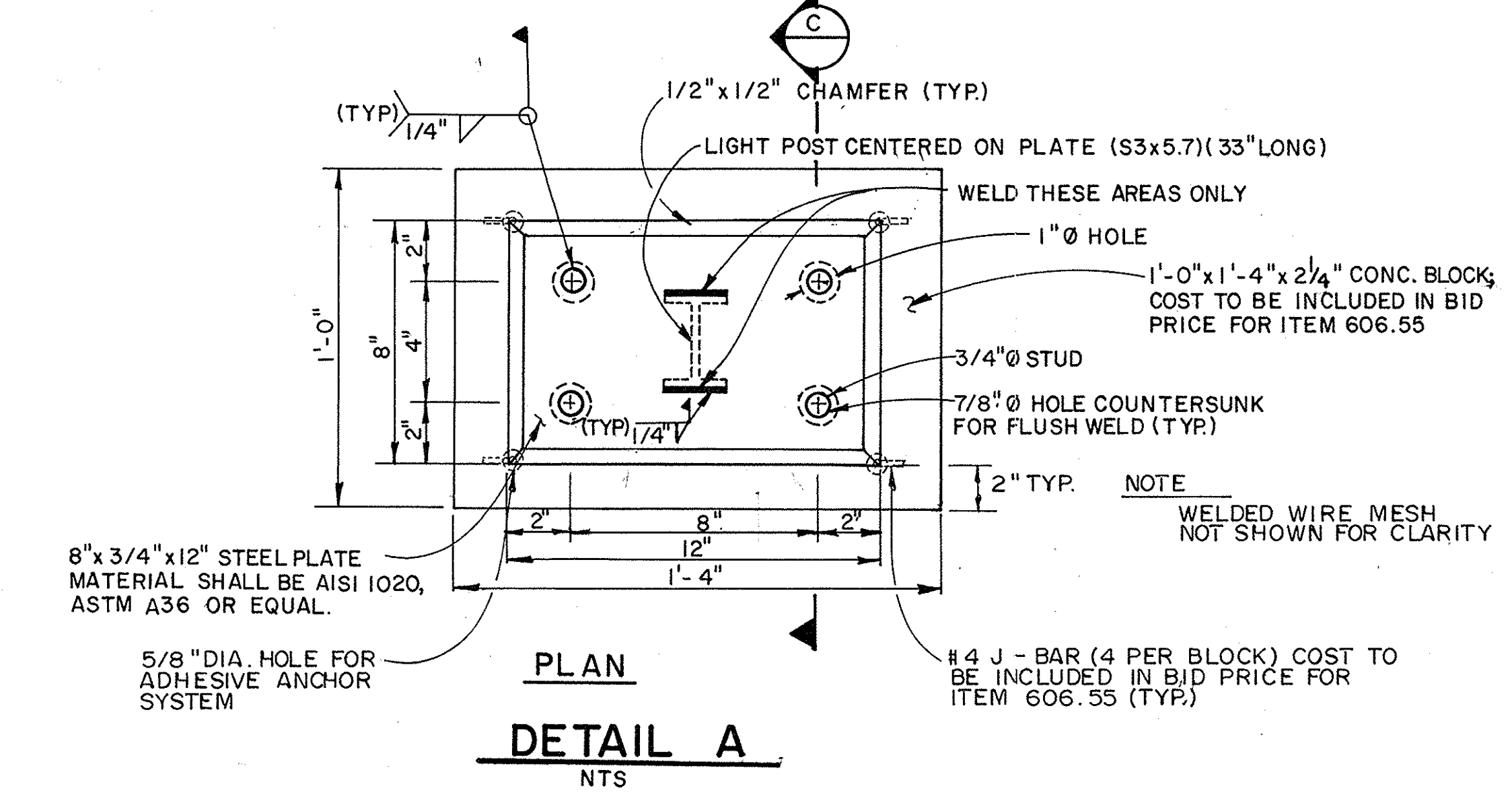


PROPOSED SECTION

MEDIAN RECONSTRUCTION DETAILS
SCALE 3/4" = 1'-0"



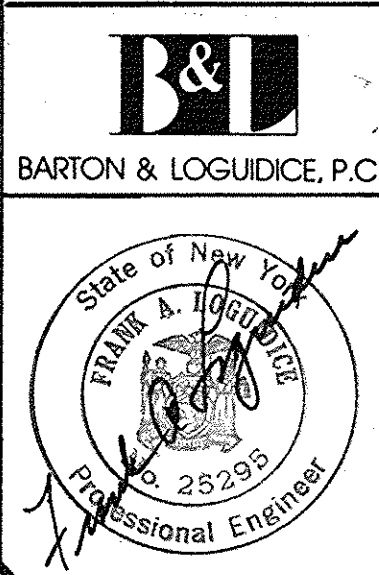
SECTION C



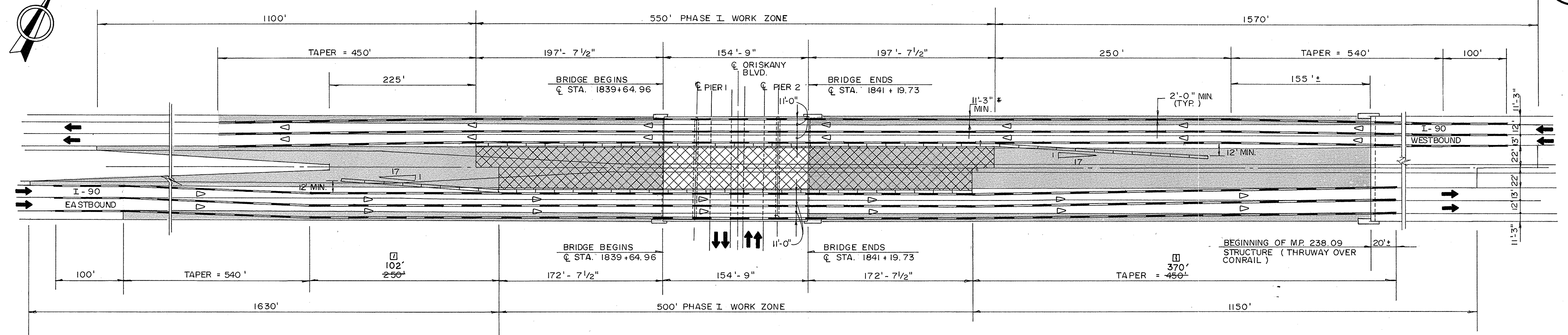
**PLAN
DETAIL A**
NTS

- MEDIAN NOTES:**
- EAST BOUND STRUCTURE SHOWN, WEST BOUND STRUCTURE IS SIMILAR.
 - THE CONTRACTOR SHALL INSTALL THE CLASS D CONCRETE BLOCKS PRIOR TO ESTABLISHING THE PHASE II RECONSTRUCTION TRAVEL LINES. DETOUR TRAFFIC SHALL BE ALLOWED TO TRAVEL OVER THE BLOCKS PRIOR TO CORE DRILLING AND INSTALLING THE NEW POST PLATES, ANCHOR STUDS AND POSTS.
 - THIS 3'-0" DIMENSION SHALL BE VERIFIED IN THE FIELD PRIOR TO REMOVING THE EXIST. MEDIAN BARRIER.

BIN 5009929			
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 238.22			
TITLE OF DRAWING: MISC. DETAILS			
CONTRACT NUMBER: TAS 92 - 74 B		DATE: SEPT., 1992	
DRAWING NUMBER: MD-72			



CHECKED BY: *V. Paul Sabel*
 DRAFTED BY: *M. E. Housley*
 DESIGNED BY: *Thomas C. And*
 IN CHARGE OF: *Robert J. Housley*

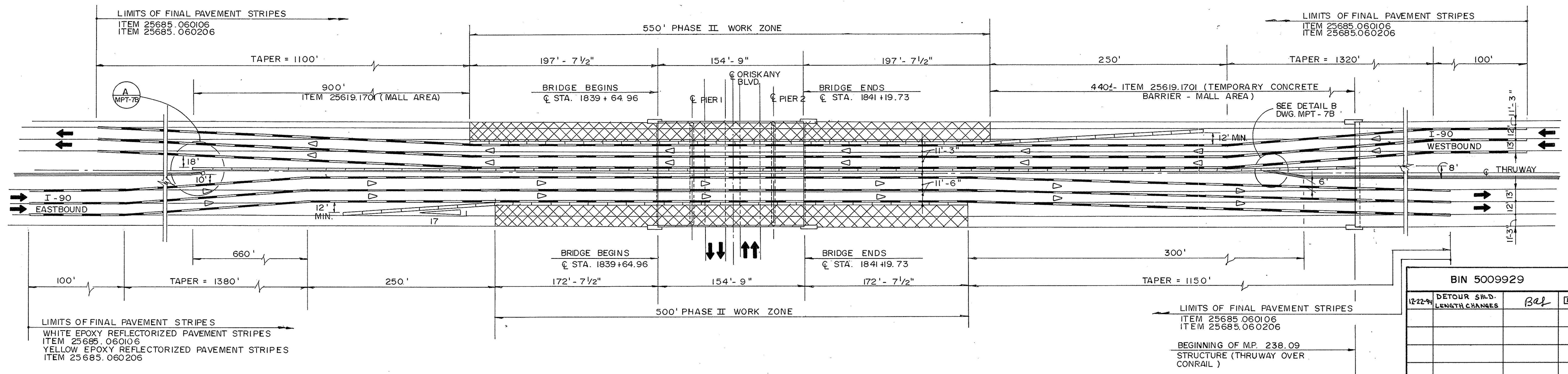


PHASE I DETOUR

Scale: 1" = 50'

* SHOULDER RECONSTRUCTION SHALL BE COMPLETED TO THE FACE OF THE GUIDE RAIL. THE EXIST. CORRUGATED BEAM GUIDE RAILING SHALL REMAIN IN-PLACE. DAYLIGHT TRENCHES SHALL BE INSTALLED UNDER THE EXIST. GUIDE RAIL @ 50' C-C SPACING (RT. SIDE ONLY).

SHOULDER RECONSTRUCTION DONE ONLY ON RIGHT SIDE E.B. AS NOTED. ALL OTHER WORK DONE ON PROJECT # TAS 92-94B.



PHASE II DETOUR

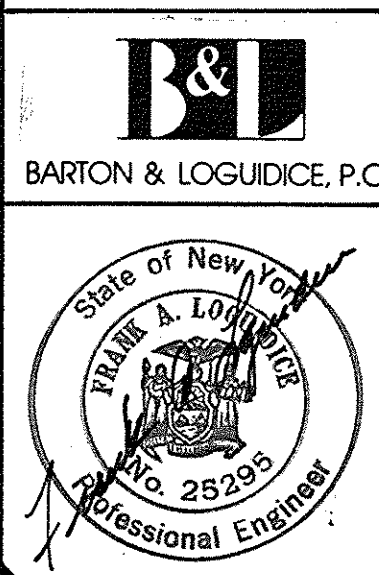
Scale: 1" = 50'

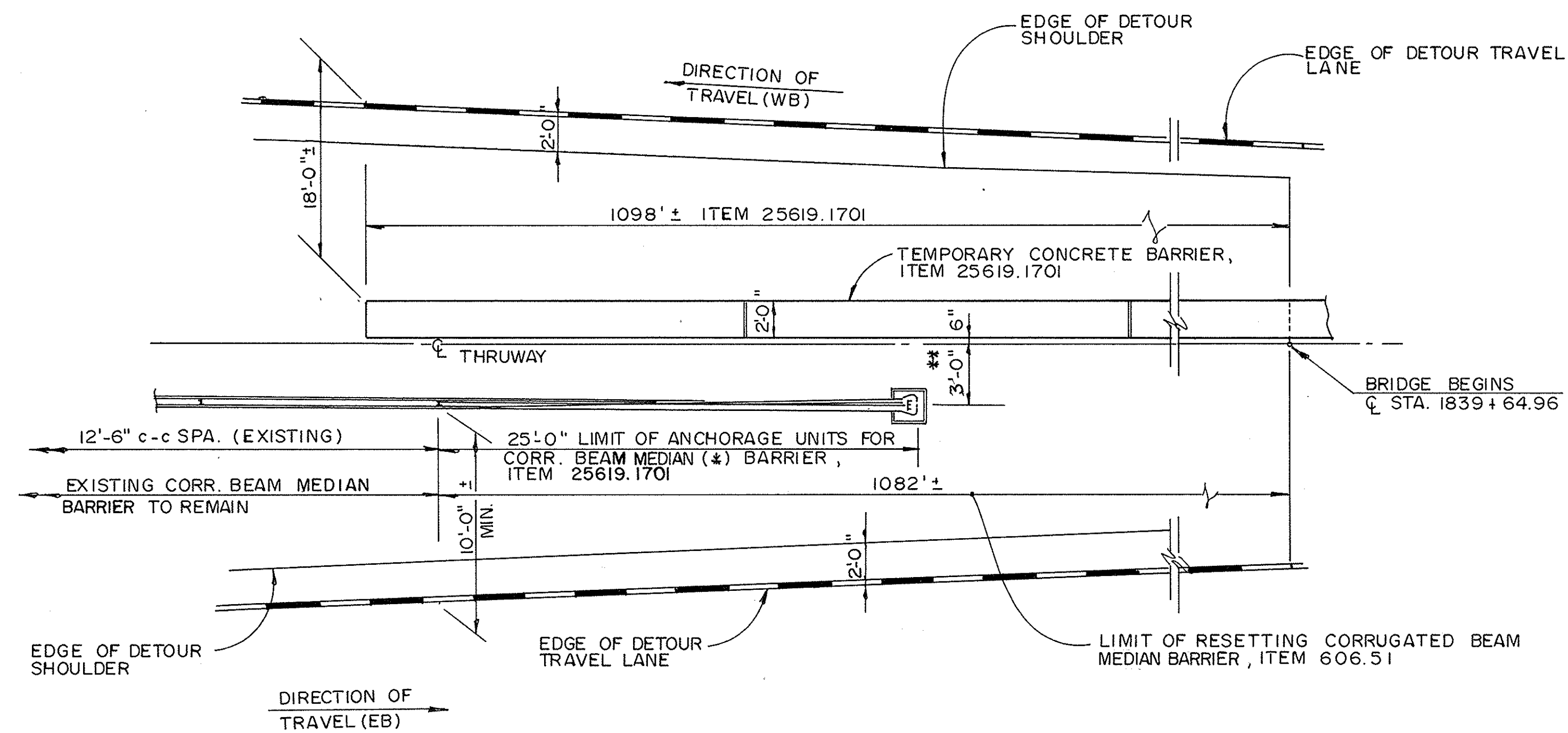
NOTE:
FOR SIGNING REFERENCES AND DRUM PLACEMENTS, SEE DWG. TTP-2

LEGEND

- TEMPORARY CONCRETE BARRIER, ITEM 25619.1701 WITH CONCRETE BARRIER MARKER, ITEM 25619.1704 SPACED @ 40' C-C IN TAPER SECTION AND 20' C-C IN TANGENT SECTION
- YELLOW REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1906 (LEFT EDGE)
- WHITE REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1905 (RIGHT EDGE & C)
- WORK ZONE
- LIMIT OF SHOULDER RECONSTRUCTION, SEE DWG. MIS-1 FOR DETAILS.

BIN 5009929			
12-22-94	DETOUR S.W.D. LENGTH CHANGES	Bel	<input type="checkbox"/>
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL AND OVERLAY			
LOCATION OF PROJECT: M.P. 238.22			
TITLE OF DRAWING: MAINTENANCE & PROTECTION OF TRAFFIC			
CONTRACT NUMBER: TAS 92-74B		DATE: SEPT, 1992	
DRAWING NUMBER: MPT - 74B			

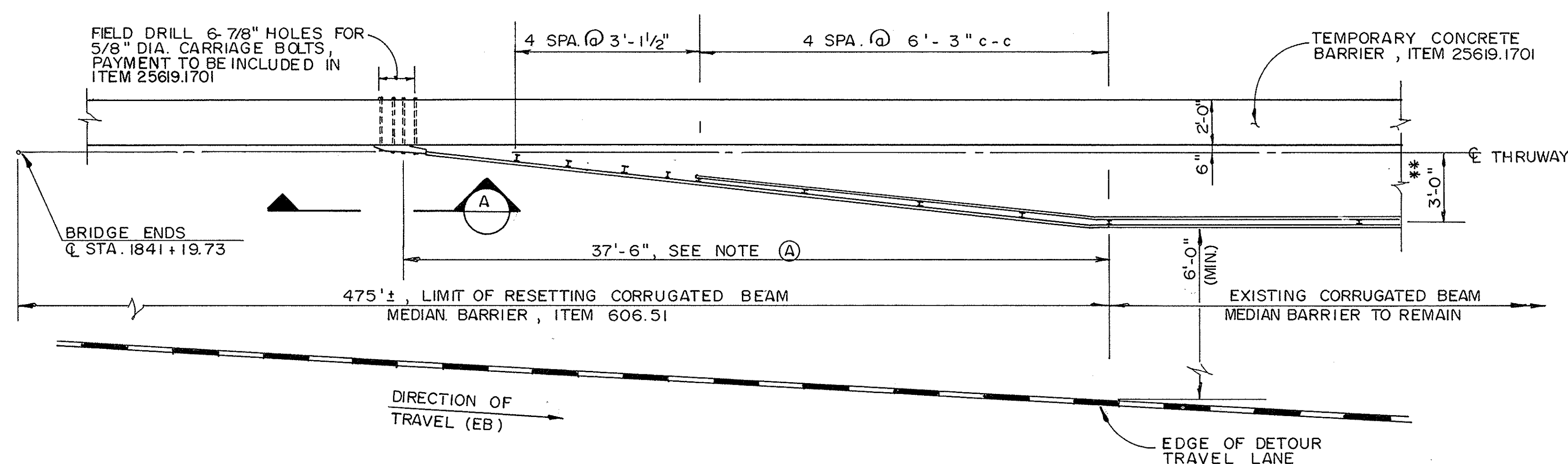




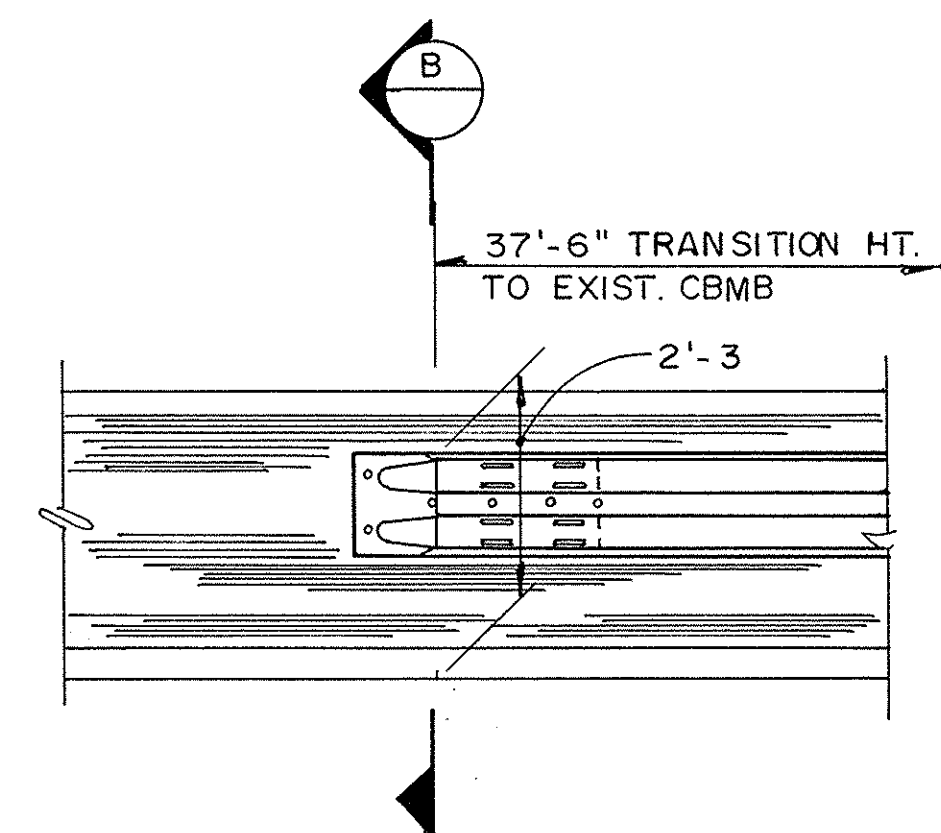
DETAIL A
NTS

(*) UPON THE COMPLETION OF BOTH PHASE I & II CONSTRUCTION AND PRIOR TO FINAL RESETTling OF THE CORRUGATED BEAM MEDIAN BARRIER THE CONTRACTOR SHALL REMOVE AND STORE THE ANCHORAGE UNIT. PAYMENT FOR THIS OPERATION SHALL BE INCLUDED UNDER ITEM 606.51

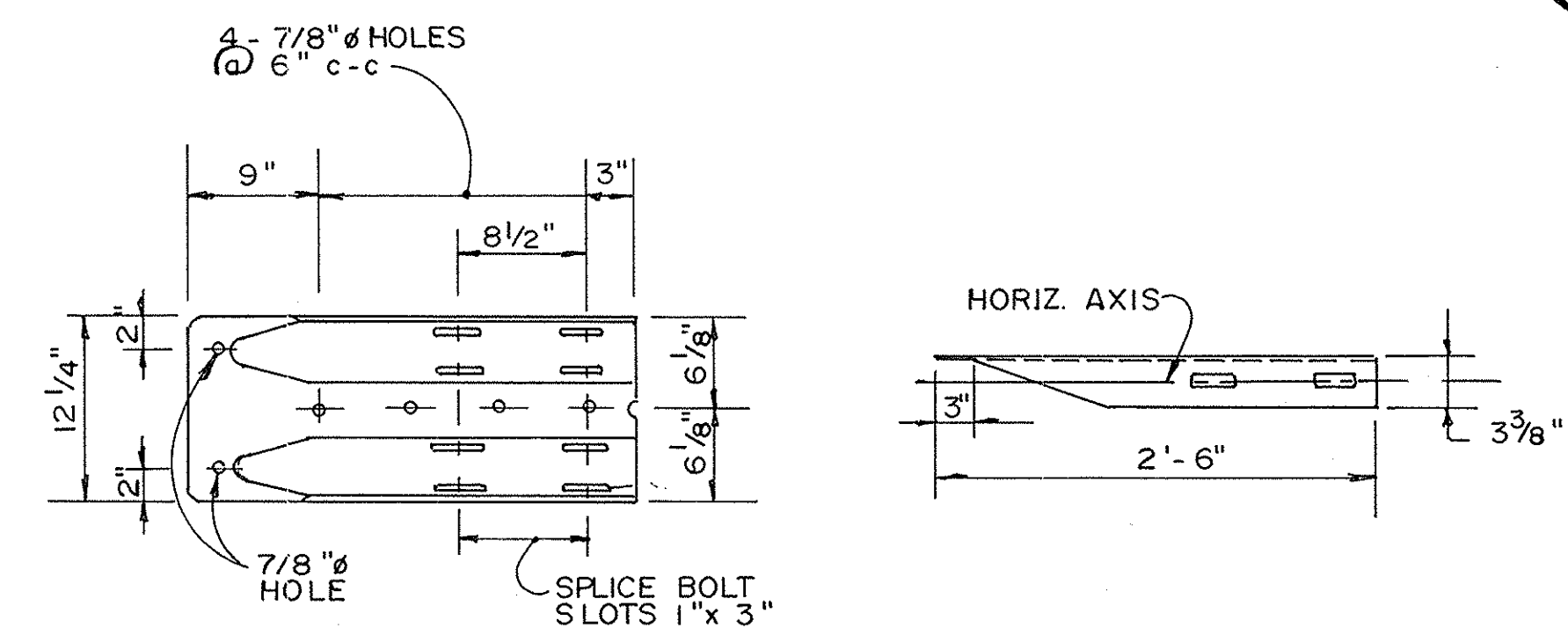
(**) REFER TO MEDIAN NOTE (3) ON DWG. MD-7.



DETAIL B
NTS



SECTION A
NTS



ELEVATION- END SECTION

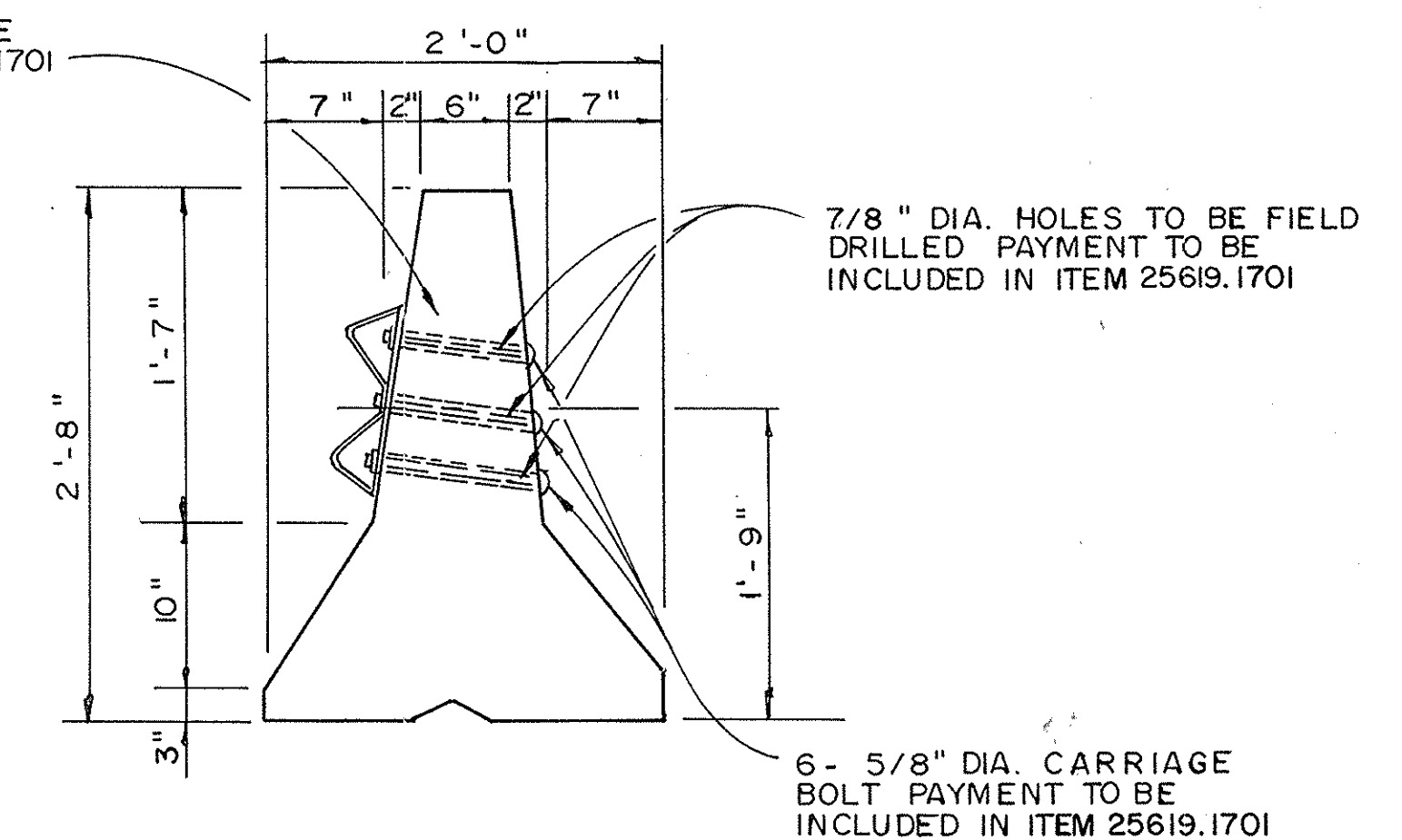
PLAN- END SECTION

END SECTION DETAILS
(COST TO BE INCLUDED IN ITEM 606.24)
NTS

NOTE (A)

PAYMENT FOR THE TEMPORARY REALIGNMENT, ATTACHMENTS, END SECTION DRILLING, HARDWARE, NEW POSTS, POST DRIVING INSTALLATION & FINAL REMOVAL FOR CONNECTING THE EXISTING CORR. BEAM MEDIAN BARRIER TO THE TEMP. CONCRETE BARRIER SHALL BE PAID UNDER ITEM 25619.1701.

TEMPORARY CONCRETE BARRIER, ITEM 25619.1701



SECTION B
NTS

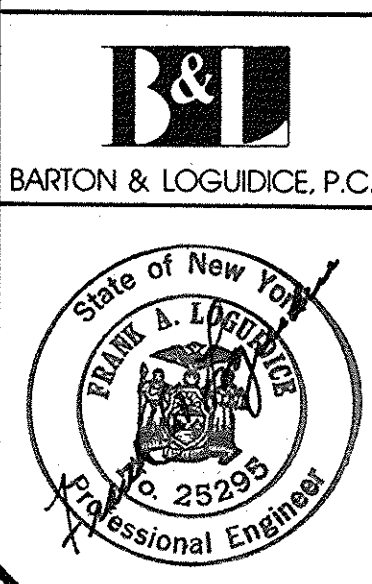
BIN 5009929			
	N.I.C.	Bar	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT MP 238.22			
TITLE OF DRAWING MAINTENANCE & PROTECTION OF TRAFFIC			
		CONTRACT NUMBER:	
		TAS92-74B	
		DATE:	
		SEPT., 1992	
		DRAWING NUMBER:	
		MPT - 7B	

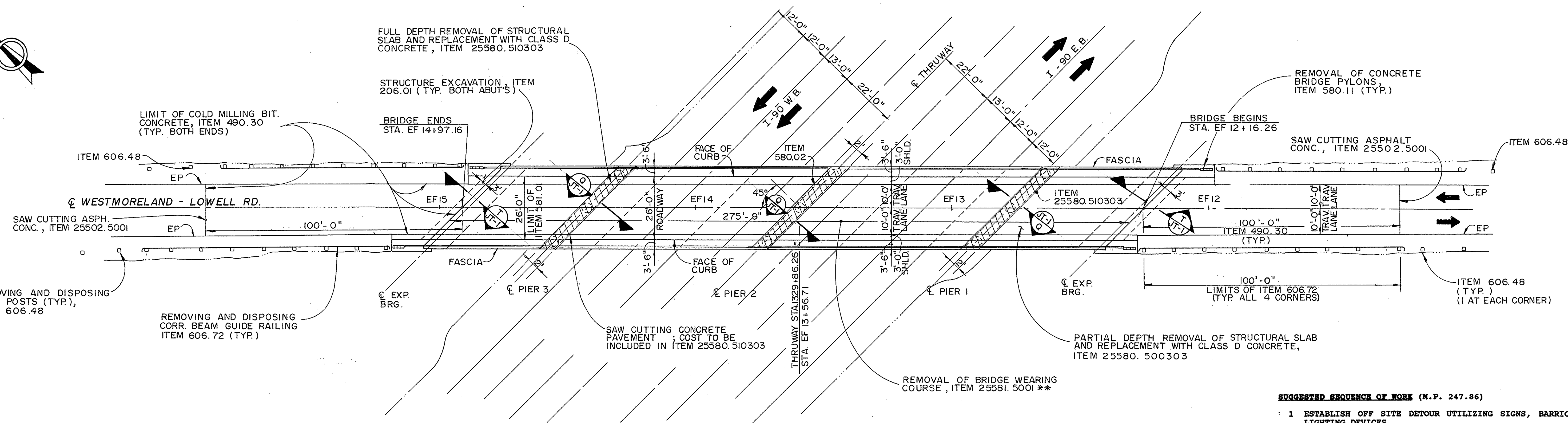
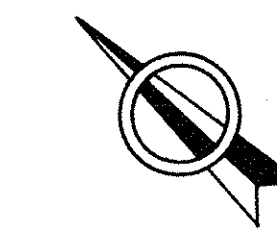
CHECKED BY: W. Jane Gidol

DRAFTED BY: M. E. Hamrick

DESIGNED BY: Thomas C. Hall

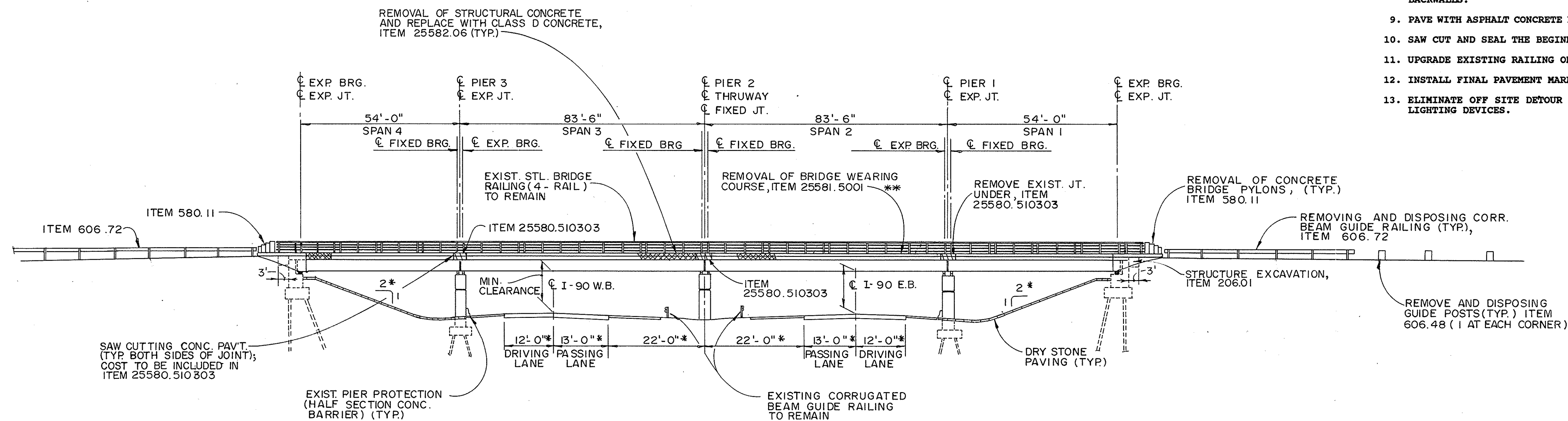
IN CHARGE OF: Robert W. Hummel





EXISTING PLAN

Scale : 1" = 20

ELEVATION

Scale: 1" = 20'

* DIMENSION SHOWN ARE NORMAL
TO THRUWAY CENTERLINE


** REMOVAL OF BRIDGE WEARING COURSE
 ITEM 25581.5001 SHALL INCLUDE THE
 REMOVAL OF BOTH THE 1" ASPHALT
 CONCRETE OVERLAY AND THE 4"
 CEMENT CONCRETE WEARING SURFACE.

SUGGESTED SEQUENCE OF WORK (M.P. 247.86)

- 1 ESTABLISH OFF SITE DETOUR UTILIZING SIGNS, BARRICADES AND LIGHTING DEVICES.

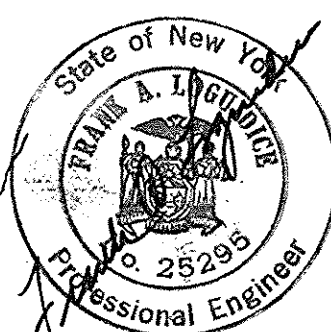
PHASE I WORK

1. COMPLETELY REMOVE BITUMINOUS CONCRETE AND CEMENT CONCRETE OVERLAYS FROM THE BRIDGE.
2. SAW CUT AND COLD MILL ASPHALT APPROACH PAVEMENT WITHIN THE LIMITS INDICATED.
3. REMOVE AND DISPOSE OF CORRUGATED BEAM GUIDE RAILING ON BOTH APPROACHES, REMOVE CONCRETE BRIDGE PYLONS.
4. SAW CUT CONCRETE ON BOTH SIDES OF THE JOINT AT ALL THREE PIERS AND REMOVE THE EXISTING JOINT SYSTEMS.
5. COMPLETE PARTIAL AND FULL DEPTH REPAIRS TO THE STRUCTURAL SLAB, REMOVE UNSOUND AND CHIPPED CONCRETE FROM THE SIDEWALKS AND REPLACE WITH CLASS D CONCRETE.
6. INSTALL STRUCTURAL SEALING JOINT SYSTEMS AT PIER 1 AND 3. EXCAVATE, DRILL AND GROUT REINFORCING BARS AND EXTEND THE CONCRETE DECK SLAB OVER THE BACKWALLS. INSTALL FIXED BEARING JOINT SYSTEM AT PIER 2.
7. INSTALL MEMBRANE WATERPROOFING SYSTEM, AND BACKFILL BEHIND THE BACKWALLS.
8. PAVE WITH ASPHALT CONCRETE BOTH THE BRIDGE AND THE APPROACHES.
9. SAW CUT AND SEAL THE BEGINNING AND END JOINTS AND AT PIER 2.
10. UPGRADE EXISTING RAILING ON BRIDGE AND APPROACHES.
11. INSTALL FINAL PAVEMENT MARKINGS.
12. ELIMINATE OFF SITE DETOUR BY REMOVING SIGNS, BARRICADES AND LIGHTING DEVICES.

BIN		55 12 740	
	NO REVISIONS	Ref	
DATE	DESCRIPTION	BY	SV
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 247.86			
TITLE OF DRAWING			
EXISTING PLAN & ELEVATION			
		CONTRACT NUMBER:	
		TAS 92-74B	
		DATE:	
		SEPT., 1992	
		DRAWING NUMBER:	
		EP- 8	



BARTON & LOGUIDICE, P.C.

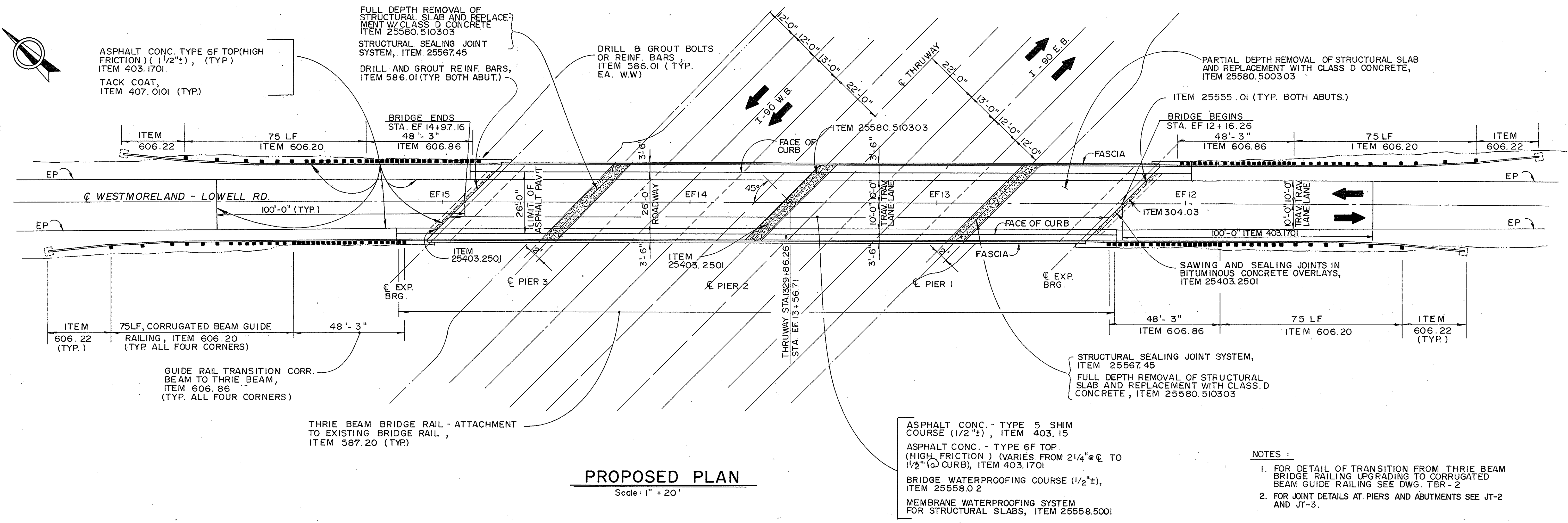


CHECKED BY: V. Paul Lydell

DRAFTED BY: M E. Knaus

DESIGNED BY: Thomas C. Vach

IN CHARGE OF: Robert W. Hornaday



PROPOSED PLAN

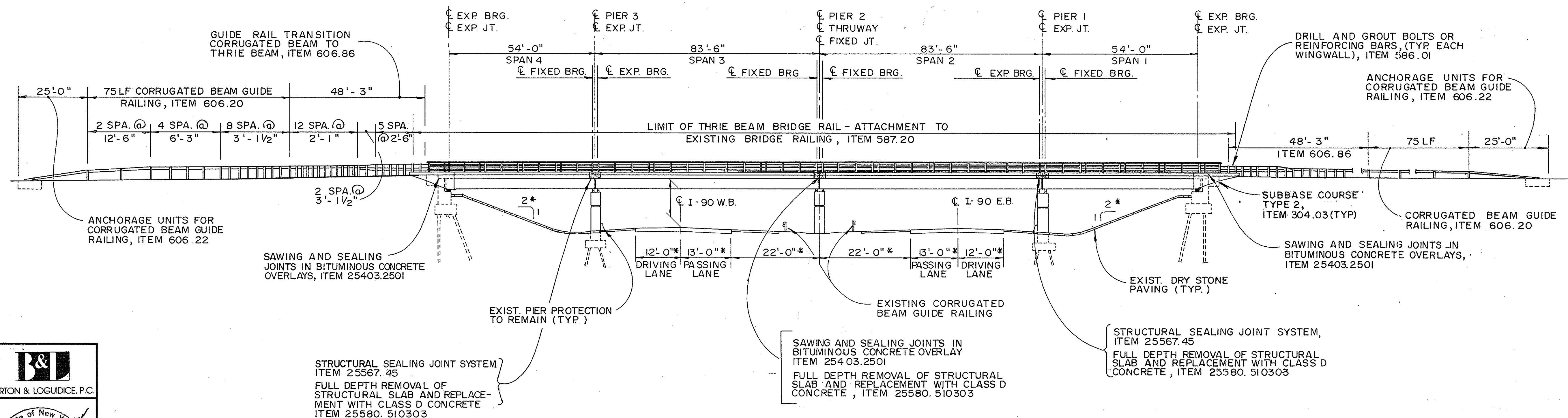
Scale : 1" = 20'

NOTES :

1. FOR DETAIL OF TRANSITION FROM THRIE BEAM BRIDGE RAILING UPGRADING TO CORRUGATED BEAM GUIDE RAILING SEE DWG. TBR-2
2. FOR JOINT DETAILS AT PIERS AND ABUTMENTS SEE JT-2 AND JT-3.

PROPOSED LOAD RATINGS		
MEMBER	BIN 5512940 (M.P 247.86)	
	INVENTORY	OPERATING
INTERIOR	HS20.8 (37.4 TON)	H335.5 (63.9 TON)
	H 28.3 (28.3 TON)	H 51.1 (51.1 TON)
* EXTERIOR FASCIA	HS200 (36 TON)	HS 33.6 (60.5 TON)
	H 28.6 (28.6 TON)	H 48.4 (48.4 TON)
SAFE LOAD CAPACITY	48.4 TONS	

*MEMBER SHOWS NO SIGNS OF DISTRESS



ELEVATION

Scale: 1" = 20'

* DIMENSION SHOWN ARE NORMAL
TO THRUWAY CENTERLINE

[illegible]

DATE	DESCRIPTION	BY	SYM
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT		BRIDGE DECK STRIP, SEAL & OVERLAY	
LOCATION OF PROJECT		M.P. 247.86	
TITLE OF DRAWING			

PROPOSED PLAN & ELEVATION



CONTRACT NUMBER:

TAS 92-74B

DATE: _____

SEPT., 1992

DRAWING NUMBER:

PP - 8



CHECKED BY: W. Paul Judoh

DRAFTED BY: M.E. Knowlton

DESIGNED BY: Thomas C. Dowd

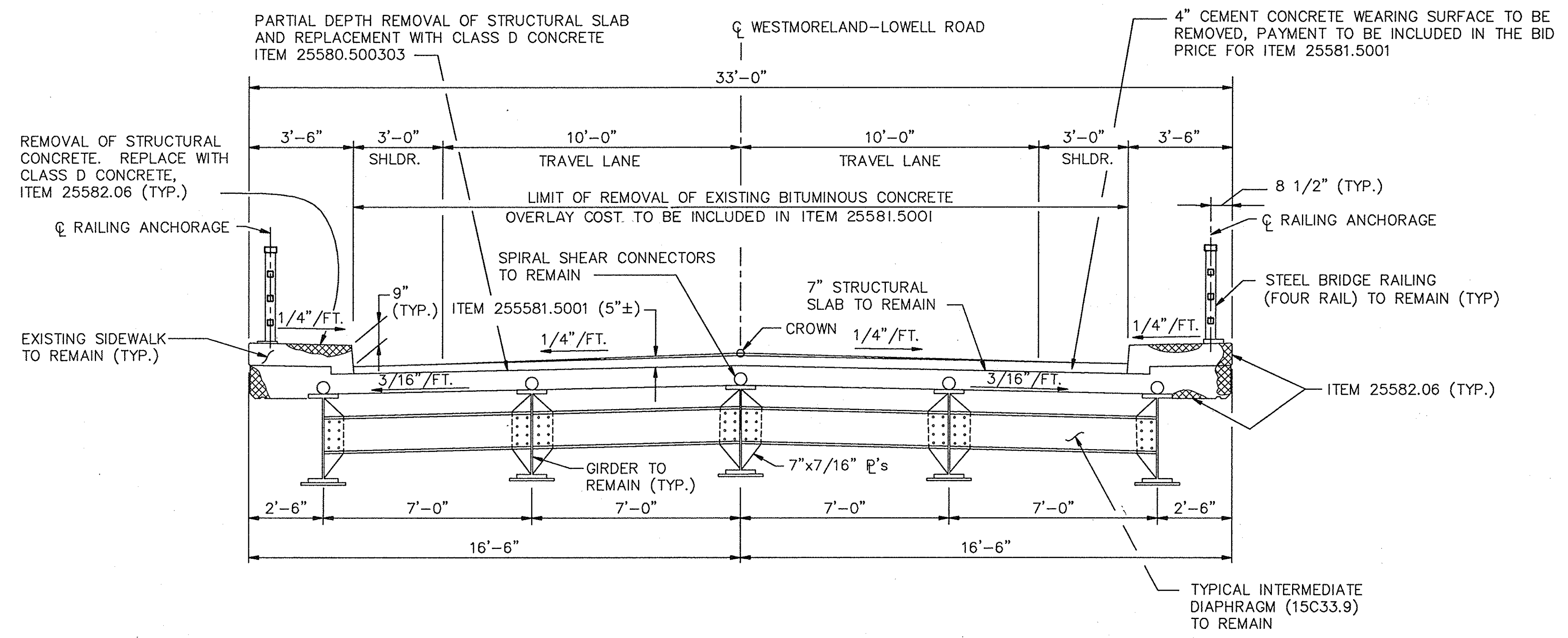
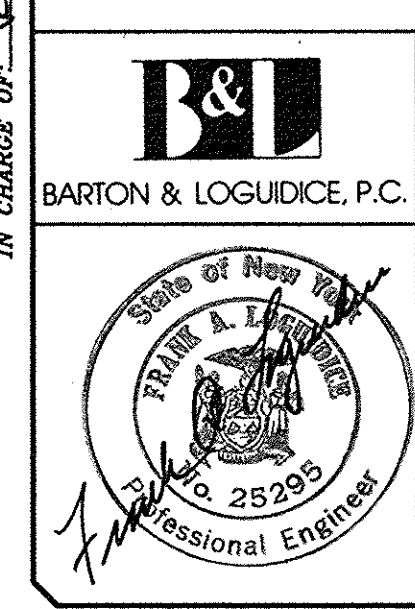
IN CHARGE OF: Kelvin Hamaday

CHECKED BY: *V. Paul Zedel*

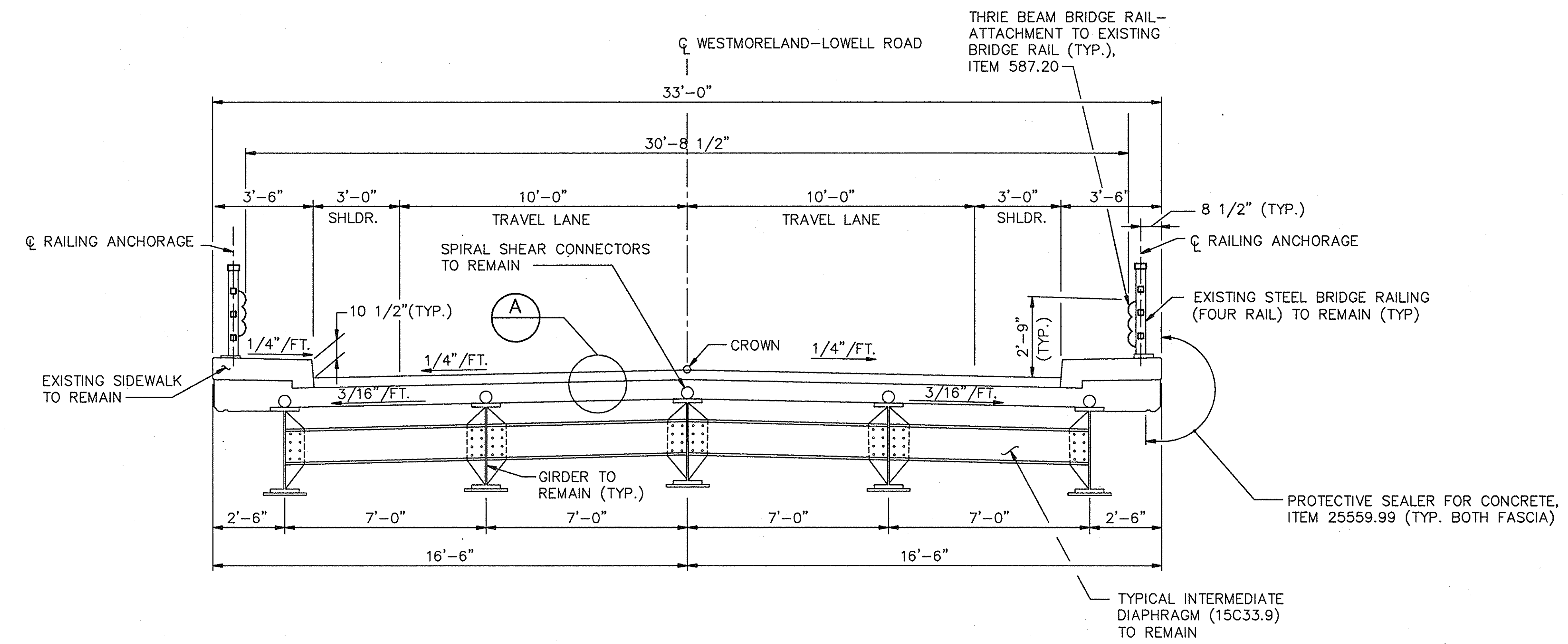
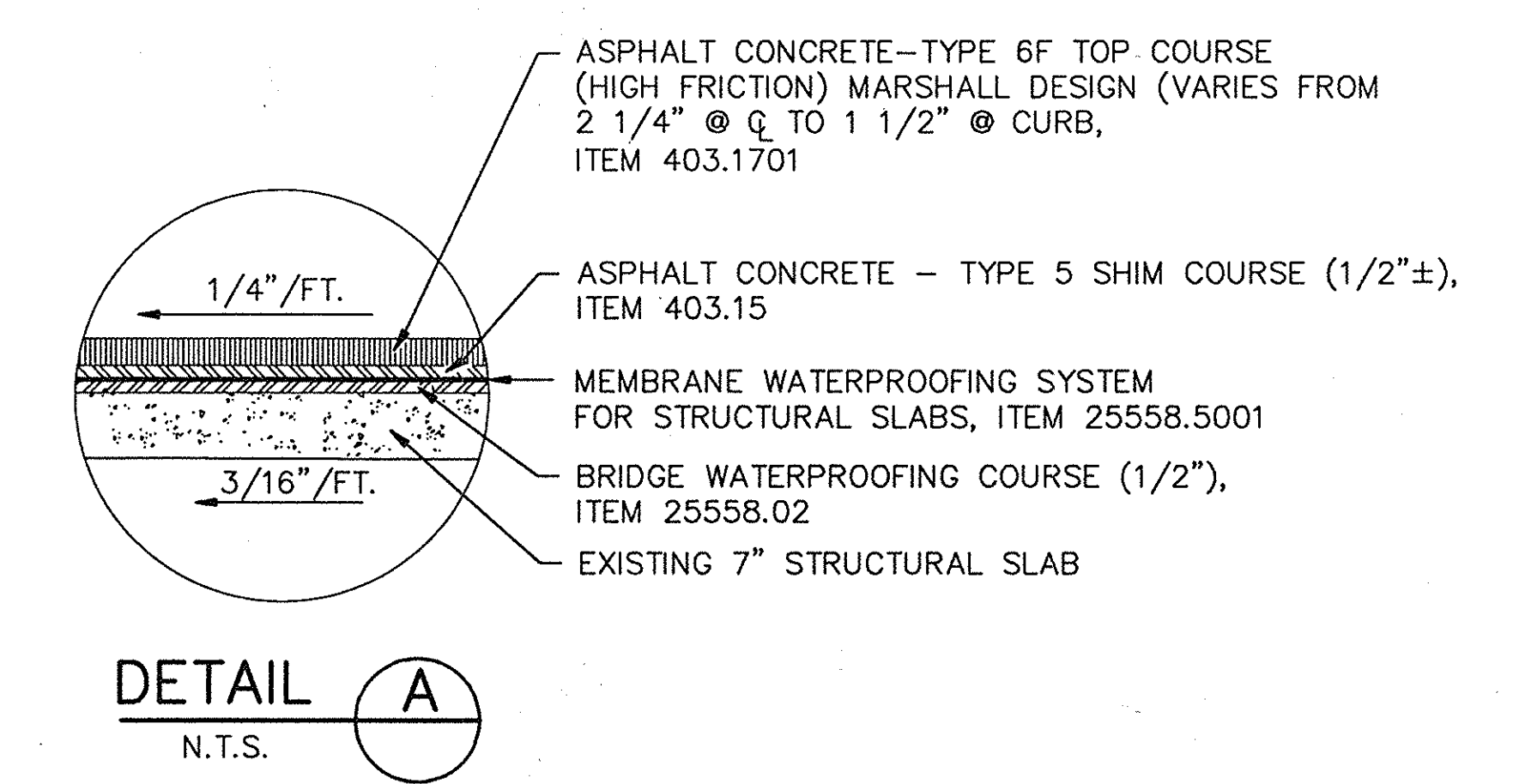
DRAFTED BY: *M. K. Hamel*

DESIGNED BY: *Thomas C. Auld*

IN CHARGE OF: *Robert D. Hamel*



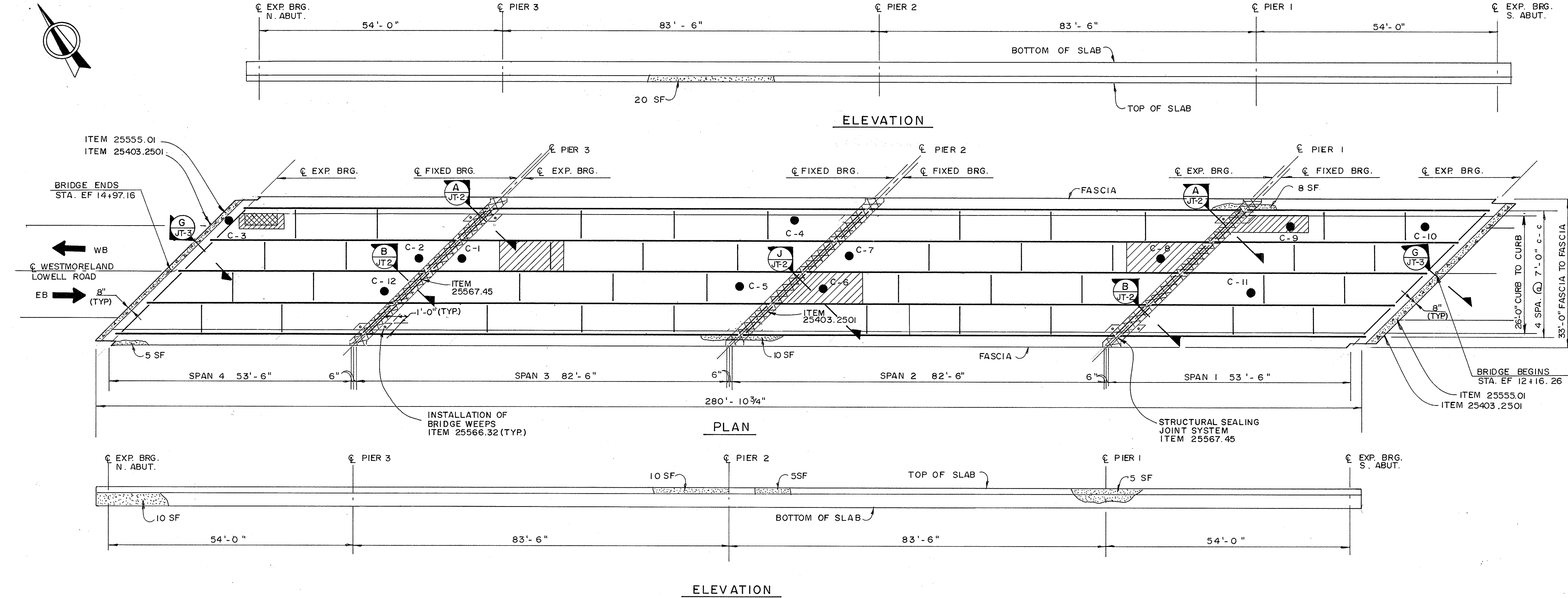
EXISTING BRIDGE SECTION
SCALE: 3/8" = 1' - 0"



PROPOSED BRIDGE SECTION
SCALE: 3/8" = 1' - 0"

BIN 5512940			
	NO REVISIONS	BAF	
REVISIONS			
DATE	DESCRIPTION	BY	SYM.
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 247.86			
TITLE OF DRAWING			
TYPICAL SECTIONS			
CONTRACT NUMBER: TAS 92-74B			
DATE: SEPT., 1992			
DRAWING NUMBER: TS-8			

IN CHARGE OF: *Robert W. Harnady*
 DESIGNED BY: *Thomas C. Reed*
 DRAFTED BY: *M. E. Kinnel*
 CHECKED BY: *W. Paul Gindor*



DECK REPAIR PLAN

Scale: 3/32" = 1'-0"

LEGEND

- FULL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303
- PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303
- REMOVAL OF STRUCTURAL CONCRETE & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25582.06
- C-# BRIDGE DECK CORE LOCATION
- CONCRETE FOR STRUCTURES, CLASS A, ITEM 25555.01

NOTES:

1. FOR FULL AND PARTIAL DEPTH REPAIR DETAIL, SEE DWG. MIS-1.
2. FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-2 AND JT-3.
3. FOR DETAILS OF THE INSTALLATION OF BRIDGE WEEPS, SEE DWG. MIS-3.



BIN 5512940			
No. Revisions		Date	
REVISIONS NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 247.86			
TITLE OF DRAWING DECK REPAIR PLAN			
		CONTRACT NUMBER: TAS 92-74B DATE: SEPT., 1992 DRAWING NUMBER: DR-8	

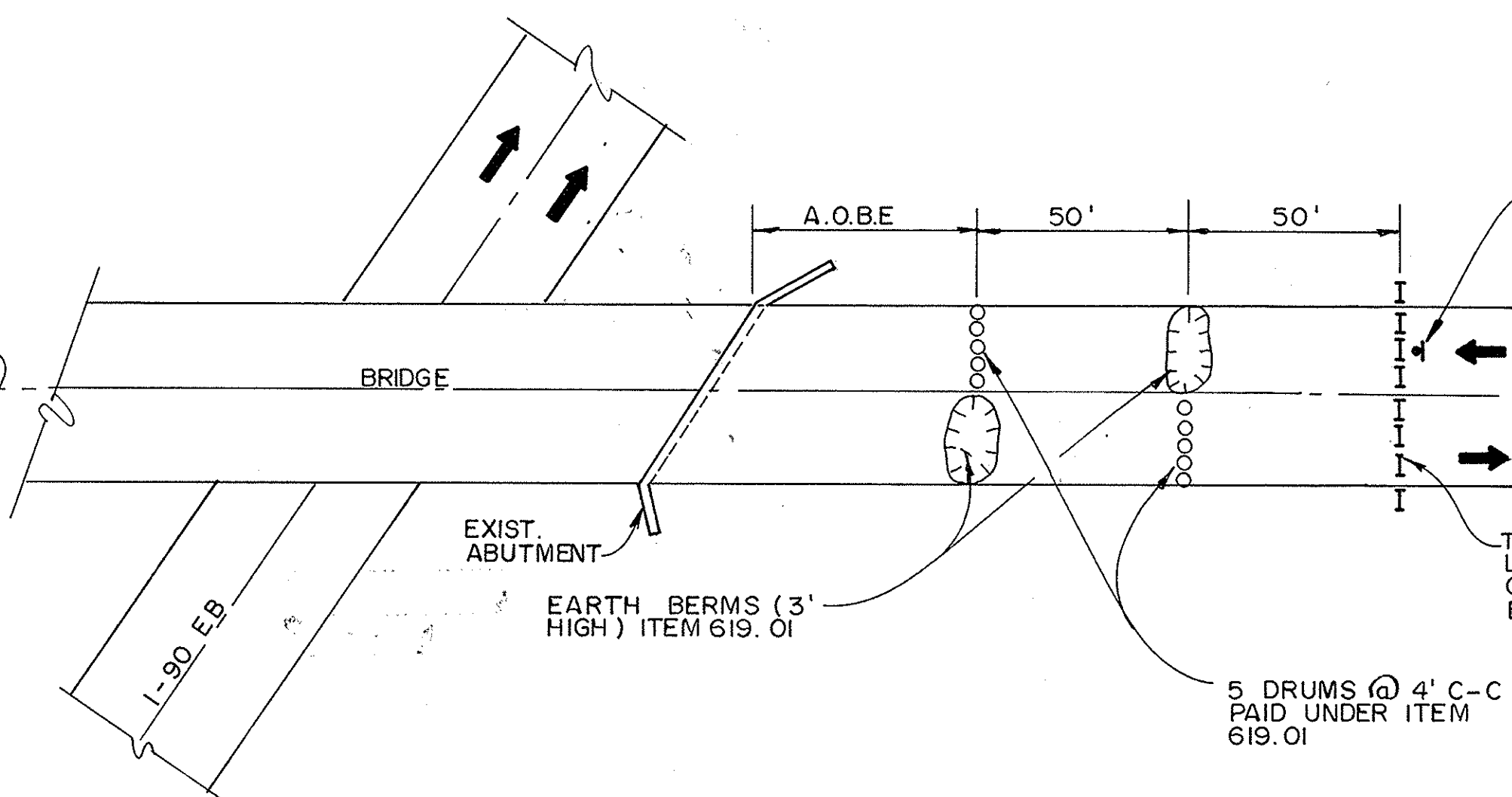
CHECKED BY: *V. Paul Zabel*

DRAFTED BY: *M. E. HADJIDIS*

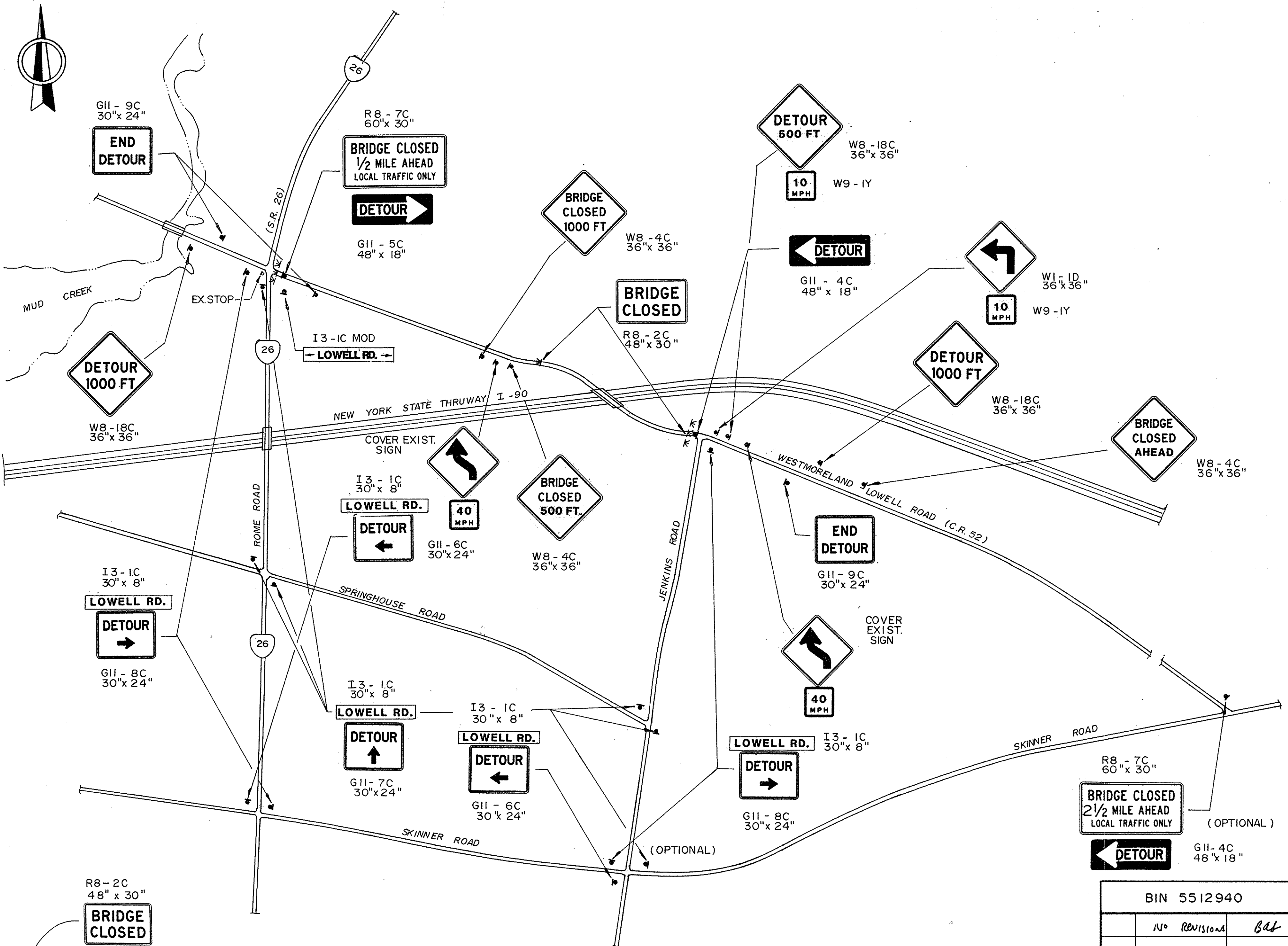
DESIGNED BY: *Thomas C. And*

IN CHARGE OF: *Robert A. Kennedy*

WESTMORELAND
LOWELL RD. (CR. 52)



**LOCAL ROAD
TRAFFIC CONTROL BARRICADE ***
NTS



DETOUR PLAN
NTS

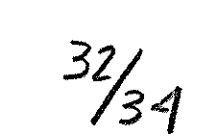
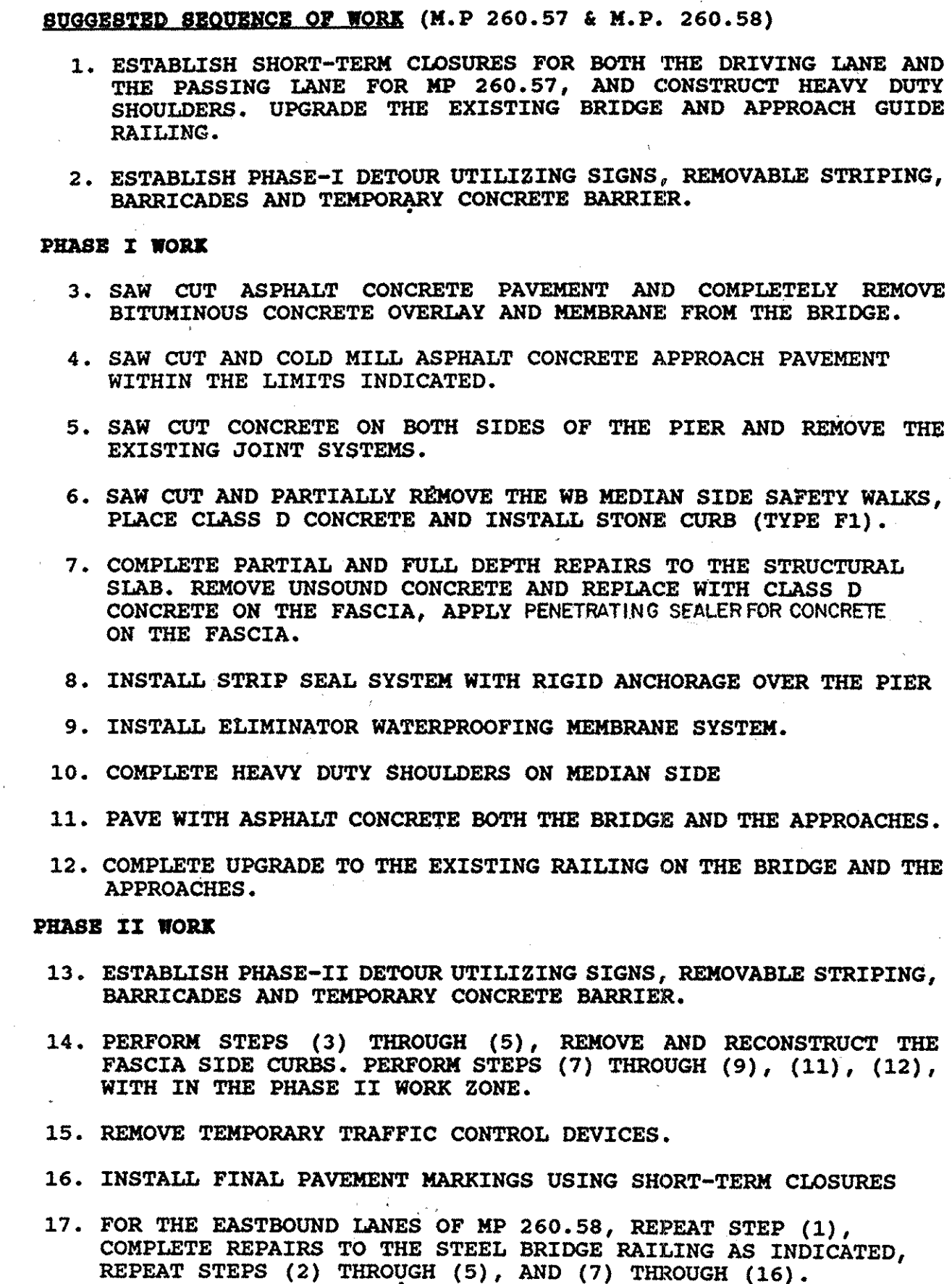
TYPE III BARRICADES WITH STEADY BURN LIGHTS PAID UNDER ITEMS 619.0413. COST OF STEADY BURN LIGHTS TO BE INCLUDED IN BID PRICE FOR ITEM 619.0413


* TYPICAL AT BOTH APPROACHES TO THE BRIDGE

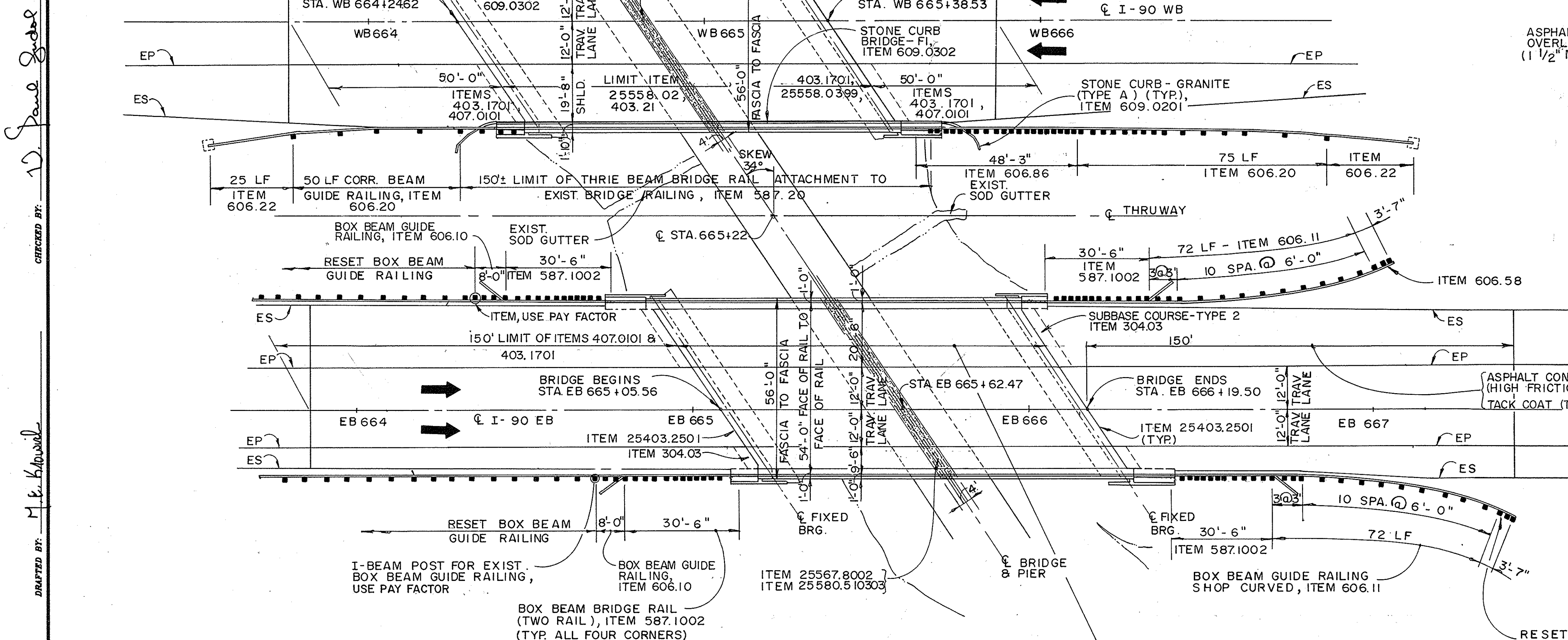
LEGEND

- ⚠ TYPE III CONSTRUCTION BARRICADES (ITEM 619.0413) 20 FT. WIDE, WITH LIGHTING FOR CONSTRUCTION BARRICADES
- ➡ CONSTRUCTION SIGN, ITEM 619.02

BIN 5512940			
No	REVISION	BY	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 247.86			
TITLE OF DRAWING MAINTENANCE & PROTECTION OF TRAFFIC			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: SEPT., 1992	
		DRAWING NUMBER: MPT-8	

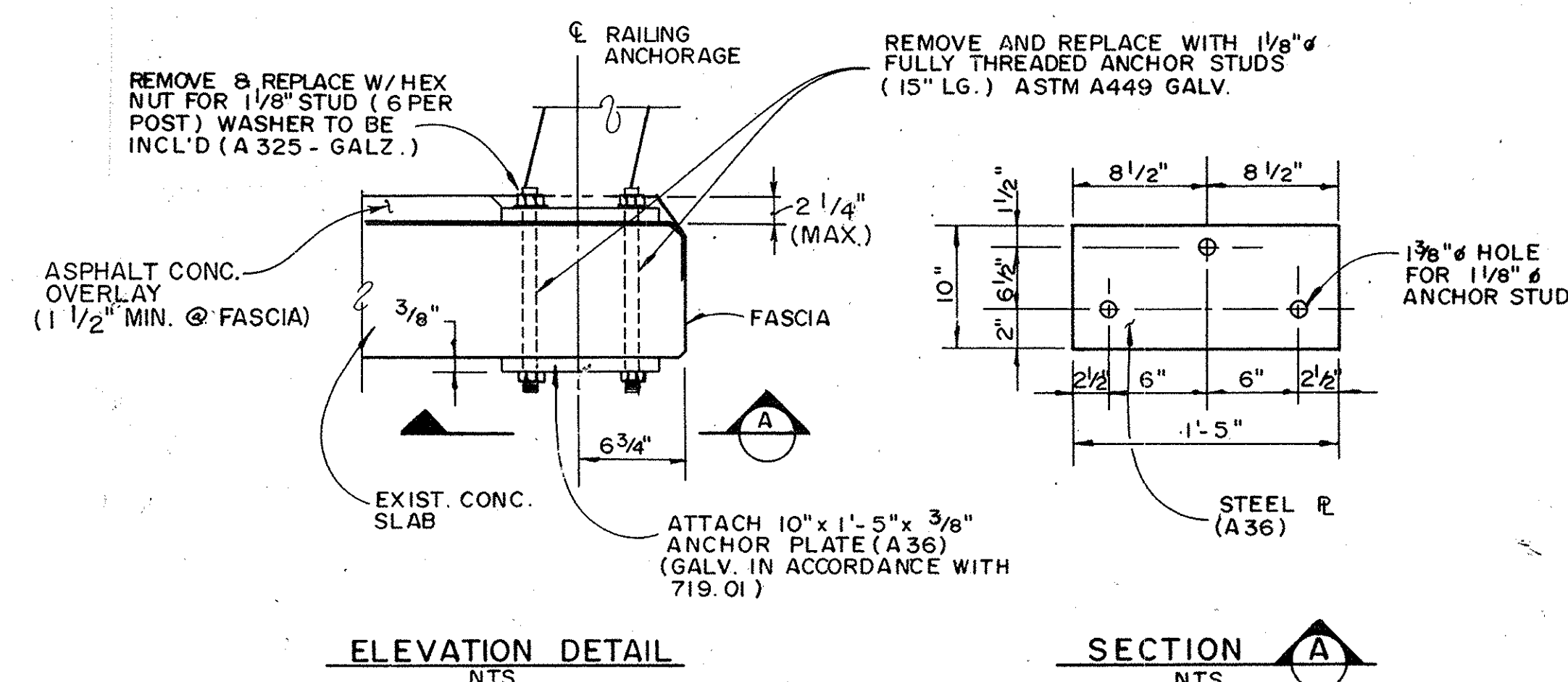


BIN 551284I		BIN 5512842	
	<i>No Revisions</i>	<i>Bal</i>	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY LOCATION OF PROJECT M.P. 260.57 & M.P. 260.58 TITLE OF DRAWING EXISTING PLAN & ELEVATION			
		CONTRACT NUMBER: TAS 92-74B DATE: SEPT., 1992 DRAWING NUMBER: EP - 9	



PROPOSED PLAN

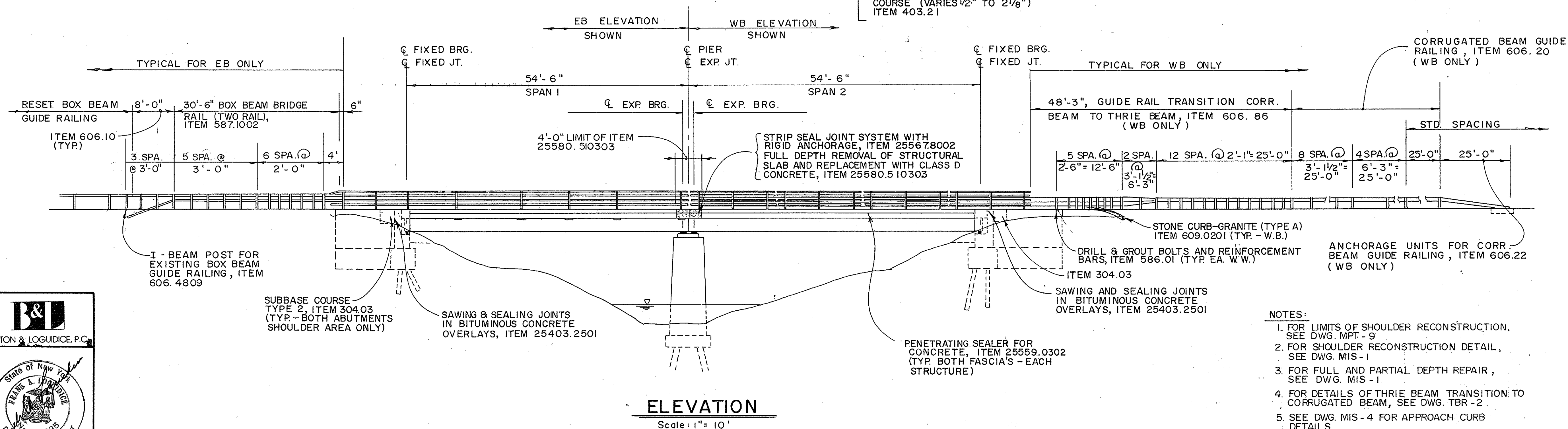
Scale : 1" = 20'



REPAIRS TO STEEL BRIDGE RAILING

(ITEM 25568.110001)
(EB ONLY)

PROPOSED LOAD RATINGS		
MEMBER	BIN 5512841 (M.P. 260.57 WB)	
	INVENTORY	OPERATING
INTERIOR	HS 17.7 (31.9 TON)	HS 32.4(31.9 TON)
	H 25.5(25.5 TON)	H 46.7 (46.7 TON)
* EXTERIOR FASCIA	HS 12.7 (22.9 TON)	HS 26.0(46.8 TON)
	H 18.4 (18.4 TON)	H 37.5 (37.5 TON)
** MEDIAN FASCIA	HS 12.7 (22.9 TON)	HS260.(46.8 TON)
	H 18.4 (18.4 TON)	H 37.5 (37.5 TON)
SAFE LOAD CAPACITY	31.9 TONS	
MEMBER	BIN 5512842 (M.P. 260.58 EB)	
	INVENTORY	OPERATING
INTERIOR	HS 17.1 (30.8 TON)	HS 31.8 (57.2 TON)
	H 24.7(24.7 TON)	H 45.8 (45.8 TON)
* EXTERIOR FASCIA	HS 4.2(25.6 TON)	HS 27.4 (49.3 TON)
	H 20.5(20.5 TON)	H 39.6 (39.6 TON)
MEDIAN FASCIA	HS 14.2 (25.6 TON)	HS 27.4 (49.3 TON)
	H 20.5(20.5 TON)	H 39.6(39.6 TON)
SAFE LOAD CAPACITY	39.6 TONS	

$$\frac{33}{3}$$


ELEVATION

Scale : 1" = 10'

NOTES:

1. FOR LIMITS OF SHOULDER RECONSTRUCTION,
SEE DWG. MPT - 9
2. FOR SHOULDER RECONSTRUCTION DETAIL,
SEE DWG. MIS - 1
3. FOR FULL AND PARTIAL DEPTH REPAIR,
SEE DWG. MIS - 1
4. FOR DETAILS OF THRIE BEAM TRANSITION TO
CORRUGATED BEAM, SEE DWG. TBR - 2
5. SEE DWG. MIS - 4 FOR APPROACH CURB
DETAILS.

BIN 5512841 & BIN 5512842

[illegible]

DATE	DESCRIPTION	BY	S
REVISIONS			

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT BRIDGE DECK
STRIP, SEAL & OVERLAY

LOCATION OF PROJECT
M.P. 260.57 & M.P. 260.58

PROPOSED PLAN & ELEVATION



CONTRACT NUMBER:

TAS 92-74B

DATE: _____

SEPT 1992

SEP 1, 1952

DRAWING NUMBER:

PP-9

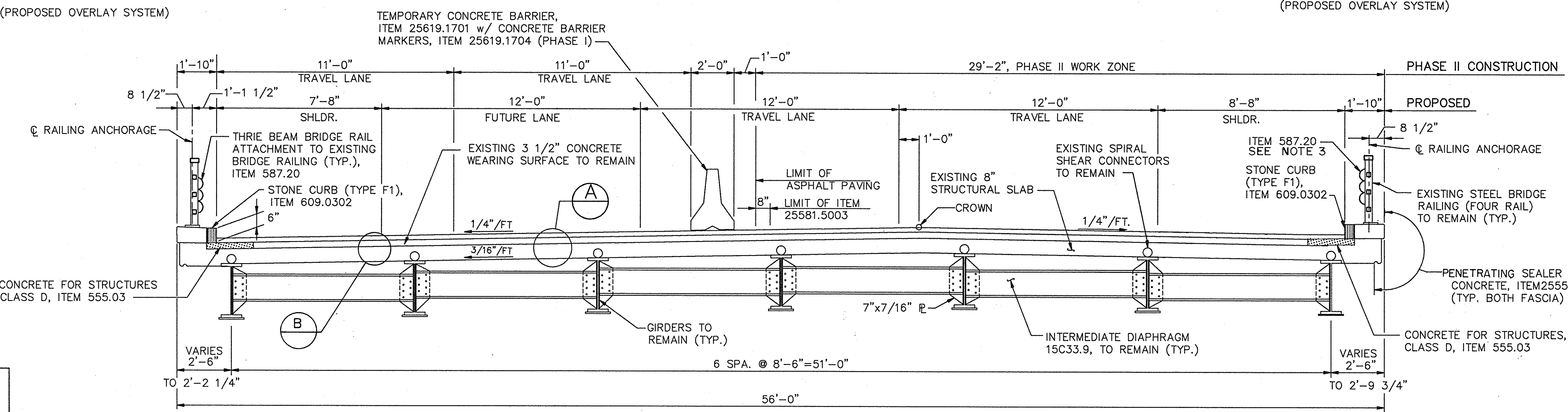
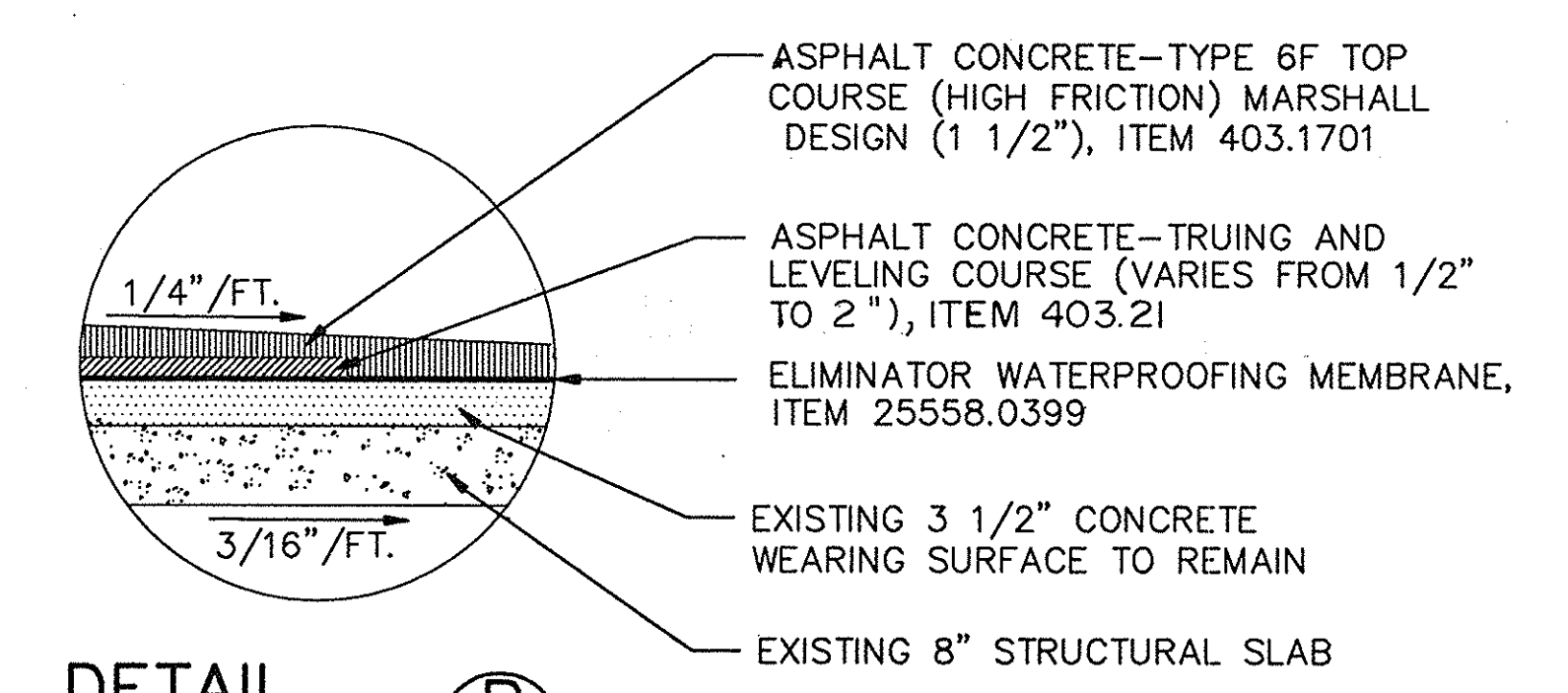
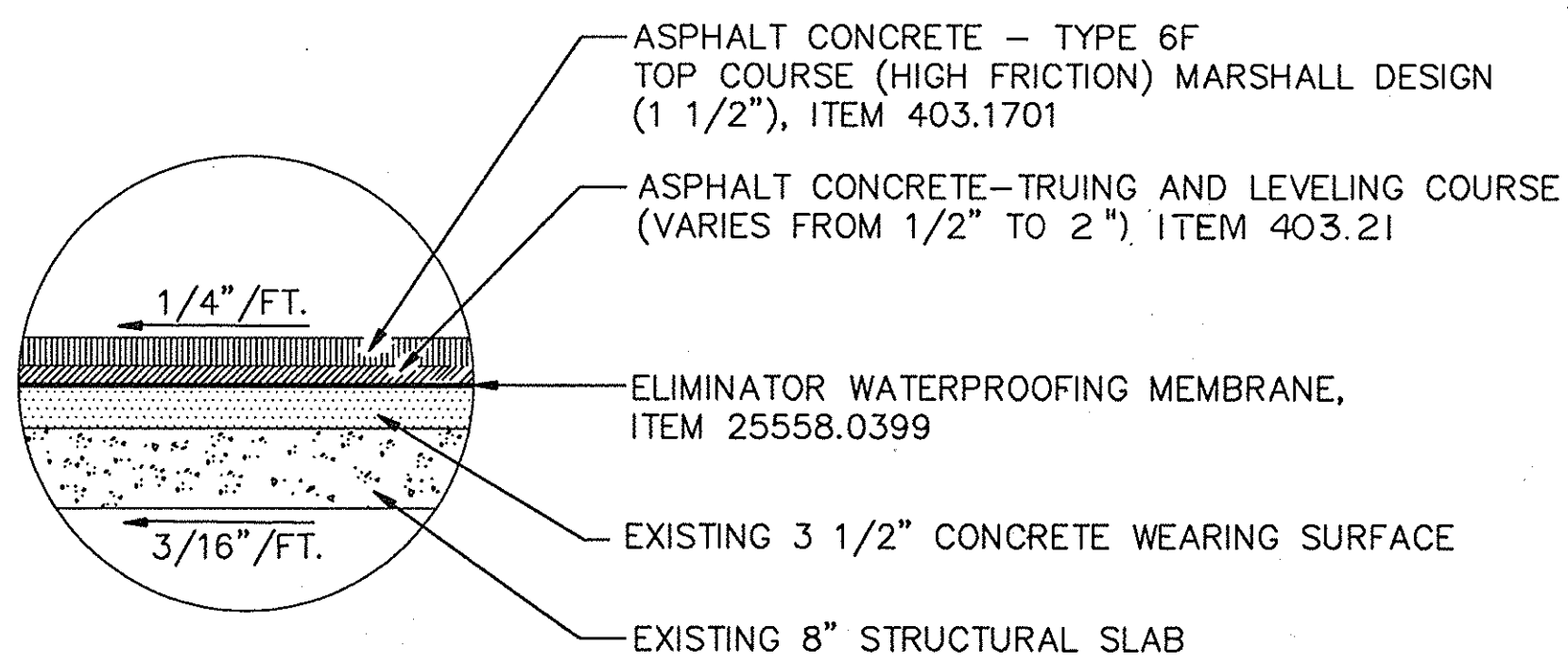
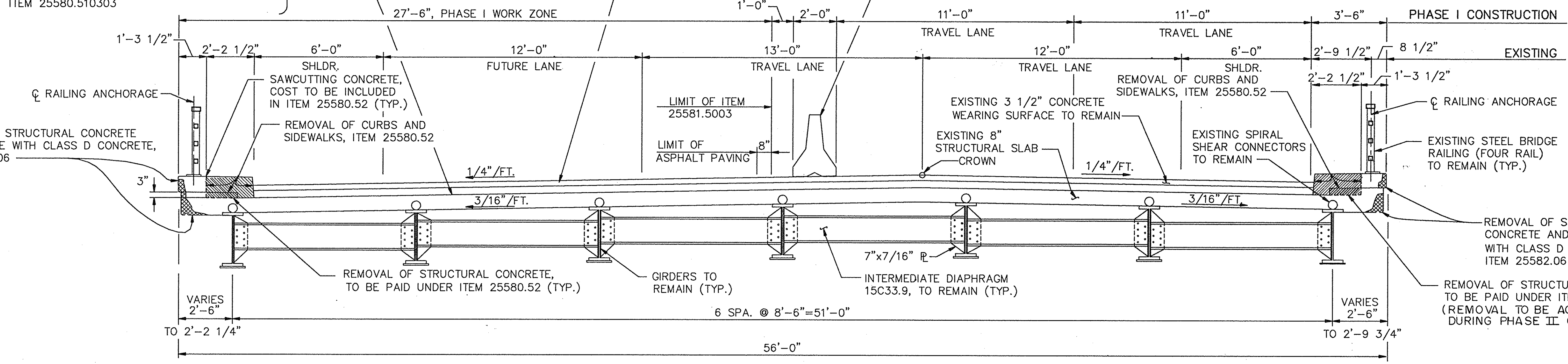


PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB AND REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303

FULL DEPTH REMOVAL OF STRUCTURAL SLAB AND REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303

REMOVAL OF EXISTING BITUMINOUS CONCRETE OVERLAY AND MEMBRANE COURSE, ITEM 25581.5003 (3"±)

TEMPORARY CONCRETE BARRIER, ITEM 25619.1701 w/ CONCRETE BARRIER MARKERS, ITEM 25619.1704 (PHASE I)



- NOTES:
- FOR CURB RECONSTRUCTION DETAILS, SEE DWG. MIS - 2.
 - FOR TYPE F1 CURB DETAILS, SEE DWG. MIS - 3.
 - THE THREE BEAM BRIDGE RAILING SHALL BE ATTACHED PRIOR TO SHIFTING THE TRAVEL LANES OVER FOR PHASE I CONSTRUCTION.

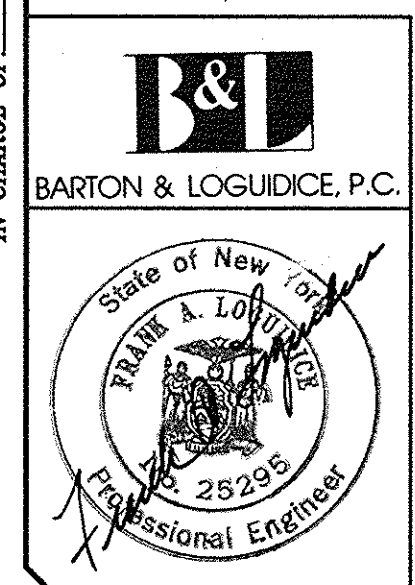
BIN 5512841			
No	Revision	By	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 260.57			
TITLE OF DRAWING TYPICAL SECTIONS			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: SEPT., 1992	
		DRAWING NUMBER: TS-9A	

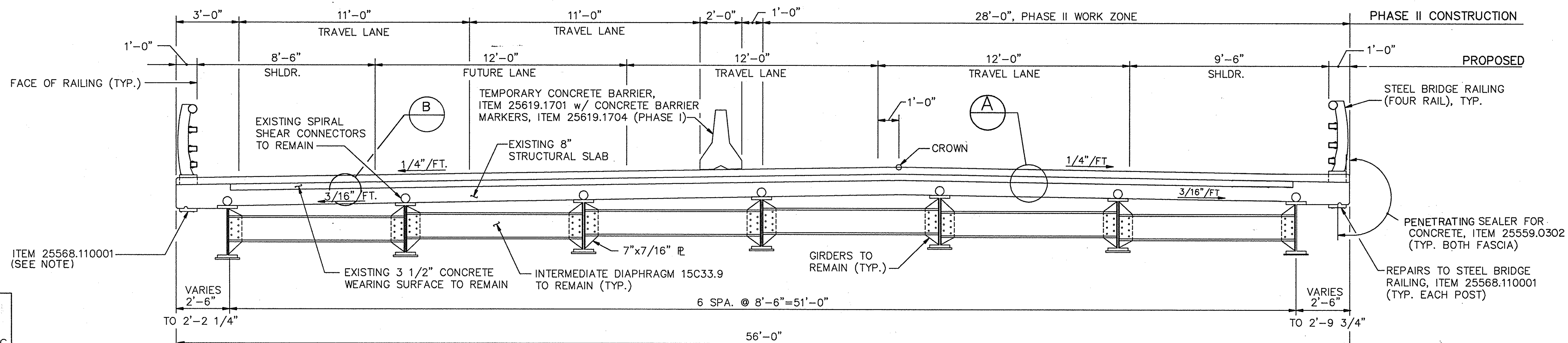
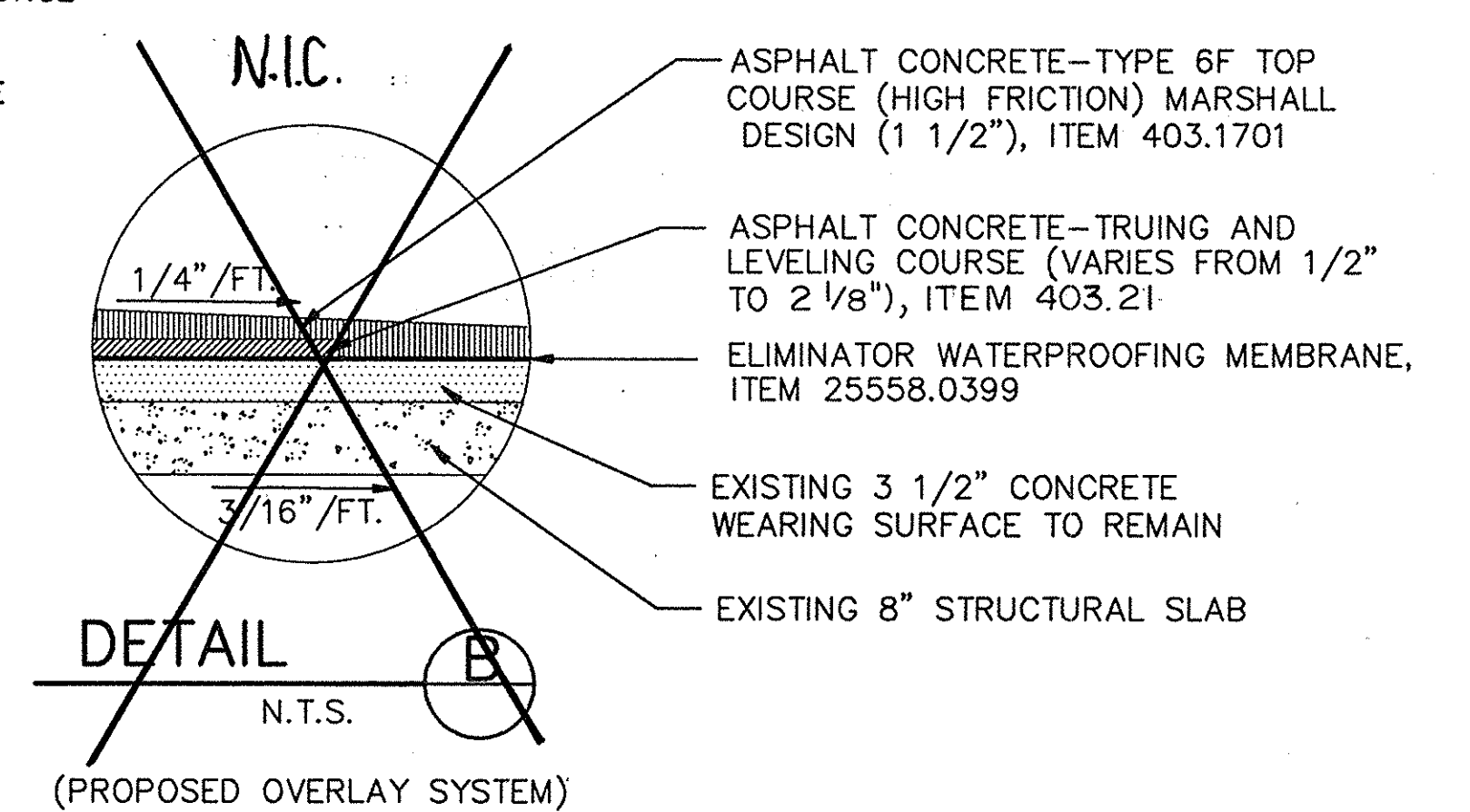
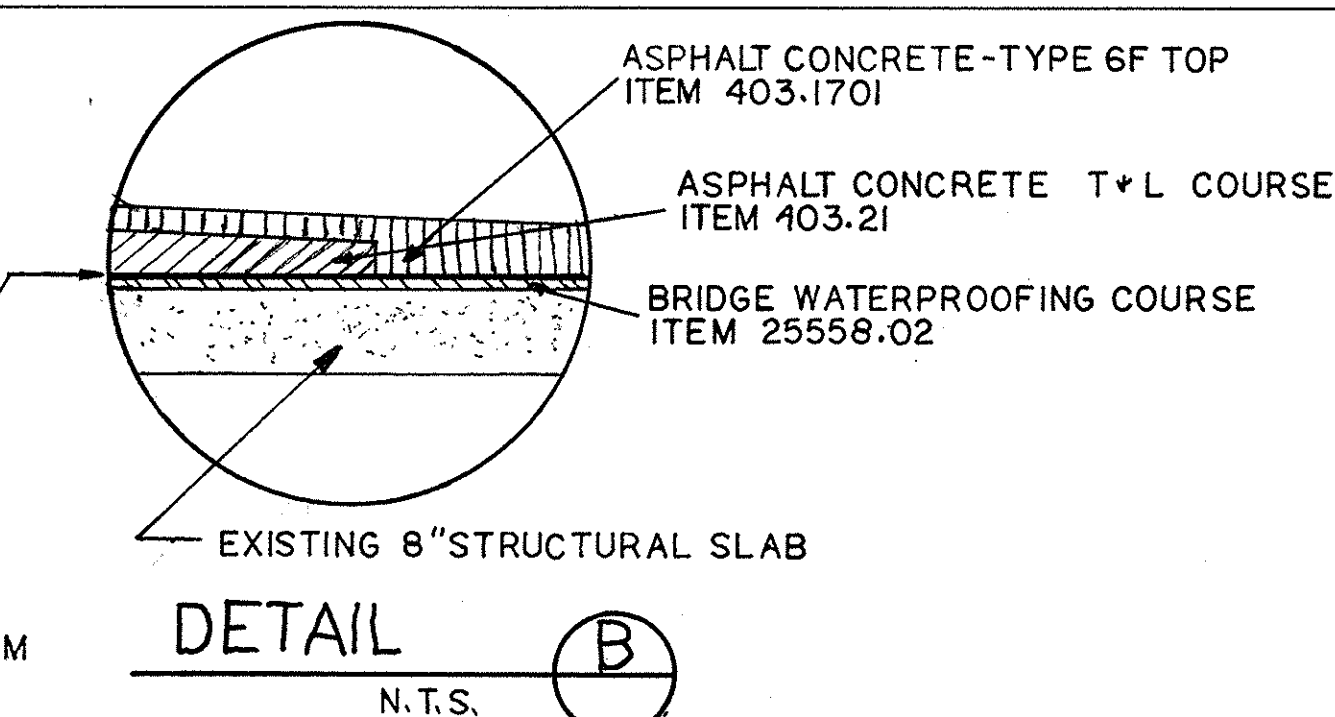
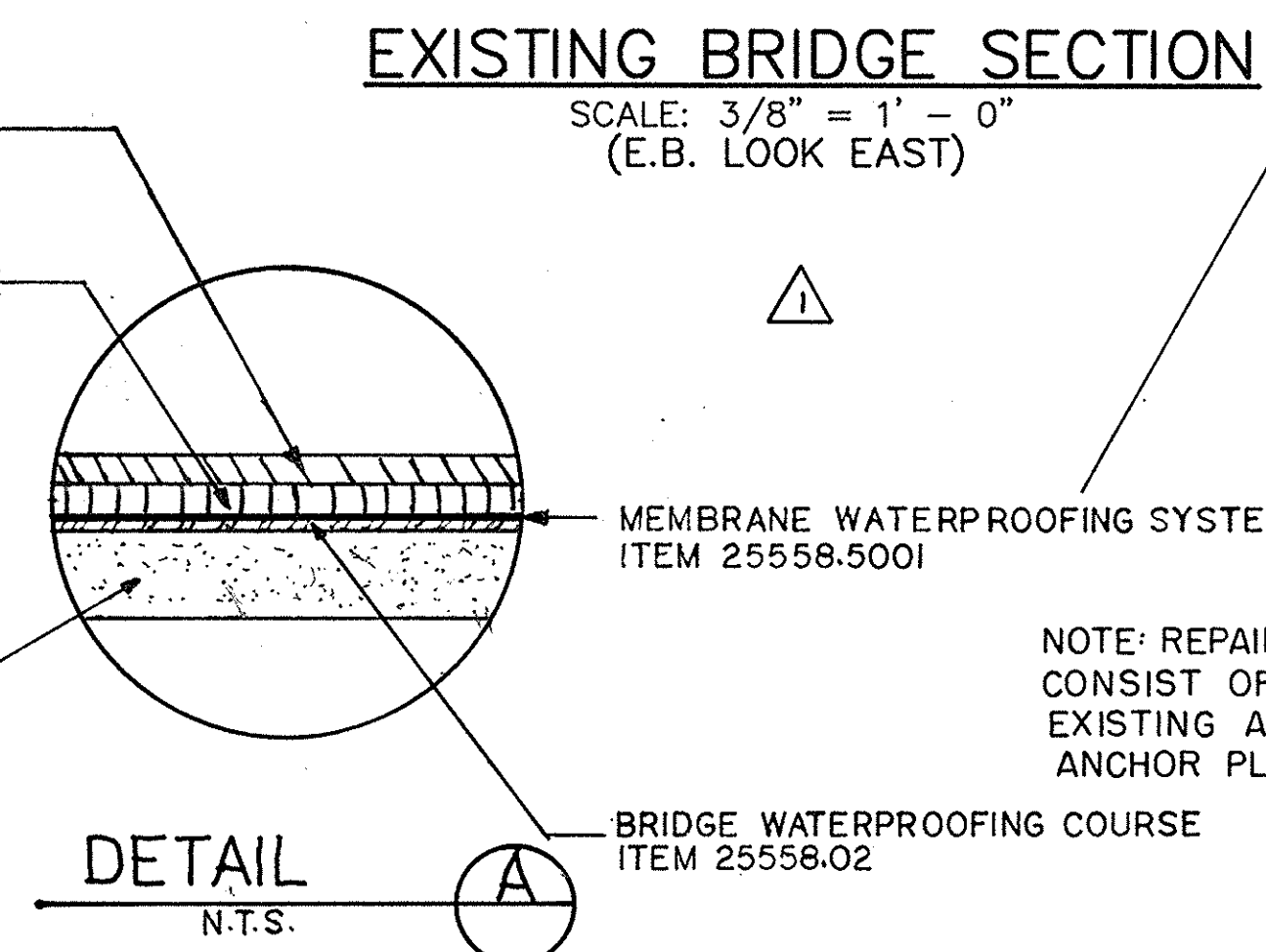
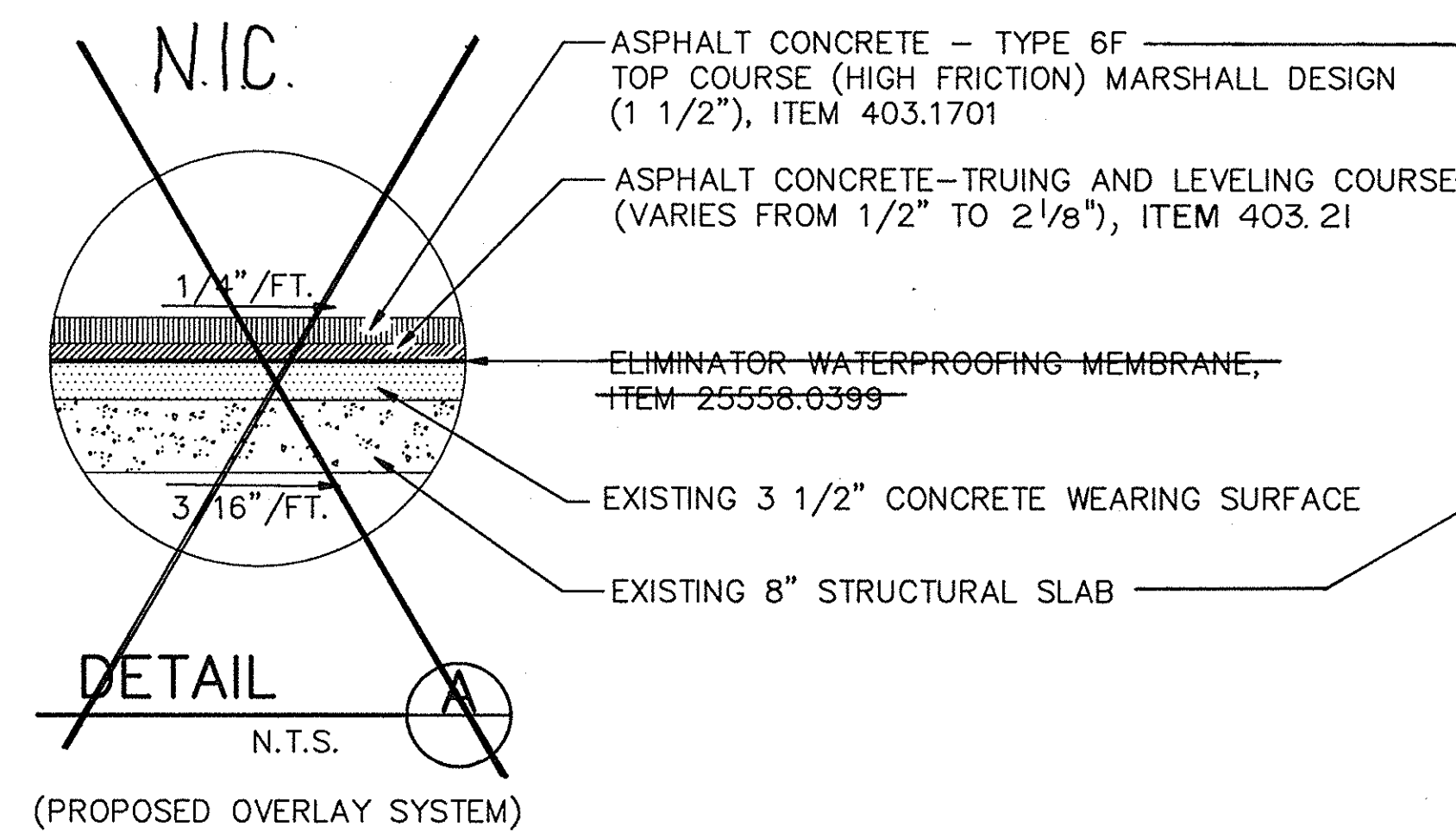
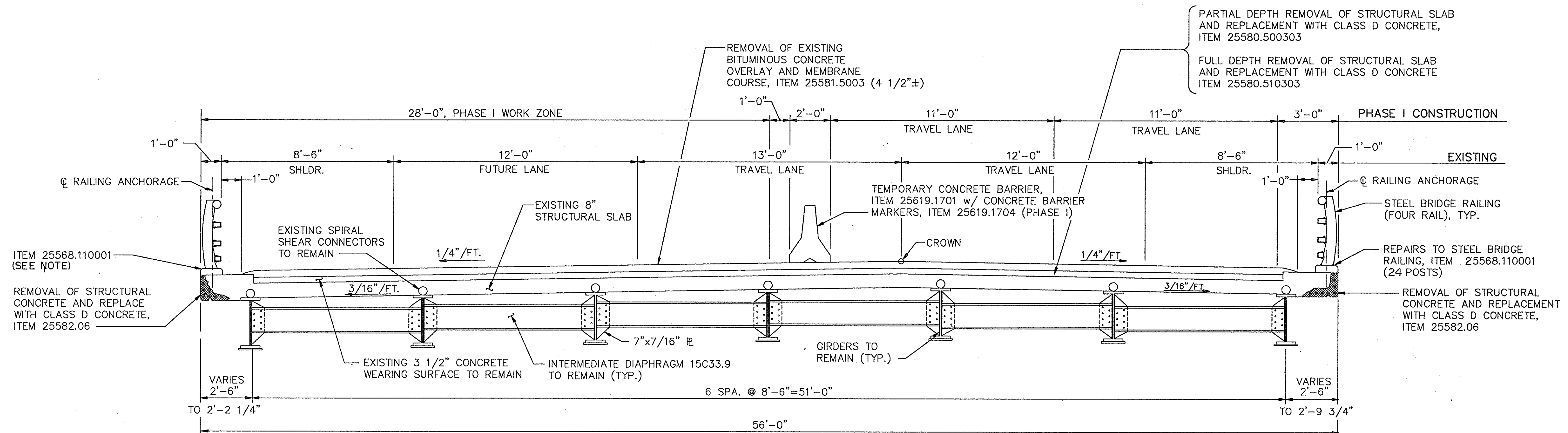
CHECKED BY: *V. Paul Goble*

DRAFTED BY: *M. K. Hamid*

DESIGNED BY: *Thomas C. Red*

IN CHARGE OF: *Robert J. Hamid*

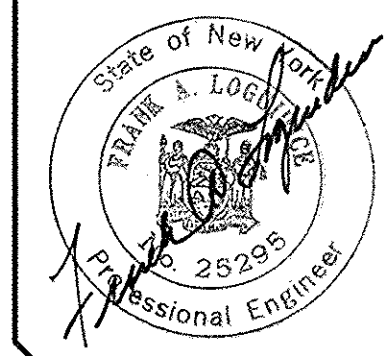




PROPOSED BRIDGE SECTION
SCALE: 3/8" = 1' - 0"
(E.B. LOOK EAST)

BIN 5512842			
12-27-14	BRIDGE WATERPROOFING & DETAIL	bat	△
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 260.58			
TITLE OF DRAWING			
TYPICAL SECTIONS			
CONTRACT NUMBER: TAS 92-74B			
DATE: SEPT., 1992			
DRAWING NUMBER: TS-9BR			

B&L
BARTON & LOGUIDICE, P.C.



CHECKED BY: W. Paul Gudel

DRAWN BY: M.E. Kowalski

DESIGNED BY: Dennis C. Adel

IN CHARGE OF: Robert W. Smalley

CHECKED BY: *W. Paul Zedler*
 DRAFTED BY: *M. E. Hymowitz*
 DESIGNED BY: *Thomas C. Hall*
 IN CHARGE OF: *Robert A. Kennedy*



LEGEND

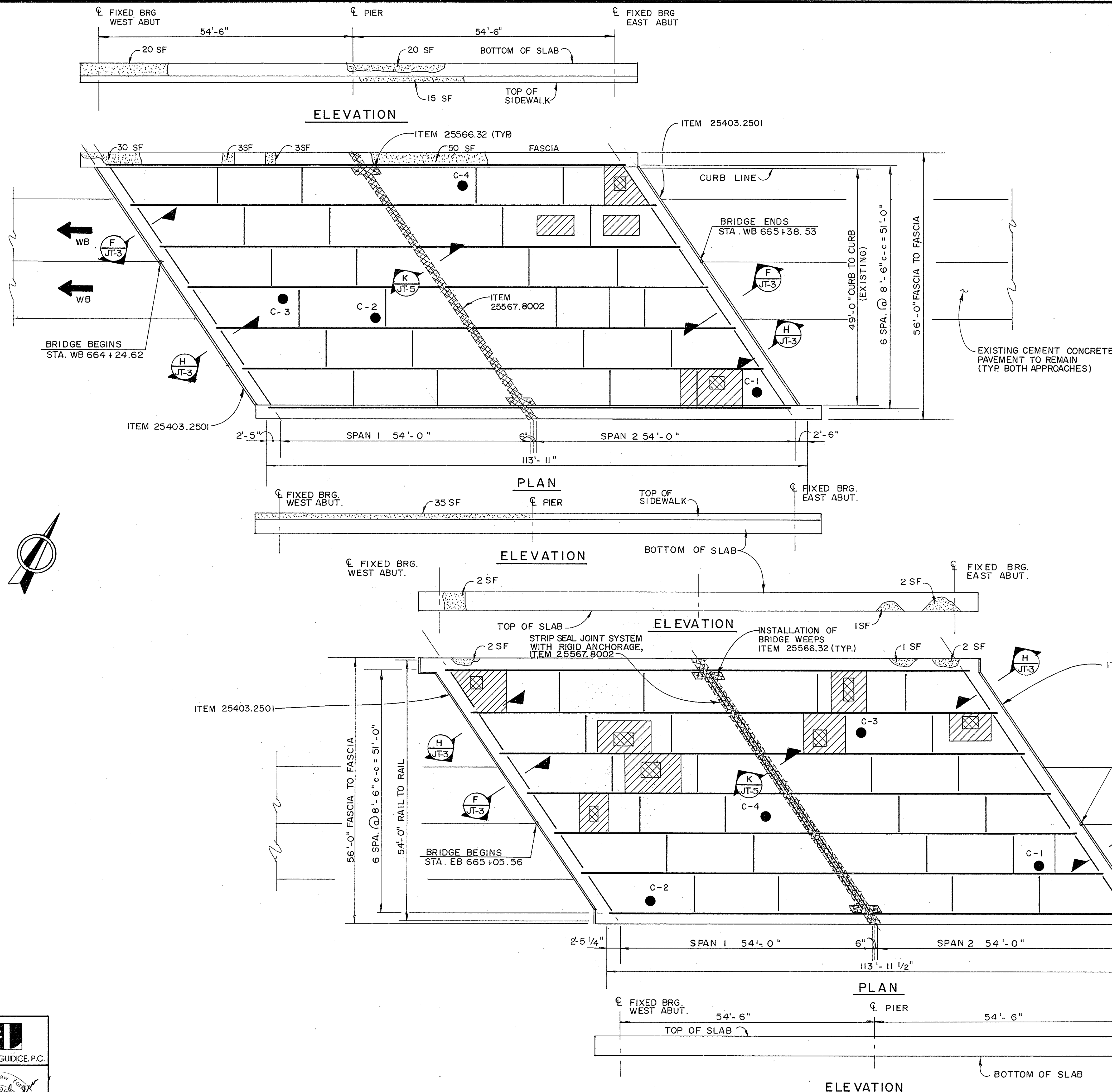
- FULL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.510303
- PARTIAL DEPTH REMOVAL OF STRUCTURAL SLAB & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25580.500303
- REMOVAL OF STRUCTURAL CONCRETE & REPLACEMENT WITH CLASS D CONCRETE, ITEM 25582.06
- C-#
 BRIDGE DECK CORE LOCATION

NOTES:

1. ALL RAILING IS TO BE ERRECTED SO THAT THE RAILS ARE PARALLEL TO EACH OTHER, AND SO THAT THE POSTS ARE TRULY VERTICAL.
2. THE BASE PLATES AND POST MAY BE MADE LEVEL AND PERPENDICULAR BY THE USE OF (1:1 RATIO CEMENT TO SAND) MORTAR.
3. AFTER THE ANCHOR STUDS HAVE BEEN PLACED AND TIGHTENED TO THE SATISFACTION OF THE ENGINEER, THE STUDS SHALL BE FLAME CUT OFF ONE (1)-INCH ABOVE THE NUT AND THE FIRST THREE THREADS ABOVE THE NUT SHALL BE DAMAGED AS ORDERED BY THE ENGINEER.
4. BOLTS SHALL BE TORQUED SNUG TIGHT (APPROXIMATELY 100 FT-LBS).
5. THE ANCHOR STUDS, HEX NUTS, WASHERS AND LOWER ANCHOR PLATES SHALL BE GALVANIZED IN ACCORDANCE TO THE SPECIFICATIONS.
6. THE COST OF THE LOWER ANCHOR PLATE, 1-1/8" DIA ANCHOR STUDS, WASHERS, HEX NUTS, AND ALL WORK ASSOCIATED WITH REMOVING THE EXISTING STUDS AND INSTALLING THE NEW STUDS AND LOWER ANCHOR PLATES SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 25568.110001

NOTES:

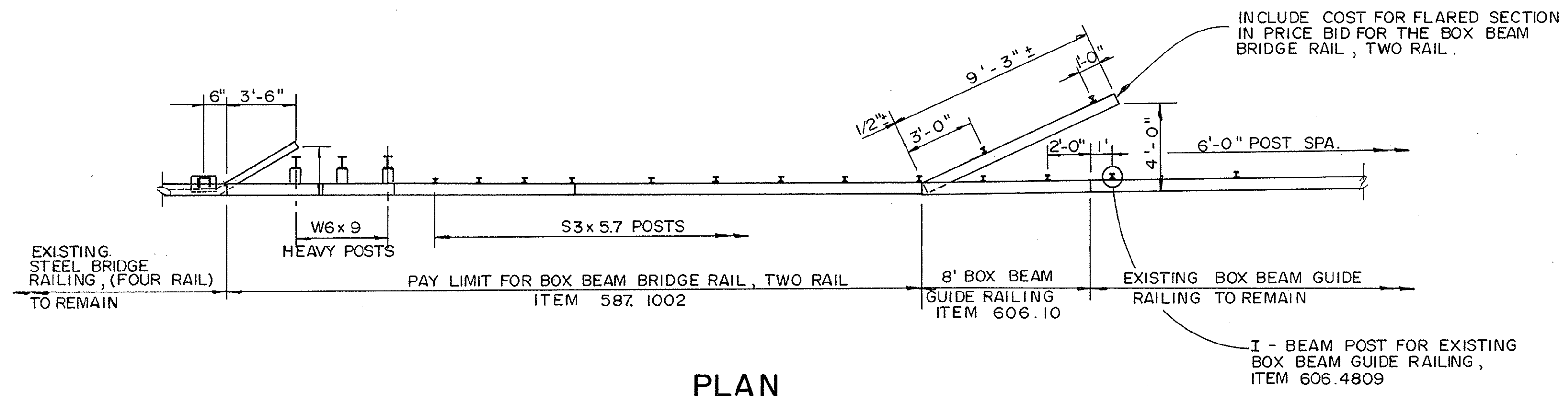
1. FOR FULL AND PARTIAL DEPTH REPAIR DETAIL, SEE DWG. MIS-1
2. FOR JOINT DETAILS AT ABUTMENT, SEE DWG. JT-3 AND JT-5.
3. FOR DETAILS OF THE INSTALLATION OF BRIDGE WEEPS, SEE DWG. MIS-3.



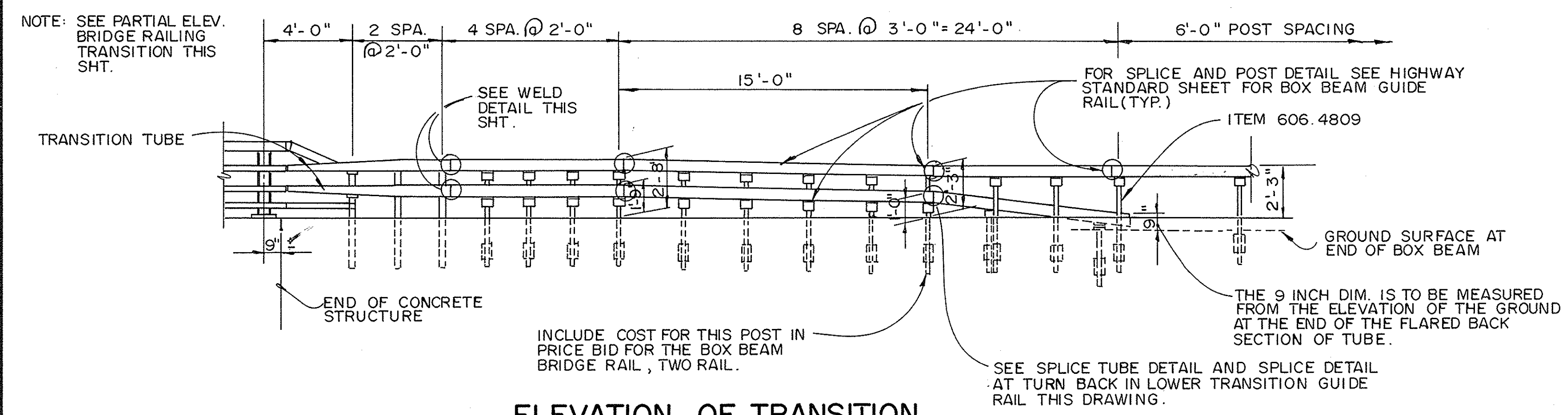
DECK REPAIR PLAN
 Scale: 3/32" = 1'-0"

BIN 51512841 & BIN 51512842			
	NO REVISIONS	BAL	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK, STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 260.57 & M.P. 260.58			
TITLE OF DRAWING DECK REPAIR PLAN			

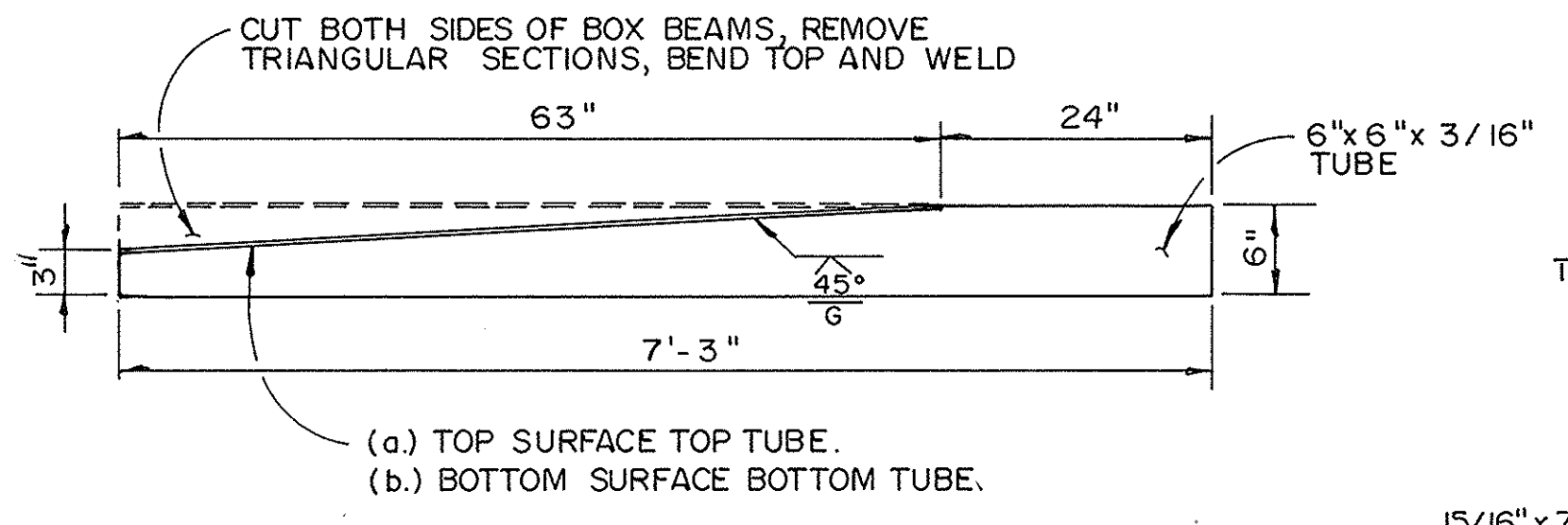
CHECKED BY: *W. Paul G. G. G.*
 DRAFTED BY: *M. K. K. K.*
 DESIGNED BY: *Thomas C. C. C.*
 IN CHARGE OF: *Robert C. C. C.*



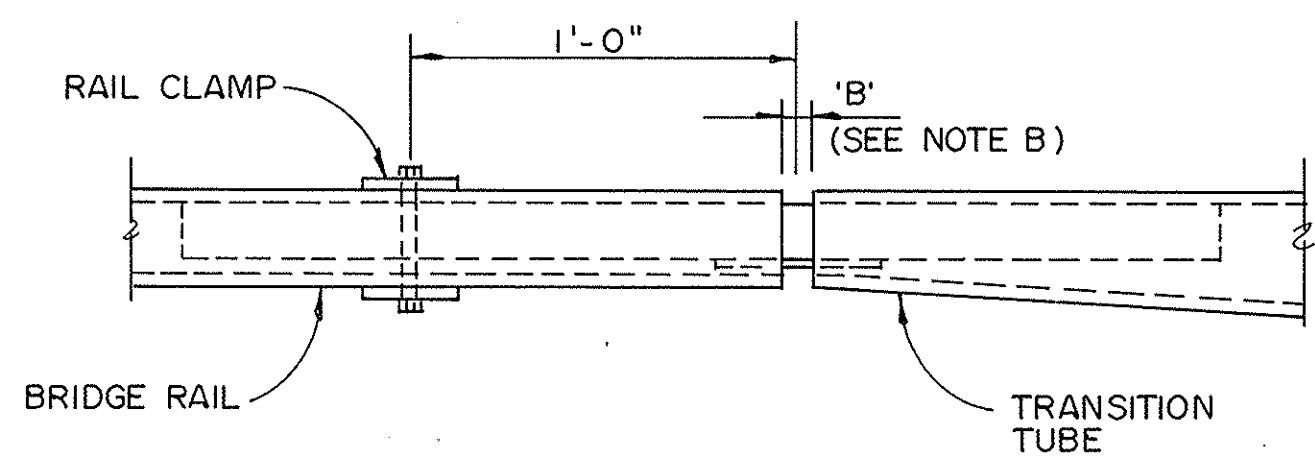
PLAN
BOX - BEAM - TO - BRIDGE - RAIL TRANSITION



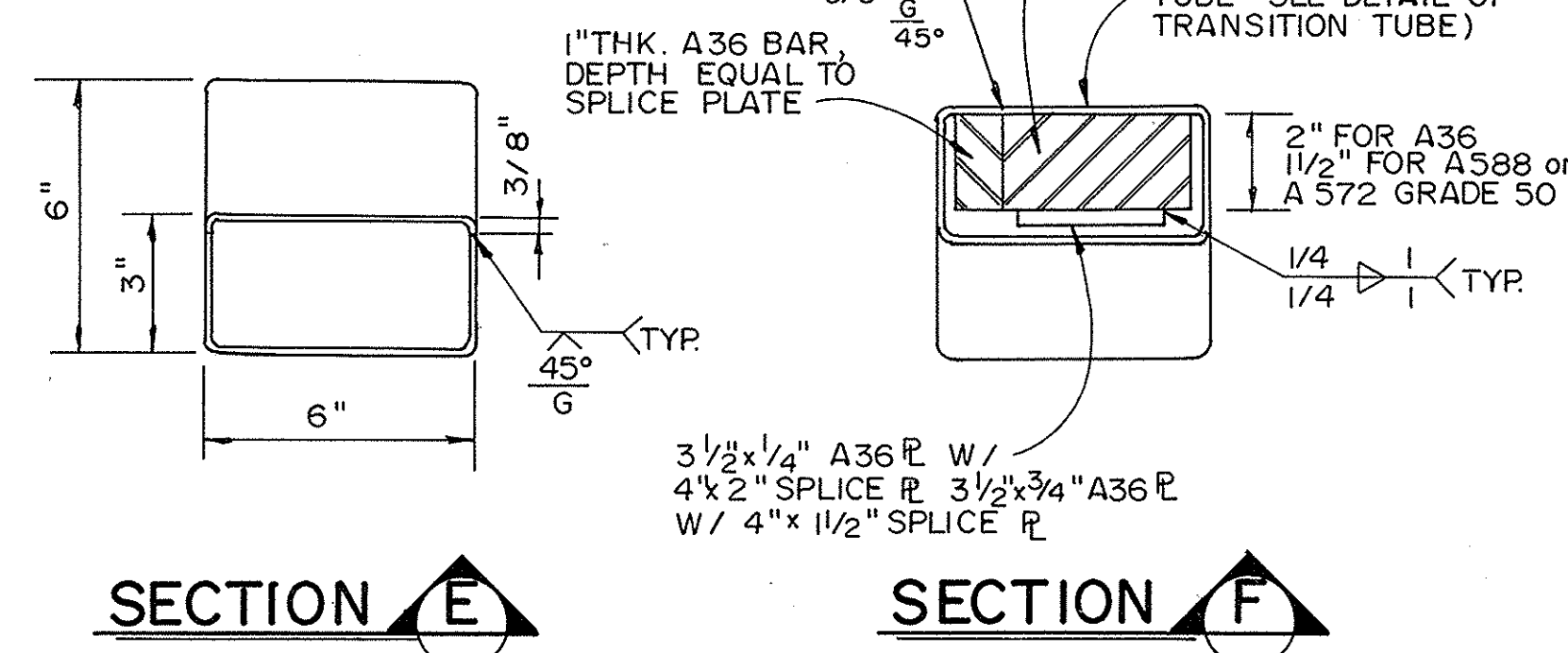
ELEVATION OF TRANSITION



DETAIL OF TRANSITION TUBE

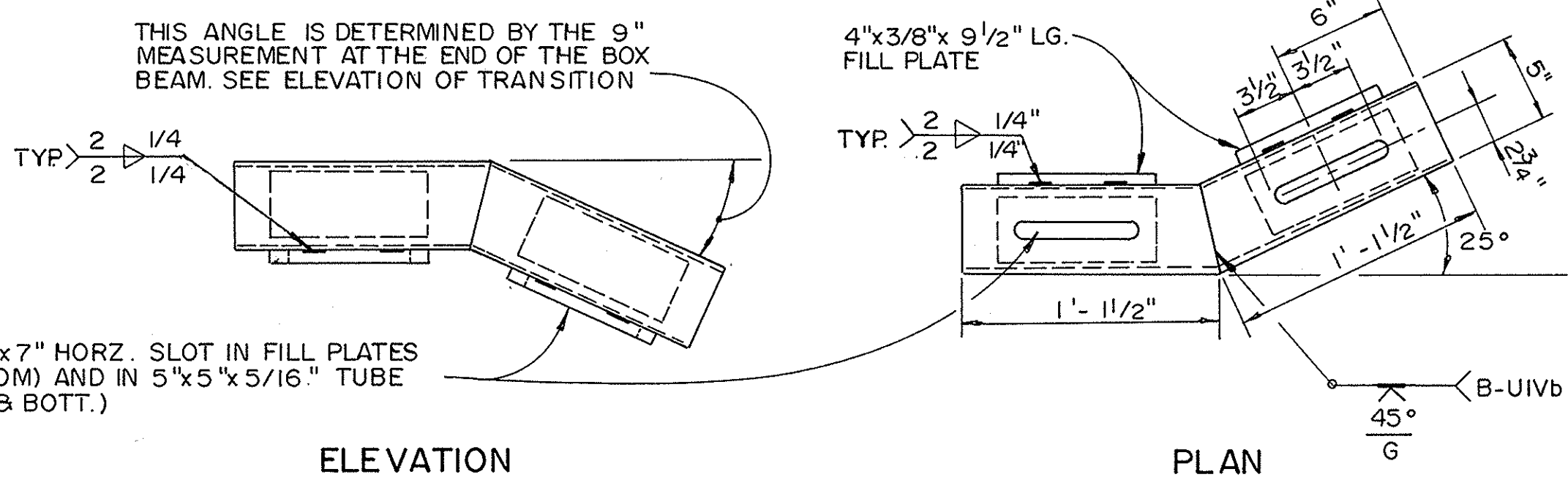


ELEVATION VIEW OF BRIDGE RAIL TO TRANSITION BOX BEAM SPLICE

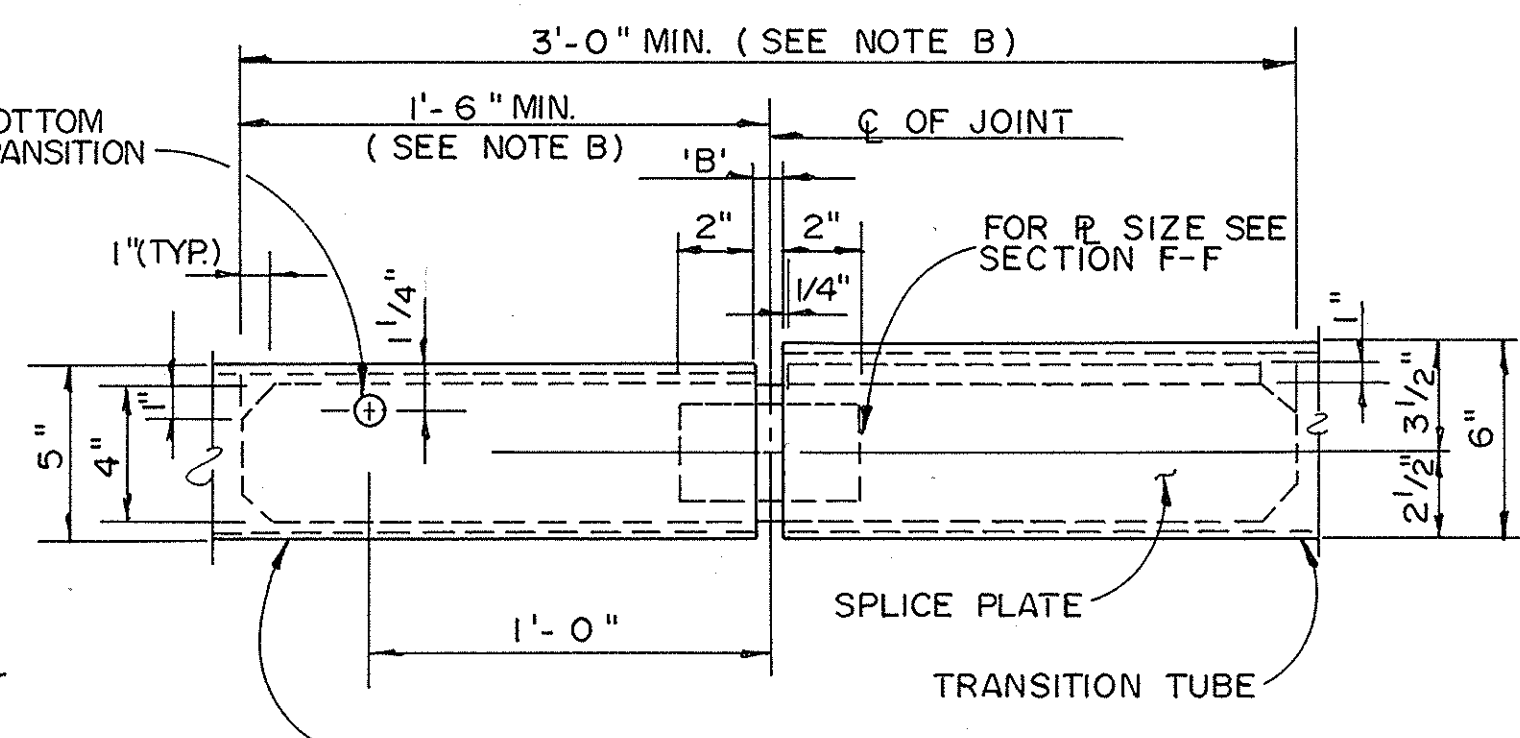


SECTION E

SECTION F

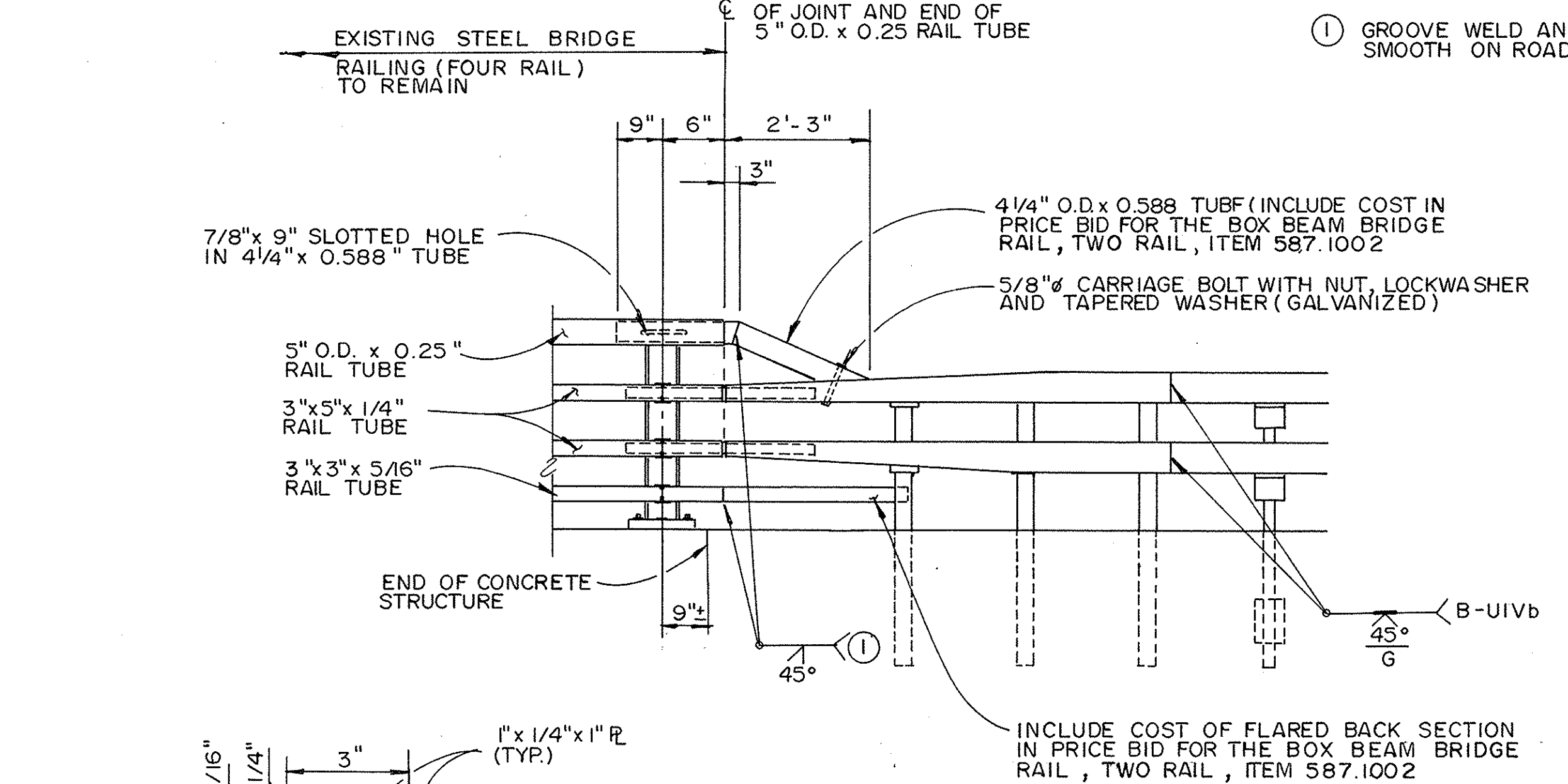


SPLICE TUBE DETAIL

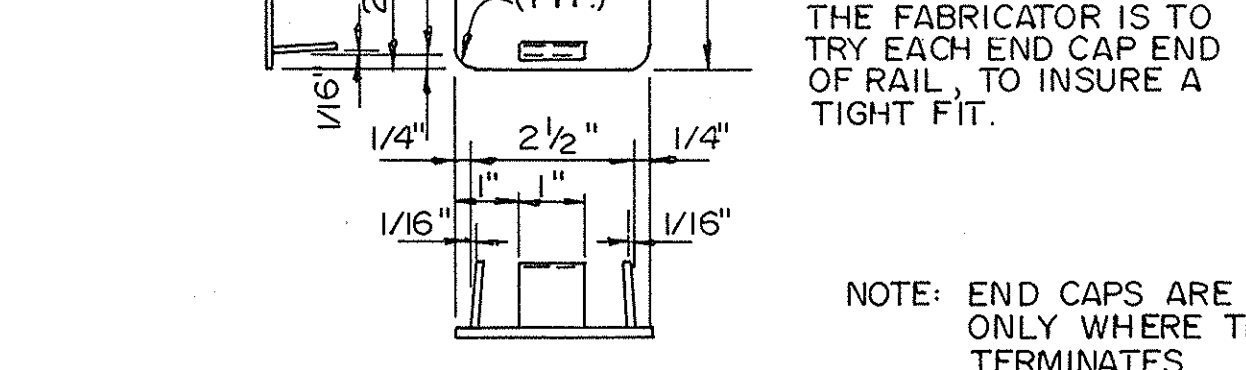


PLAN-TRANSITION TUBE JOINT ASSEMBLY

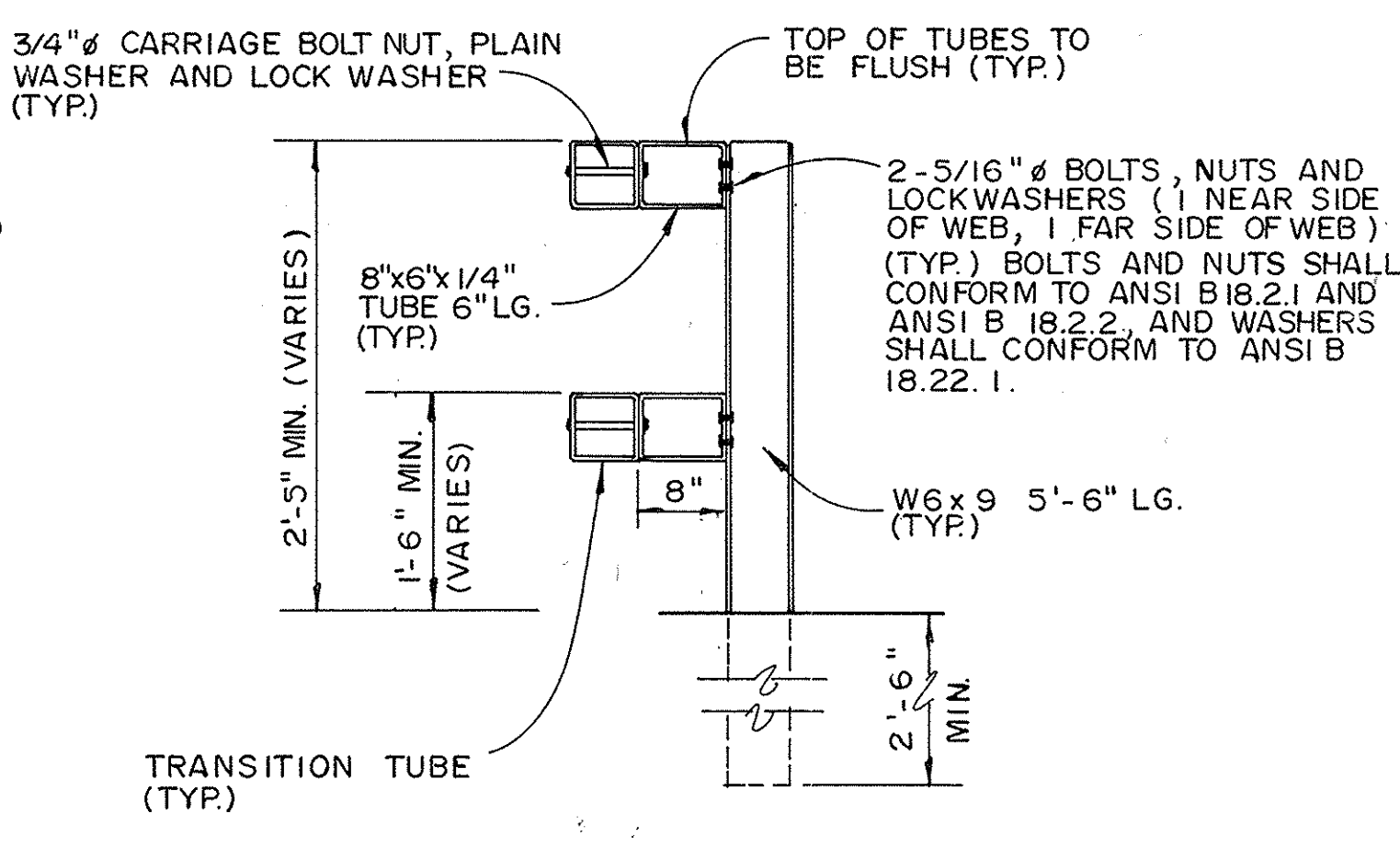
NOTE B: 'B' FOR SPLICE JOINT = 1" 'B' FOR EXPANSION JOINT = LONGITUDINAL OPENING IN THE DECK + 1/4" (1" MIN). IF EXPANSION CAPACITY GREATER THAN 6" IS NEEDED, INCREASE SPLICE LENGTH TO EQUAL 3'-0" + (B-6)



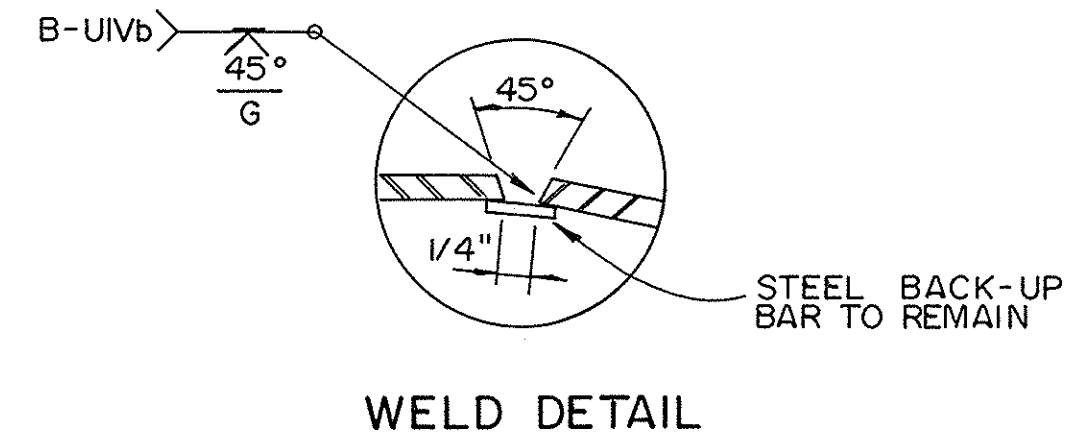
PARTIAL ELEVATION
4-RAIL BRIDGE RAILING TRANSITION



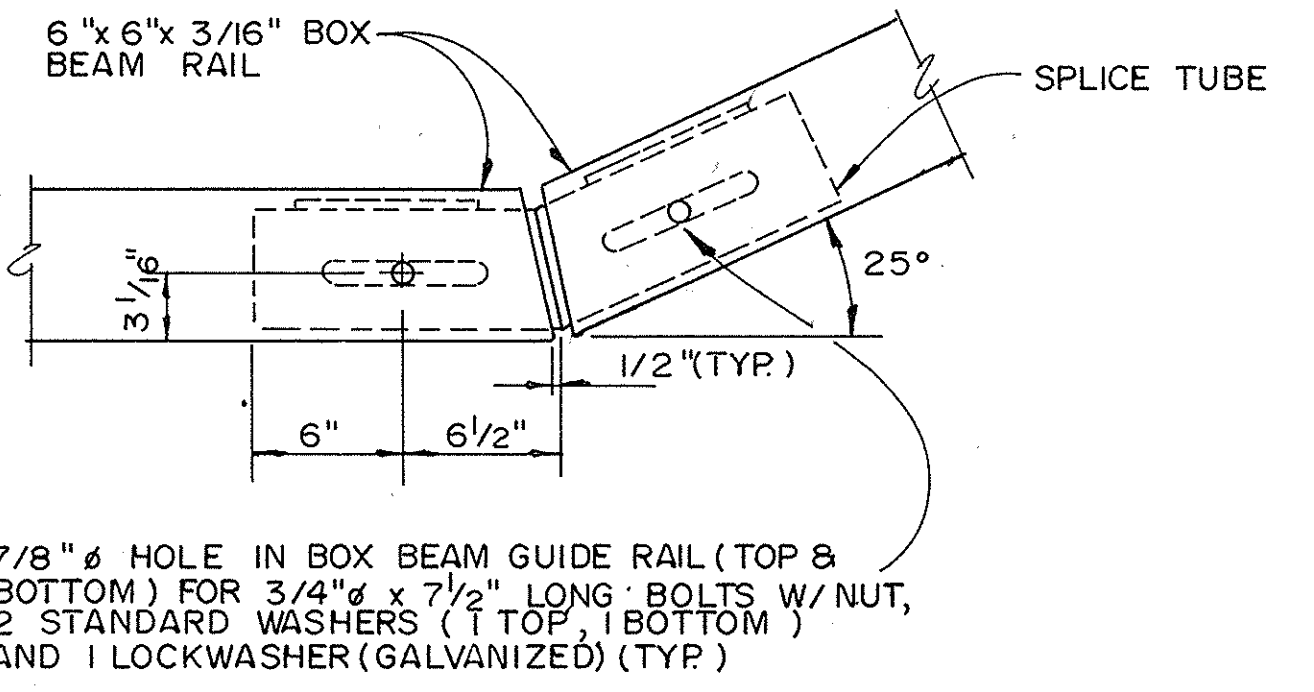
DETAIL OF END CAP



HEAVY POST DETAIL



WELD DETAIL

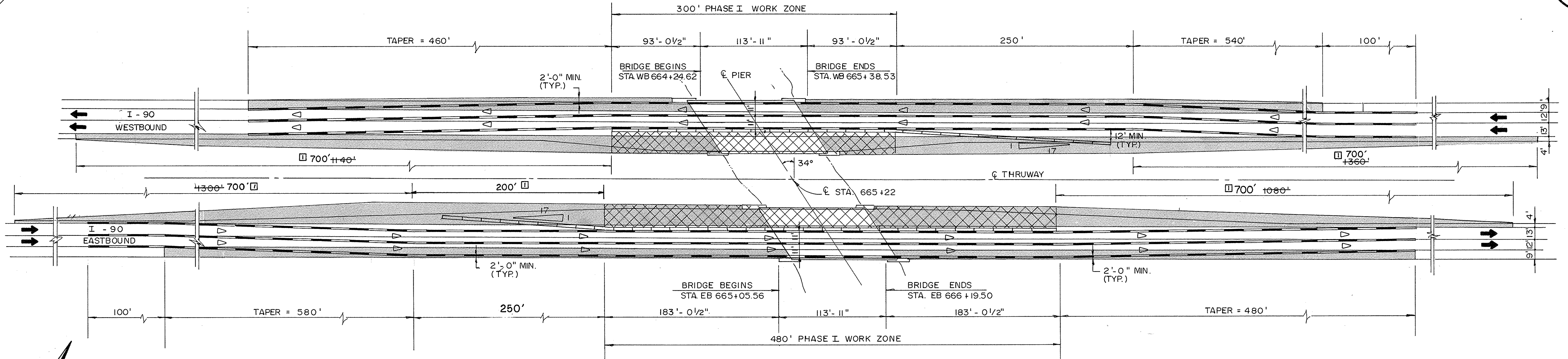


SPLICE DETAIL AT TURN BACK IN LOWER TRANSITION GUIDE RAIL

BIN 5512842			
No	Revisions	By	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 260.58			
TITLE OF DRAWING GUIDE RAILING LAYOUT			
CONTRACT NUMBER: TAS 92-74B		DATE: SEPT. 1992	
DRAWING NUMBER: GR-9			

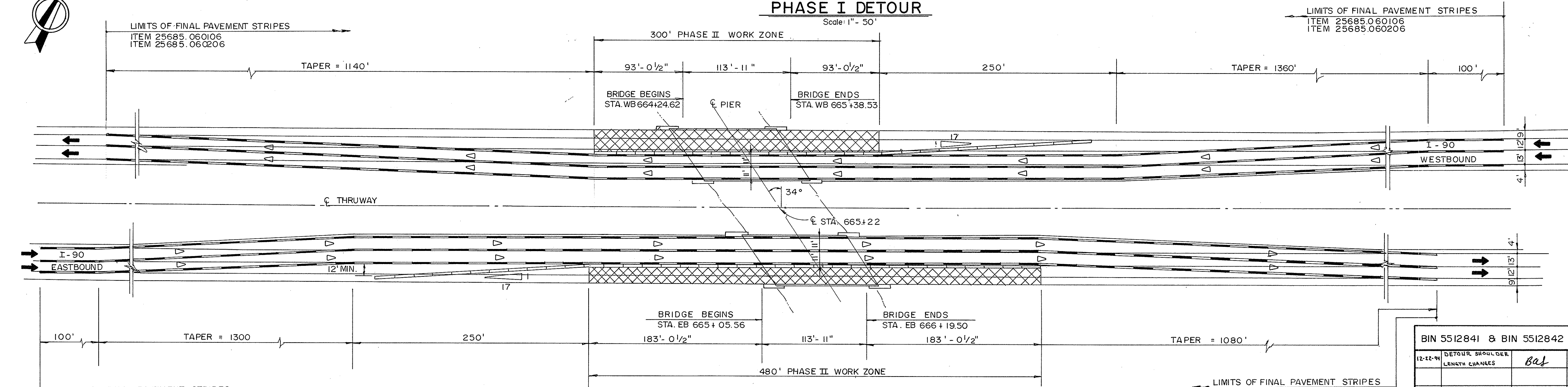


CHECKED BY: *V. Paul Gaudel*
DRAFTED BY: *M. L. Kowalski*
DESIGNED BY: *Thomas C. Hall*
IN CHARGE OF: *Robert W. Hummel*



PHASE I DETOUR

Scale: 1" = 50'



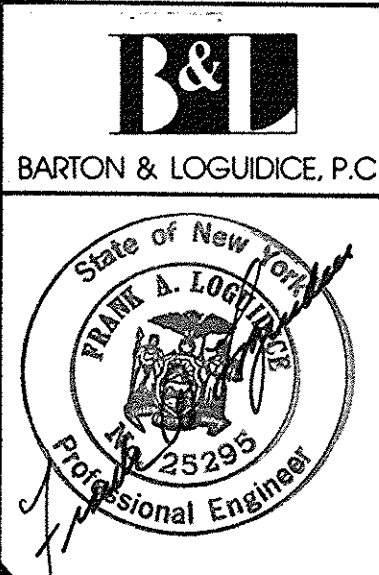
PHASE II DETOUR

Scale: 1" = 50'

LEGEND

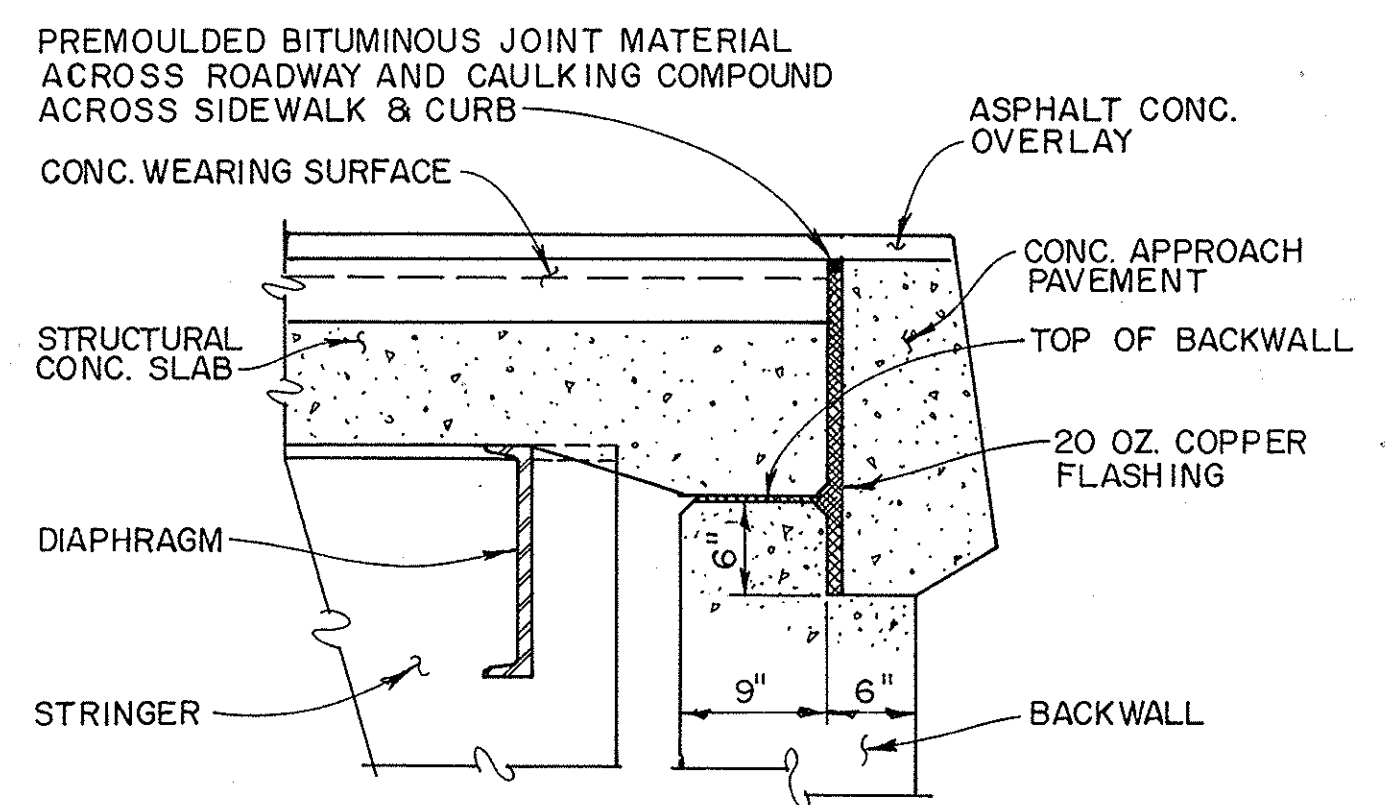
- TEMPORARY CONCRETE BARRIER, ITEM 25619.1701 WITH CONCRETE BARRIER MARKER, ITEM 25619.1704 SPACED @ 40' c-c IN TAPER SECTION AND 20' c-c IN TANGENT SECTION
- YELLOW REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1906 (LEFT EDGE)
- WHITE REMOVABLE REFLECTORIZED PAVEMENT STRIPES, ITEM 15619.1905 (RIGHT EDGE AND CENTERLINE)
- WORK ZONE
- LIMIT OF SHOULDER RECONSTRUCTION; SEE SHT. MIS-4 & DR-4 FOR DETAILS.

NOTE:
FOR SIGNING REFERENCES AND DRUM PLACEMENTS, SEE DWG. TTP-2

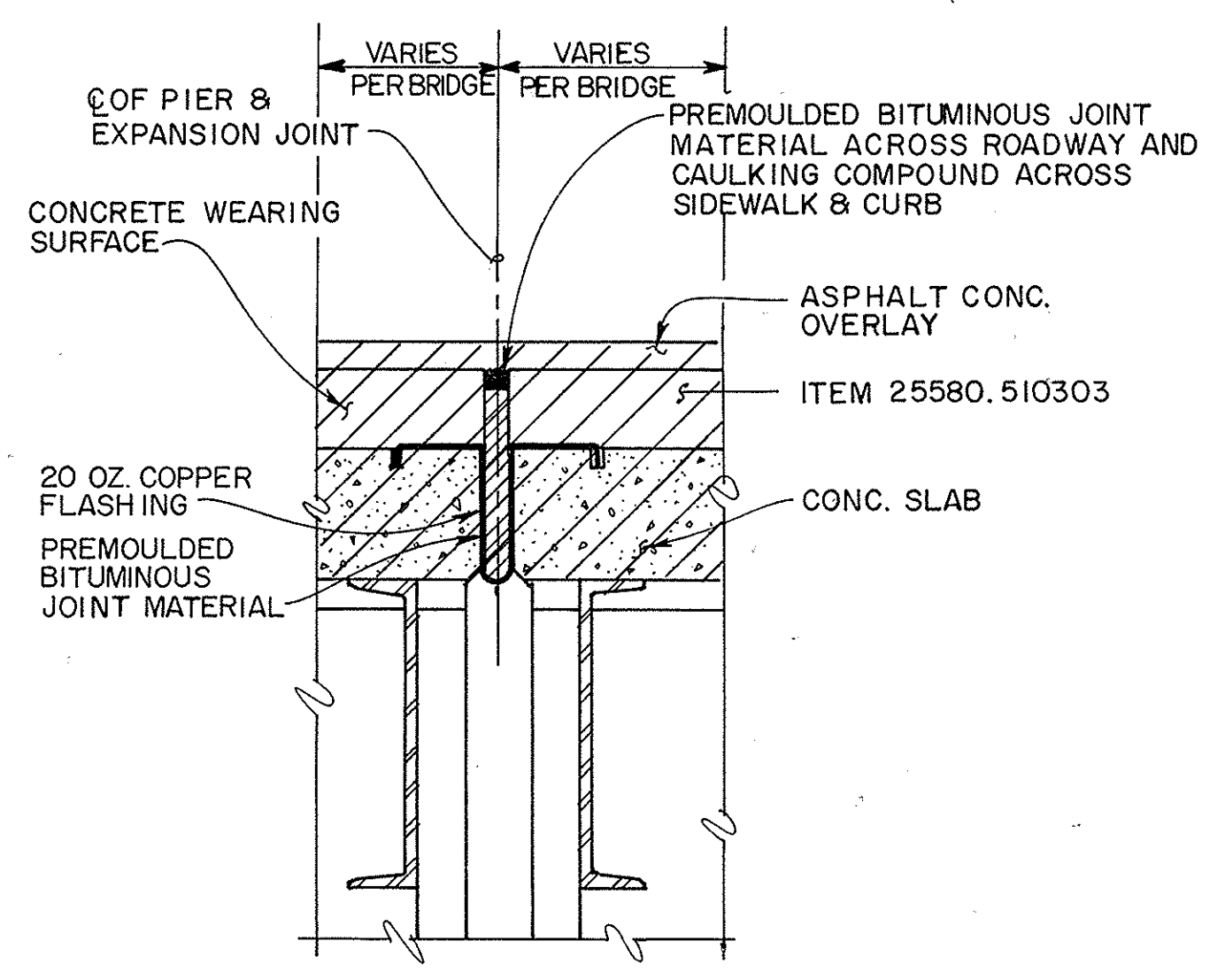


BIN 5512841 & BIN 5512842			
12-22-94	DETOUR SHOULDER LENGTH CHANGES	Bas	<input type="checkbox"/>
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 260.57 & M.P. 260.58			
TITLE OF DRAWING: MAINTENANCE & PROTECTION OF TRAFFIC			
CONTRACT NUMBER: TAS92-74B		DATE: SEPT, 1992	
DRAWING NUMBER: MPT-9			

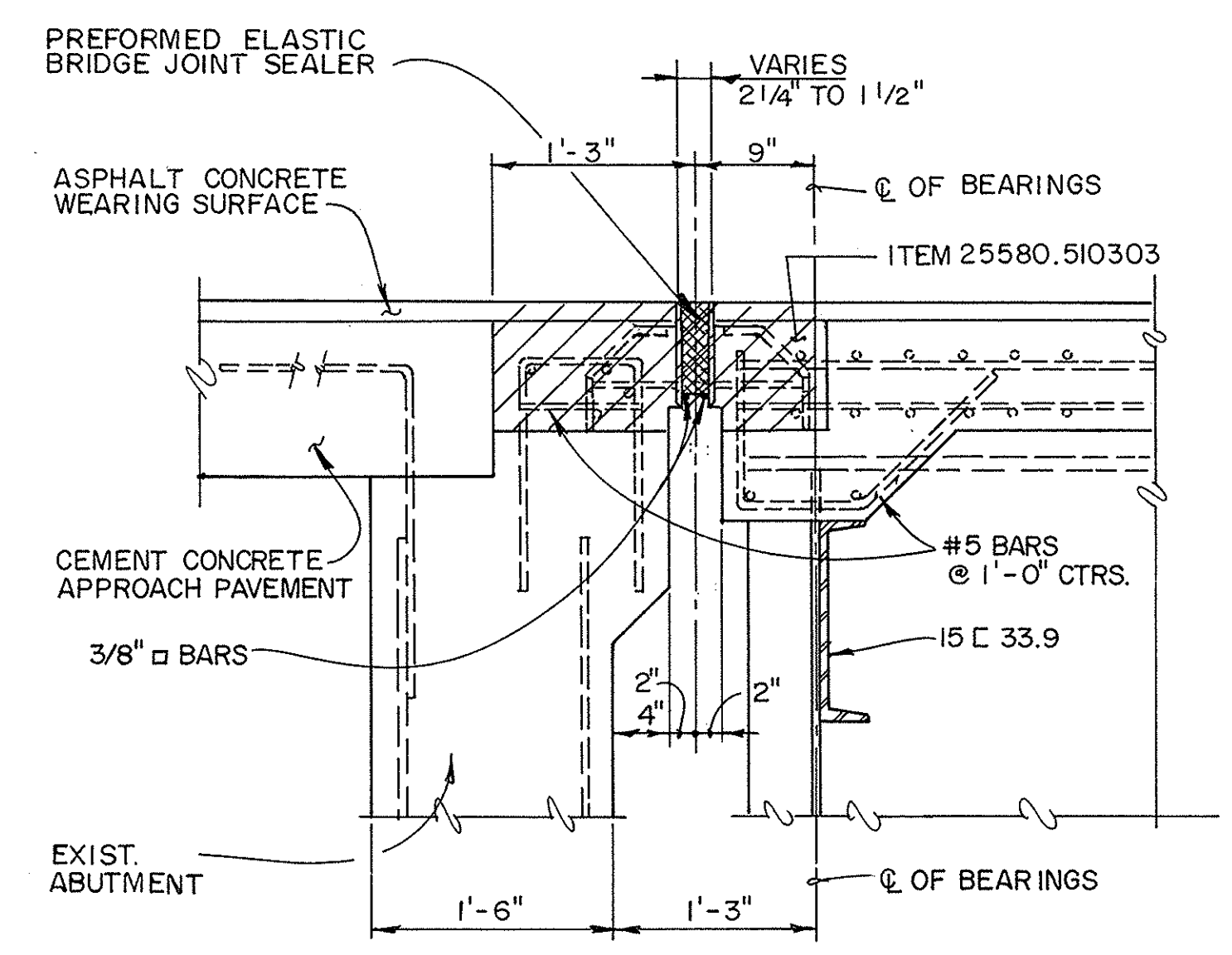
CHECKED BY: *D. Paul Sidel*
DRAFTED BY: *M. K. Brundage*
DESIGNED BY: *Thomas C. Hurd*
IN CHARGE OF: *Robert D. Hurd*



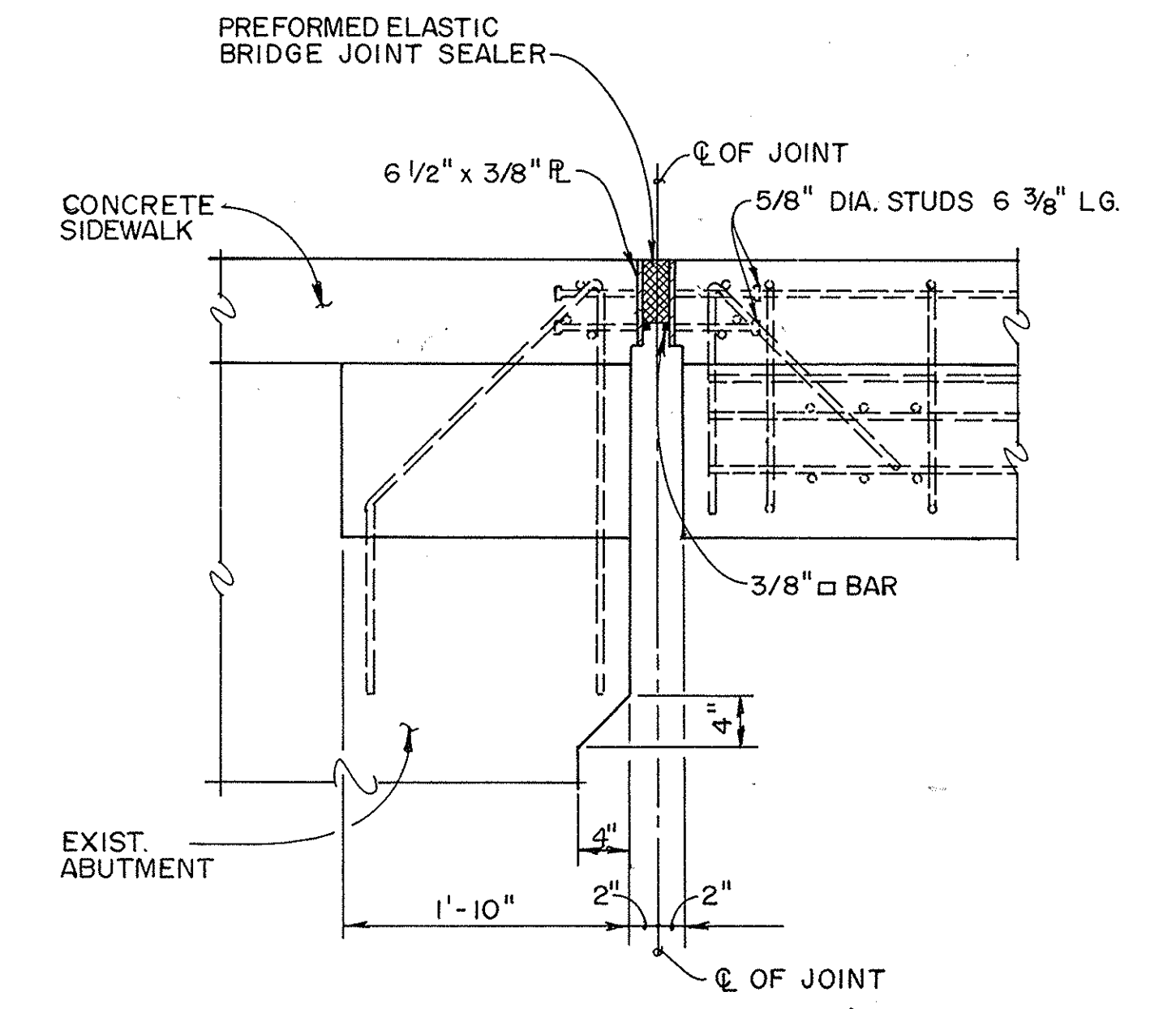
SECTION P
NTS
(* BACK - REFERENCE TO EP-4 & EP-9)



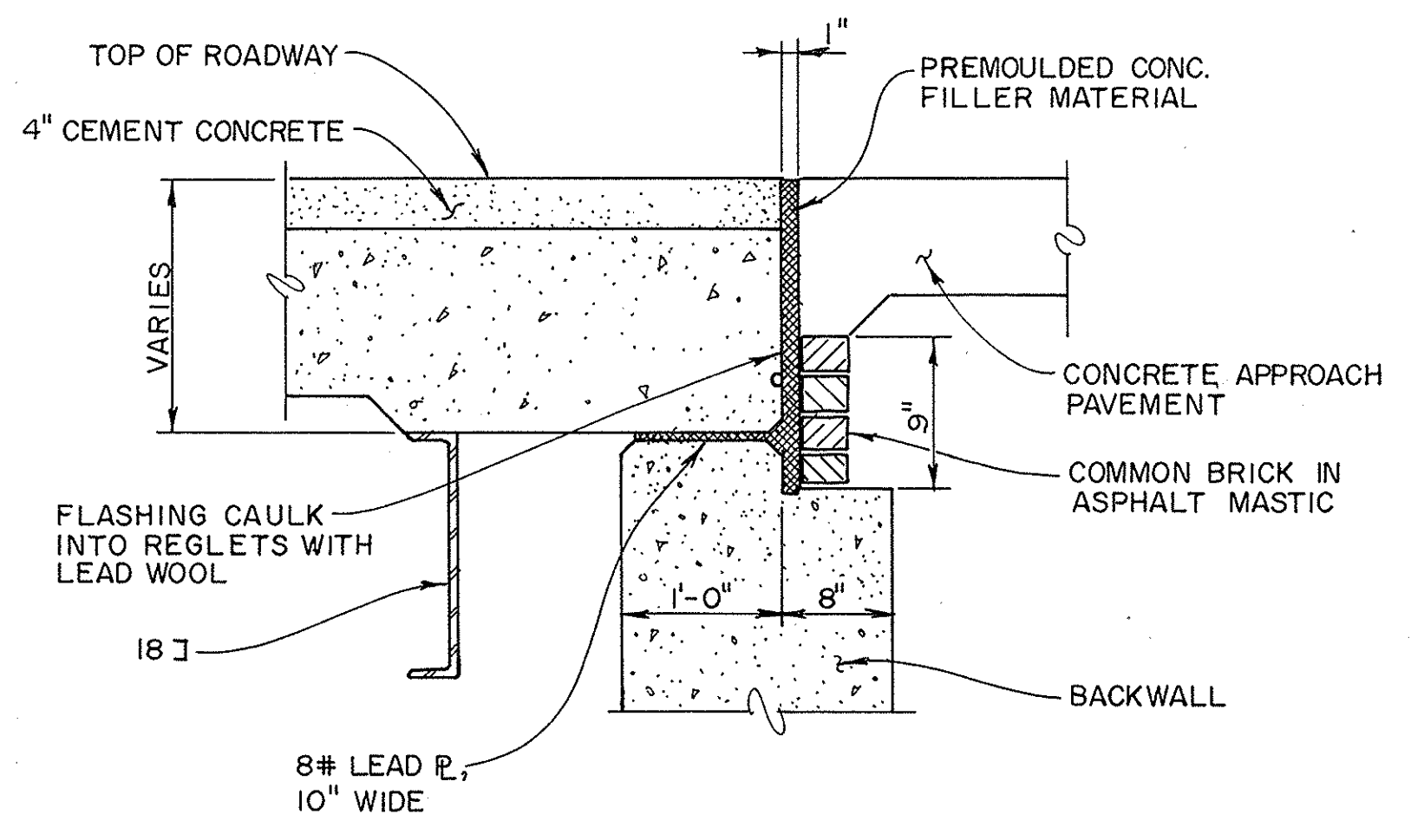
SECTION Q
NTS
(* BACK - REFERENCE TO EP-7, EP-8 & EP-9)



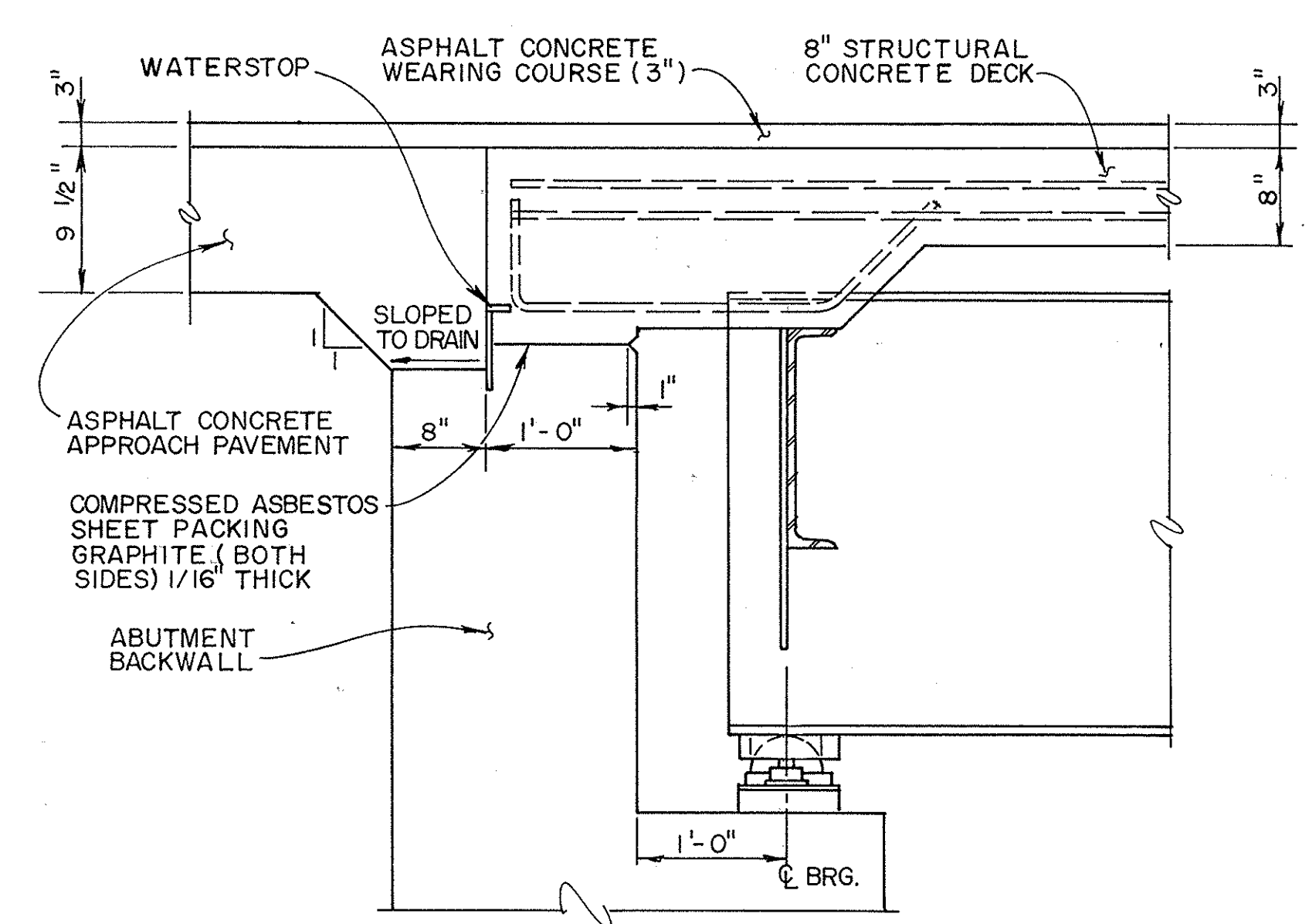
SECTION R
NTS
EP-2



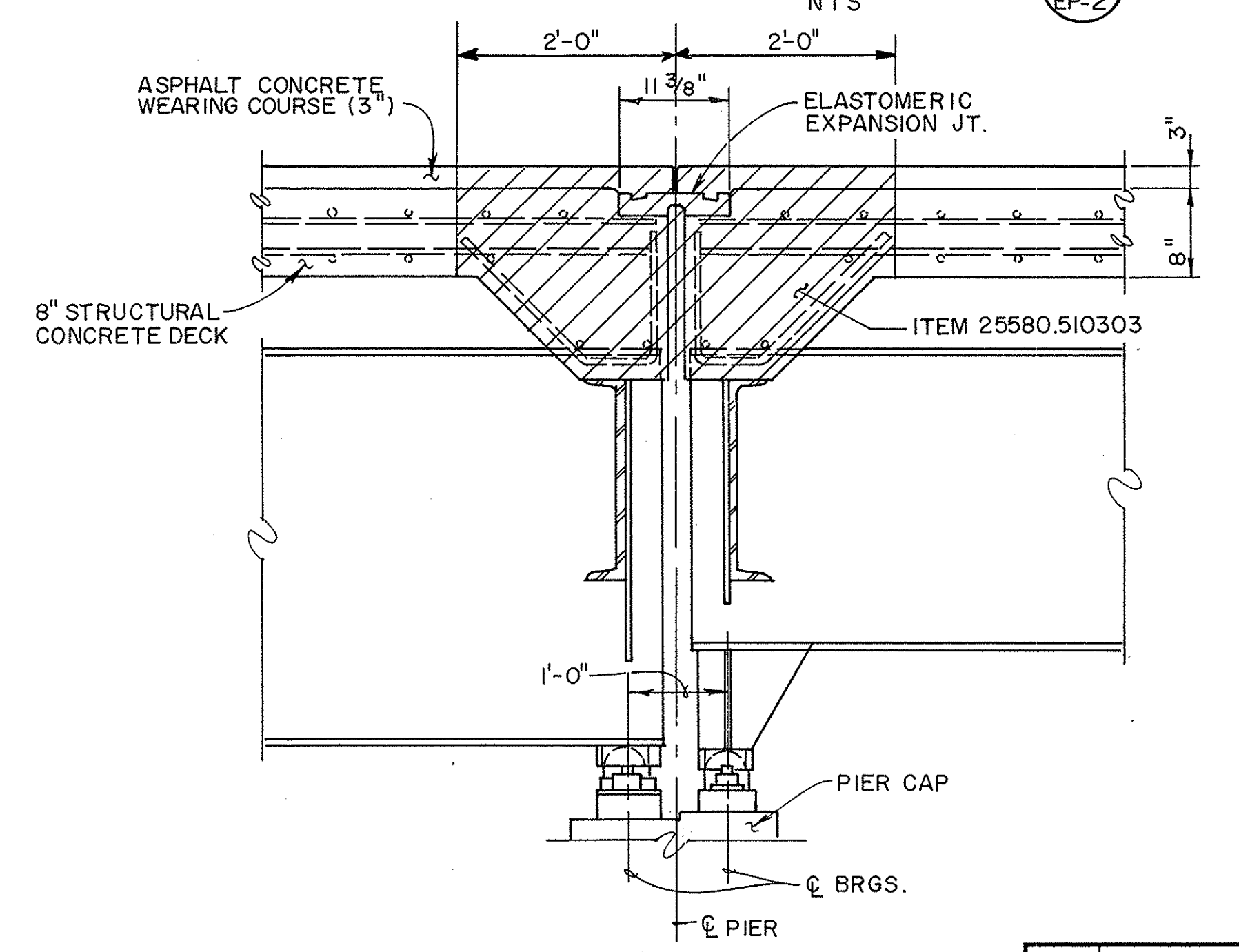
SECTION S
NTS
EP-2



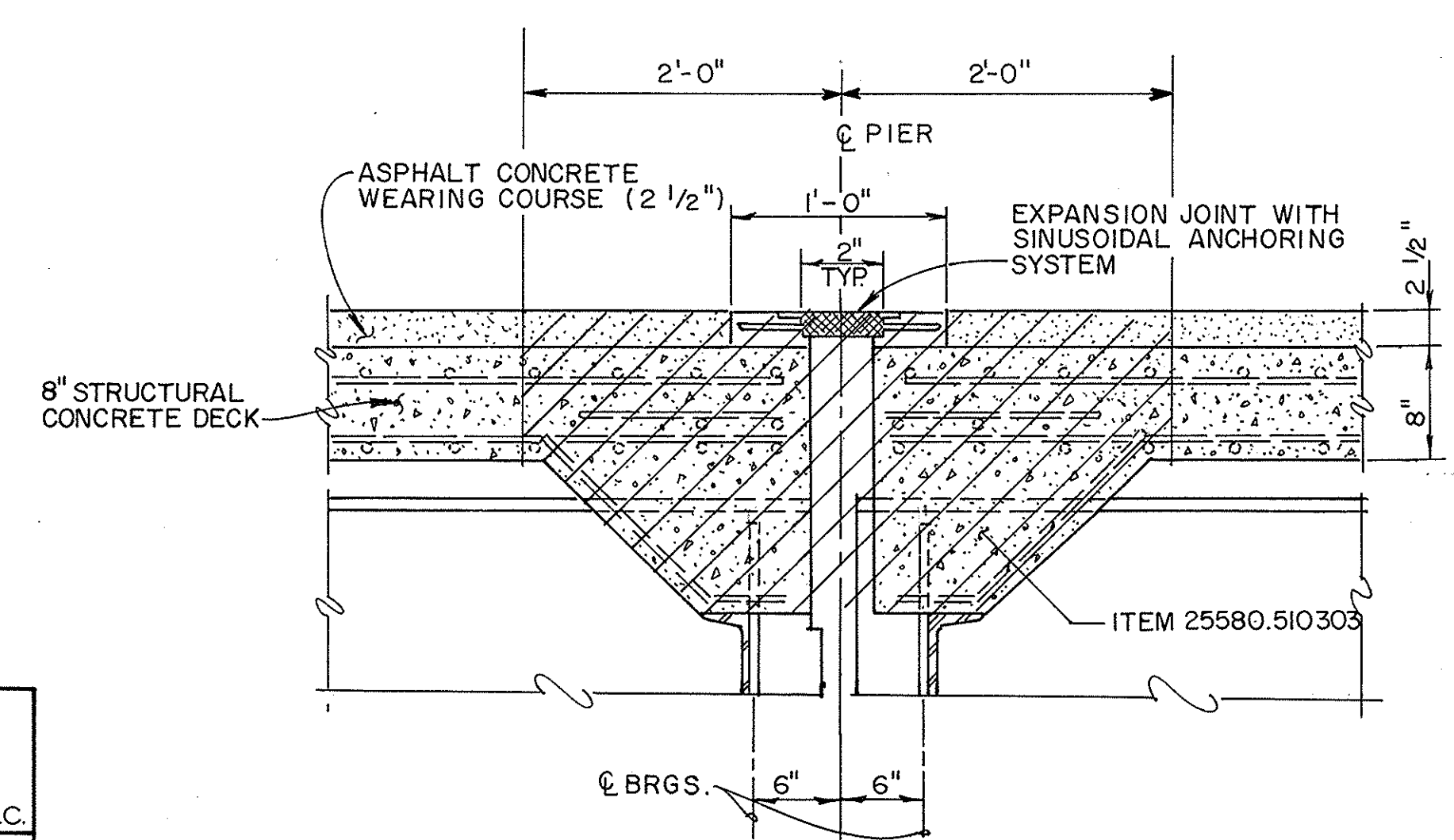
SECTION T
NTS
EP-8



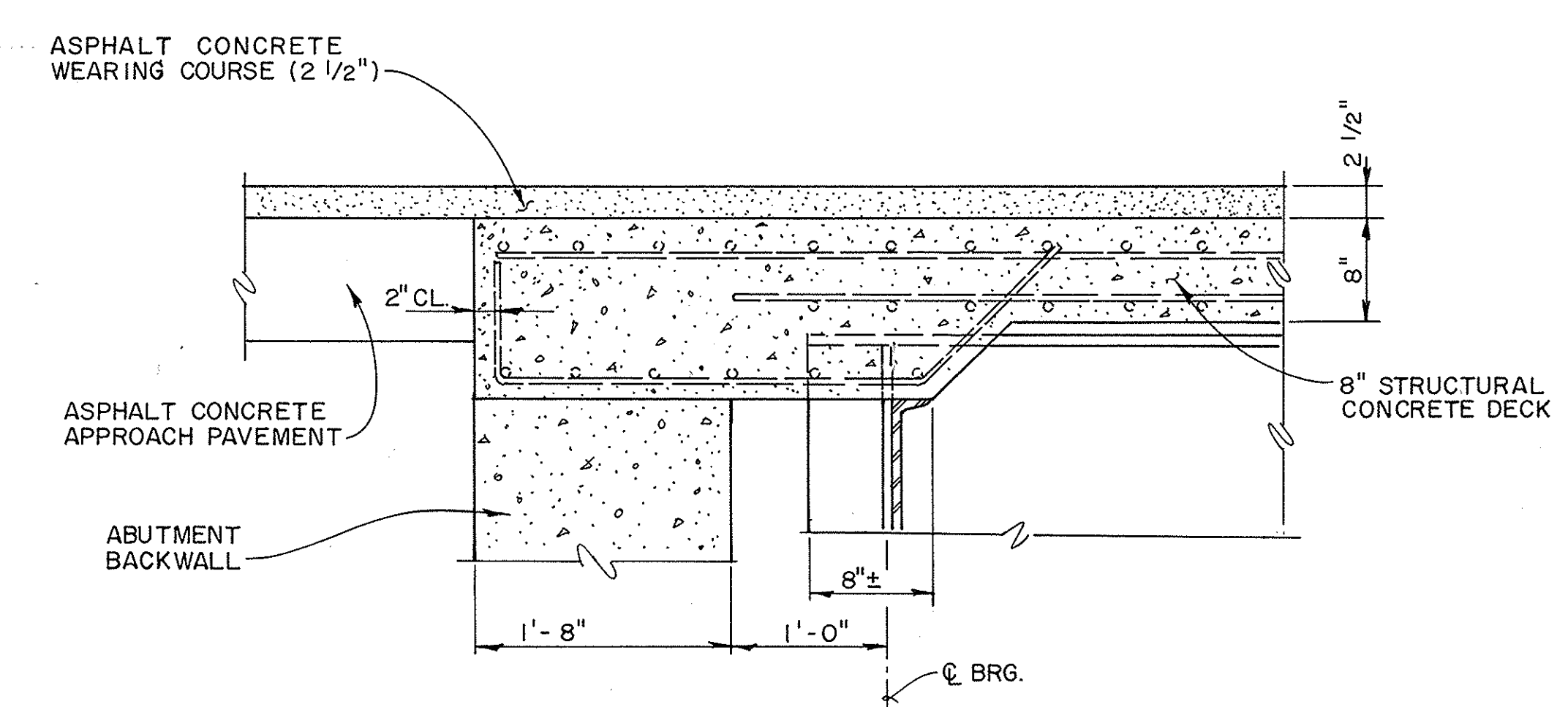
SECTION V
NTS
(* BACK-REFERENCES: EP-6 & EP-7)



SECTION U
NTS
EP-6

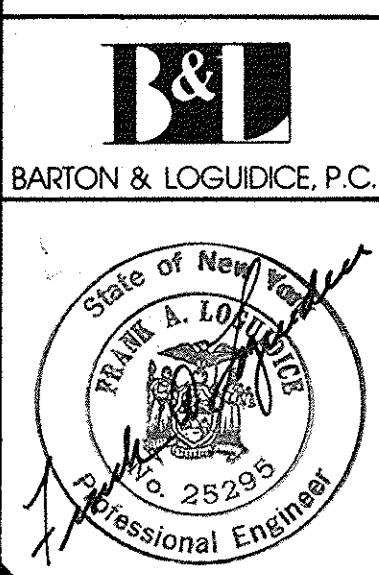


SECTION W
NTS
EP-5



SECTION X
NTS
EP-5

NO REVISIONS		B&L	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING: EXISTING JOINT SECTIONS			
CONTRACT NUMBER: TAS92-74B		DATE: SEPT., 1992	
DRAWING NUMBER: JT-1			

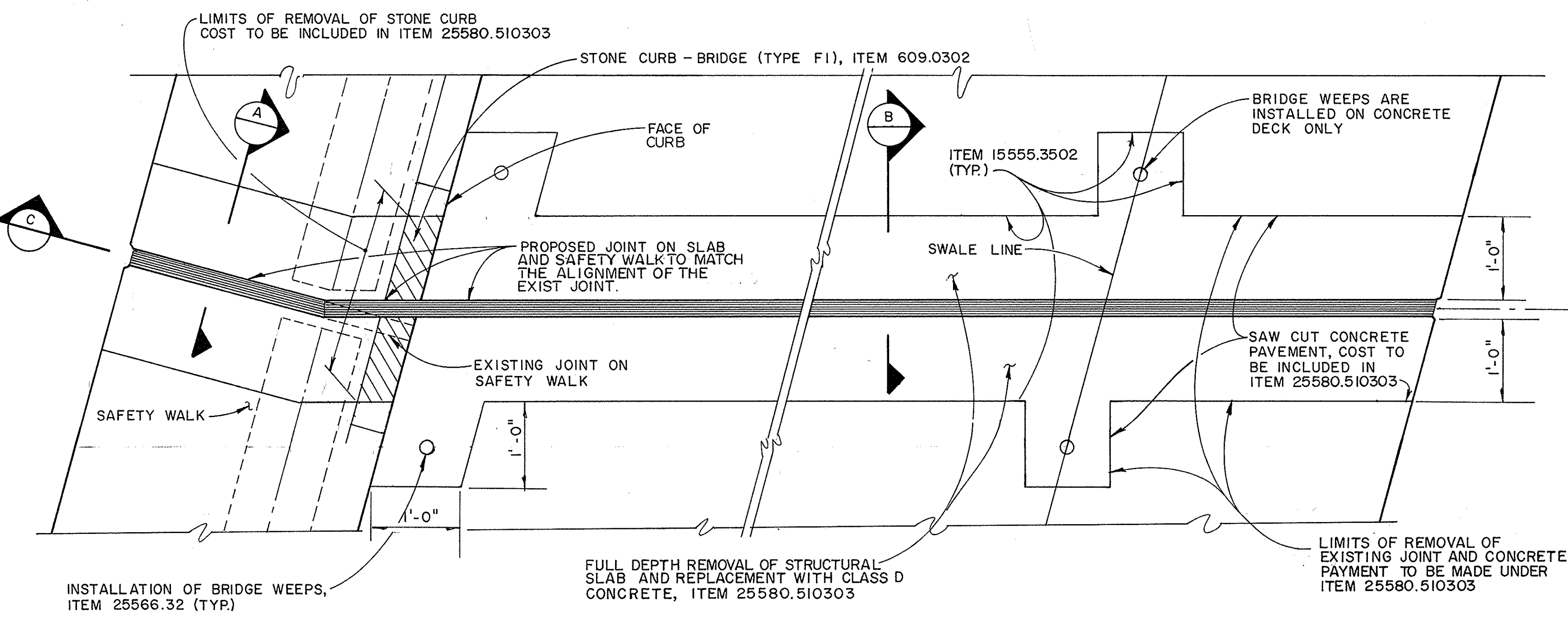
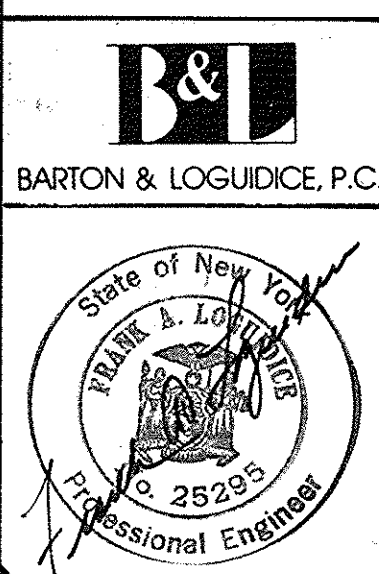


CHECKED BY: *V. Paul Gidol*

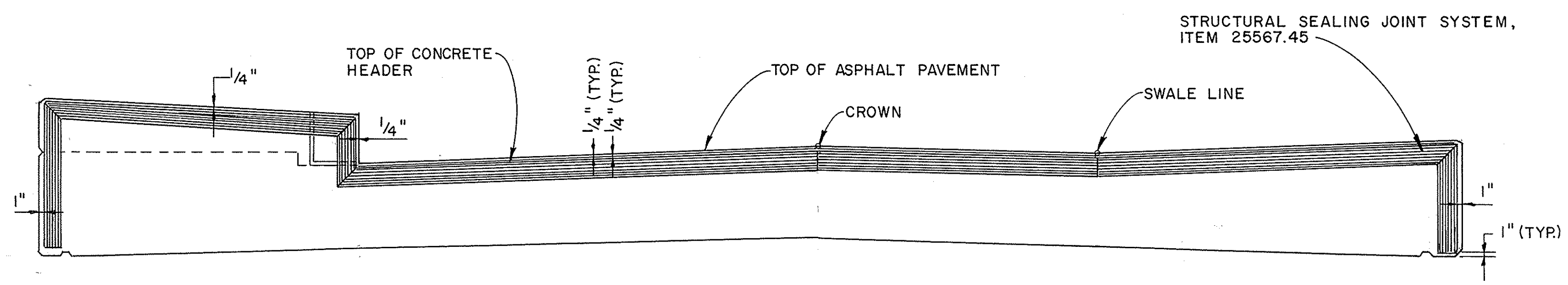
DRAFTED BY: *M. L. Kowal*

DESIGNED BY: *Thomas C. Huls*

IN CHARGE OF: *Robert W. Hommes*

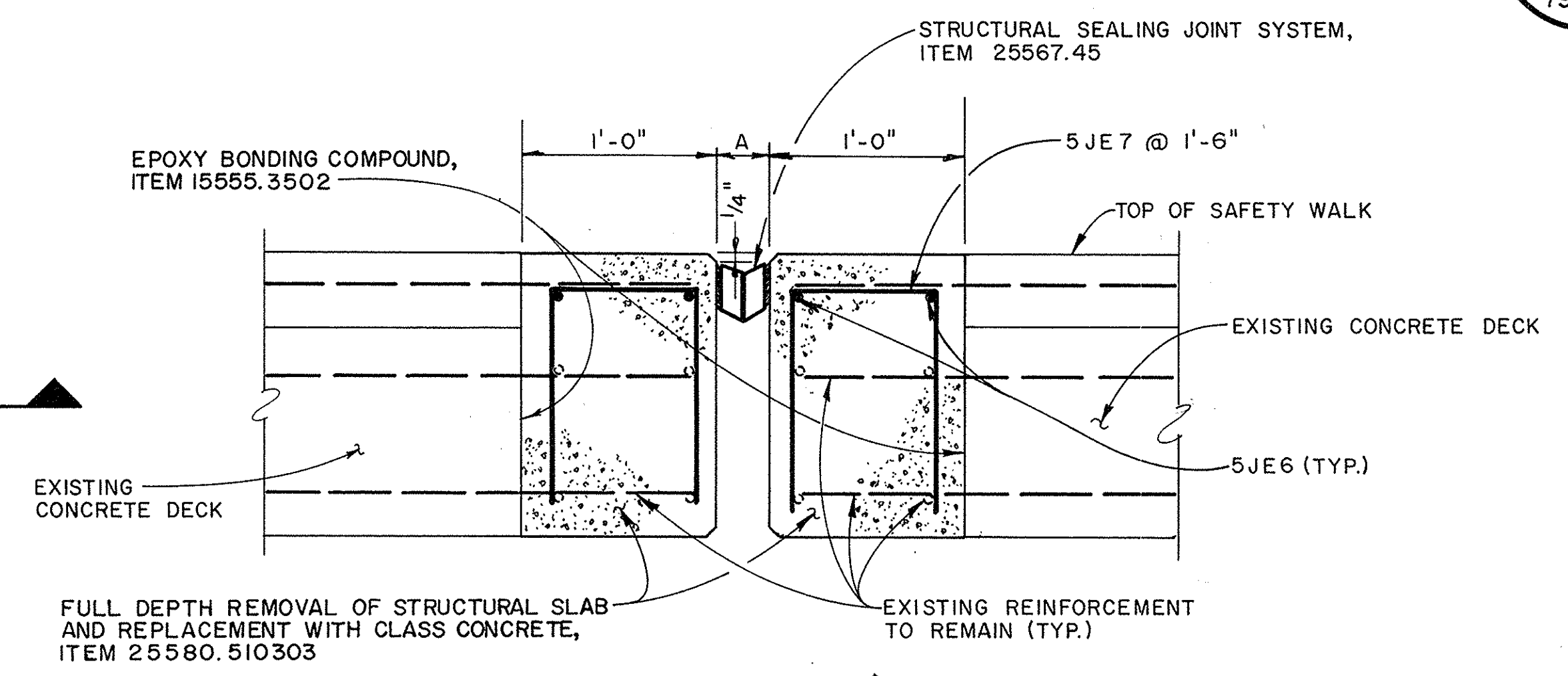


PLAN - TYPICAL JOINT AT PIER
Scale: 1" = 1'-0"

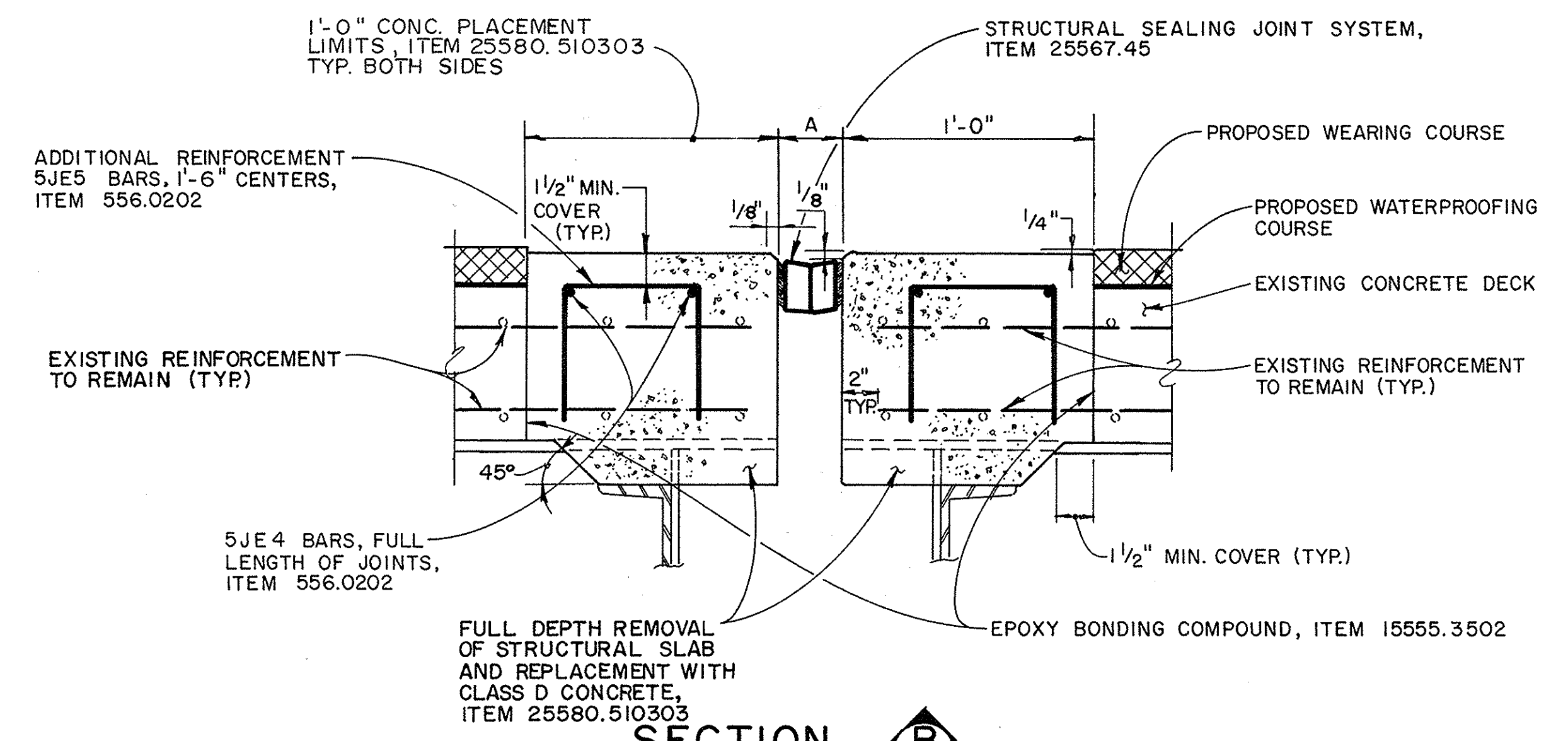


SECTION C
Scale: 1" = 1'-0"

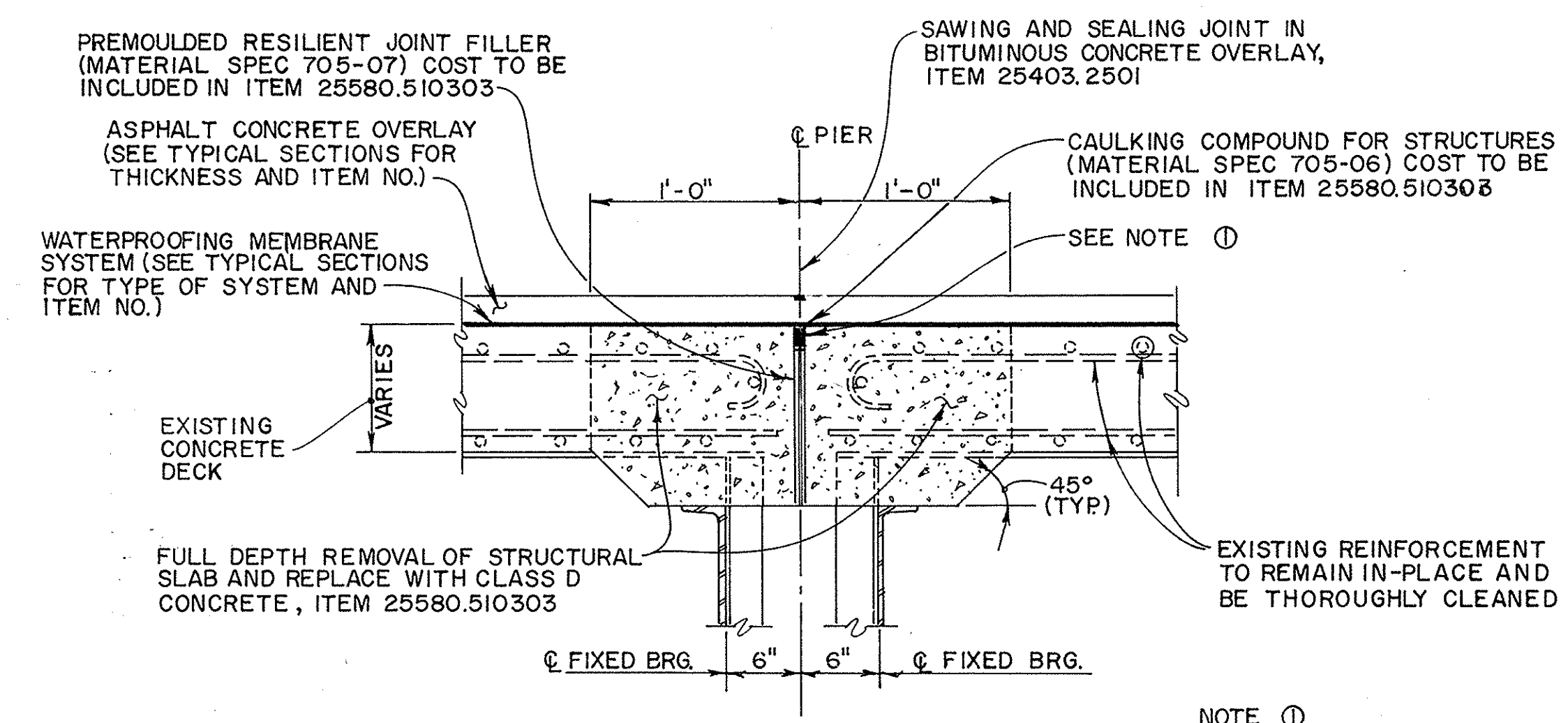
JOINT TABLE		
M.P.	LOCATION	DIMENSION A
238.22	PIER 1	1 1/2"
238.22	PIER 2	3/4"
247.86	PIERS 1 & 3	1"



SECTION A
NTS
(* BACK - REFERENCE TO DWG. DR-7, DR-8, ALSO)



SECTION B
NTS
(* BACK - REFERENCE TO DWG. DR - 7 , DR - 8, ALSO)



SECTION J
NTS
(* BACK - REFERENCES: DR-1)

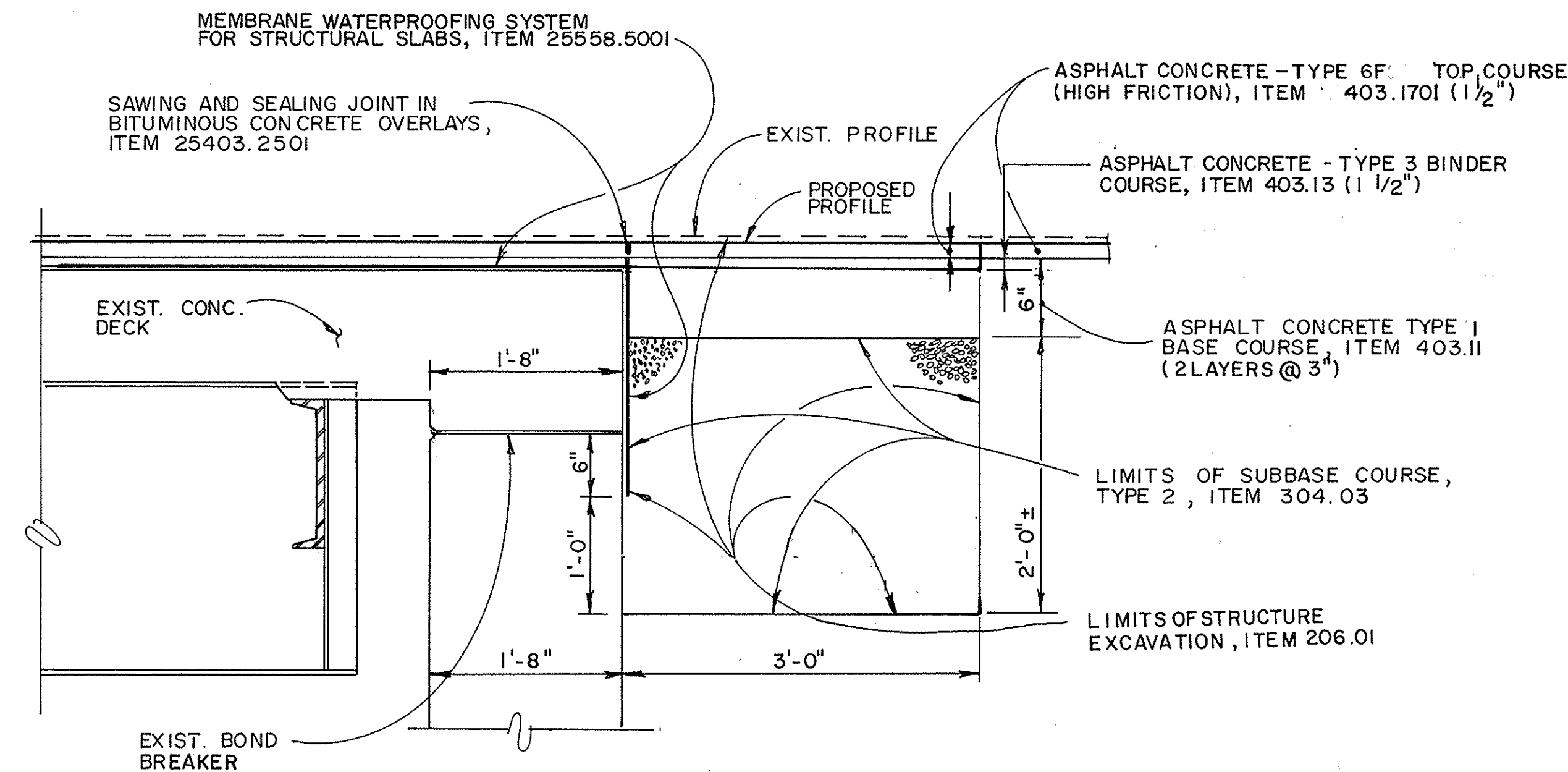
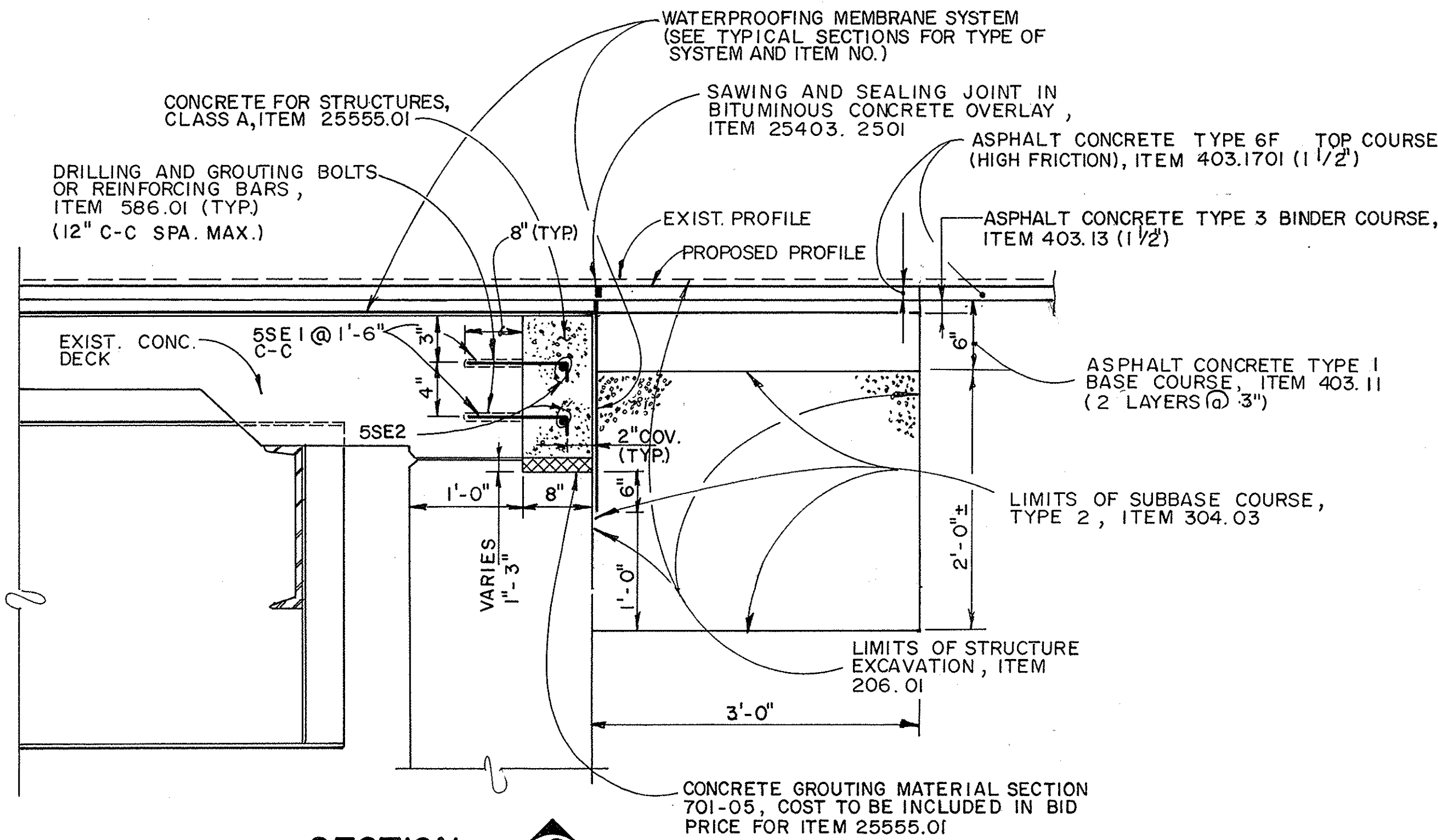
NOTE ①
THE CONTRACTOR SHALL APPLY A PRESSURE SENSITIVE RELEASE TAPE BETWEEN THE JOINT FILLER AND THE CAULKING COMPOUND.

NO REVISIONS	BES		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING TYPICAL JOINT DETAIL AT PIER			
CONTRACT NUMBER: TAS 92 - 74B		DATE: SEPT., 1992	
DRAWING NUMBER: JT2			

63
63
79
CHECKED BY: V. Paul Zedler
DRAFTED BY: M. K. Kordas
DESIGNED BY: Thomas C. Walsh
IN CHARGE OF: Robert J. Kennedy



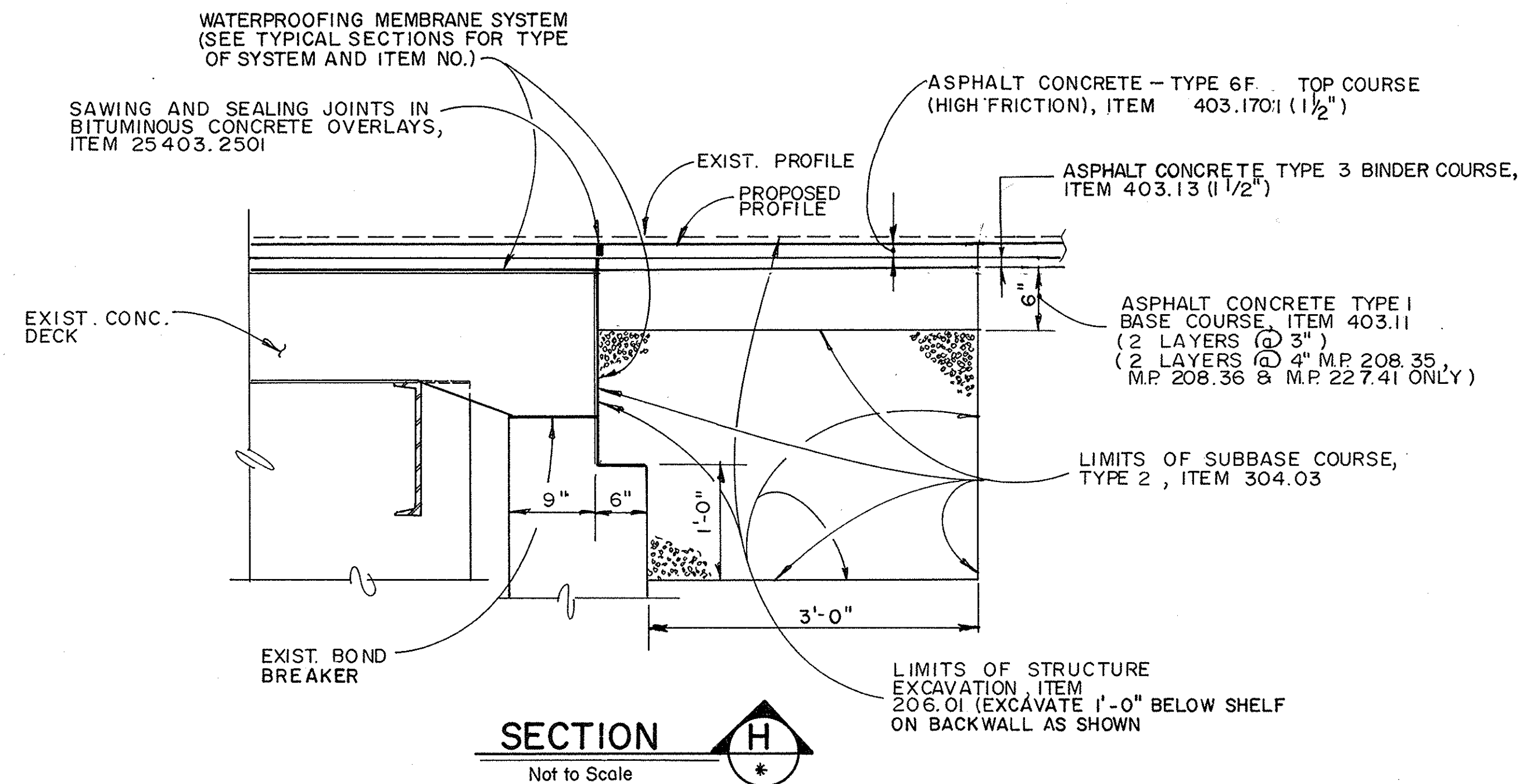
BACK-REFERENCE *	M.P.	LOCATION
DR-6	233.27	EAST & WEST ABUT. (& SHOULDERS)
DR-7	238.22	EAST & WEST ABUT. (& SHOULDERS)
DR-8	247.86	NORTH & SOUTH ABUT. (& SHOULDERS)



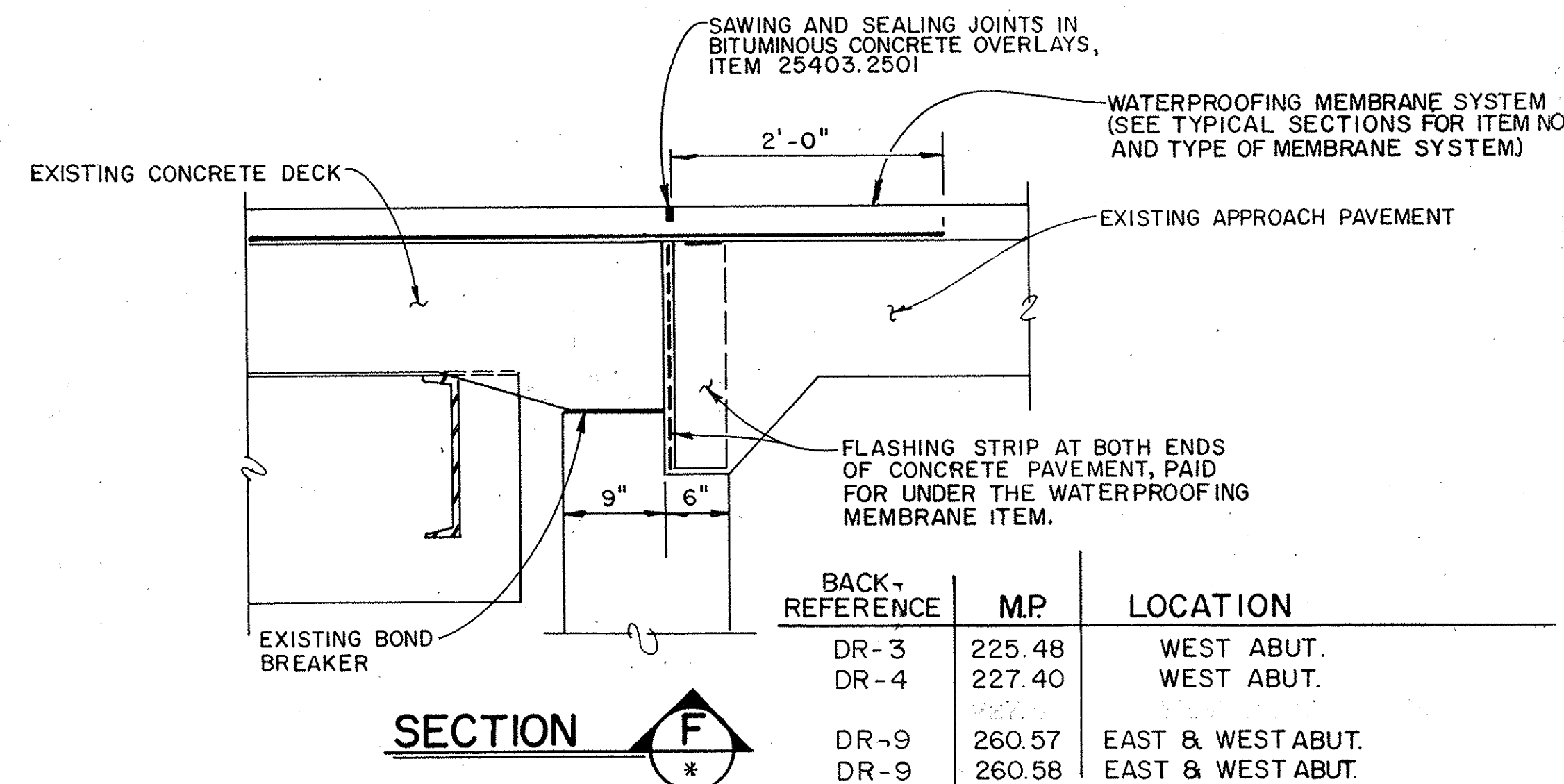
M.P.	LOCATION
233.26	EAST & WEST ABUT. (& SHOULDERS)

FIXED / EXP. JOINT - ASPHALT PAVEMENT

Scale: 1" = 1'-0"

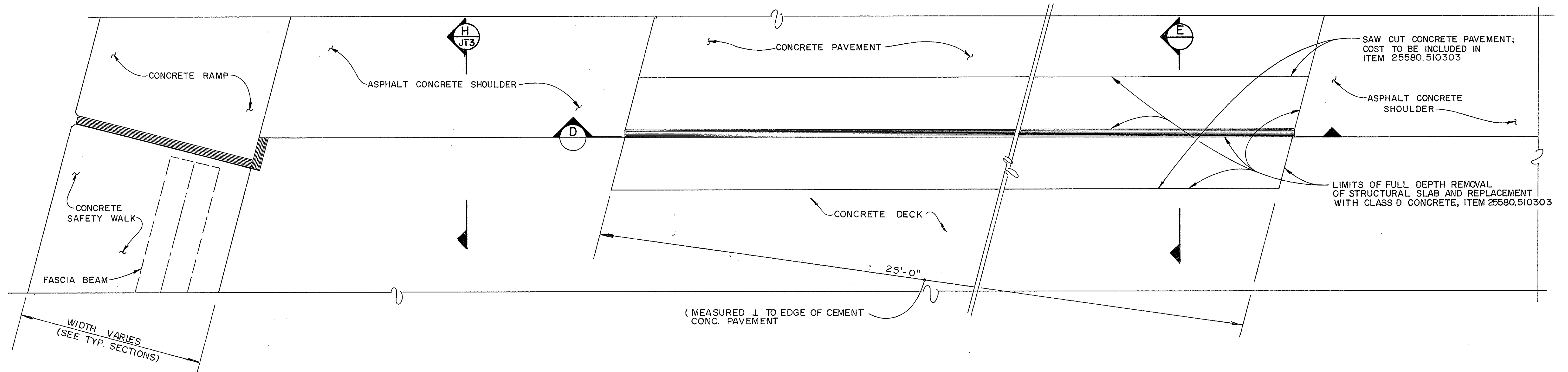


BACK-REFERENCE *	M.P.	LOCATION
DR-1	208.35	EAST & WEST ABUT. & SHOULDER
DR-1	208.36	EAST & WEST ABUT. & SHOULDER
DR-2	210.63	EAST & WEST SHOULDER
DR-2	210.62	EAST & WEST SHOULDER
DR-3	225.48	EAST & WEST SHOULDER
DR-4	227.40	EAST & WEST SHOULDER
DR-4	227.41	EAST & WEST ABUT. & SHOULDERS
DR-9	260.57	EAST & WEST SHOULDER
DR-9	260.58	EAST & WEST SHOULDER



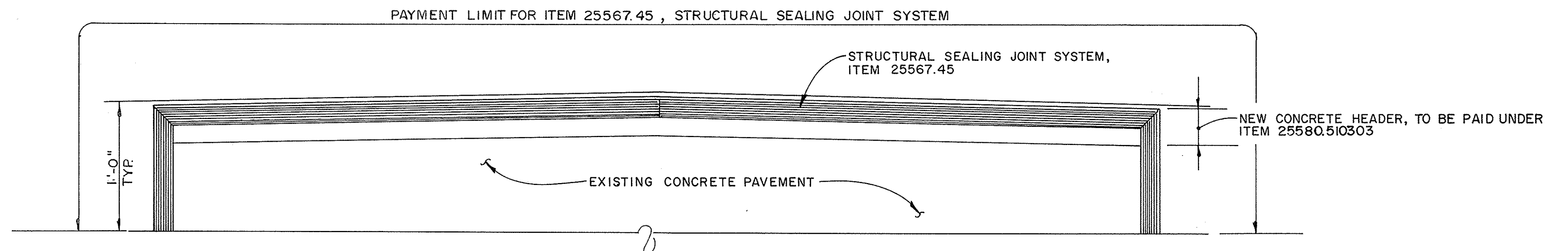
BACK-REFERENCE	M.P.	LOCATION
DR-3	225.48	WEST ABUT.
DR-4	227.40	WEST ABUT.
DR-9	260.57	EAST & WEST ABUT.
DR-9	260.58	EAST & WEST ABUT.

NO REVISIONS	Bag		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING TYPICAL JOINT SECTIONS AT ABUTMENT			
CONTRACT NUMBER: TAS92-74B		DATE: SEPT, 1992	
DRAWING NUMBER: JT-3			



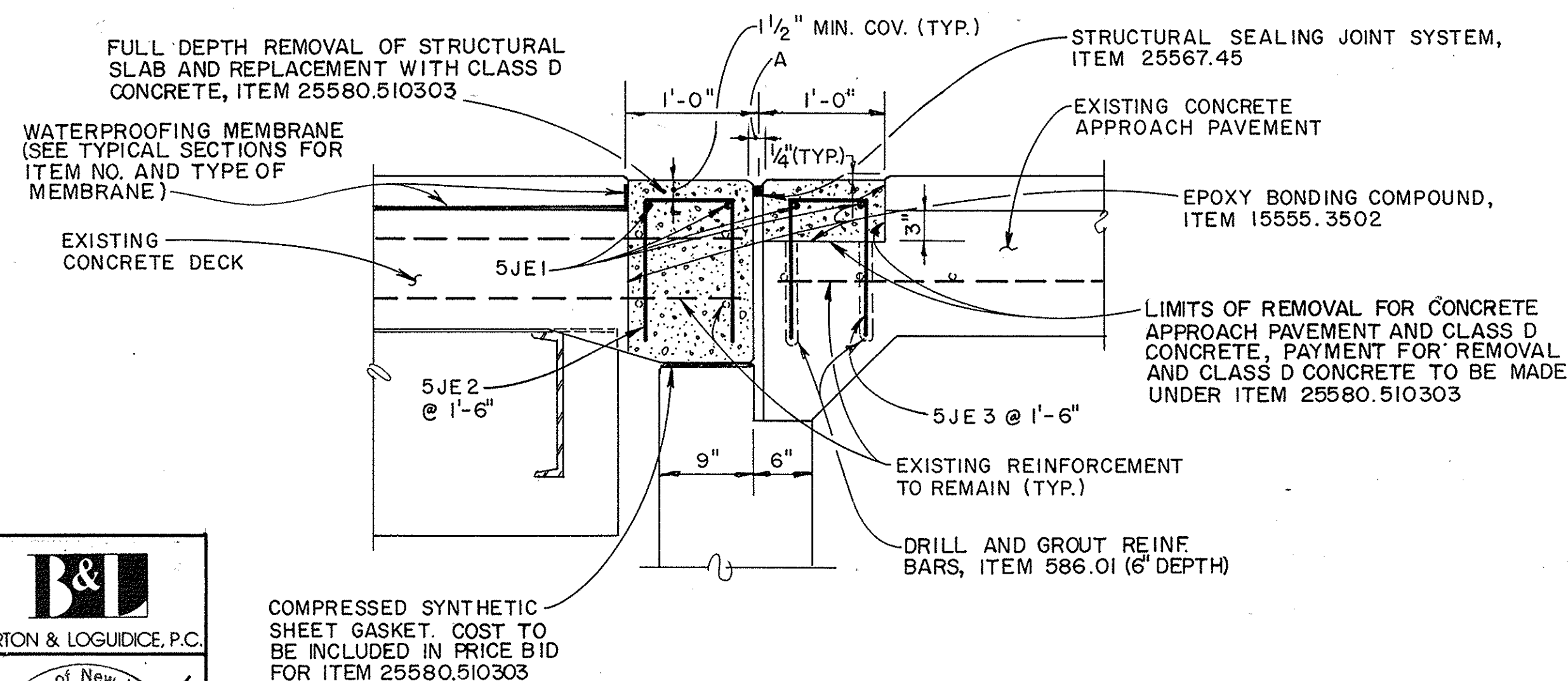
PLAN - TYPICAL JOINT AT ABUTMENT

Scale: 1" = 1'-0"



SECTION D

NOTES:
1) REINFORCEMENT SHALL BE EPOXY COATED AND PAID FOR UNDER ITEM 556.0202

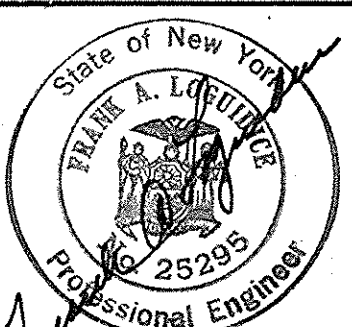


SECTION E

EXPANSION JOINT - CONCRETE PAVEMENT

Scale: 1" = 1'-0"

BACK - REFERENCE*	M.P.	LOCATION	DIM A
DR - 2	210.62	EAST ABUT.	1 1/2"
DR - 2	210.62	WEST ABUT.	2 1/2"
DR - 2	210.63	EAST ABUT.	1 1/2"
DR - 2	210.63	WEST ABUT.	2 1/2"
DR - 3	225.48	EAST ABUT.	1 1/2"
DR - 4	227.40	EAST ABUT.	1"



NO REVISIONS		B&L	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING: JOINT DETAILS AT ABUTMENT			
CONTRACT NUMBER: TAS 92-74B		DATE: SEPT., 1992	
DRAWING NUMBER: JT-4			

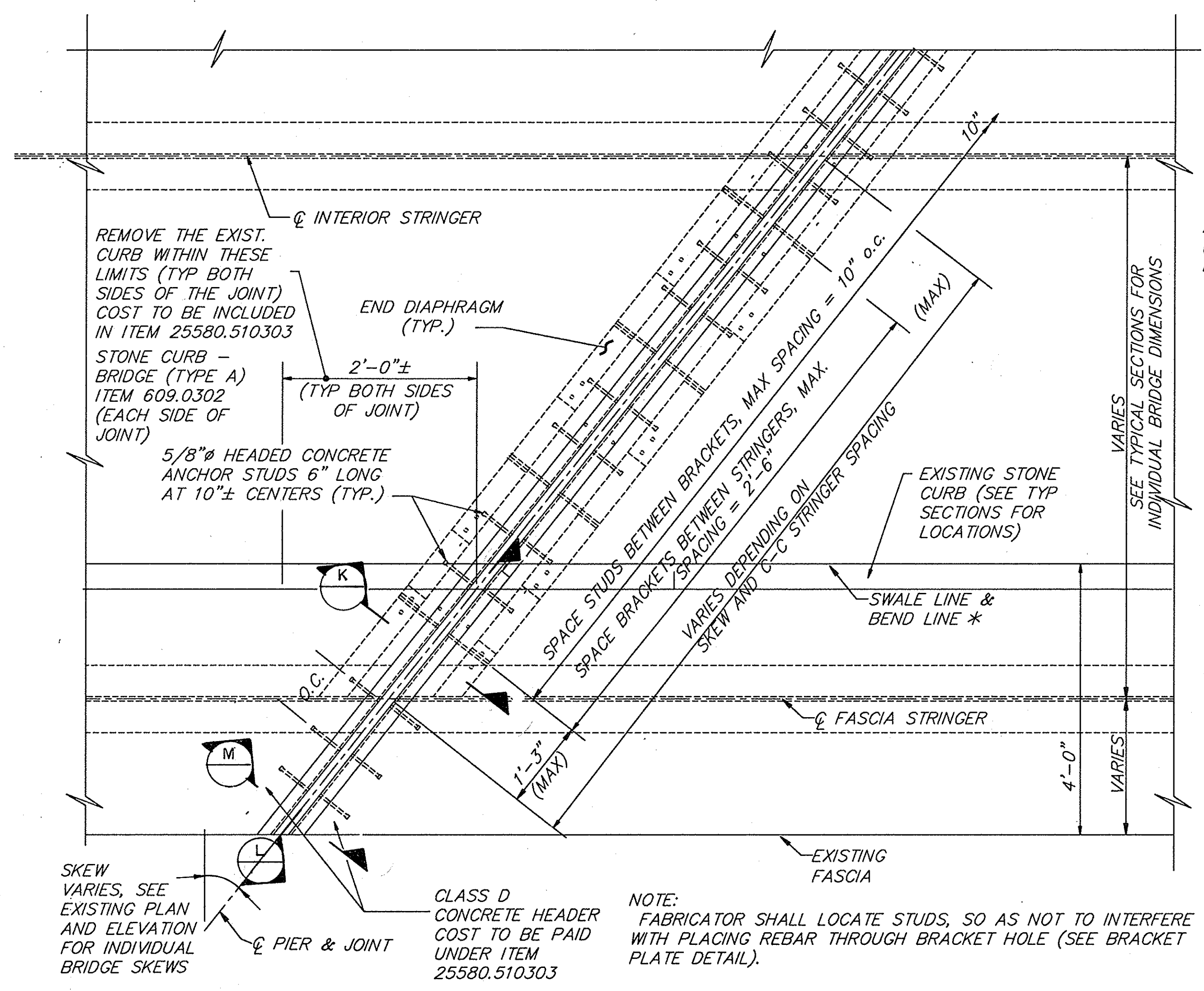
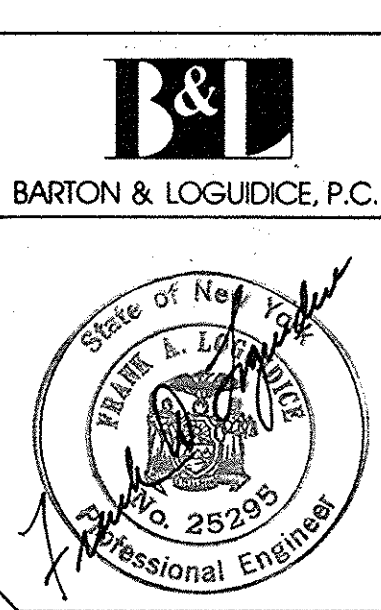


CHECKED BY: D. J. G. G. G.

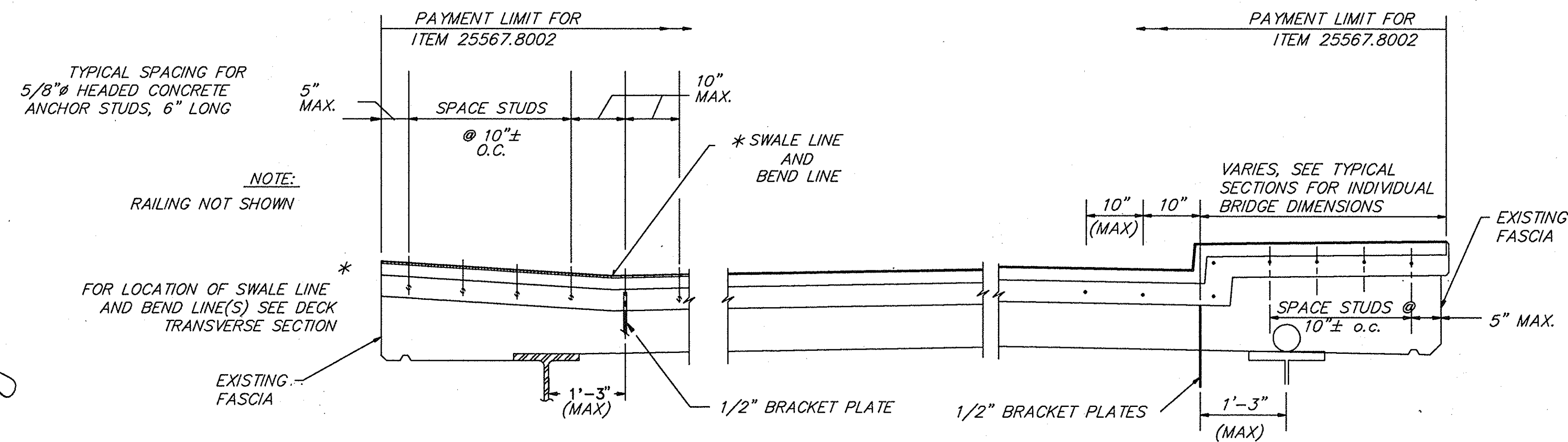
DRAWN BY: M. E. K. M. K.

DESIGNED BY: D. J. G. G. G.

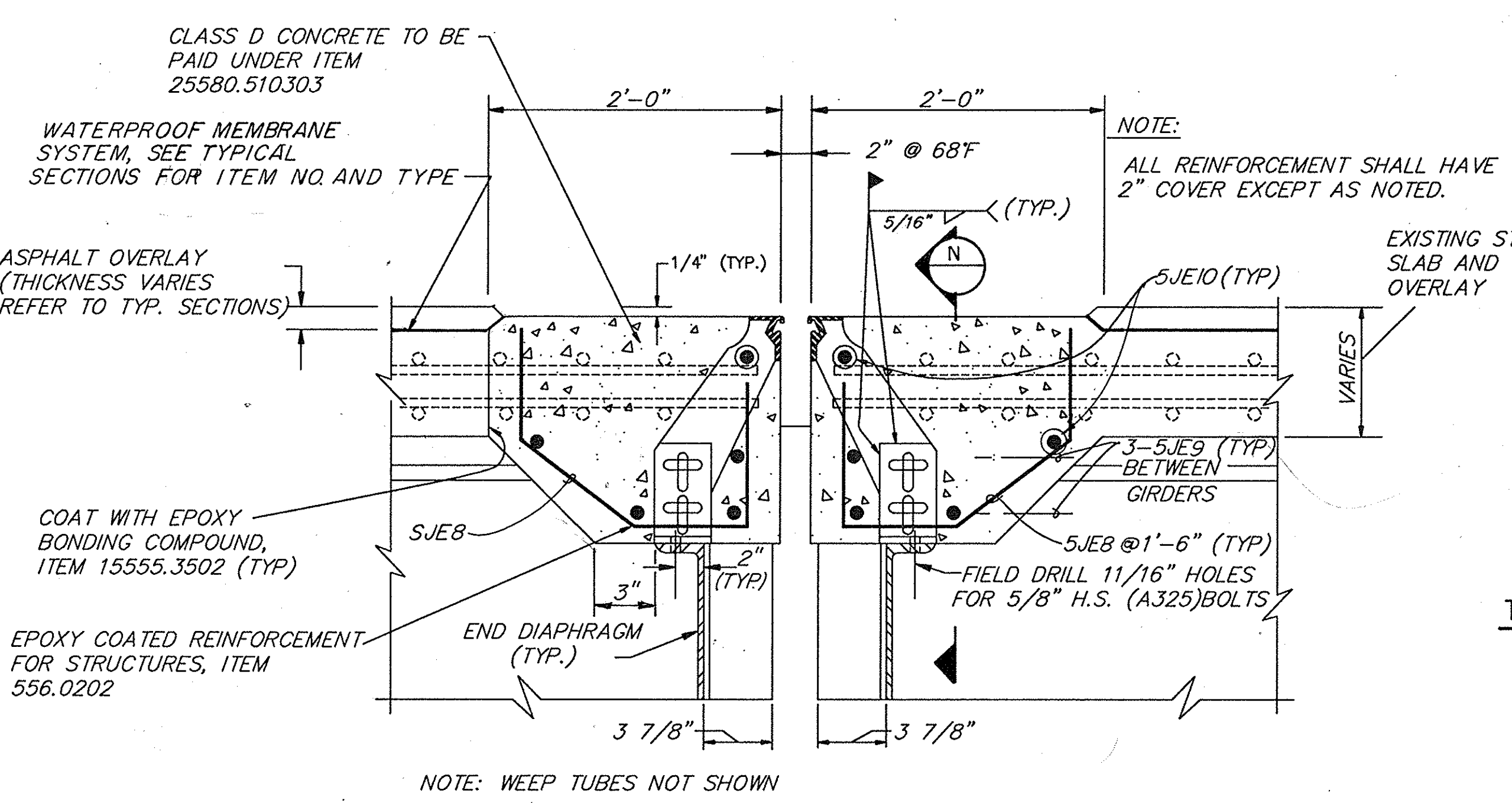
IN CHARGE OF: R. J. G. G. G.



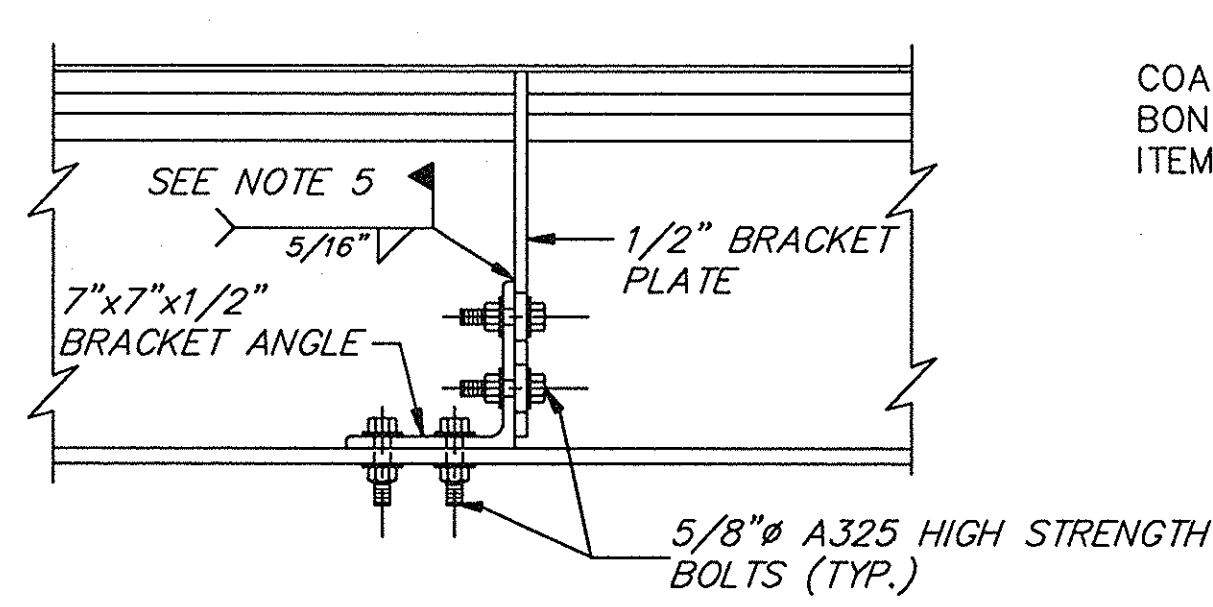
PLAN AT PIER
SCALE: 3/4"=1'-0"



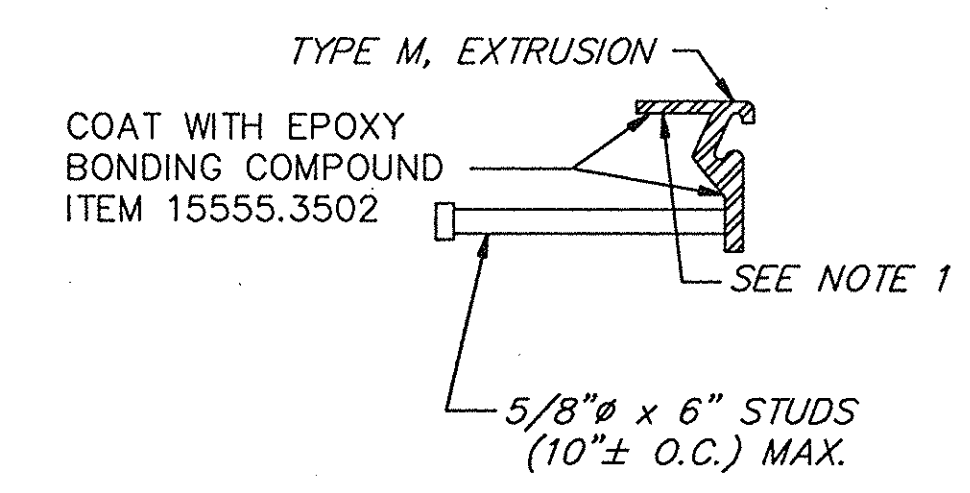
SECTION L
NTS



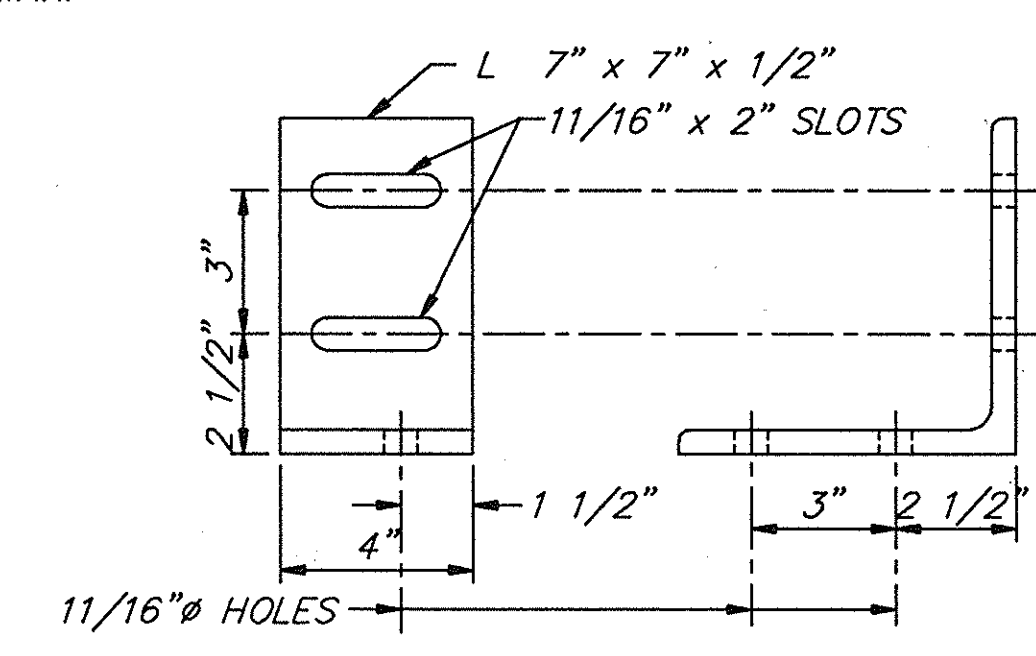
SECTION K
SCALE: 1 1/2"=1'-0"



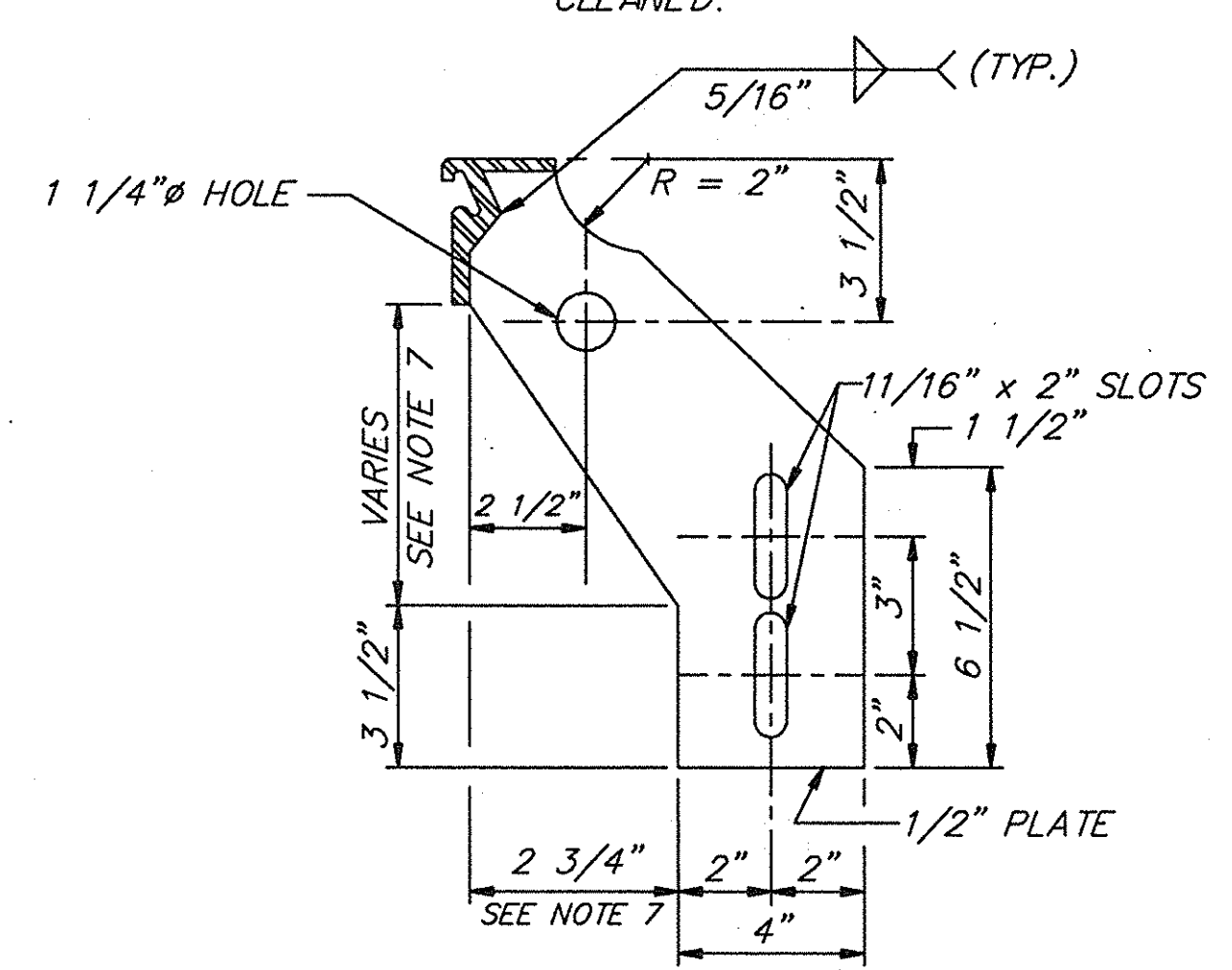
SECTION N
SCALE: 1 1/2"=1'-0"



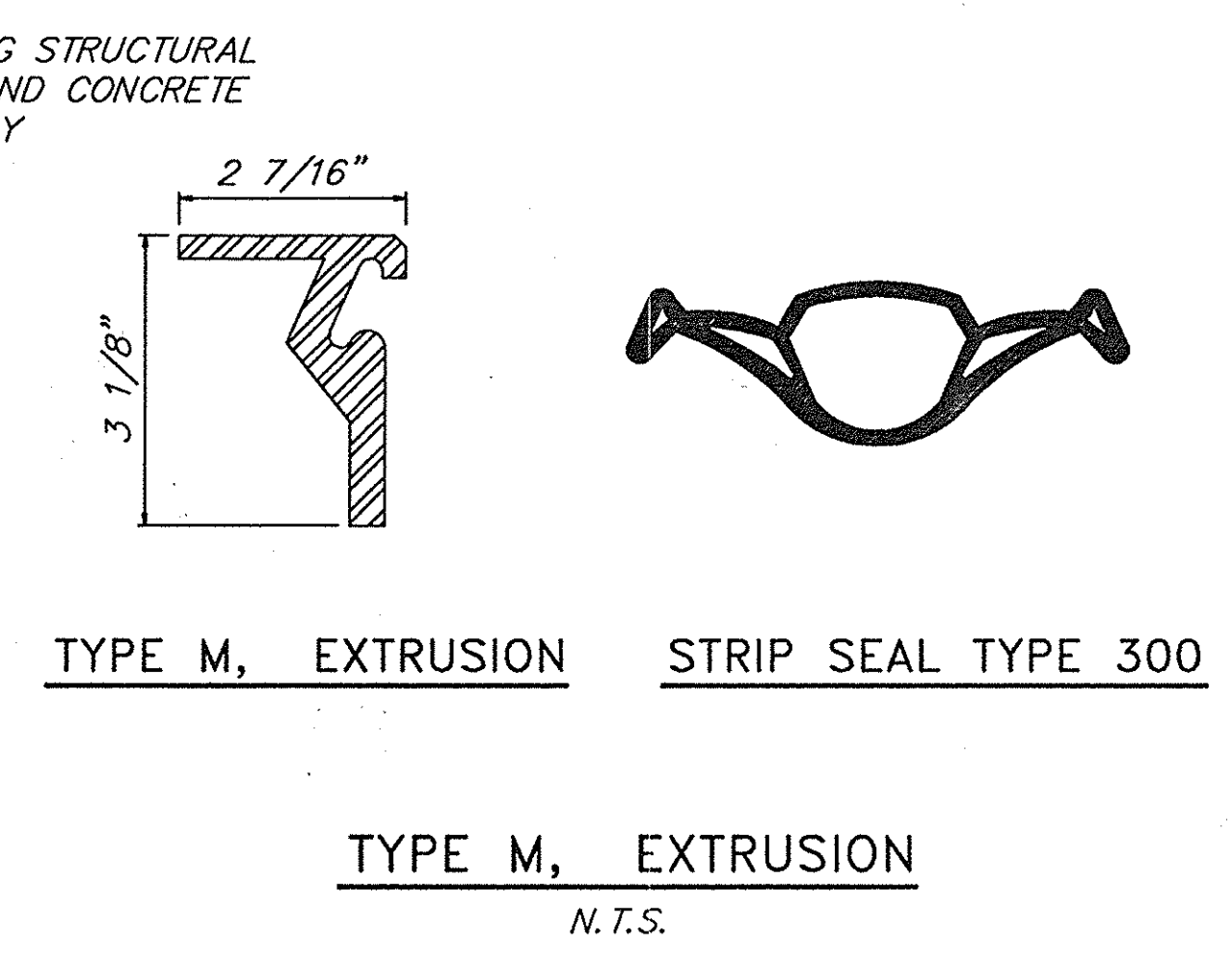
SECTION M
N.T.S.



BRACKET ANGLE



BRACKET PLATE



JOINT NOTES

1. THE CONTRACTOR SHALL VIBRATE AND HAND FINISH IF REQUIRED, THE AREA UNDER THE HORIZONTAL FLANGE OF THE JOINT EXTRUSION TO ENSURE THAT THERE ARE NO VOIDS AS ORDERED BY AND TO THE SATISFACTION OF THE ENGINEER. ANY ADDITIONAL COST FOR THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE JOINT SYSTEM.
2. THE NEOPRENE STRIP SEAL (TYPE 300) SHALL BE ONE PIECE FROM FASCIA TO FASCIA. NO SPLICES WILL BE PERMITTED.
3. THE COST OF ALL WORK AND MATERIALS INCLUDING FIELD DRILLING MOUNTING HOLES, FIELD WELDING, ADHESIVE ANCHOR STUDS, ETC. SHALL BE INCLUDED IN THE UNIT BID FOR ITEM 25567.8002.
4. STEEL USED FOR JOINT ANCHORAGE SHALL BE ASTM A588.
5. AFTER THE JOINT HAS BEEN SET TO LINE AND GRADE, AND THE BRACKET BOLTS ARE PROPERLY TIGHTENED, THE BRACKET PLATE SHALL BE WELDED TO THE BRACKET ANGLE.
6. FOR STAGE CONSTRUCTION, FULL PENETRATION FIELD WELD BUTT SPLICE OF EXTRUSION WILL BE PERMITTED.
7. LOCATION OF END DIAPHRAGMS MAY REQUIRE MODIFICATION TO BRACKET PLATE DIMENSIONS.
8. ALL EXISTING REINFORCEMENT TO REMAIN IN-PLACE AND BE THOROUGHLY CLEANED.

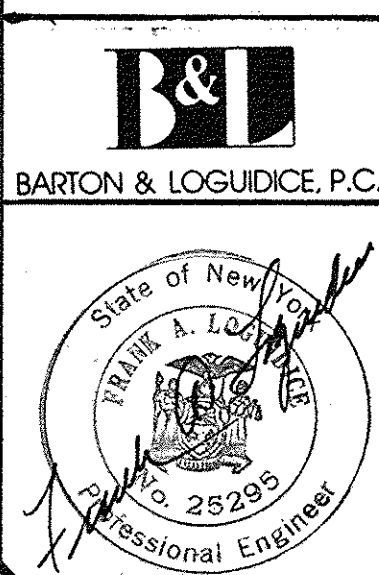
No revision		Bar	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL AND OVERLAY			
LOCATION OF PROJECT M.P.208.35 TO M.P.260.58			
TITLE OF DRAWING STRIP SEAL JOINT SYSTEM			
CONTRACT NUMBER: TAS92-748		DATE: SEPT., 1992	
DRAWING NUMBER: JT-5			

CHECKED BY: *W. Paul Giddol*

DRAFTED BY: *M.E. K... ..*

DESIGNED BY: *Thomas C. ...*

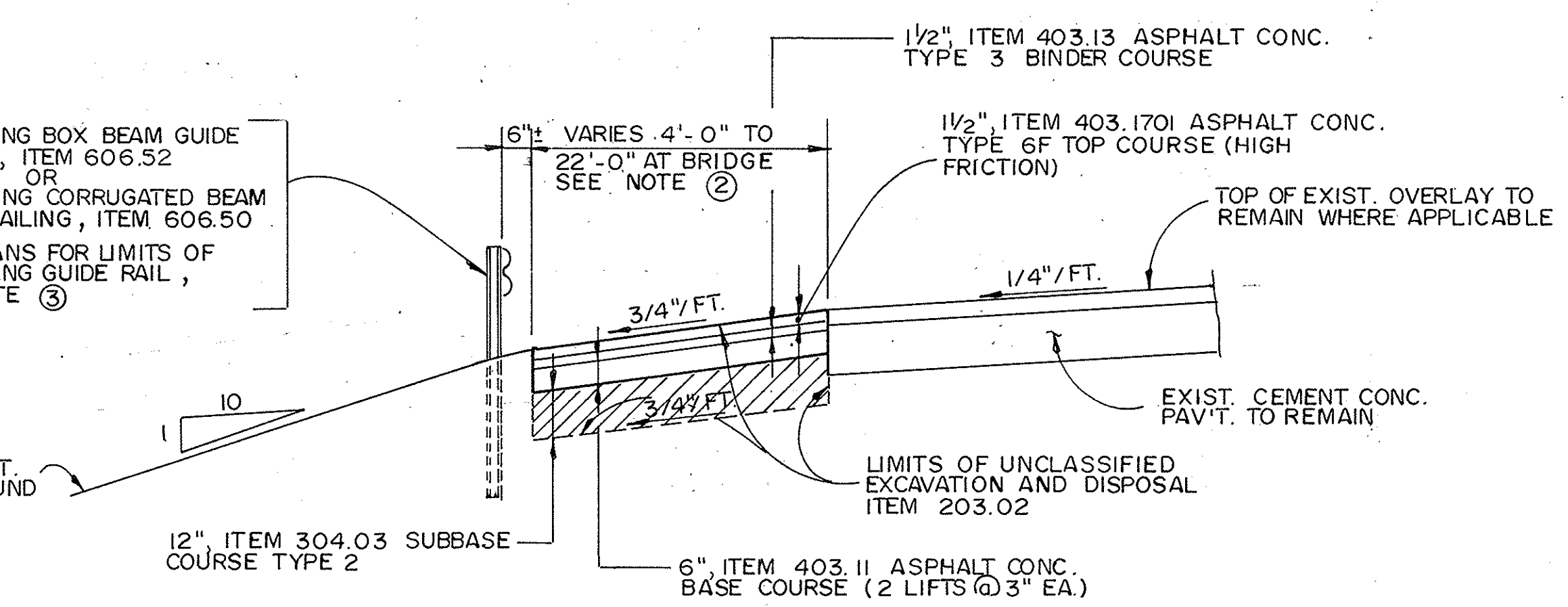
IN CHARGE OF: *Robert ...*



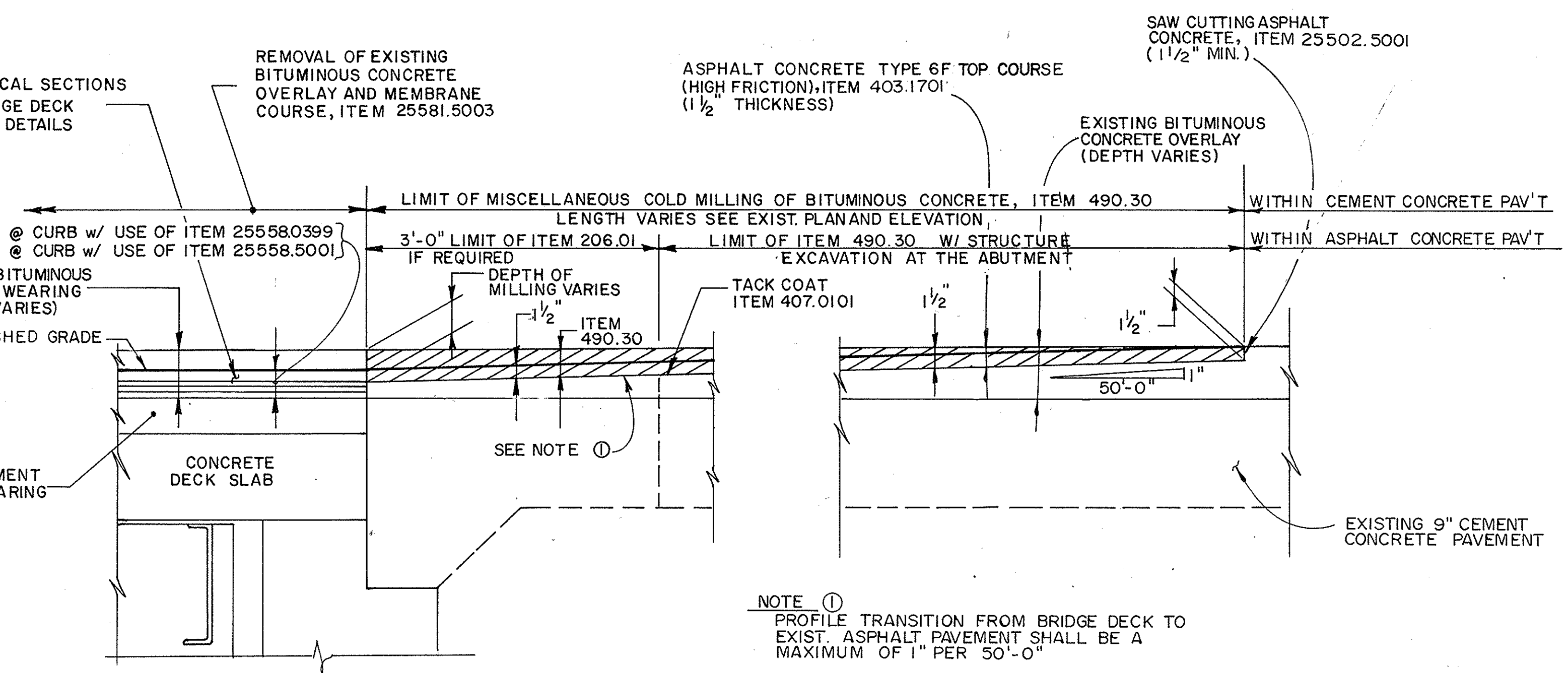
SHOULDER RECONSTRUCTION NOTES:

- THE RECONSTRUCTED HEAVY DUTY ASPHALT SHOULDER SHALL BE PLACED PRIOR TO RESETTING THE GUIDE RAIL. THE CONTRACTOR SHALL PLACE THE RIGHT SIDE SHOULDERS TO WITH-IN 6" OF THE FACE OF THE RAIL. AT LOCATIONS WHERE GUIDE RAIL RESETTING IS NOT CALLED FOR THE RECONSTRUCTED RIGHT SIDE SHOULDER SHALL BE INSTALLED AT THE SAME WIDTH AS THE EXISTING.
- REFER TO THE VARIOUS MPT AND PLAN SHEETS FOR PROPOSED WIDTHS AND LENGTHS OF THE RECONSTRUCTED MEDIAN SIDE SHOULDER.
- PRIOR TO REMOVING THE GUIDE RAIL THE CONTRACTOR SHALL FIELD MEASURE THE OFFSET FROM THE CENTERLINE. THE RESET GUIDE RAIL SHALL BE PLACED IN THE SAME ALIGNMENT AS THE EXISTING. AT TIMES IT MAY BE NECESSARY TO DRIVE THE POST THROUGH THE ASPHALT PAVEMENT, SHOULD THIS BE THE CASE THE CONTRACTOR SHALL REPAIR THE HOLES ADJACENT TO THE POSTS A.O.B.E.
- THE EXISTING DELINEATORS, MILEMARKERS AND SIGNS WHICH FALL WITHIN THE SHOULDER RECONSTRUCTION LIMITS SHALL BE FIELD LOCATED AND RESET DURING THE RECONSTRUCTION OF THE SHOULDERS. THE COST FOR TEMPORARILY LOCATING AND RESETTING THESE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.02

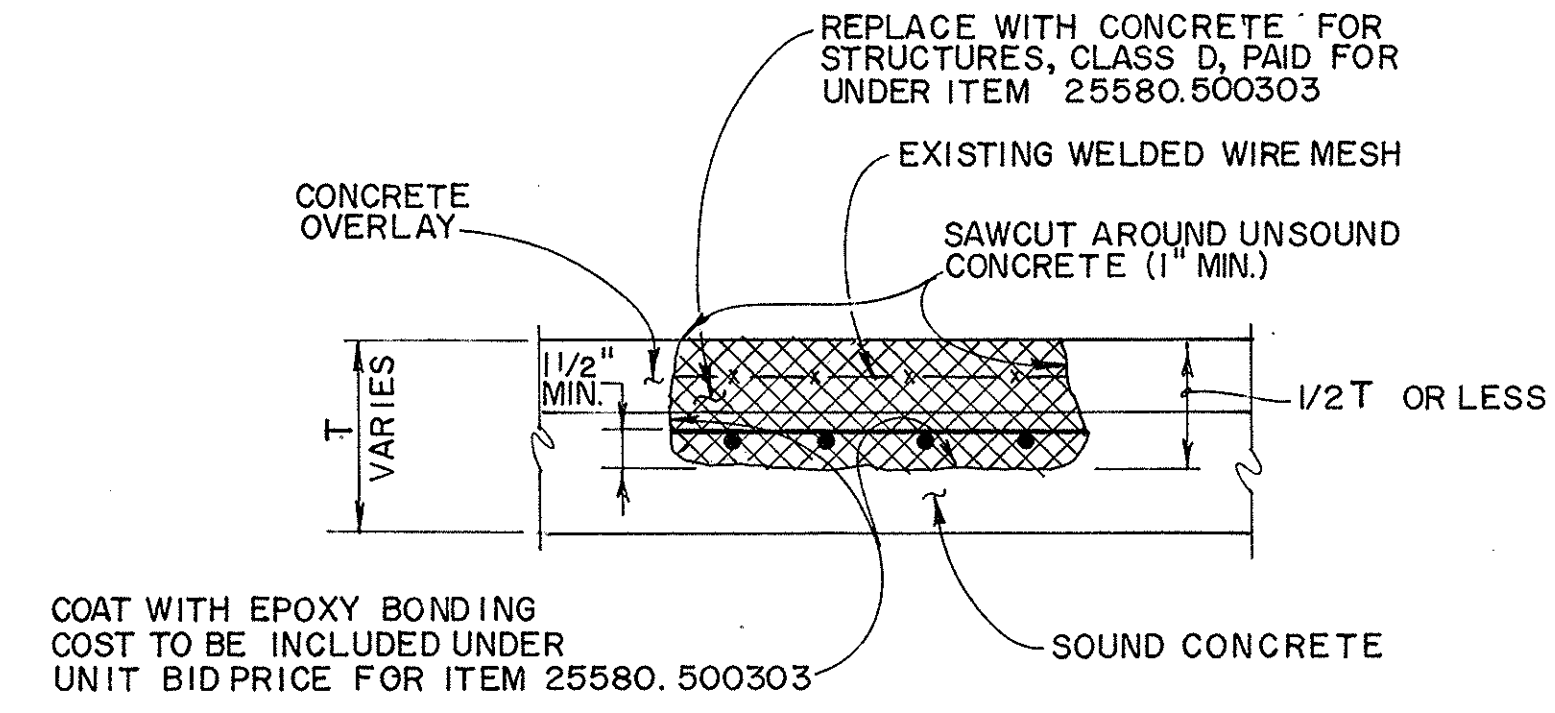
RIGHT SIDE SHOULDER RECONSTRUCTION DETAIL



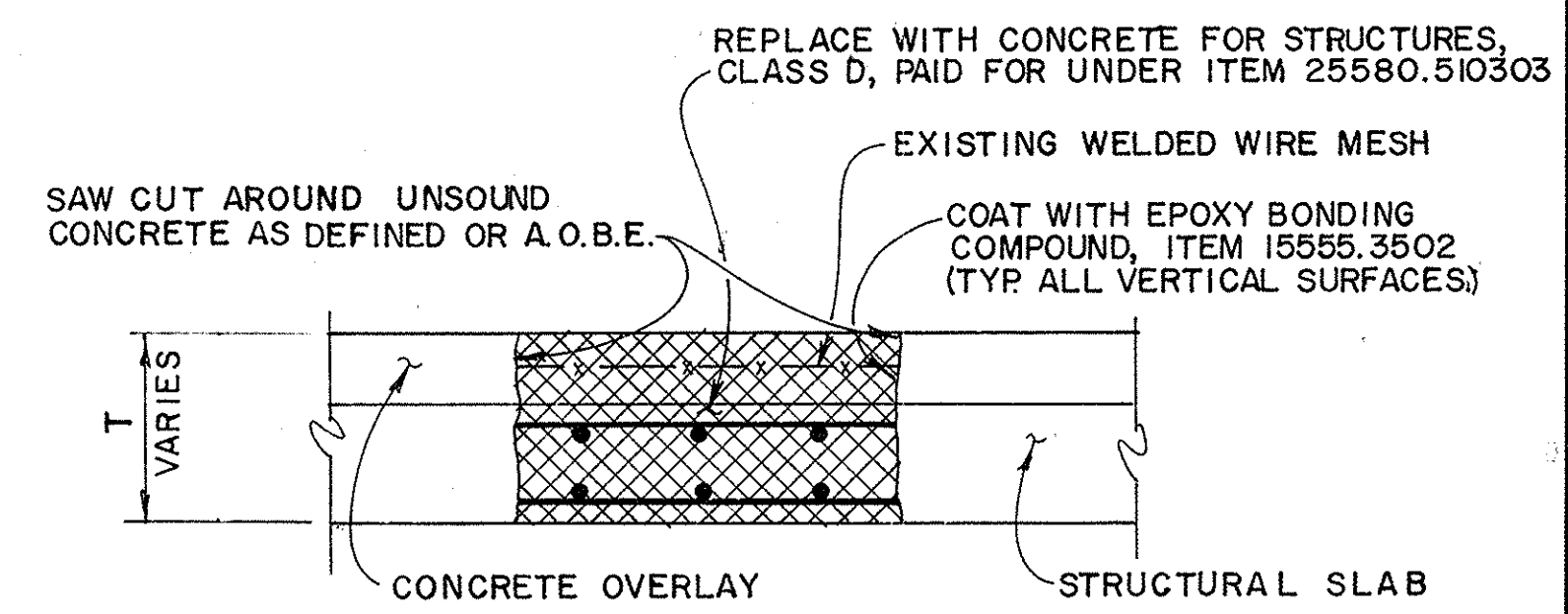
ASPHALT CONCRETE TRANSITION TO BRIDGE DECK OVERLAY



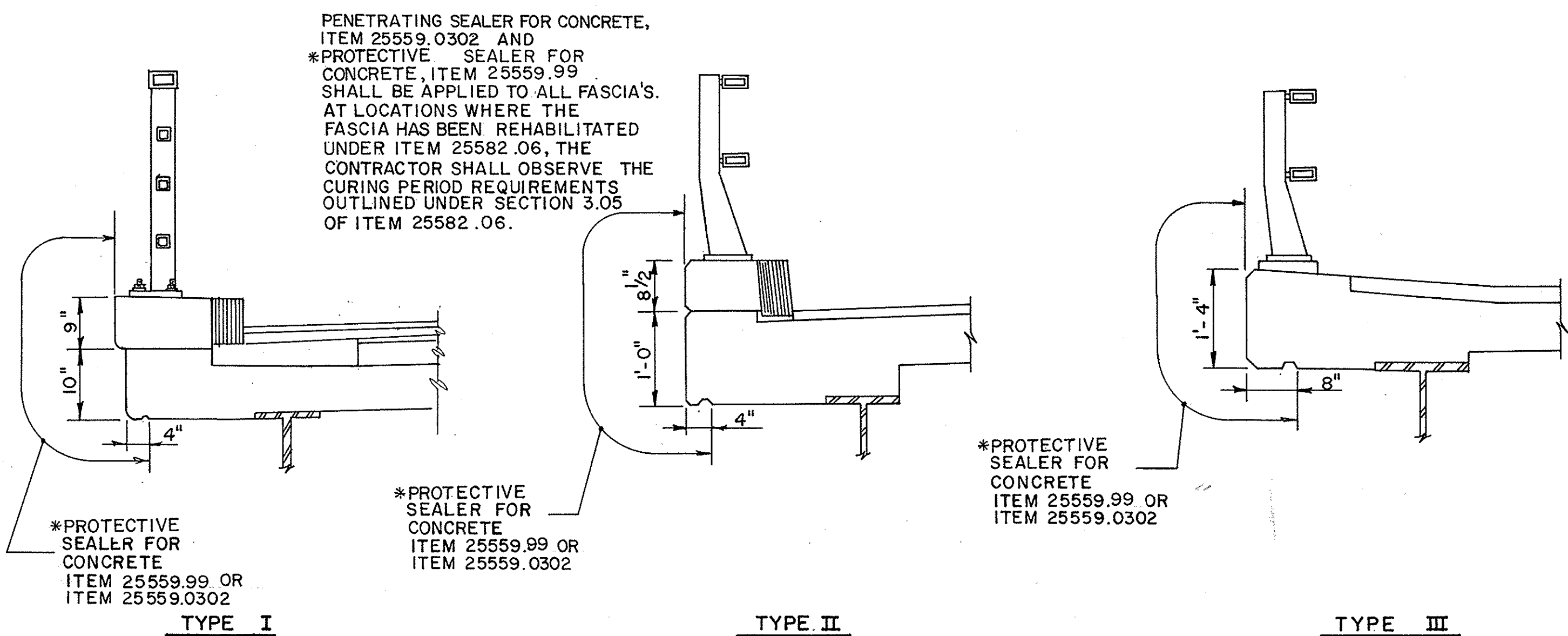
PARTIAL DEPTH REPAIR DETAIL



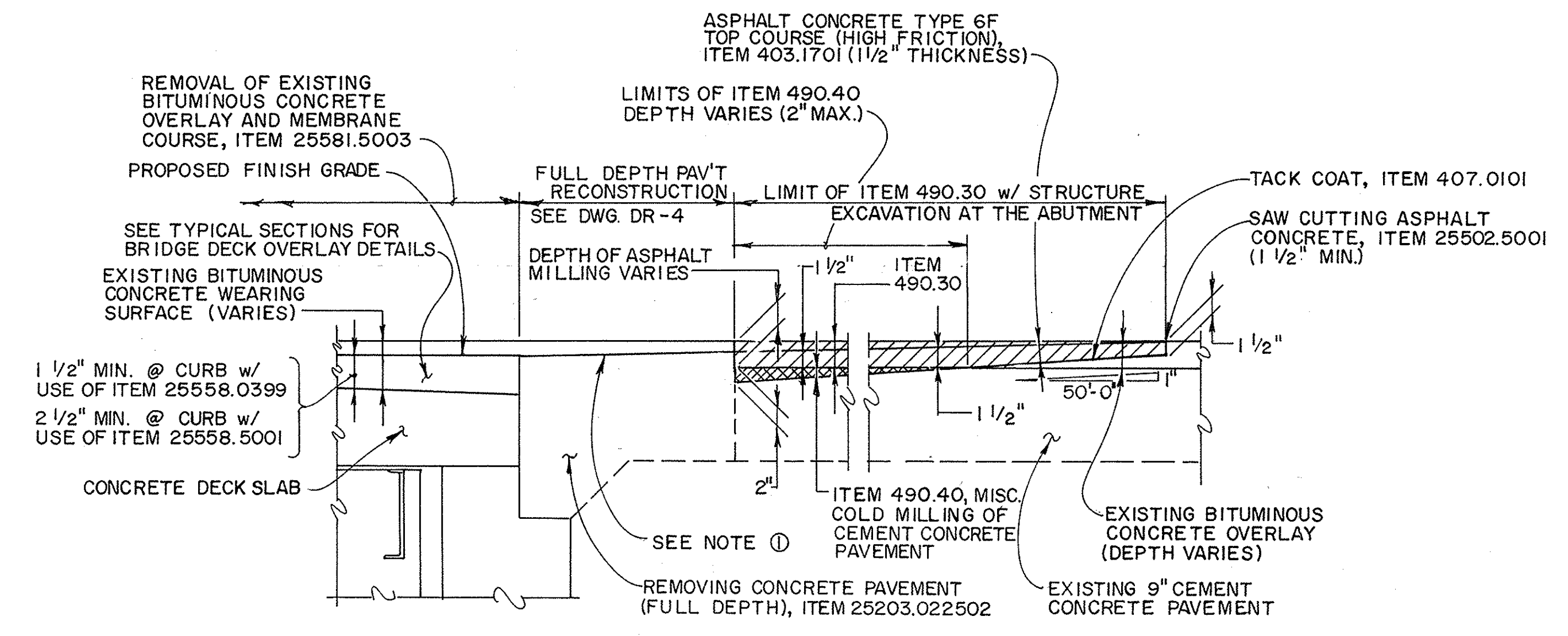
FULL DEPTH REPAIR DETAIL



PROTECTIVE SEALER DETAILS



PAVEMENT TRANSITION THROUGH FULL DEPTH PAVEMENT RECONSTRUCTION



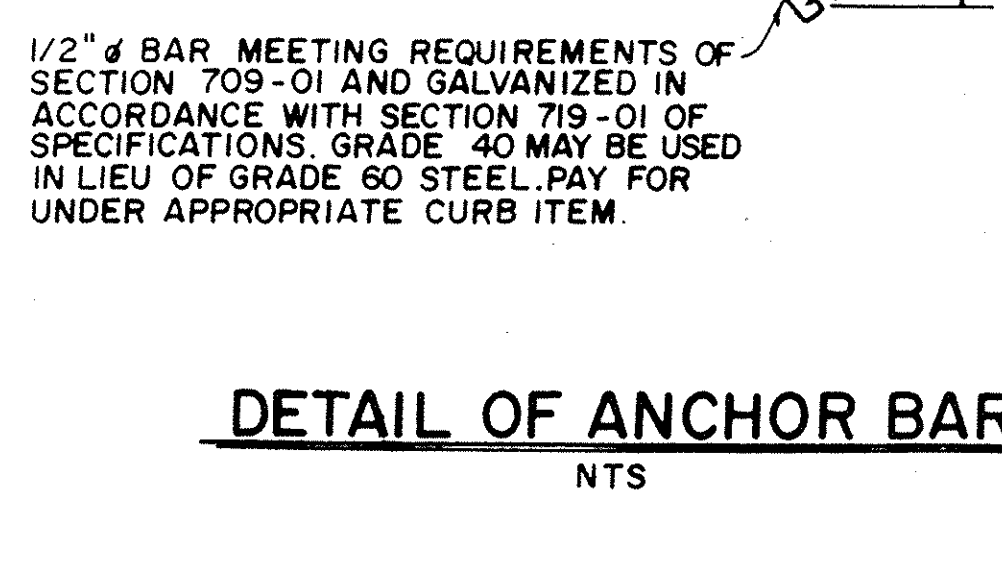
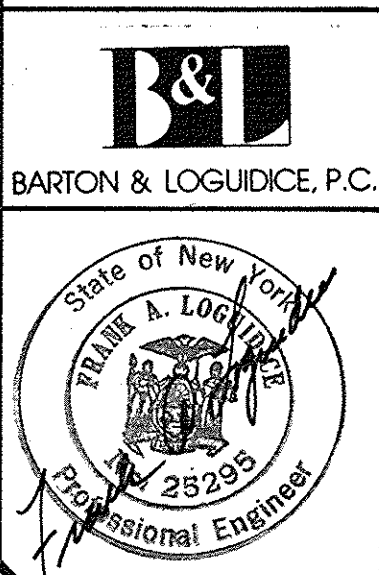
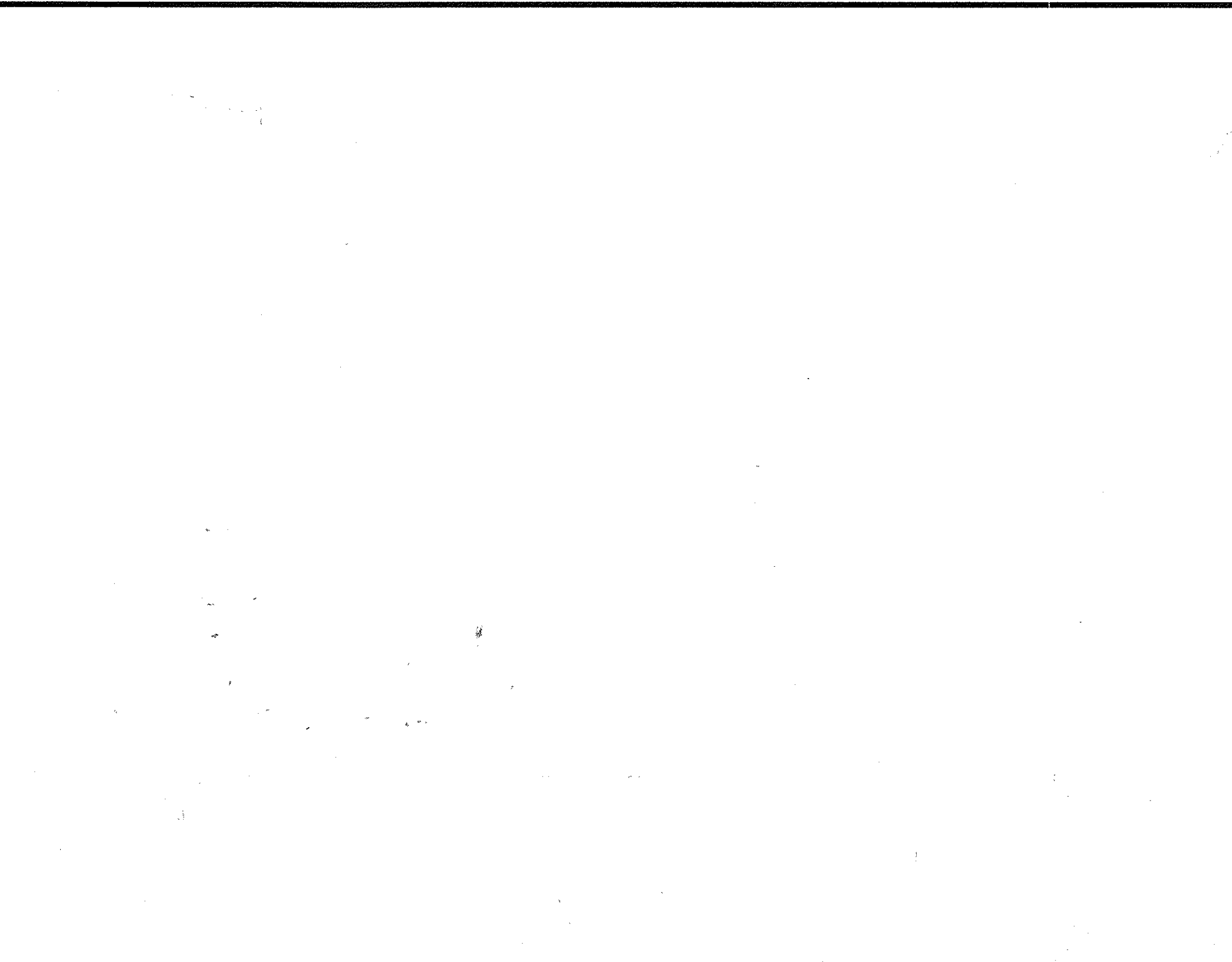
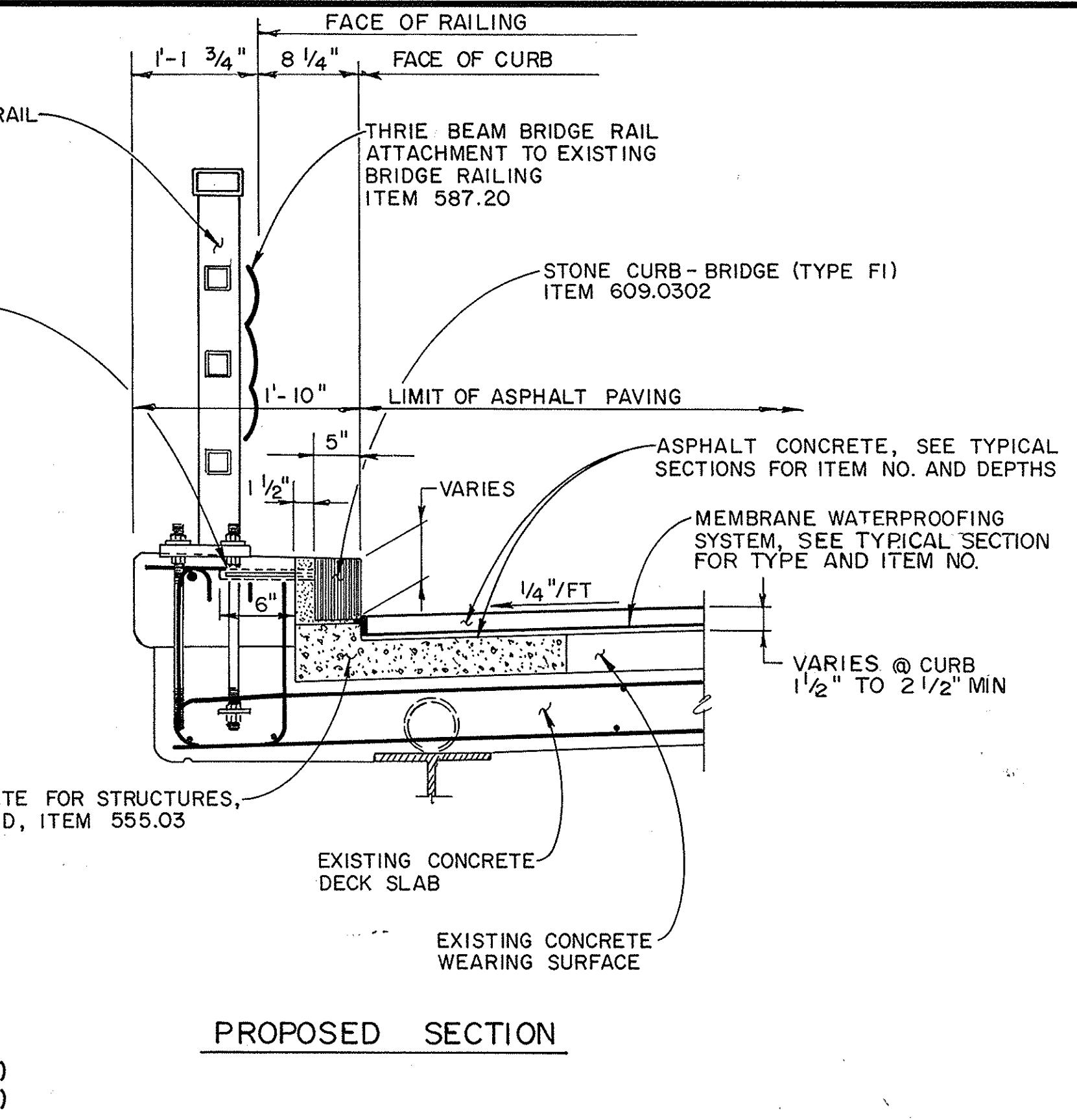
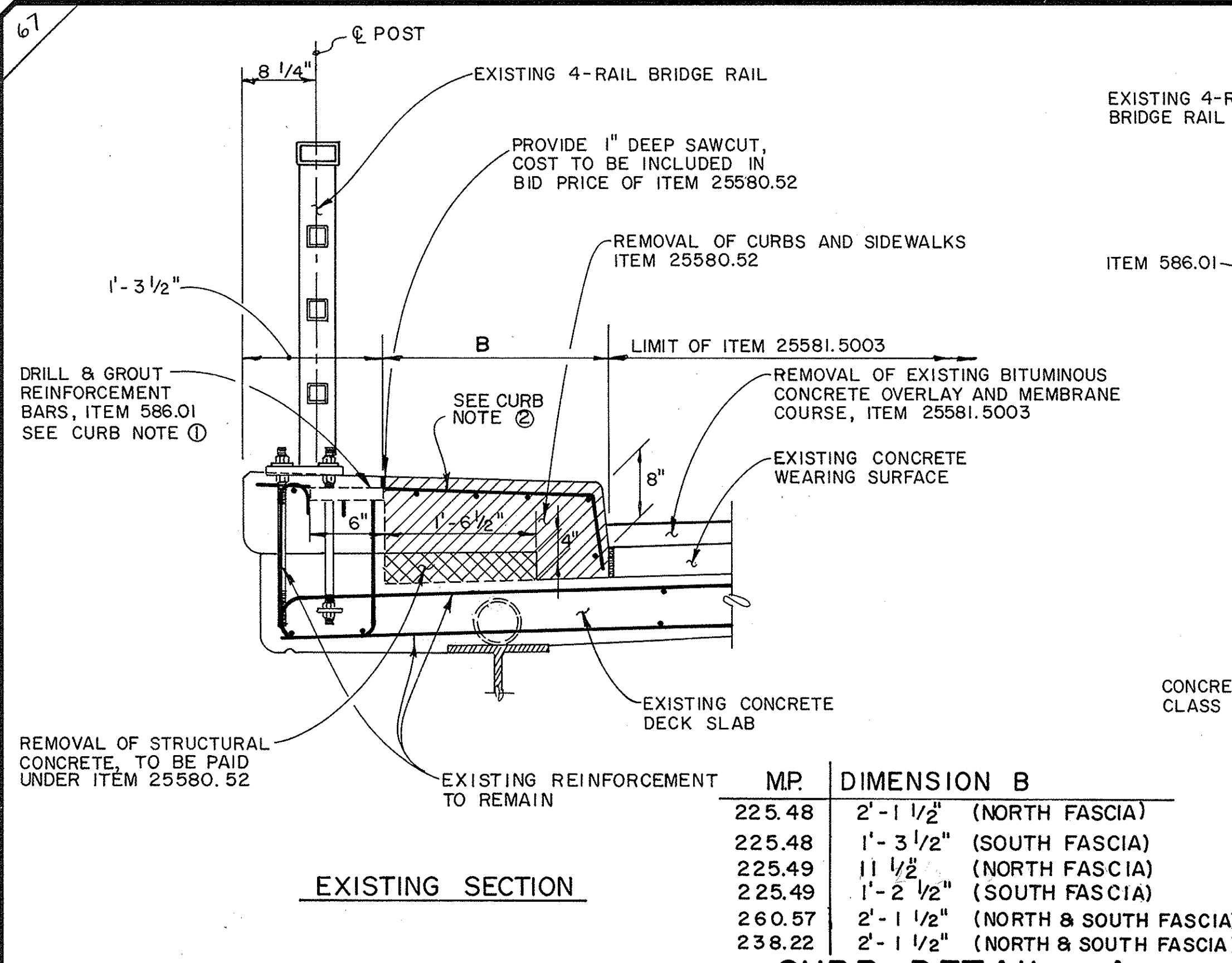
No Revisions			
Bat			
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING MISCELLANEOUS DETAILS			
CONTRACT NUMBER: TAS 92-748		DATE: SEPT, 1992	
DRAWING NUMBER: MIS-1			

CHECKED BY: *W. Paul Zedler*

DRAFTED BY: *M.E. Krawitz*

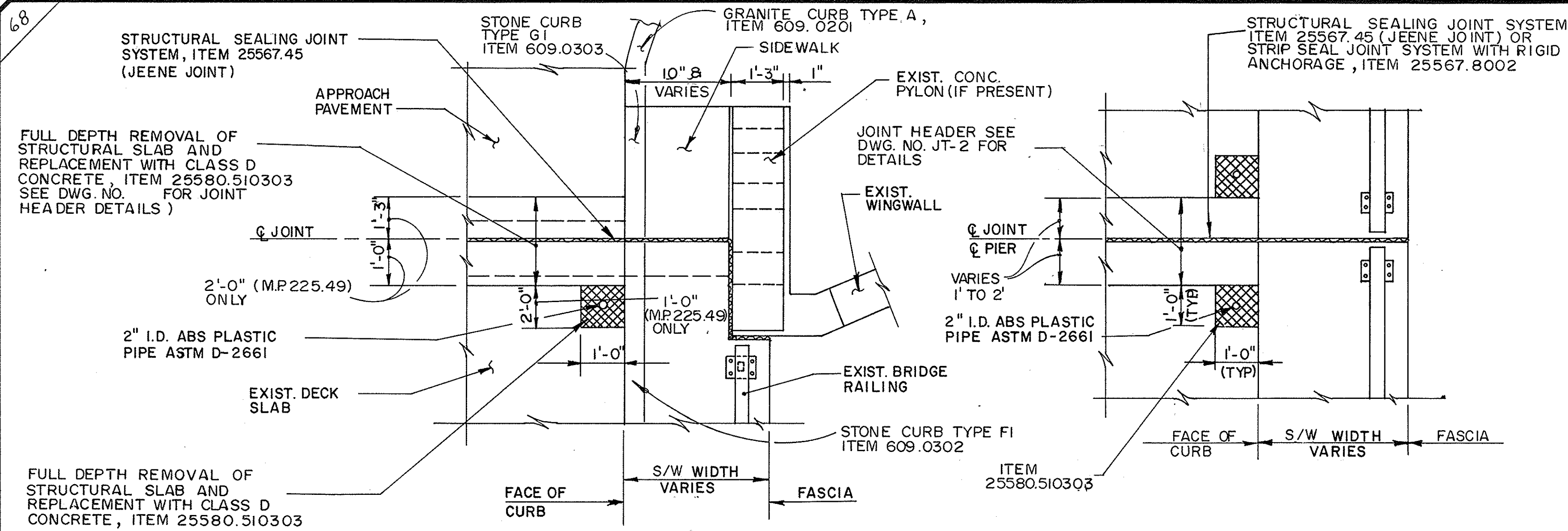
DESIGNED BY: *Thomas C. Ward*

IN CHARGE OF: *Robert W. Shumway*



- CURB NOTES:**
1. THE CONTRACTOR SHALL PROVIDE A 1" DIA. HOLE FOR THE CURB ANCHOR BARS, THE HOLES SHALL BE LAID OUT TO COINCIDE WITH THE STONE CURB ANCHOR LOCATIONS. IT IS ADVISABLE TO LAY THE STONE CURBING OUT PRIOR TO DRILLING THE HOLES.
 2. THE CONTRACTOR SHALL FIELD CUT THE EXISTING SIDEWALK REINFORCEMENT AS NEEDED TO FACILITATE THE PLACEMENT OF THE STONE CURBING.

NO REVISIONS			
Bal			
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING MISC. FASCIA DETAILS			
CONTRACT NUMBER: TAS 92 - 74B			
DATE: SEPT., 1992			
DRAWING NUMBER: MIS-2			

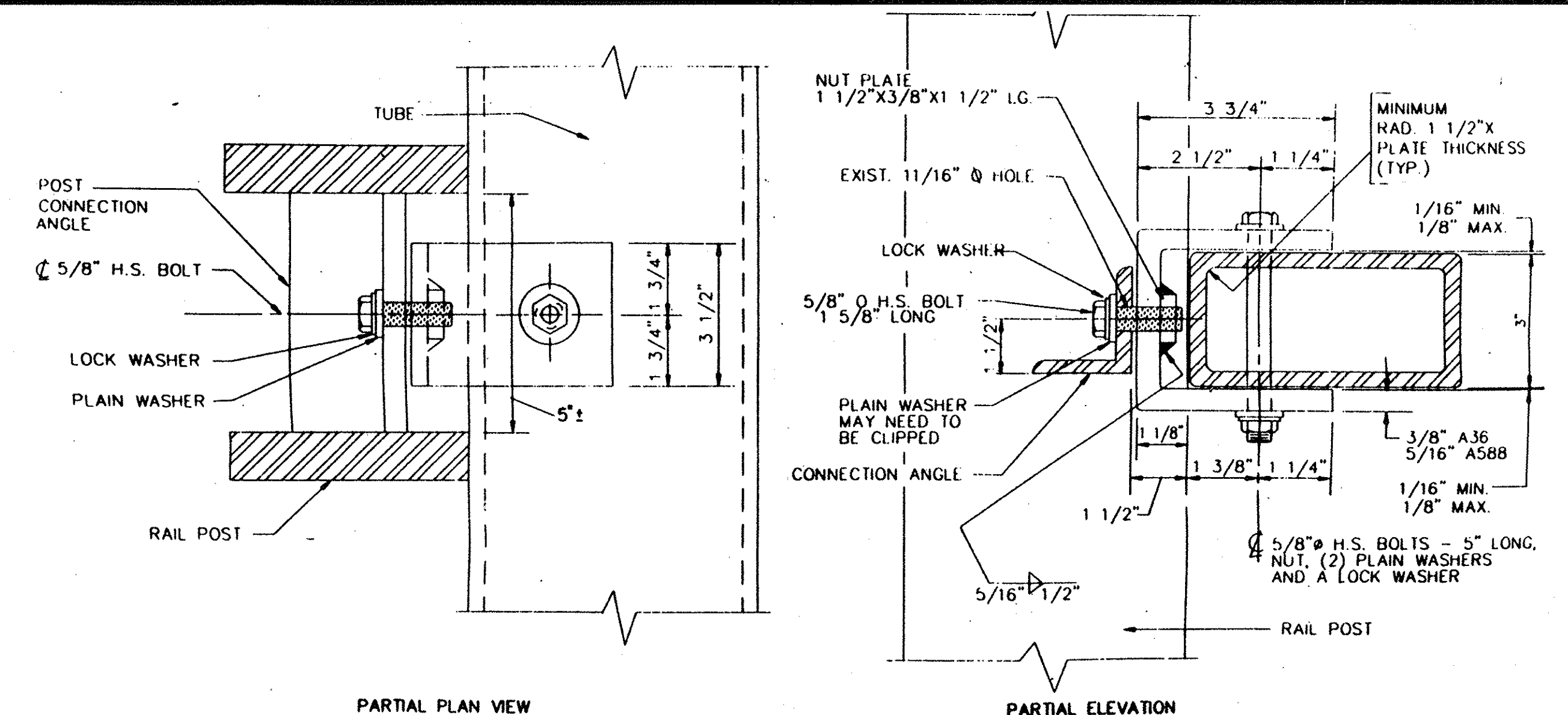


ABUTMENT WEEP PLAN

SCALE 1/2"=1'-0"
M.P. 225.49 , M.P. 210.62 & M.P. 210.63 ONLY)

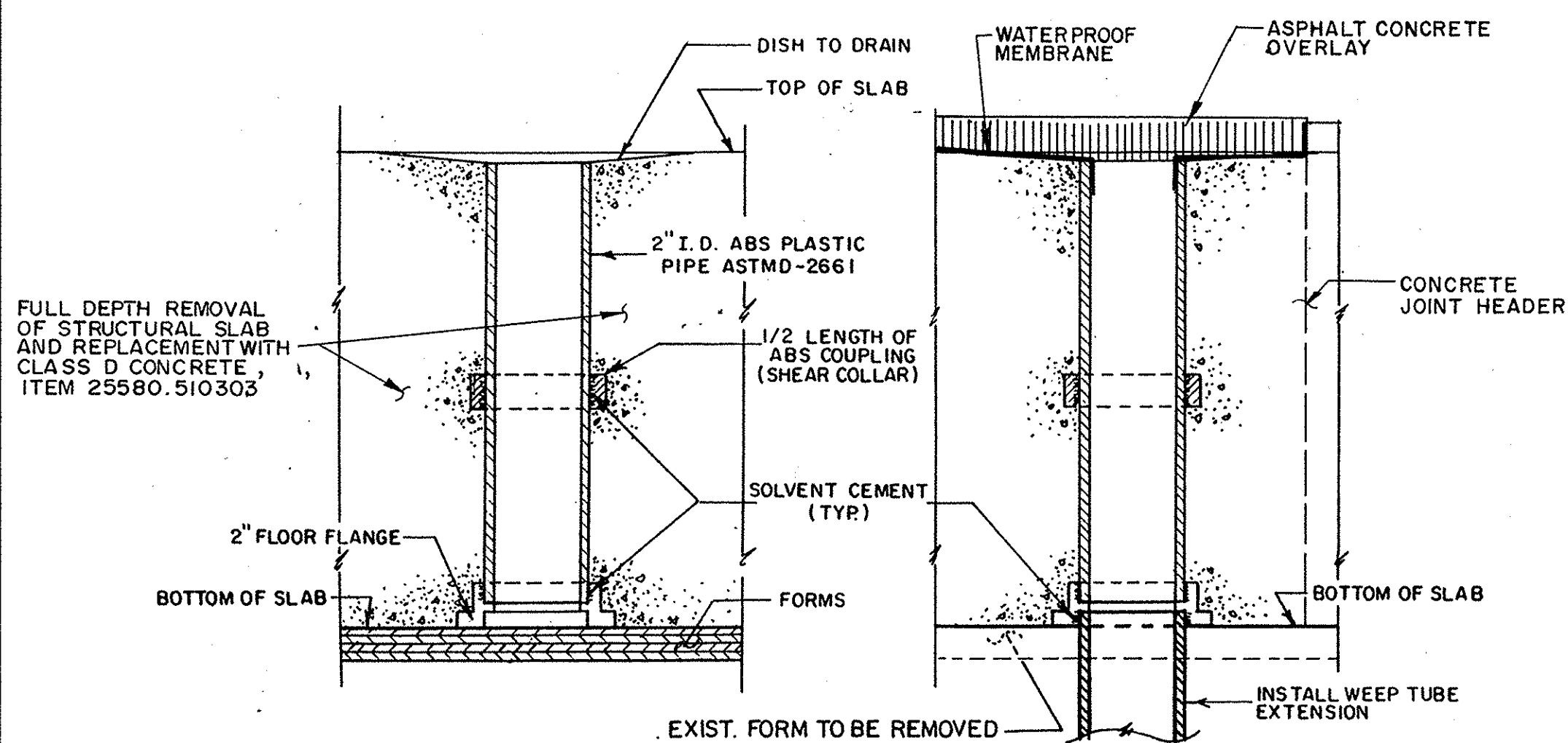
PIER WEEP PLAN

SCALE 1/2"=1'-0"



BRIDGE RAILING REPLACEMENT CLAMP (ITEM 15587.0501)

	NT
(MP210.62	
(MP210.63	MP 233.27)

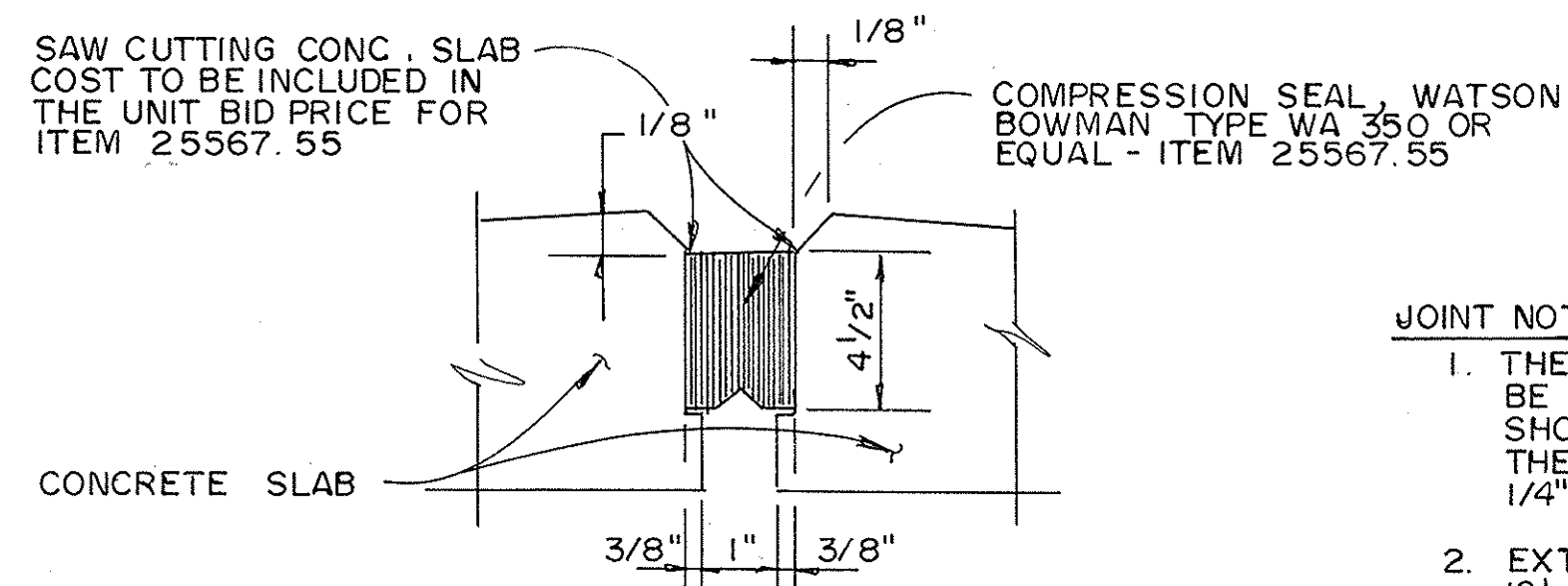



PHASE I

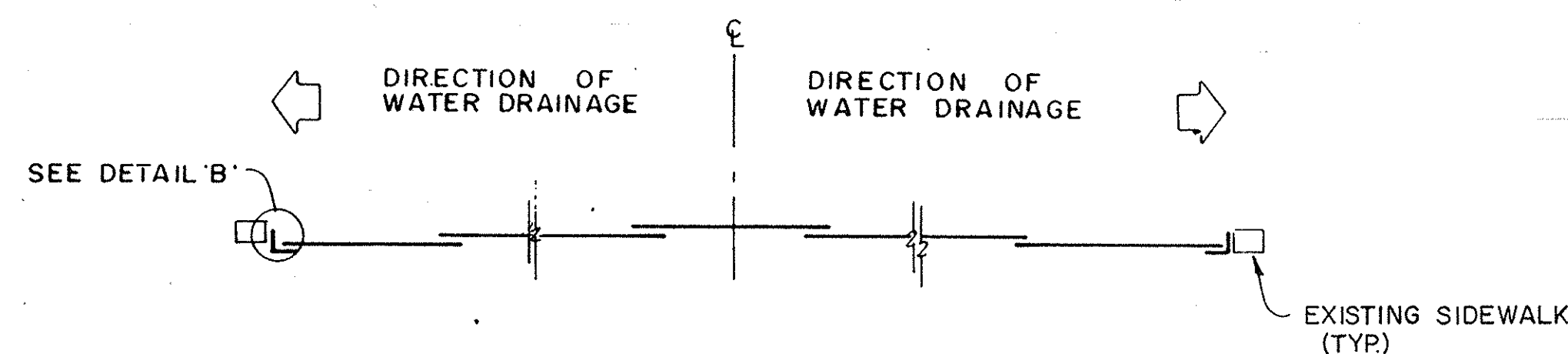
- NOTES:**
- PHASE I**
1. AFTER LOCATING WEEP LOCATIONS - TACK THE FLOOR FLANGE TO THE FORMS, INSERT AND SOLVENT WELD THE UPPER PORTION OF WEEP TUBE. AFTER THE POUR, REMOVE FORMS, CLEAN LOWER PORTION TO FLOOR FLANGE FOR INSTALLATION BY SOLVENT WELD - ING THE WEEP TUBE EXTENSION A.O.B.E.
 2. WEEPS SHALL BE INSTALLED AT STRUCTURAL SEALING JOINT SYSTEM LOCATIONS AND STRIP SEAL JOINT SYSTEM WITH RIGID ANCHORAGE LOCATIONS ONLY.

BRIDGE WEEP INSTALLATION

(ITEM 25566.32)
NTS

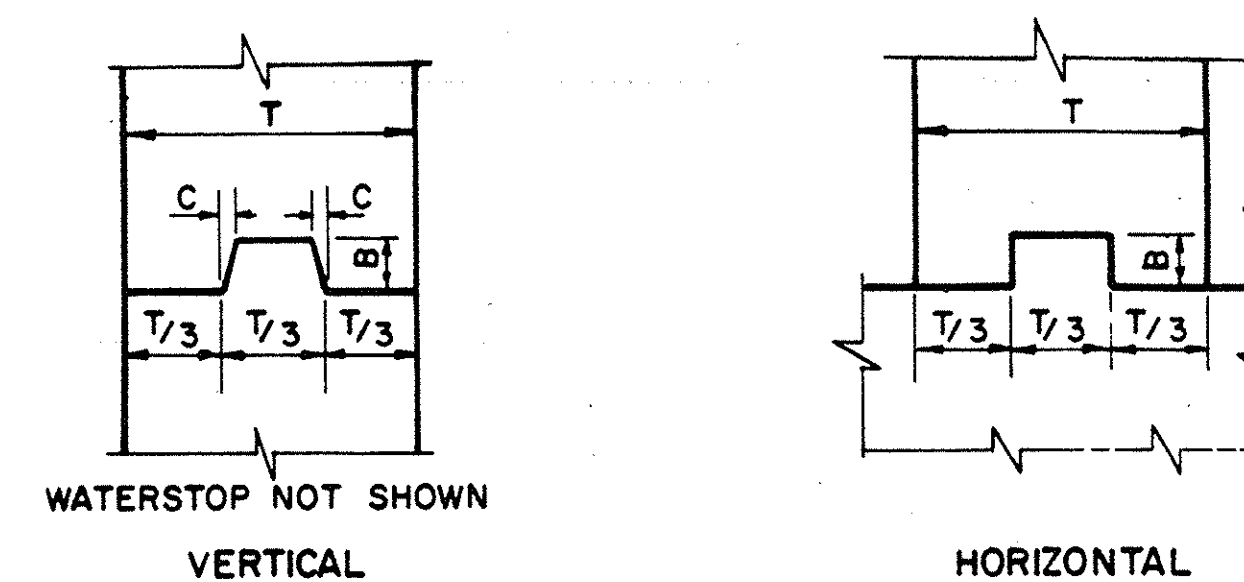


SECTION 
LONGITUDINAL JOINT DETAIL



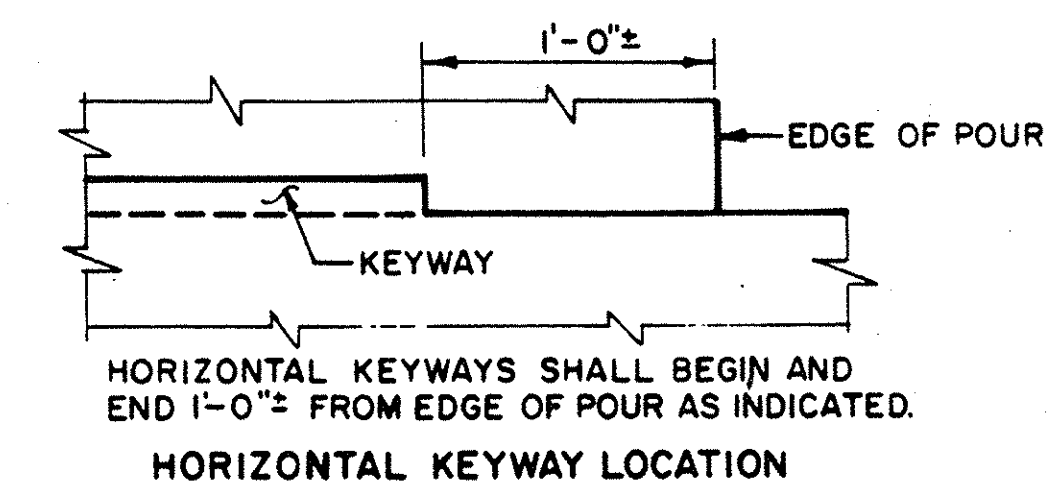
TYPICAL MEMBRANE WATERPROOFING DETAIL

NTS
(ITEM 25558.5001)



WATERSTOP NOT SHOWN
VERTICAL

HORIZONTAL




HORIZONTAL KEYWAY LOCATION

CONSTRUCTION & CONTRACTION JOINTS		
C	B	T/3
1/4"	1 1/2"	to 6"
1/2"	3 1/2"	6" to 10"
3/4"	5 1/2"	over 10"

KEYWAY DETAILS

NOT TO SCALE

	NO REVISIONS	Baf	
DATE	DESCRIPTION	BY	SYM
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING MISCELLANEOUS DETAILS			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: SEPT., 1992	
		DRAWING NUMBER: MIS:3	

NOTE: MEMBRANE WATERPROOFING TO BE
APPLIED OVER ENTIRE SURFACE OF
BRIDGE.

DETAIL 'B'

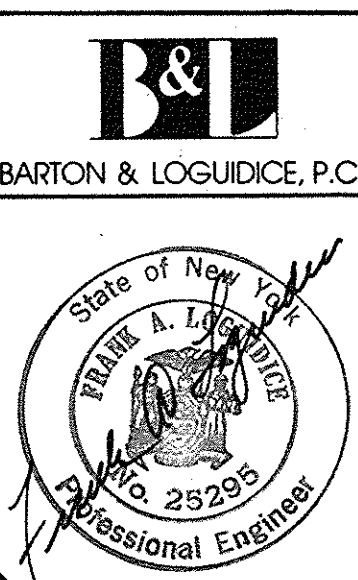
NTS

CHECKED BY: V. Paul Zindel

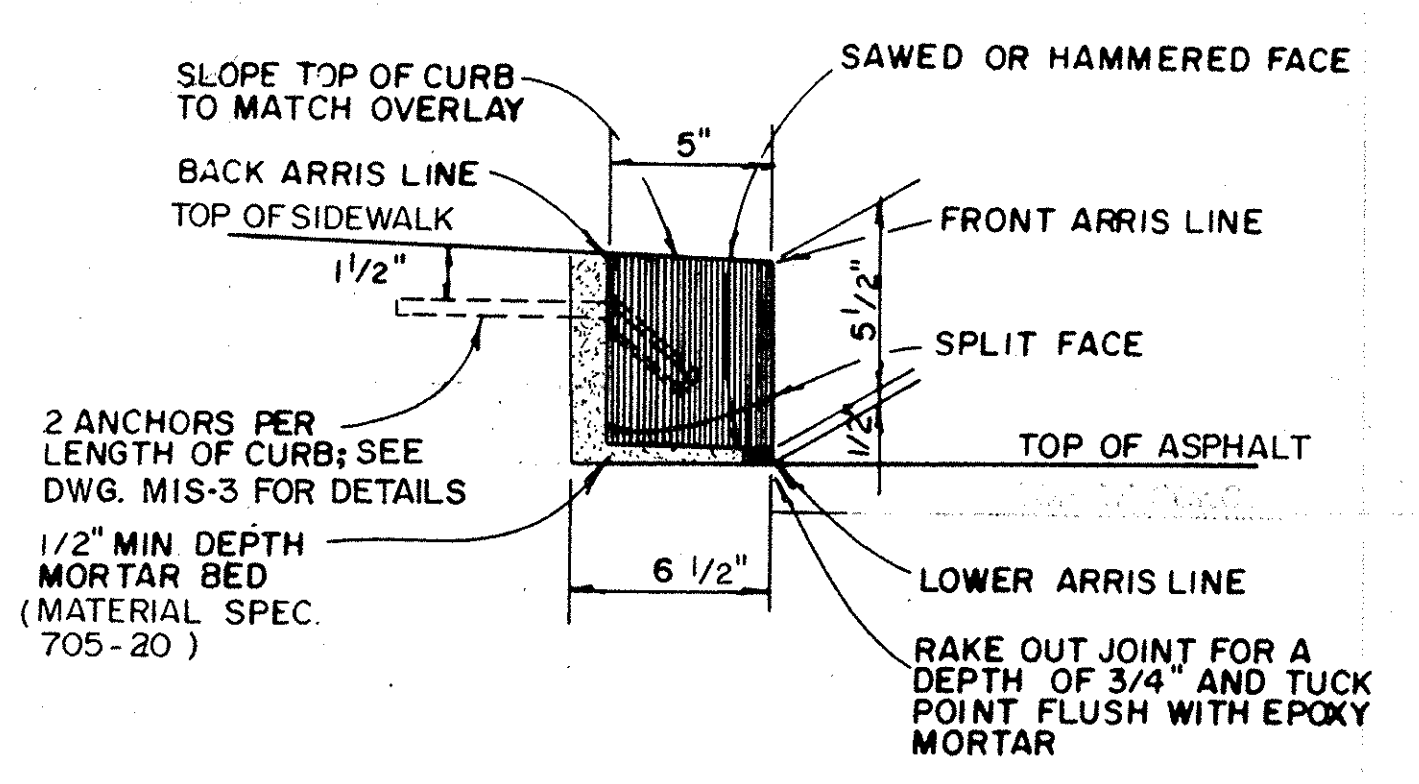
DRAFTED BY: M.E. Kharvazi

DESIGNED BY: Thomas C. Deal

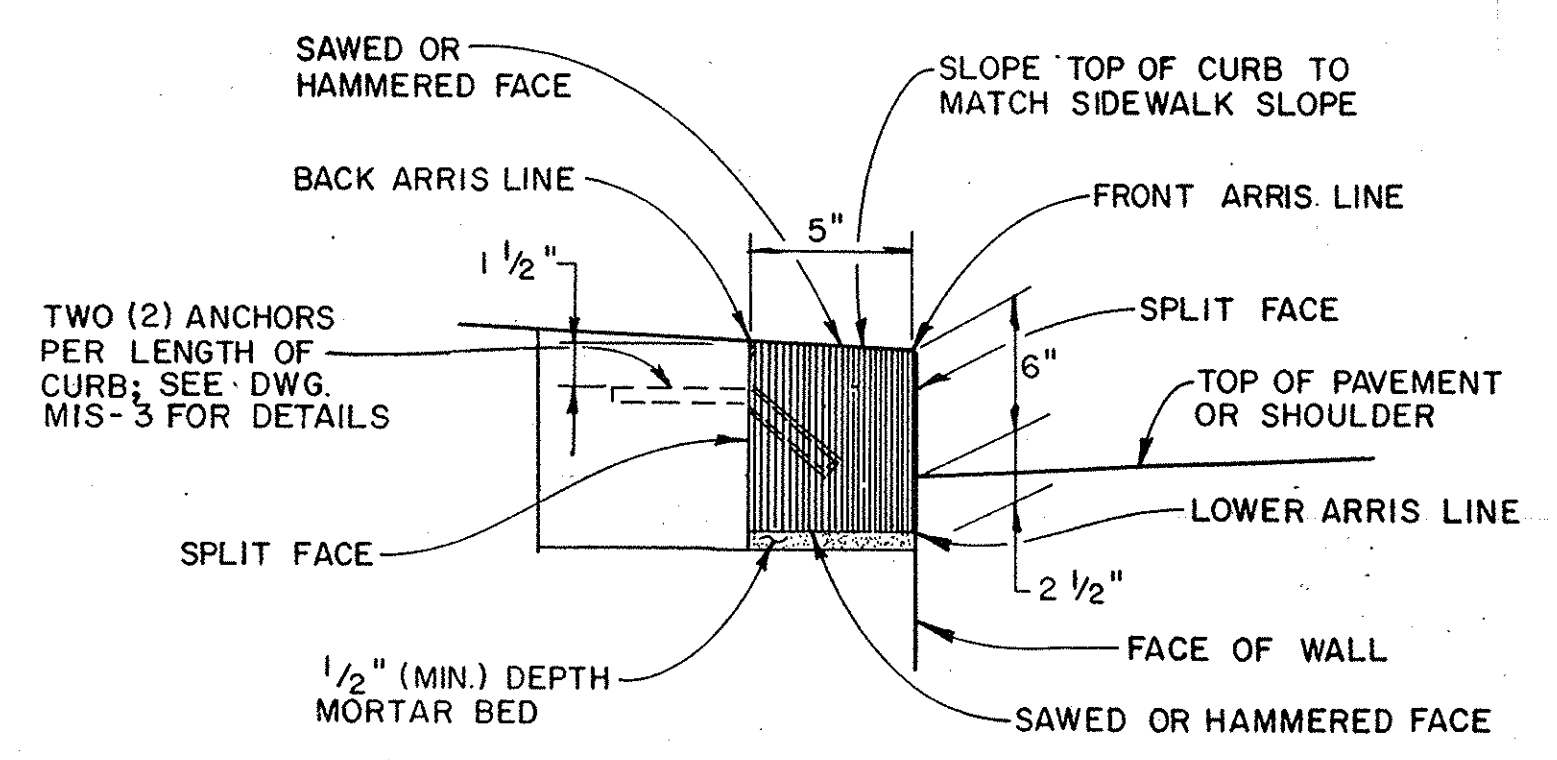
IN CHARGE OF: Robert W. Formaday



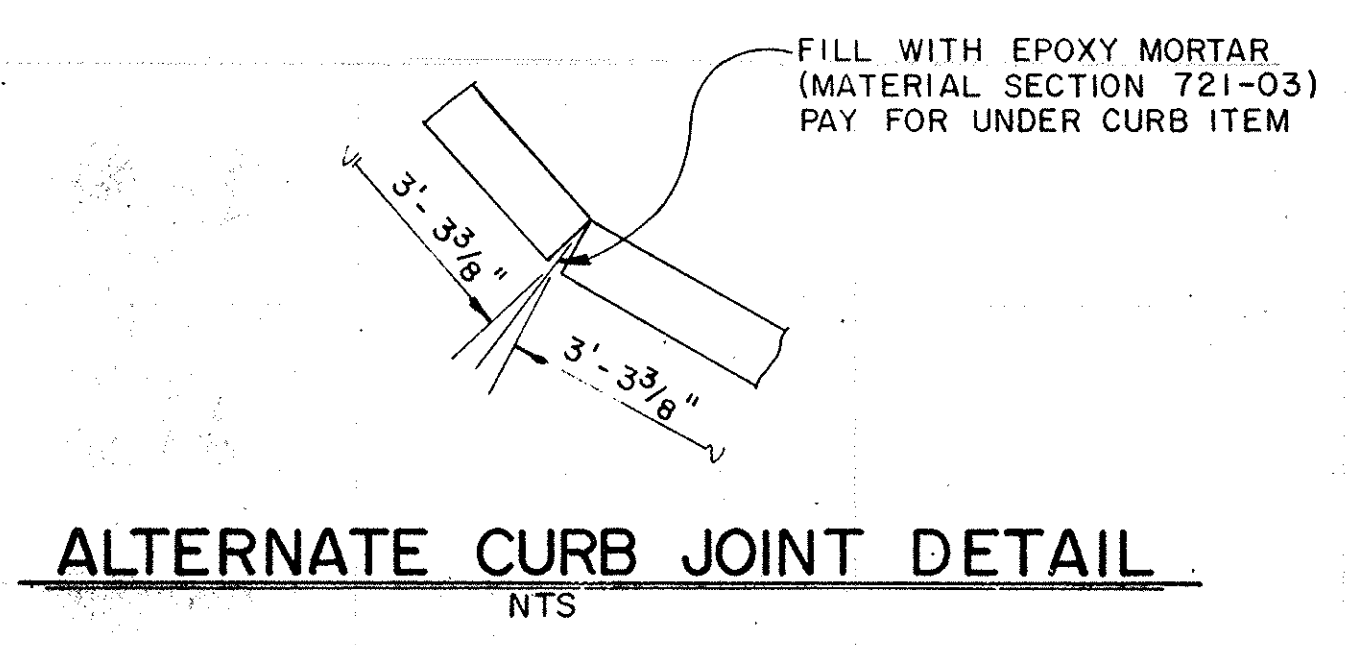
CHECKED BY: *V. Jane Zabol*
DRAFTED BY: *M. E. Kowale*
DESIGNED BY: *Thomas C. Paul*
IN CHARGE OF: *Robert J. Kennedy*



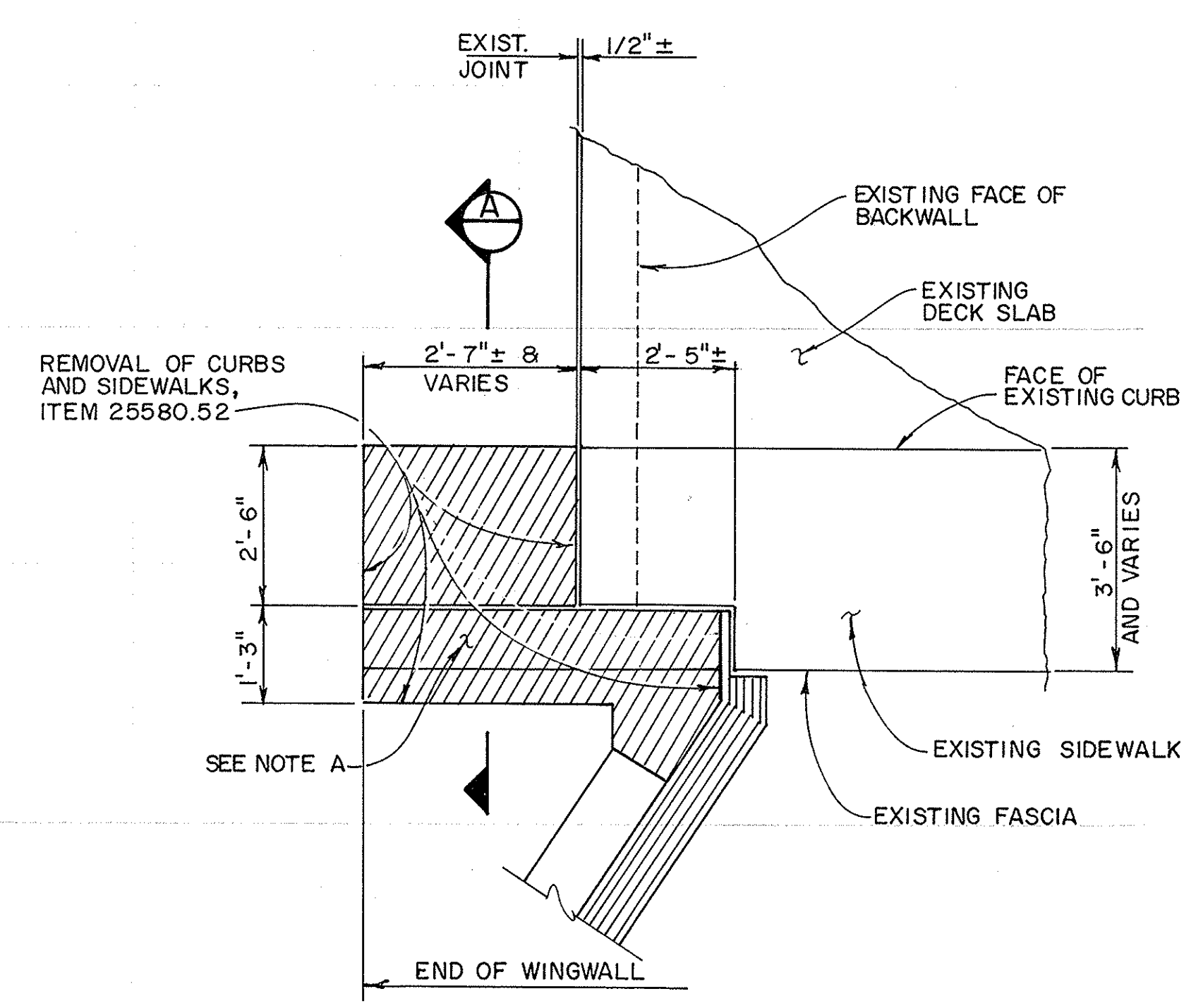
DETAIL OF GRANITE CURB
TYPE F1
NTS
(ITEM 609.0302)



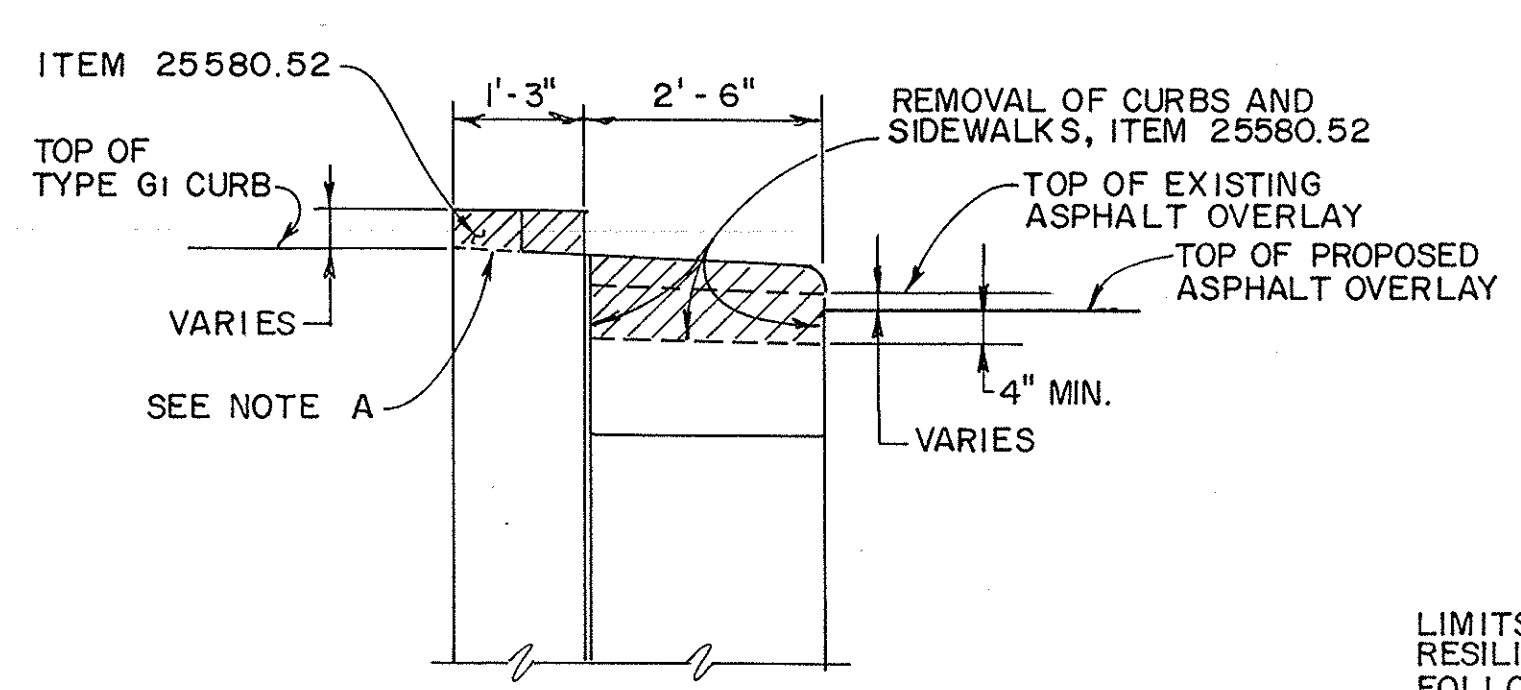
DETAIL OF GRANITE CURB
TYPE G1
NTS
(ITEM 609.0303)



ALTERNATE CURB JOINT DETAIL
NTS



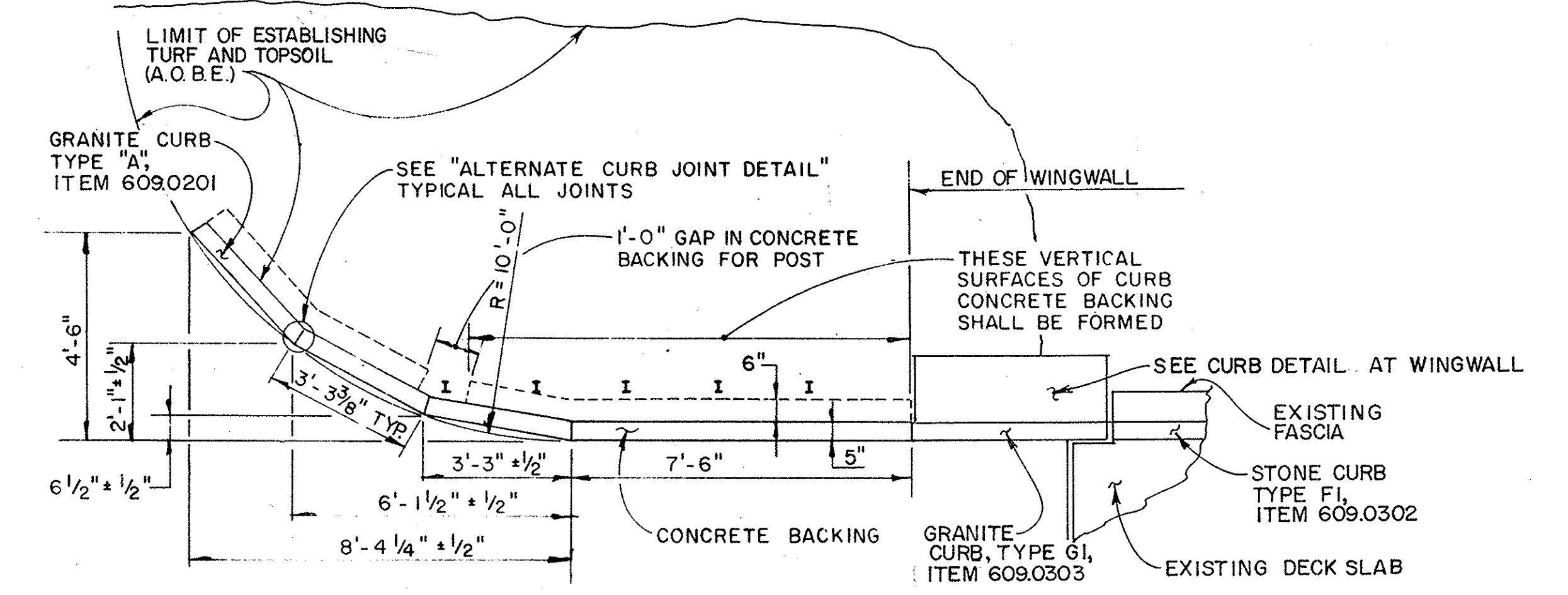
PLAN EXISTING



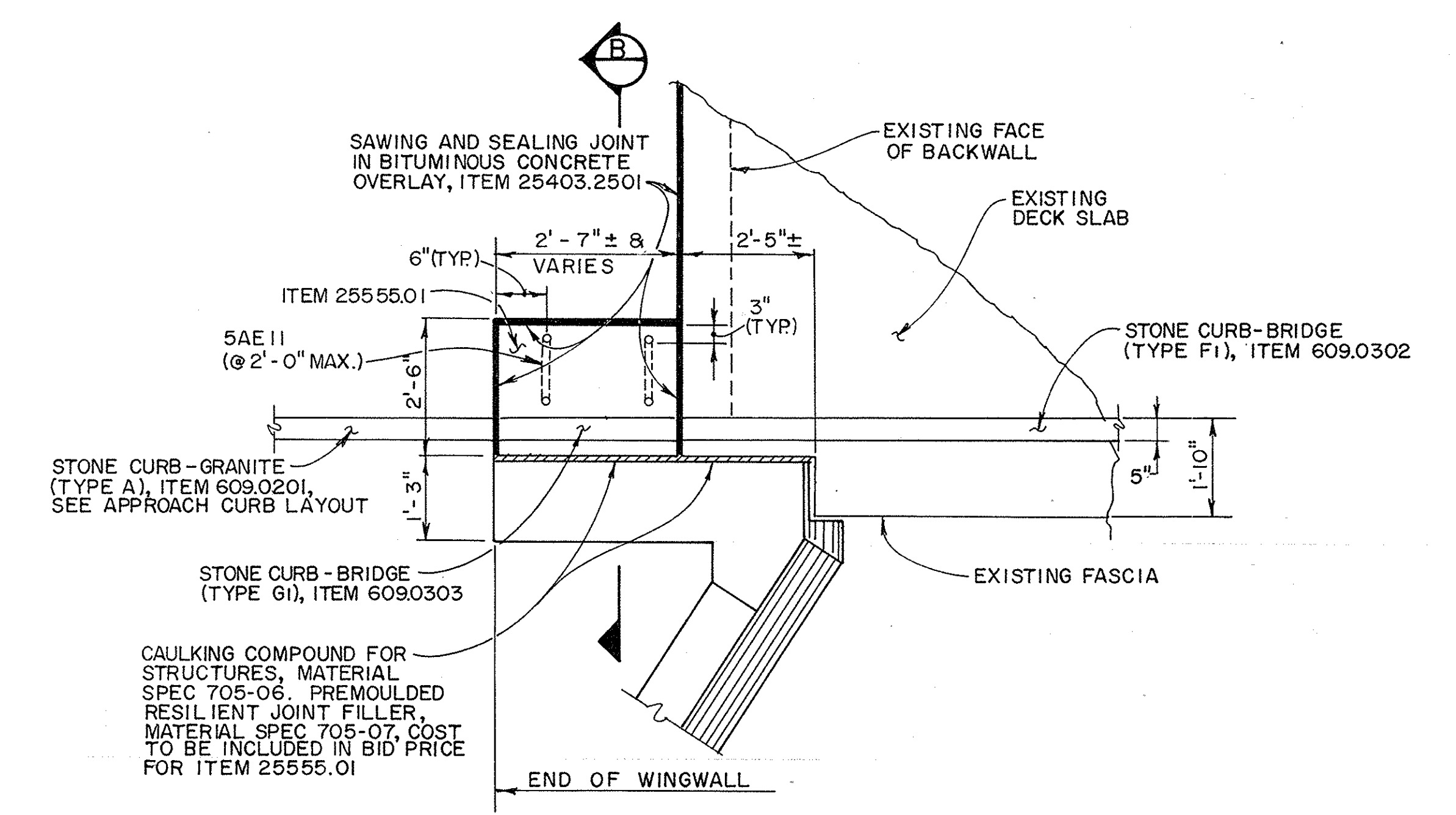
SECTION A EXISTING

NOTE A:
THE CONTRACTOR SHALL APPLY A MORTAR LEVELING COURSE, (MATERIAL SPEC 701-04) TO THE TOP OF THE WINGWALLS. CRACKED WINGWALLS WITHIN 1' OF ANY PROPOSED ANCHORAGE SHALL BE REMOVED A.O.B.E. AND REPLACED WITH MATERIAL SPEC 701-04. THE COST OF LEVELING AND SEALING THE TOP OF THE WINGWALLS WITH THE MORTAR SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 25580.52

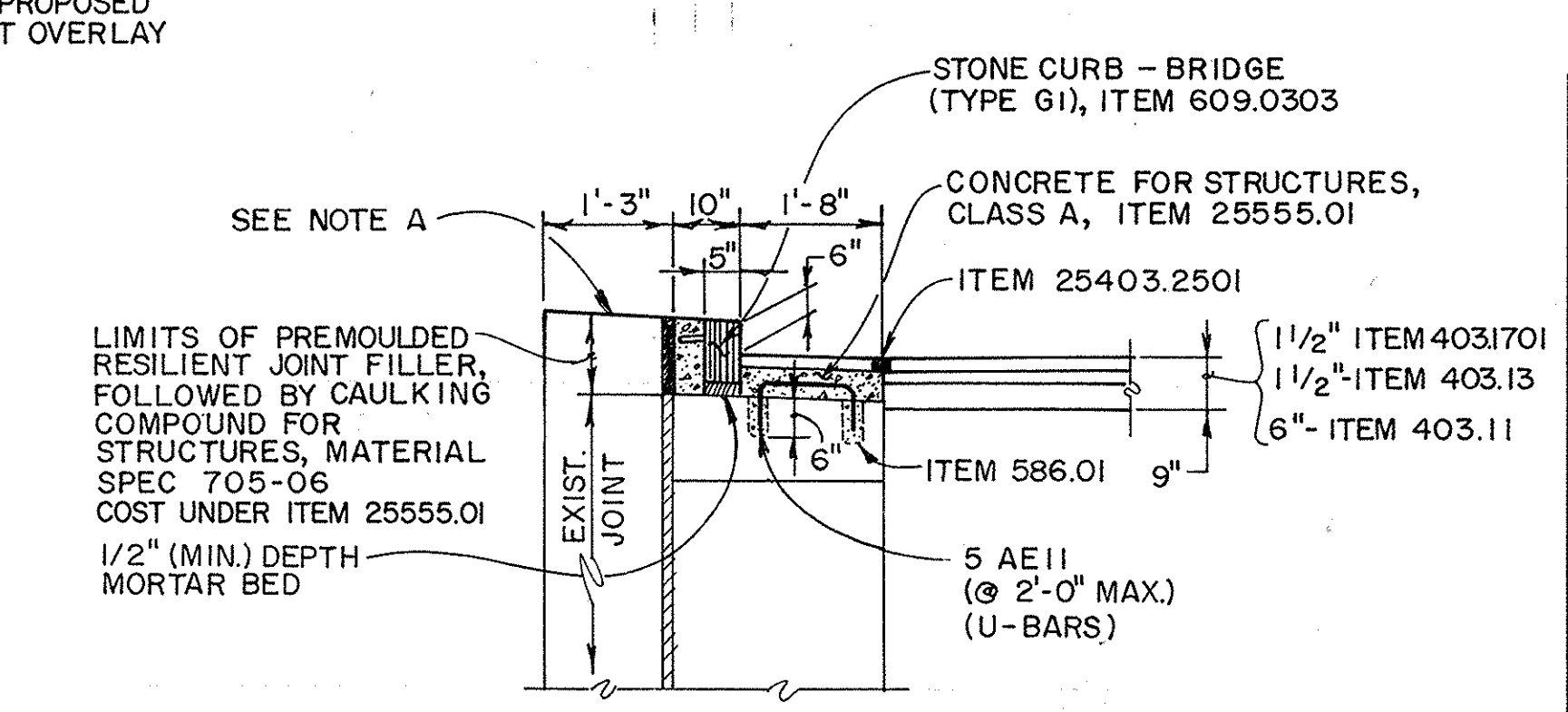
CURB DETAIL AT WINGWALL
NTS



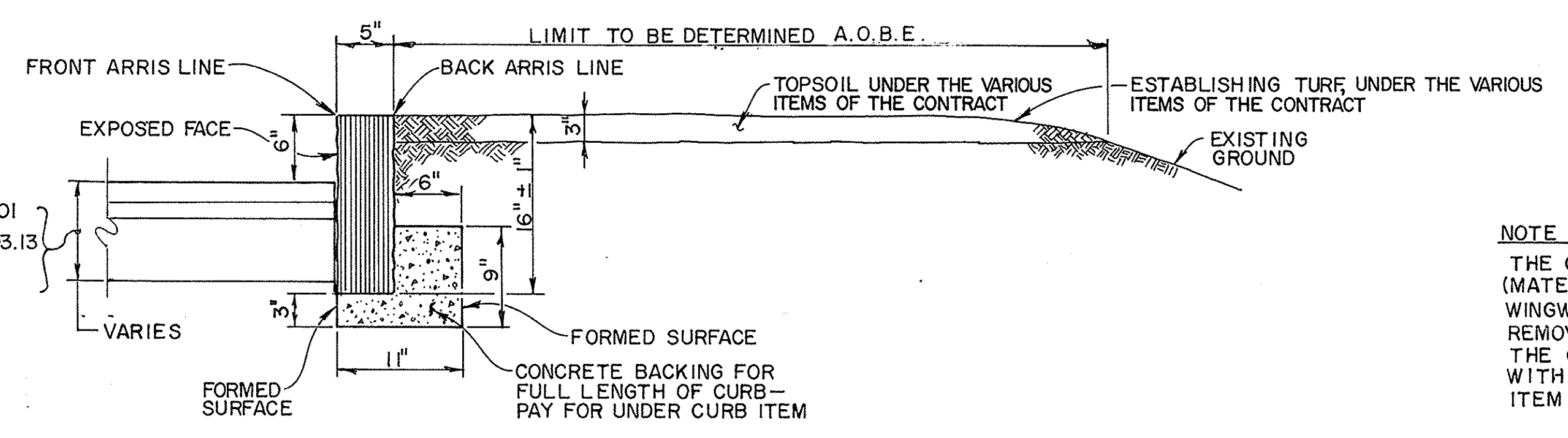
APPROACH CURB LAYOUT
NTS



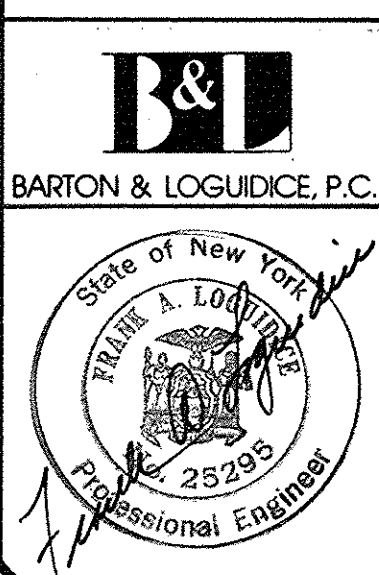
PLAN PROPOSED



SECTION B PROPOSED



(ITEM 609.0201)
SAWED OR HAMMERED TOP, QUARRY SPLIT FACE
DETAIL OF STONE CURB - TYPE A
NTS
(NON-MOUNTABLE) (GRANITE REQUIRED)



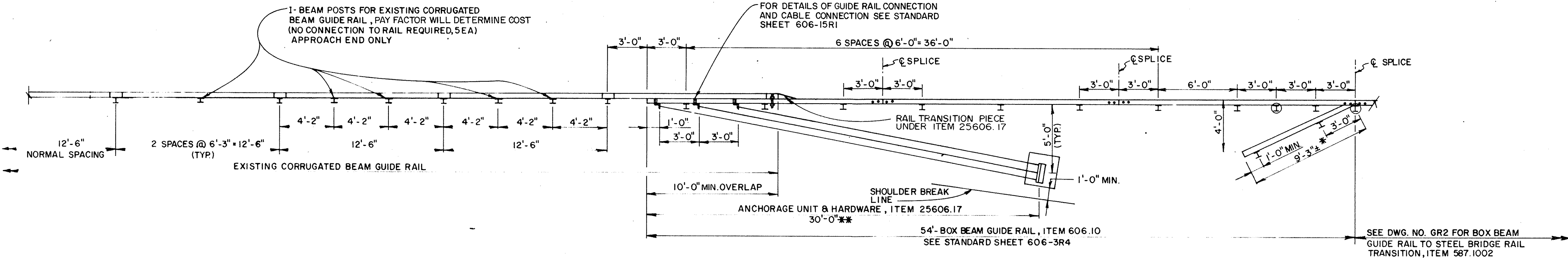
No REVISIONS		Bas	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING MISCELLANEOUS CURB DETAILS			
CONTRACT NUMBER: TAS92-748		DATE: SEPT., 1992	
DRAWING NUMBER: MIS-4			

CHECKED BY: Thomas C. Hall

DRAWN BY: M.E. Vannoy

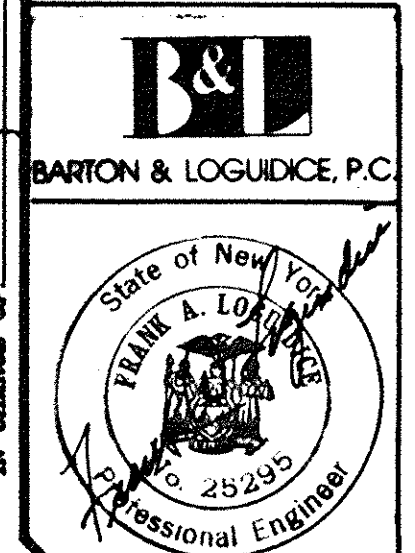
DESIGNED BY: P. A. Pappas

IN CHARGE OF: W. Paul Gaudel



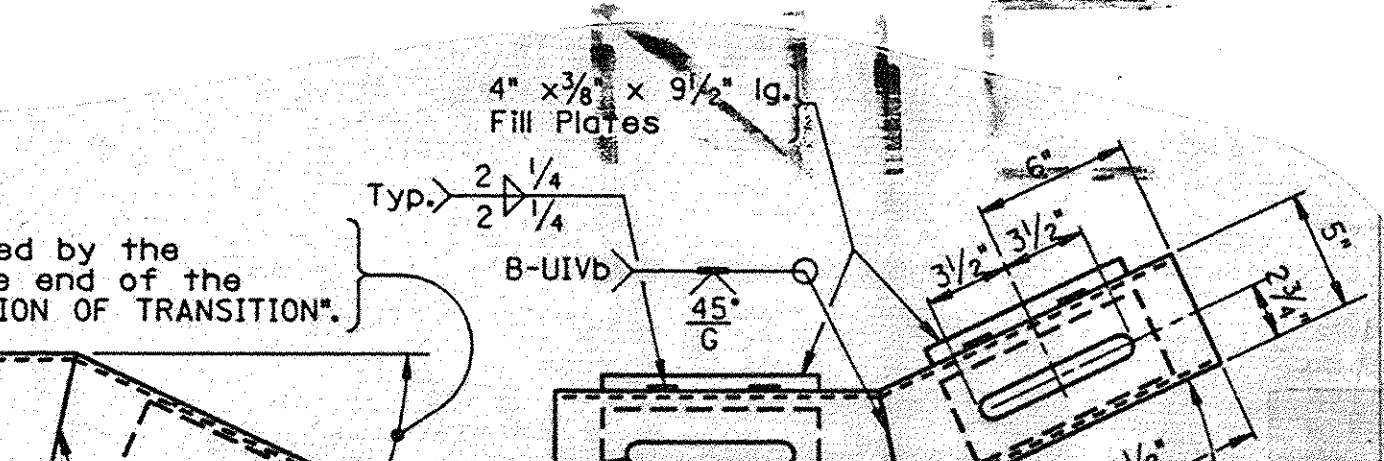
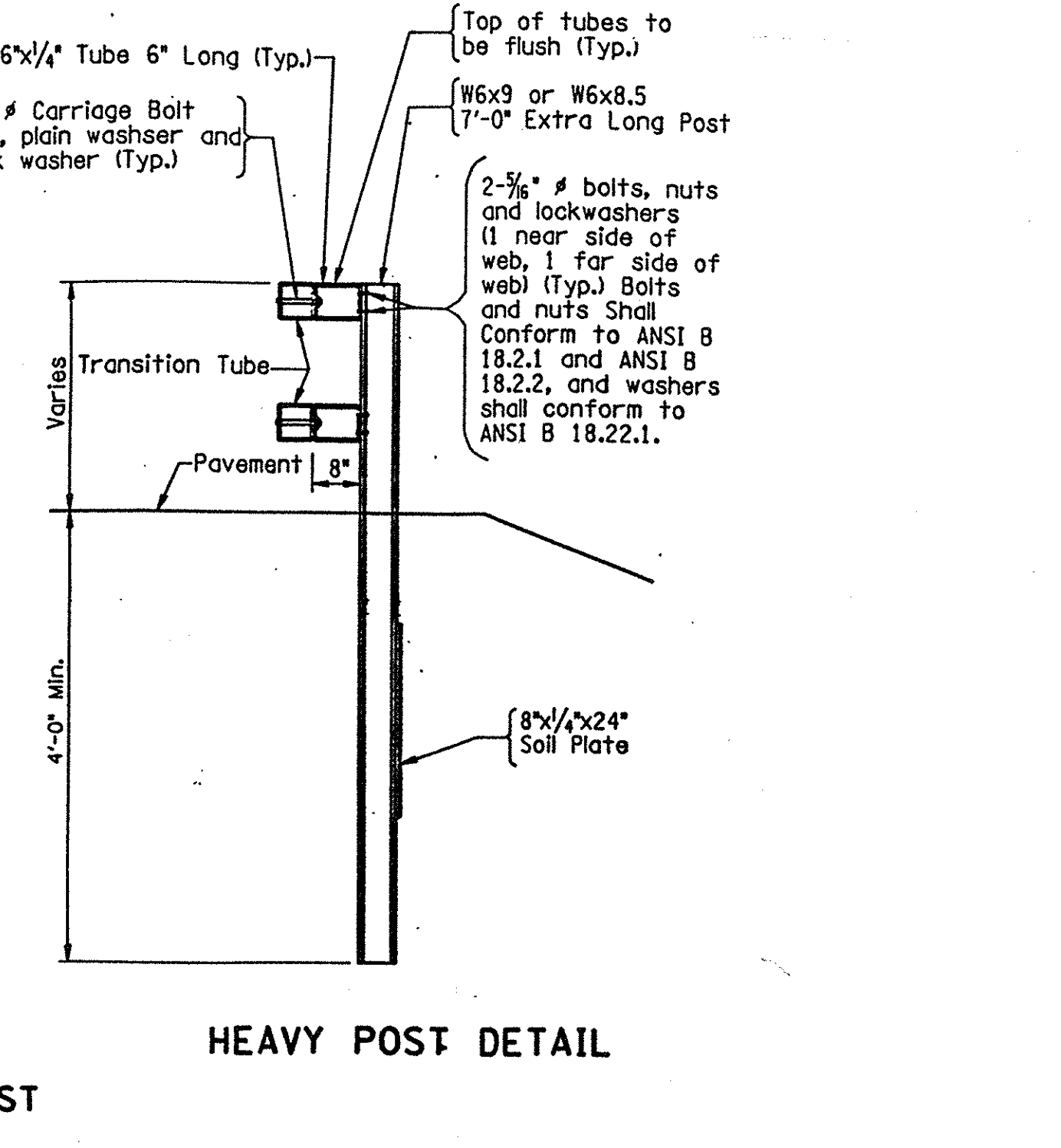
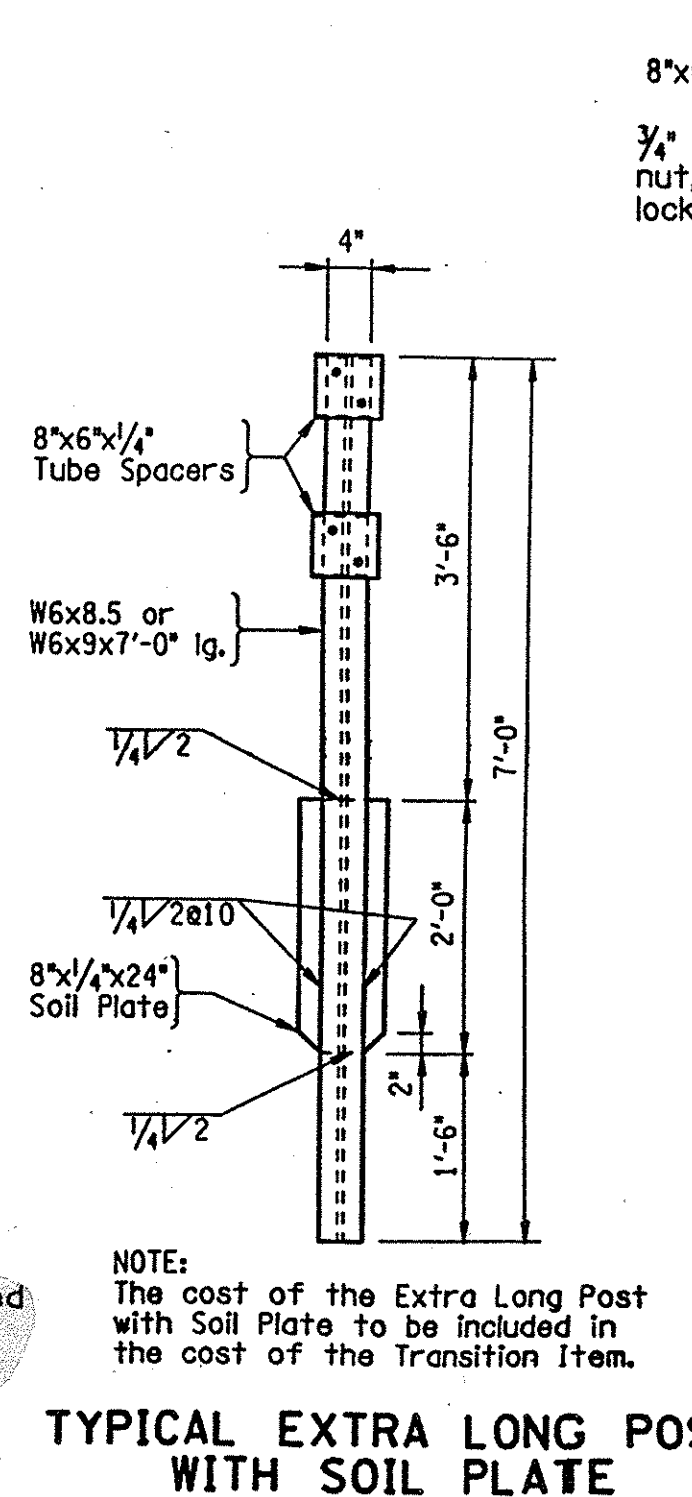
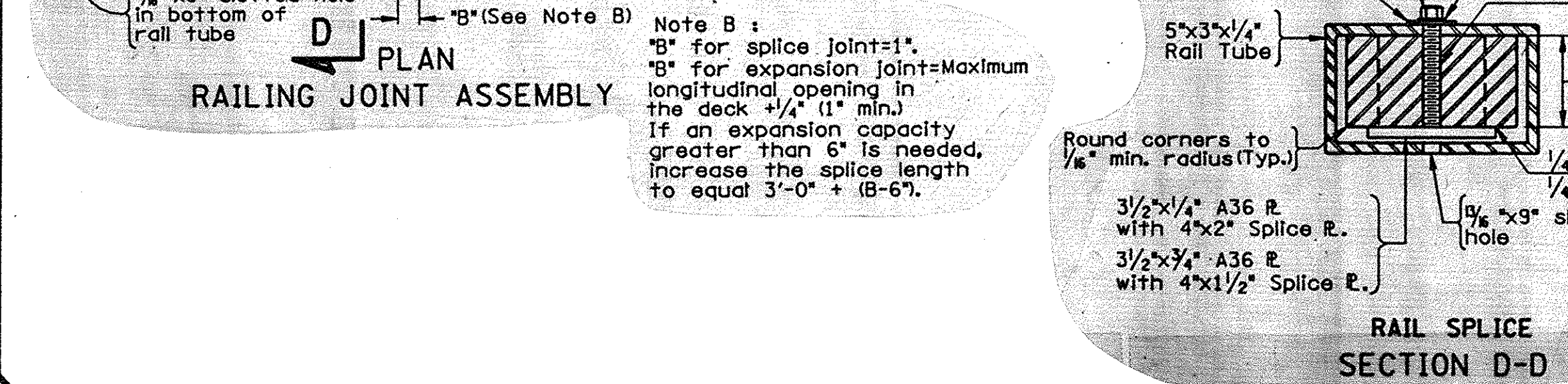
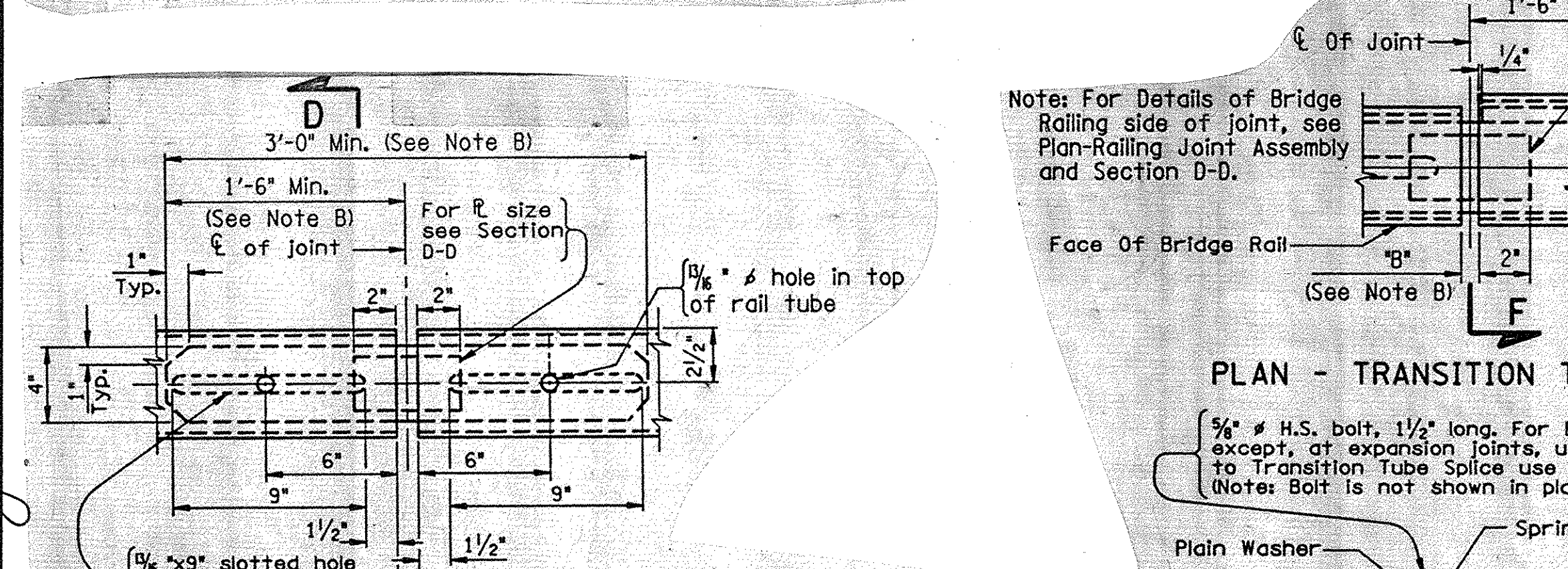
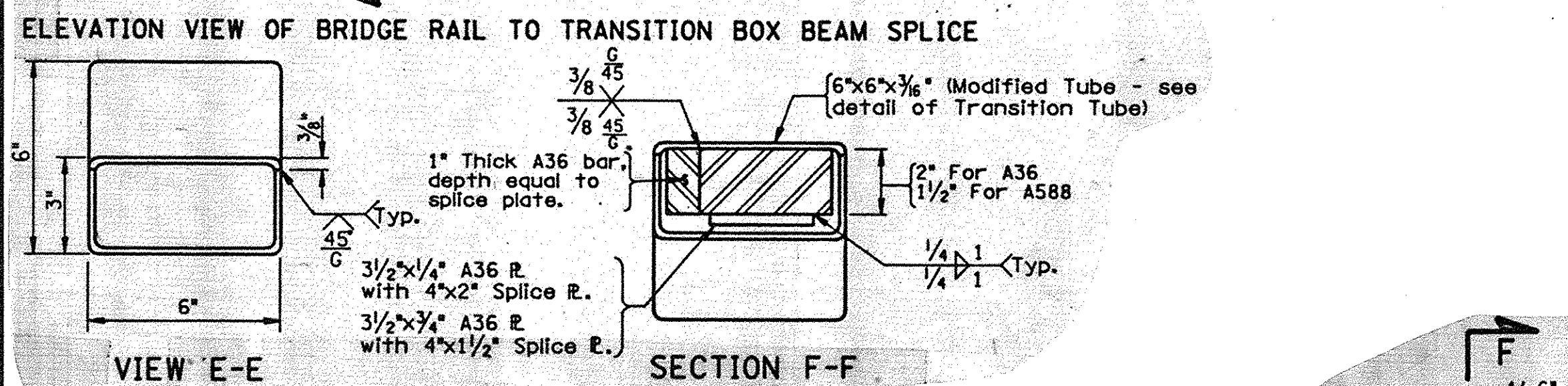
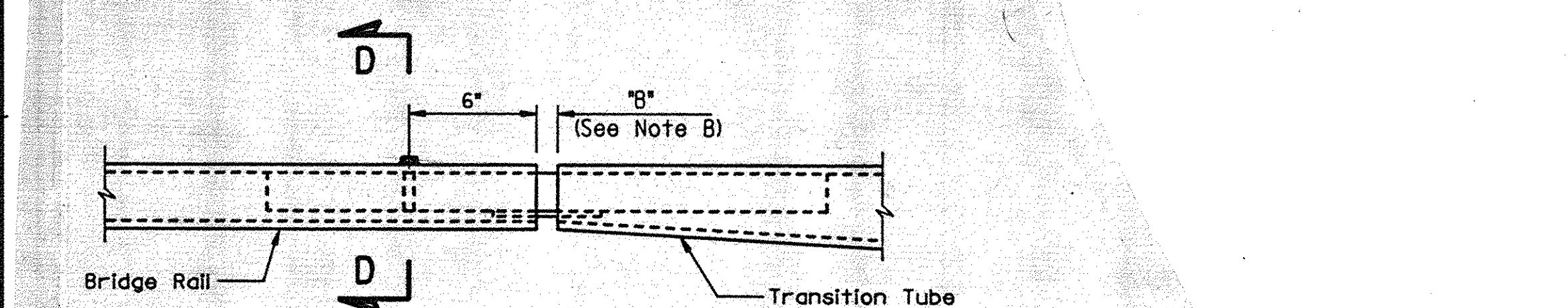
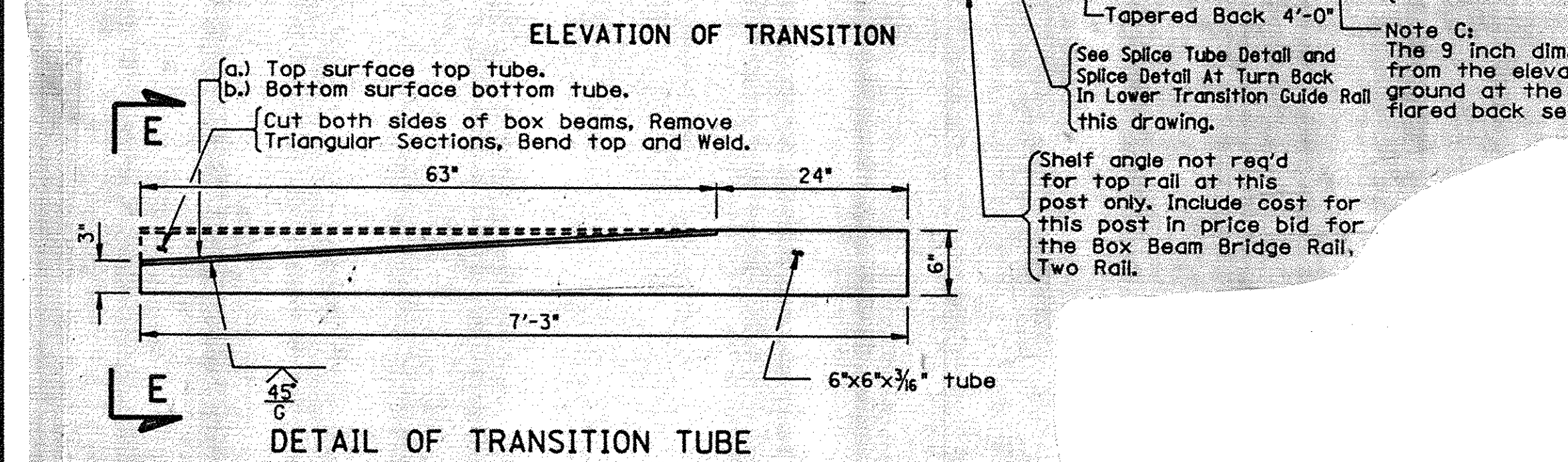
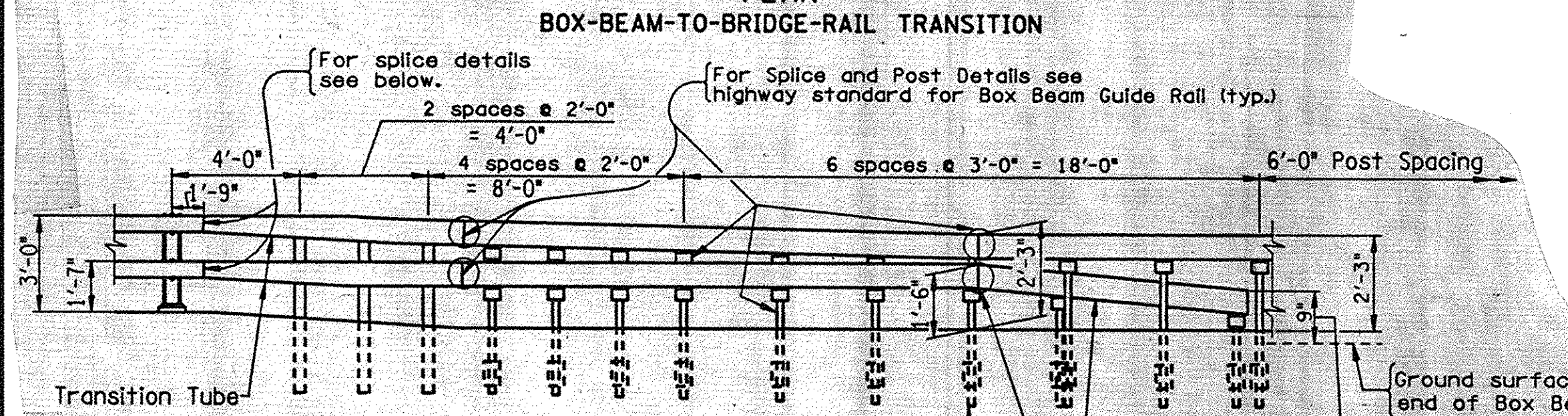
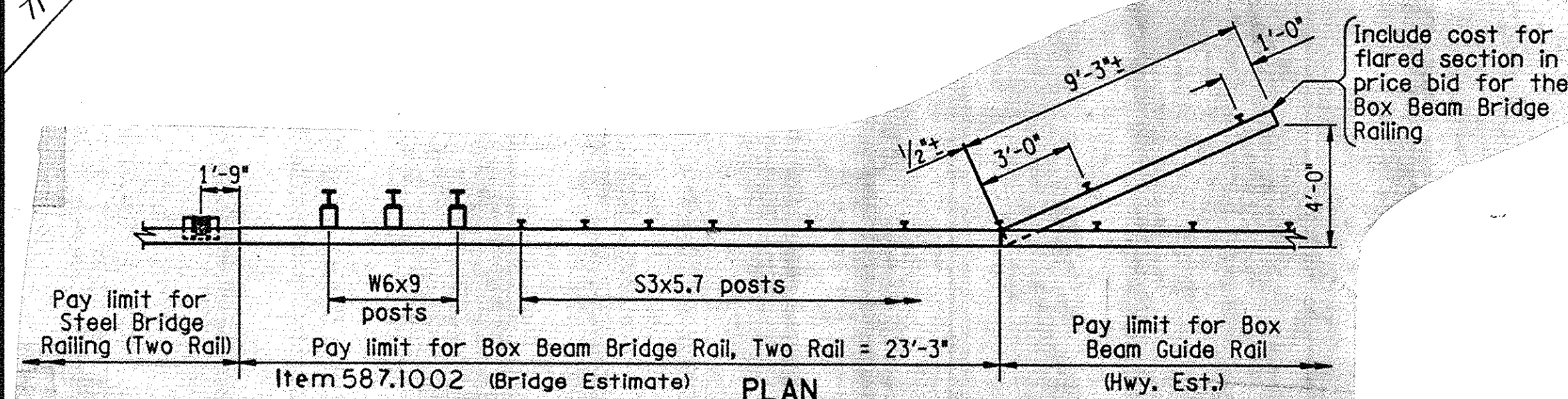
TRANSITION OF TWO RAIL BRIDGE RAIL TO CORRUGATED BEAM GUIDE RAILING
N.T.S.

- Ⓜ THESE ARE BACKUP POSTS AND WILL NOT REQUIRE 5" x 3 1/2" x 3/8" SHELF ANGLE, COST TO BE INCLUDED IN ITEM 587.1002
- * INCLUDE COST FOR FLARED SECTION IN PRICE BID FOR THE BOX BEAM BRIDGE RAILING, ITEM 587.1002
- ** SEE STANDARD SHEETS 606-1R2 AND 606-2R2, ITEM 25606.17 SHALL CONSIST OF THE CONCRETE ANCHOR, CABLES, ANGLES, COVER PLATE AND NECESSARY HARDWARE.



NO REVISIONS				Bak			
DATE				DESCRIPTION			
BY				SYM.			
REVISIONS							
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12208							
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL AND OVERLAY							
LOCATION OF PROJECT M.P. 208.35 TO MP 260.58							
TITLE OF DRAWING GUIDE RAIL TRANSITION AND DETAIL							
				CONTRACT NUMBER: TAS 92 - 74B			
				DATE: SEPT., 1992			
				DRAWING NUMBER: GRD-1			

IN CHARGE OF: *Robert J. Kennedy*
 DESIGNED BY: *Thomas C. Reed*
 DRAFTED BY: *John H. Brown*
 CHECKED BY: *W. Paul Gable*



- NOTES:**
- 1) ALL RAILING IS TO BE FABRICATED AND ERRECTED SO THAT THE RAILS ARE PARALLEL TO EACH OTHER AND THE POSTS ARE TRULY VERTICAL.
 - 2) TUBULAR STEEL RAILS, NUTS AND WASHERS, POST SPACERS, RAILING JOINT ASSEMBLIES AND ANY NECESSARY SHIMS SHALL BE PAID FOR UNDER ITEM 587.1002.
 - 3) MATERIALS USED IN THE MANUFACTURE OF THIS RAILING SHALL CONFORM TO THE REQUIREMENTS AND/OR SPECIFICATIONS LISTED BELOW:
 RAIL TUBES - ASTM DESIGNATION A500, GRADE B
 RAIL SPLICES - ASTM DESIGNATION A36, A588 AND A572, GRADE B
 TUBULAR RAIL SPLICES - ASTM DESIGNATION A500, GRADE B
 SPLICE PLATES - ASTM DESIGNATION A36
 POST CONNECTION PLATE - ASTM DESIGNATION A36 OR AISI DESIGNATION 1020
 SPLICE BOLTS, NUTS AND WASHERS - ASTM DESIGNATION A325
 PLATE SHIMS - ASTM A36
 END CAP - ASTM DESIGNATION A36
 S3 x 5.7 POSTS - ASTM DESIGNATION A36
 W6 x 9 POSTS - ASTM DESIGNATION A36
 GALVANIZED RAILING - ALL COMPONENTS OF THE RAILING, INCLUDING NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH MATERIAL SPECIFICATION 719-01
 - 4) ALL BOLTS SHALL HAVE A CLASS 2A THREAD FIT PRIOR TO GALVANIZING.
 - 5) UNLESS COVERED BY OTHER SPECIFICATIONS, ALL DIMENSIONS RELATED TO THE STEEL RAILING SHALL HAVE A TOLERANCE OF 1/16".
 - 6) IF THE END OF THE BOLTS CONNECTING THE CLAMP TO THE POST CONNECTION PLATE BEAR AGAINST THE TUBE WHEN IN THE FINAL POSITION, ADDITIONAL PLAIN WASHERS SHALL BE ADDED TO PREVENT THE END OF THE BOLT FROM BEARING AGAINST THE TUBE.
 - 7) FOR ADDITIONAL MATERIAL AND CONSTRUCTION DETAILS SEE SPECIFICATIONS FOR BRIDGE RAILING RECONSTRUCTION - SECTION 587 AND GUIDE RAILING - SECTION 606.

No. Revisions			
Bal			
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING RAILING TRANSITION & DETAILS			
CONTRACT NUMBER: TAS 92-74B			
DATE: SEPT, 1992			
DRAWING NUMBER: GRD-2			

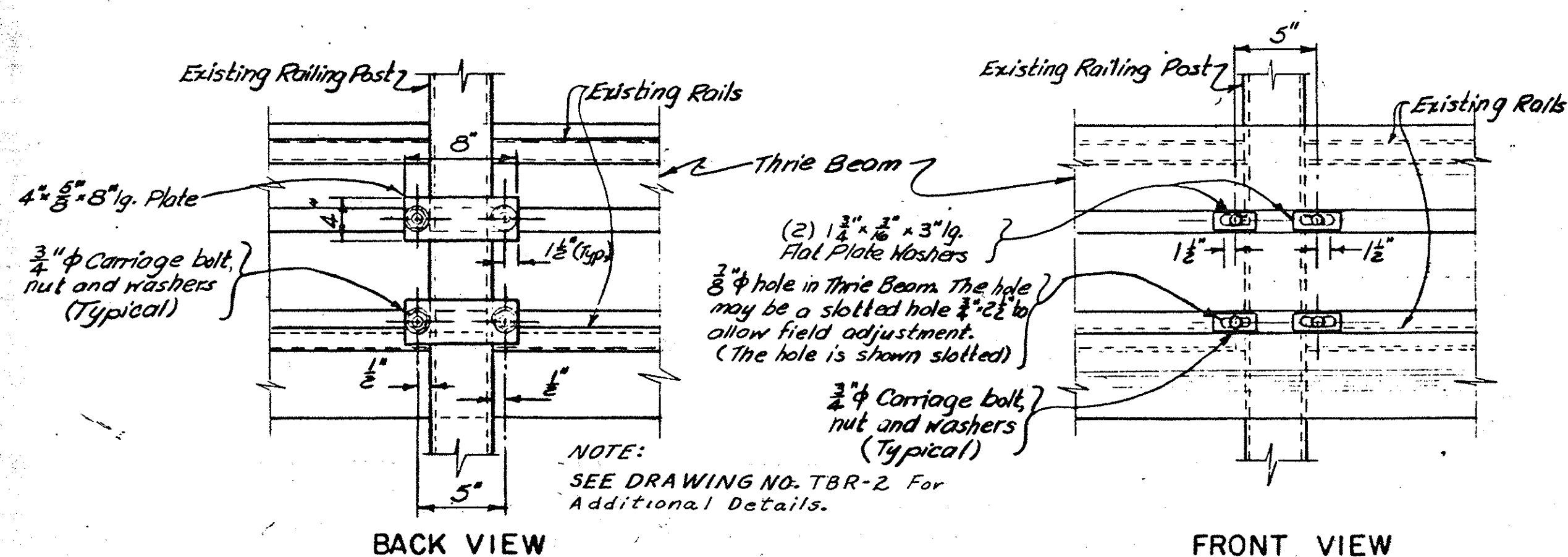
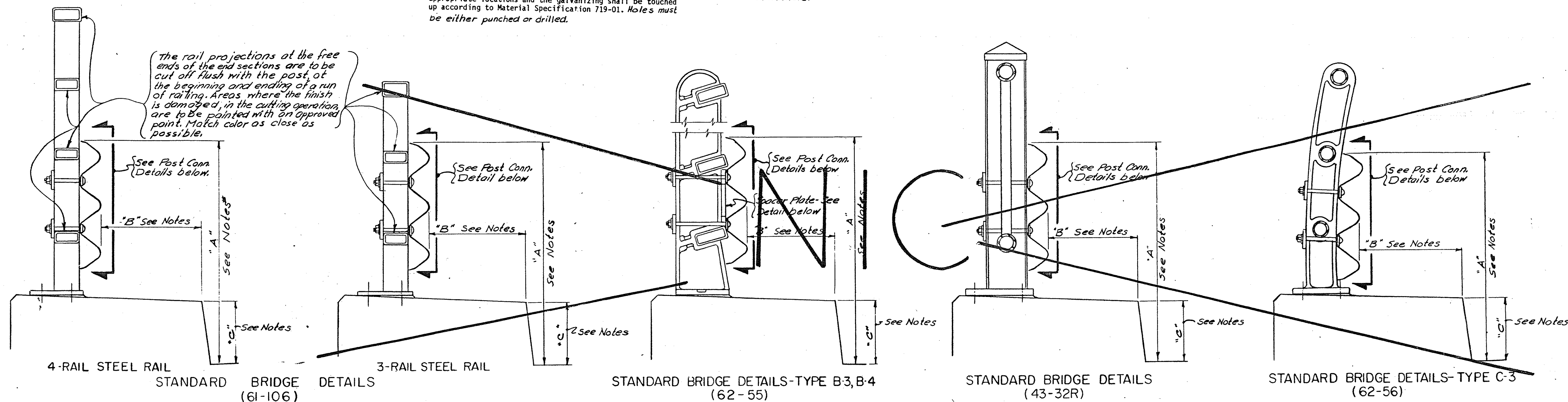
NOTES

1. All Thrie Beam sections shall be 10 gage.
2. All Thrie Beam sections shall be in conformance with Material Specification 710-20.
3. All components of the Thrie Beam upgrading system are to be galvanized in accordance with Material Specification 719-01 after fabrication.
4. When highway posts occur where there are no holes in the standard thrie beam section, holes shall be made in the appropriate locations and the galvanizing shall be touched up according to Material Specification 719-01. Holes must be either punched or drilled.

5. The Thrie Beam shall be connected to all posts.
6. After all concrete anchor stud nuts have been placed and tightened to the satisfaction of the Engineer, the studs shall be flame cut-off one inch above the nut and the first thread above the nut shall be damaged as ordered by the Engineer.
7. The Thrie Beam shall have an expansion joint at every location that the bridge has an expansion joint.
8. All nuts shall either be tack welded in place (galvanizing repaired in accordance with specification 719-01) or have lock washers.

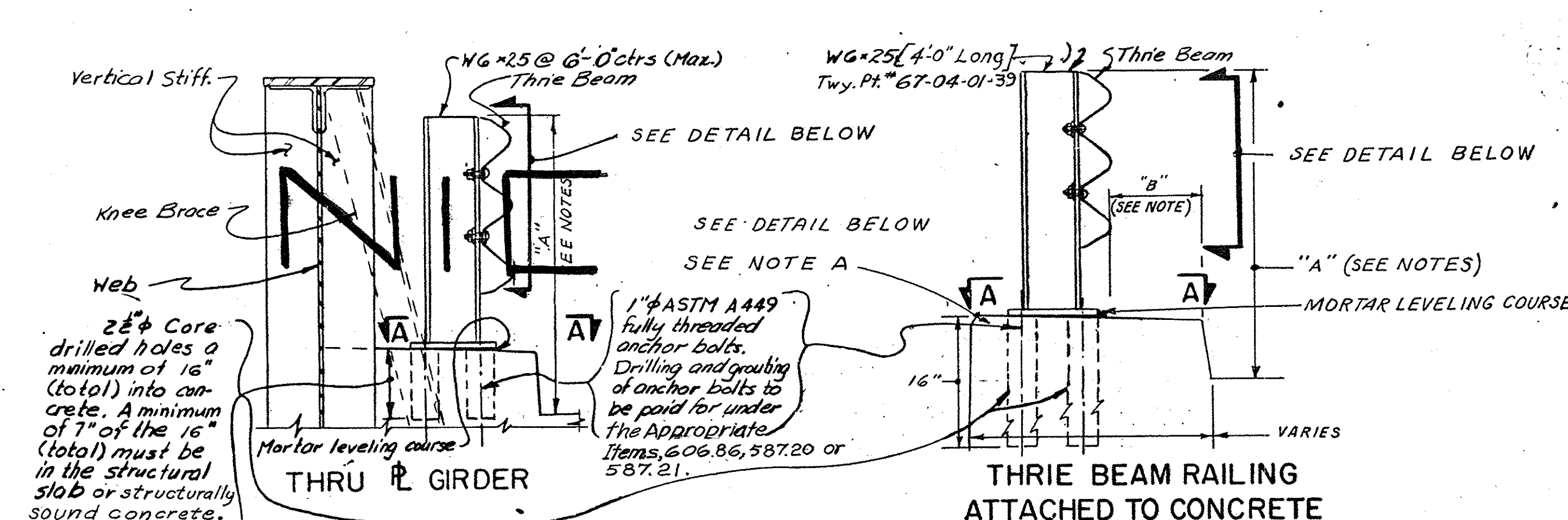
9. Where dimension "B" is less than or equal to 3'-0" dimension "A" should be 2'-9". If necessary dimension "A" may be decreased to 2'-7" or increased to 2'-10" to avoid connection difficulties involving rails on existing systems. When dimension "B" exceeds 3'-0" and the thrie beam cannot be located near the curb as shown in detail titled THRU GIRDER WITH FLANGE LOWER THAN RAIL other details will be necessary. In some cases it may be necessary to use 2 thrie beam sections. These details can be obtained from the Special Design Unit of the Structures Division.
10. If dimension "C" is greater than 11", contact the D.C.E.S. for alternate details.

FED. RD. REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
	NEW YORK		72	79
CAPITAL PROJECT IDENTIFICATION NO.				

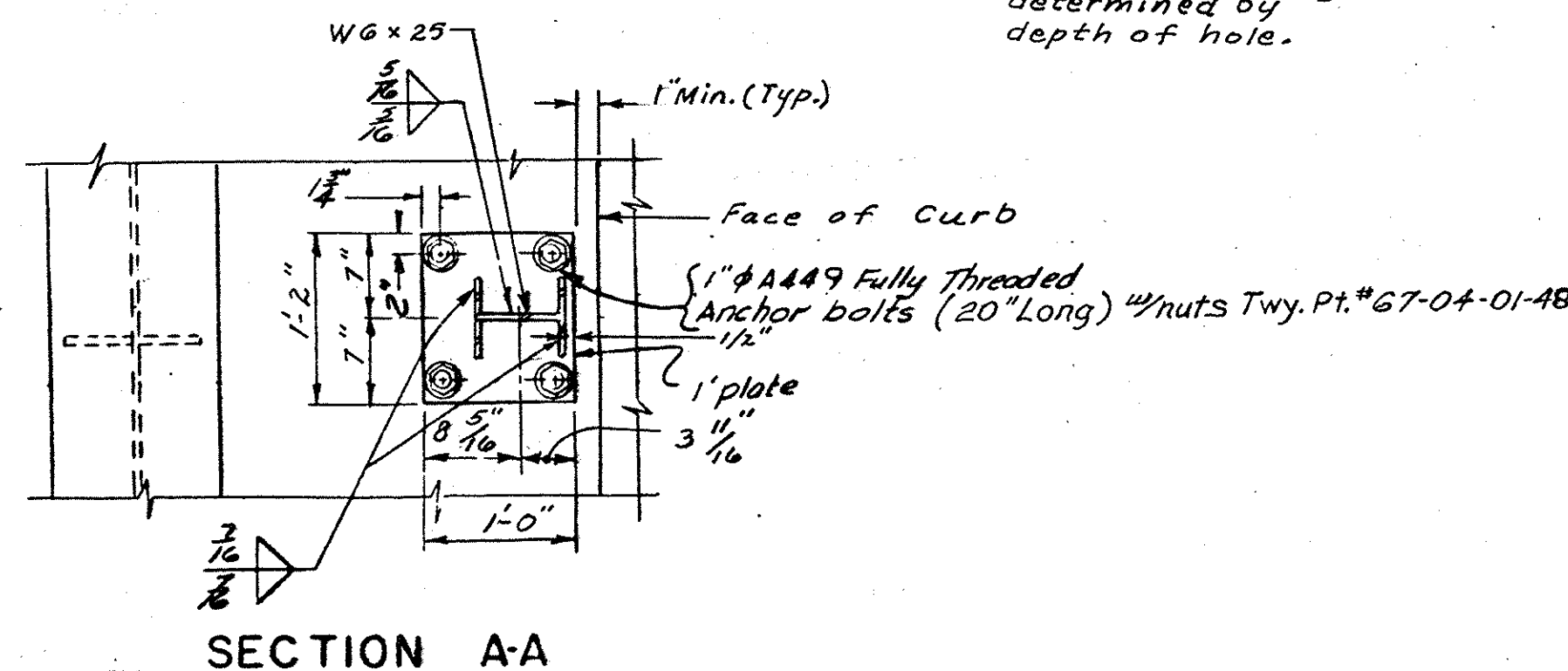
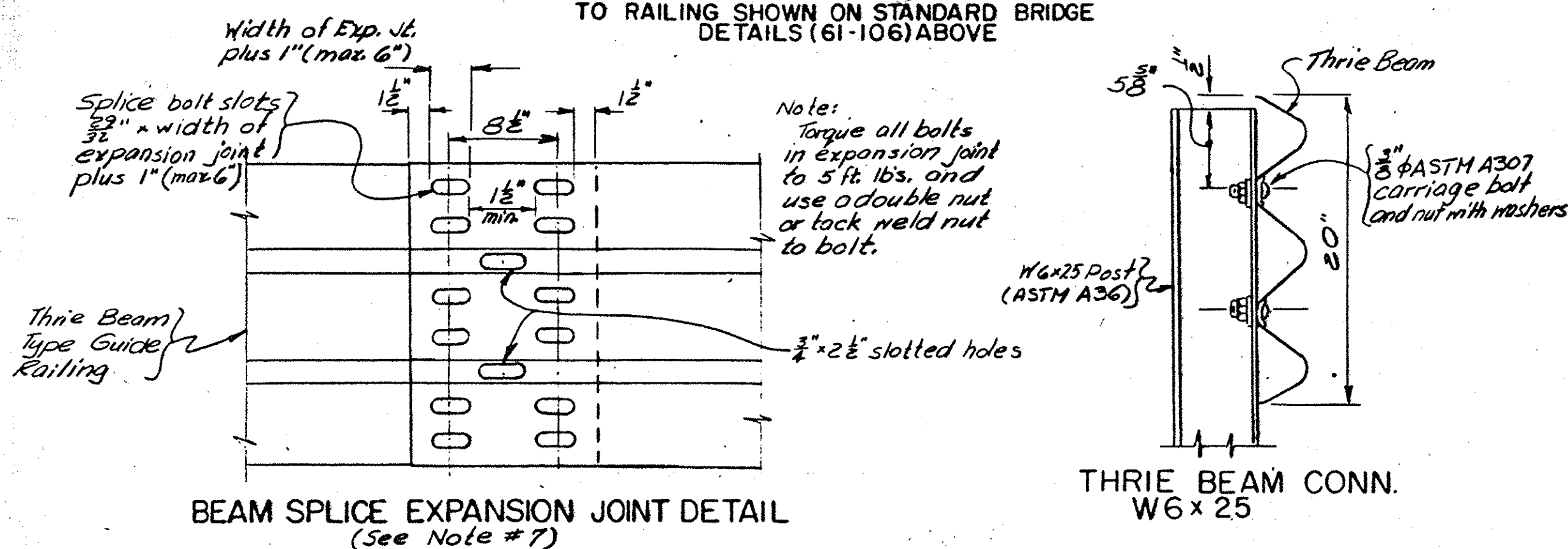


POST CONNECTION DETAILS
DETAILS ARE DRAWN FOR CONNECTION
TO RAILING SHOWN ON STANDARD BRIDGE
DETAILS (61-106) ABOVE

SPACER PLATE FOR RAILING
TYPE B-3 B-4
(ABOVE)



NOTE (A) CRACKED WINGWALLS WITHIN 1' OF THE PROPOSED ANCHORAGE SHALL BE REMOVED A.O.B.E. AND REPLACED WITH GROUT MATERIAL AT THE SAME TIME THAT THE ANCHORS ARE GROUTED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE THRIE BEAM ITEM.



NEW YORK STATE THRUWAY AUTHORITY

DETAILS FOR ATTACHING THRIE BEAM
RAILING TO BRIDGE RAILING
(BRIDGE RAILING UPGRADING)

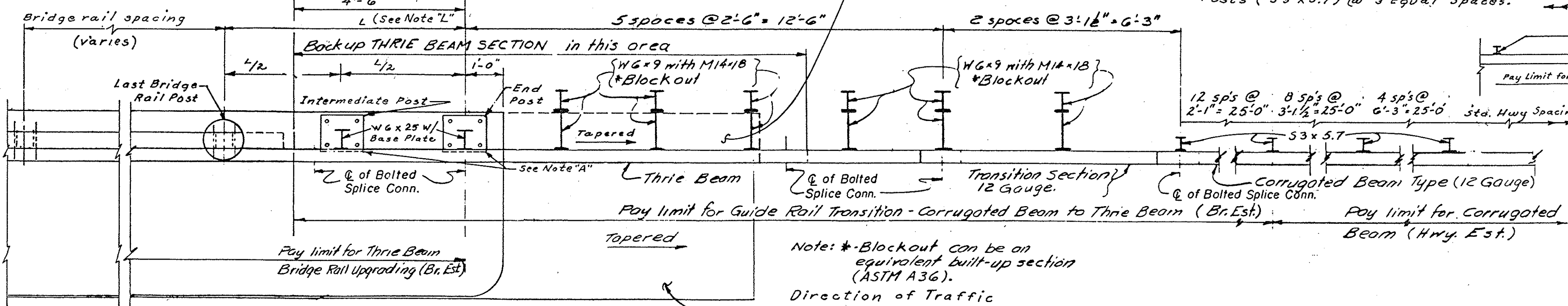
DRAWN BY:	CHECKED BY:	DRAWING NUMBER
DATE:	SEPT., 1992	TAS92-74B

REVISED BY TWY.
3/27/85
4/19/85 A.D.C.O.
12/18/85 L.G. 080

Note "L": 1. If $L < 6'-0"$ Install End Post only
2. If $L > 6'-0"$ and $< 12'-0"$ Install End Post and (1) Intermediate Post
3. If $L > 12'-0"$ Install End Post and Intermediate Posts in Equal Spaces not to Exceed $6'-0"$

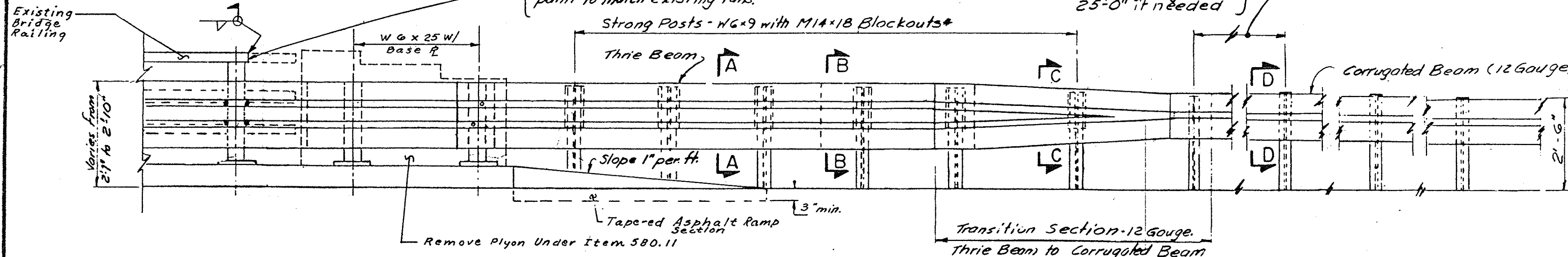
Tapered Asphalt Ramp Section
To Be Added 3" Min. Depth Use
Binder Course or A.O.B.E.

Note: (*)
If less than 2'-6" add one
Full Thrie Beam Section (12'-6"
Panel) with two intermediate
Posts (S3 x 5.7) @ 3 Equal Spaces.

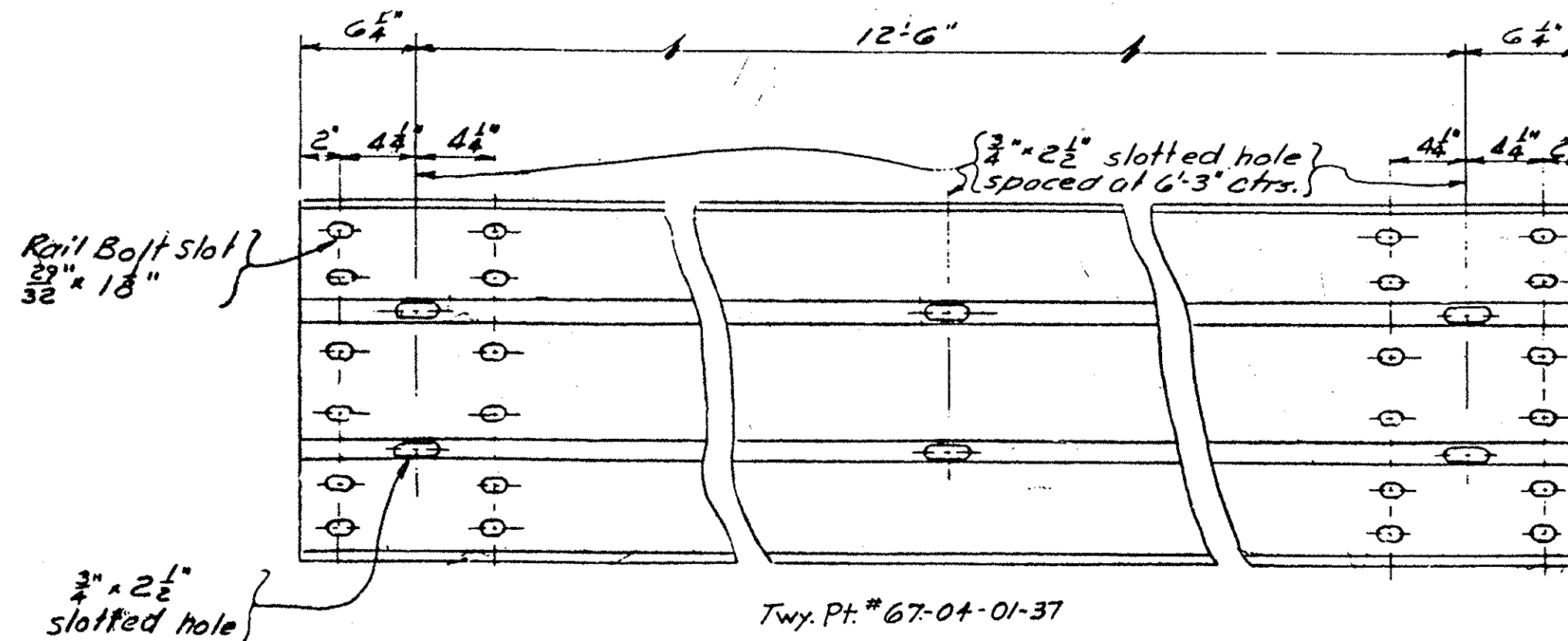


Tapered Asphalt ramp section to be added when
curbed sidewalk ends immediately off the
bridge in a vertical faced configuration.

Note "A" End Post and Intermediate Posts (If
Required) Shall be W6 x 25 (A36) Mounted
on Concrete. See Drawing TBR-1 For
Details. Cost Shall be Paid For Under
the Appropriate Items, 606.86, 587.20 or
587.21



ELEVATION VIEW
Scale: $\frac{1}{2}" = 1'-0"$



TYPICAL THRIE BEAM SECTION
Scale: $\frac{1}{2}" = 1'-0"$

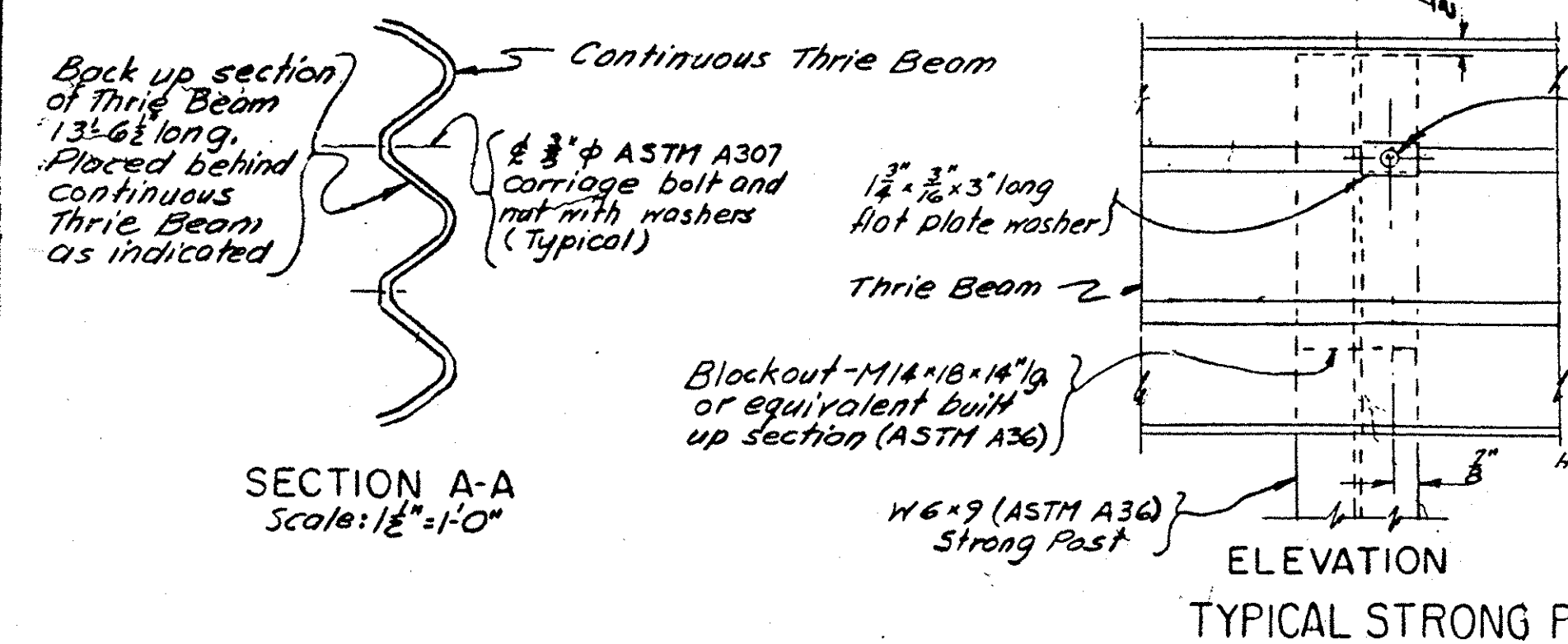
END VIEW OF TRANSITION
Scale: $\frac{1}{2}" = 1'-0"$

TRANSITION SECTION
Scale: $\frac{1}{2}" = 1'-0"$

END VIEW OF TRANSITION
Scale: $\frac{1}{2}" = 1'-0"$

(S3 x 5.7) FRONT ELEVATION
POST EMBEDMENT DETAILS

POST EMBEDMENT DETAILS
Note: If these embedment details are
inadequate for a given situation,
contact the Special Design Unit
of the Structures Division.

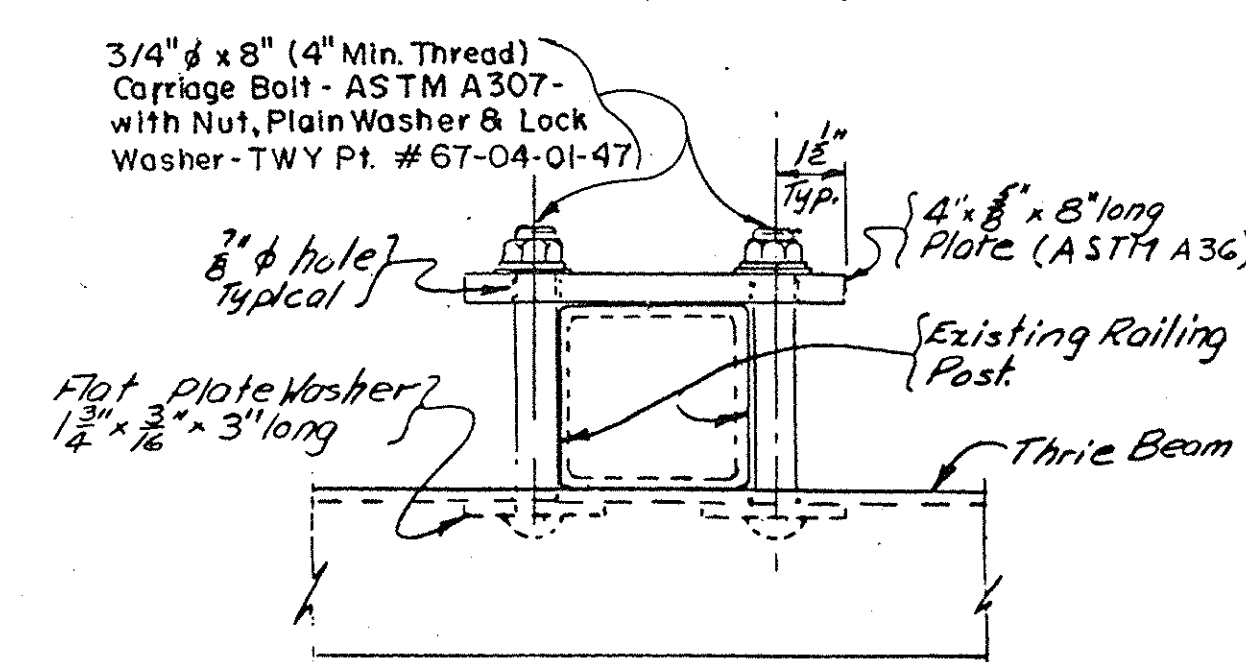


TYPICAL STRONG POST CONNECTION DETAILS

SECTION C-C
TRANSITION POST CONN. DET.

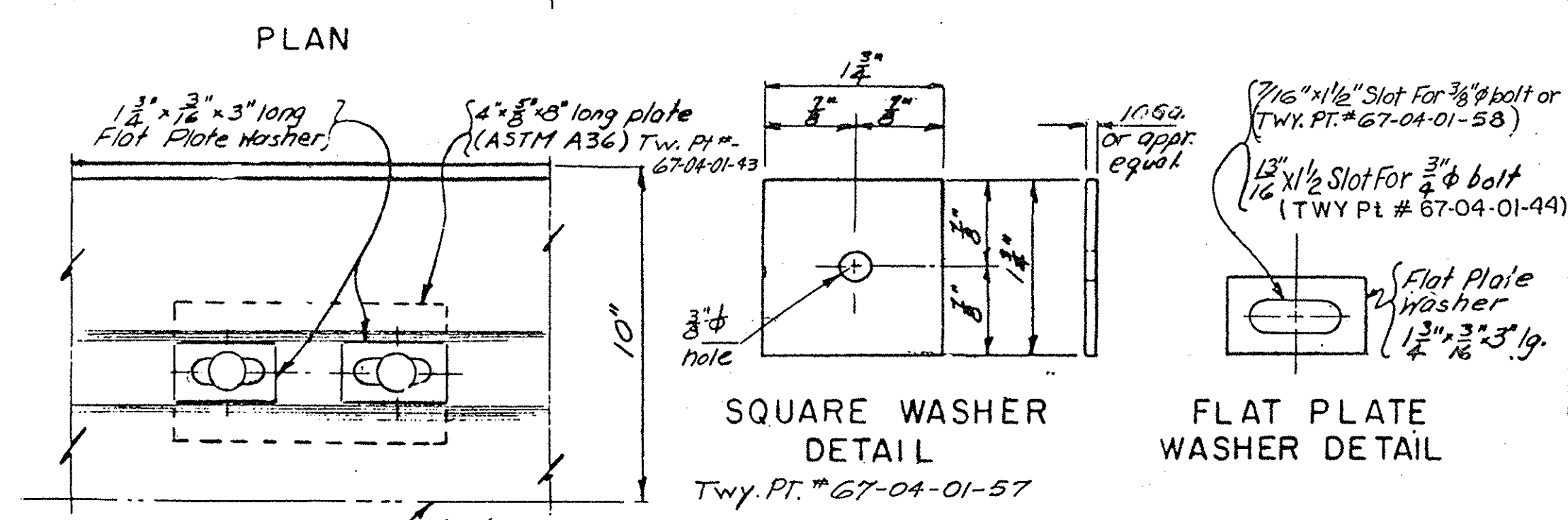
SECTION D-D
TYPICAL WEAK POST CONN. DETAIL

PLAN VIEW (OFF END)



NOTES:

1. All thrie beam sections shall be 10 gauge.
2. The transition section from corrugated beam to thrie beam shall be 12 gauge.
3. The material from which the thrie beam is fabricated shall conform to Material Specification 710-20.
4. All components of the thrie beam upgrading system shall be galvanized in accordance with Material Specification 719-01 after fabrication.
5. When bridge railing posts and/or highway posts occur where there are no holes in the standard thrie beam section, holes shall be drilled or punched in the appropriate locations and the galvanizing shall be repaired according to Material Specification 719-01.
6. The W6x8.5 shape is an acceptable alternative to the W6x9.

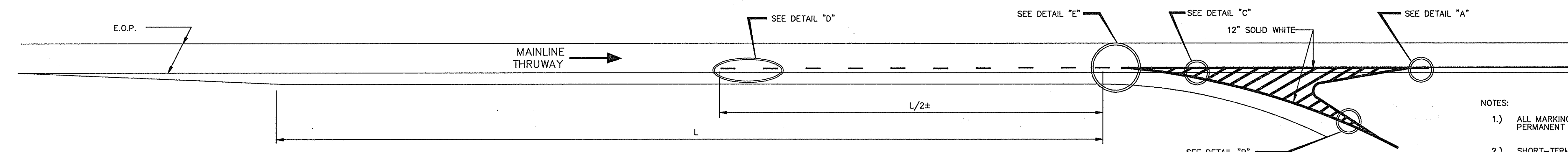


ELEVATION
ATTACHMENT DETAILS
Scale: $\frac{3}{4}" = 1'-0"$

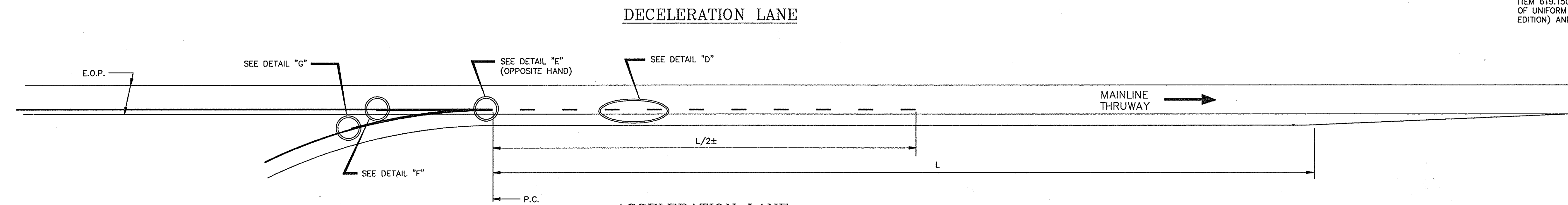
NEW YORK STATE THRUWAY AUTHORITY

TRANSITION FROM
THRIE BEAM BRIDGE RAILING UPGRADING
TO CORRUGATED BEAM TYPE
GUIDE RAILING

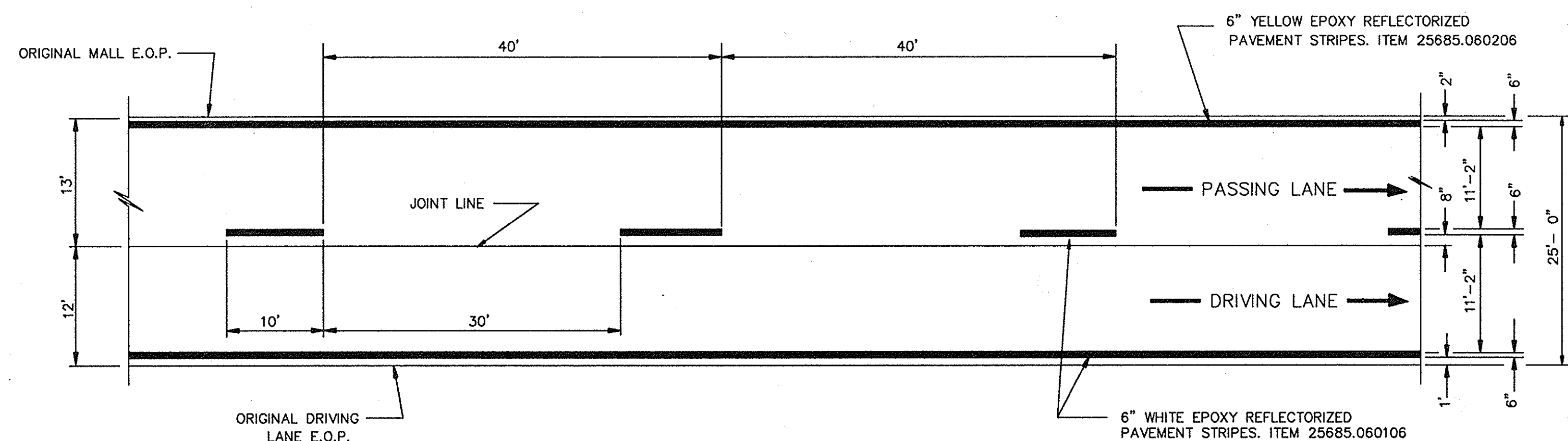
Revised By: TWY
3/27/85
4/19/85
12/18/85
3/2/87
4/21/87
2/24/88
Date: SEPT., 1992
Checked By: TAS 92-748
Drawing No. TBR-2



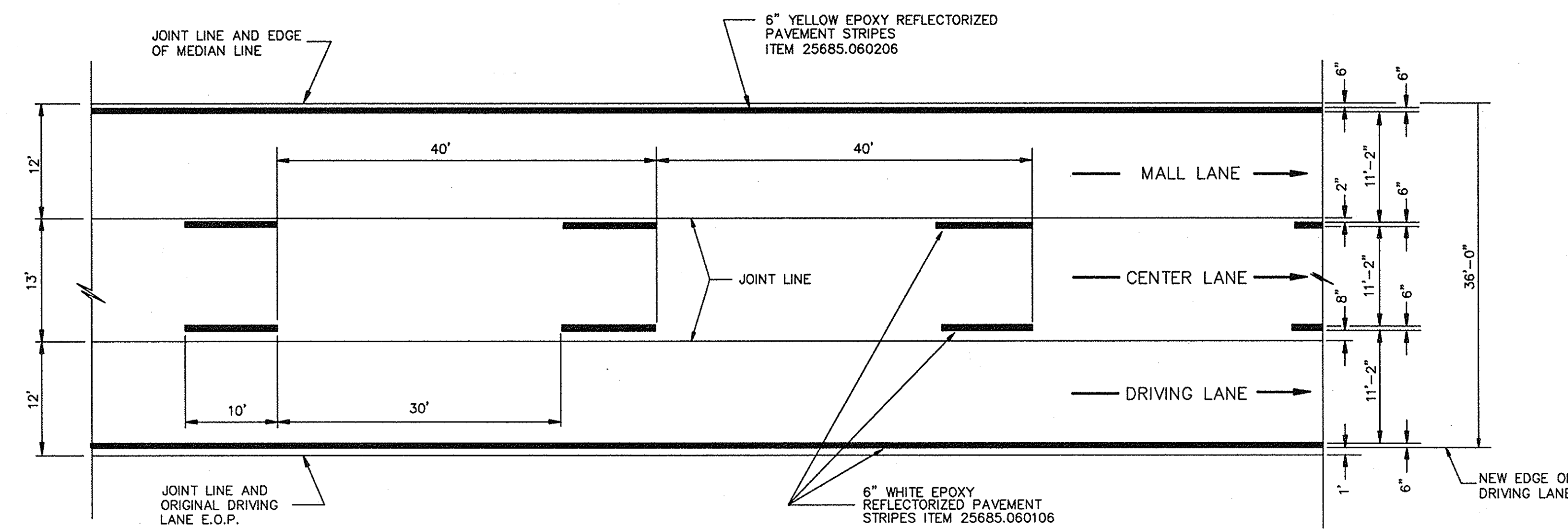
- NOTES:
- 1.) ALL MARKINGS SHOWN ON THIS DRAWING ARE FOR PERMANENT INSTALLATION ON FINISHED PAVEMENT.
 - 2.) SHORT-TERM MARKINGS SHALL BE APPLIED UNDER ITEM 619.1502 IN ACCORDANCE WITH THE N.Y.S. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION) AND E.T. 89-15.



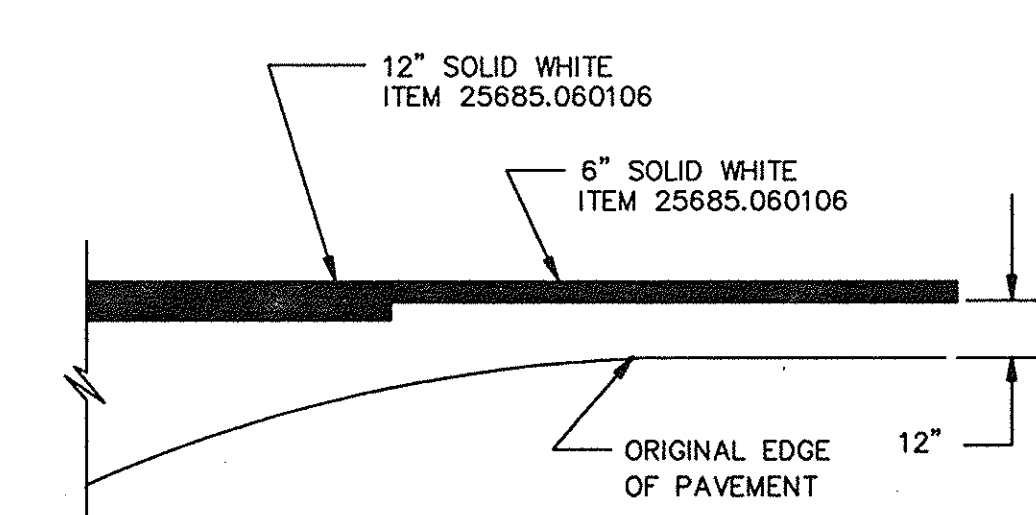
NOTE:
ALL STRIPING DETAILED ABOVE IS TO BE PAID FOR AS NOTED IN EACH DETAIL.



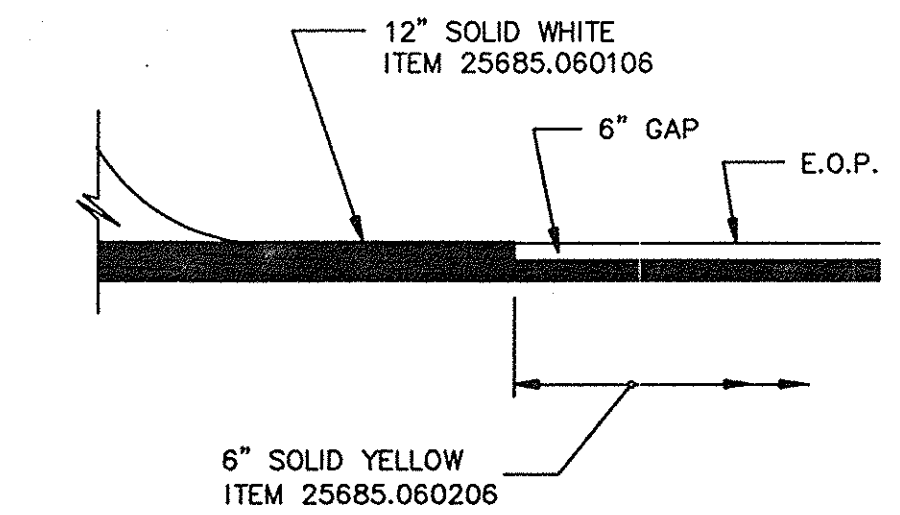
TYPICAL PLAN - REFLECTORIZED PAVEMENT MARKINGS
TWO LANE



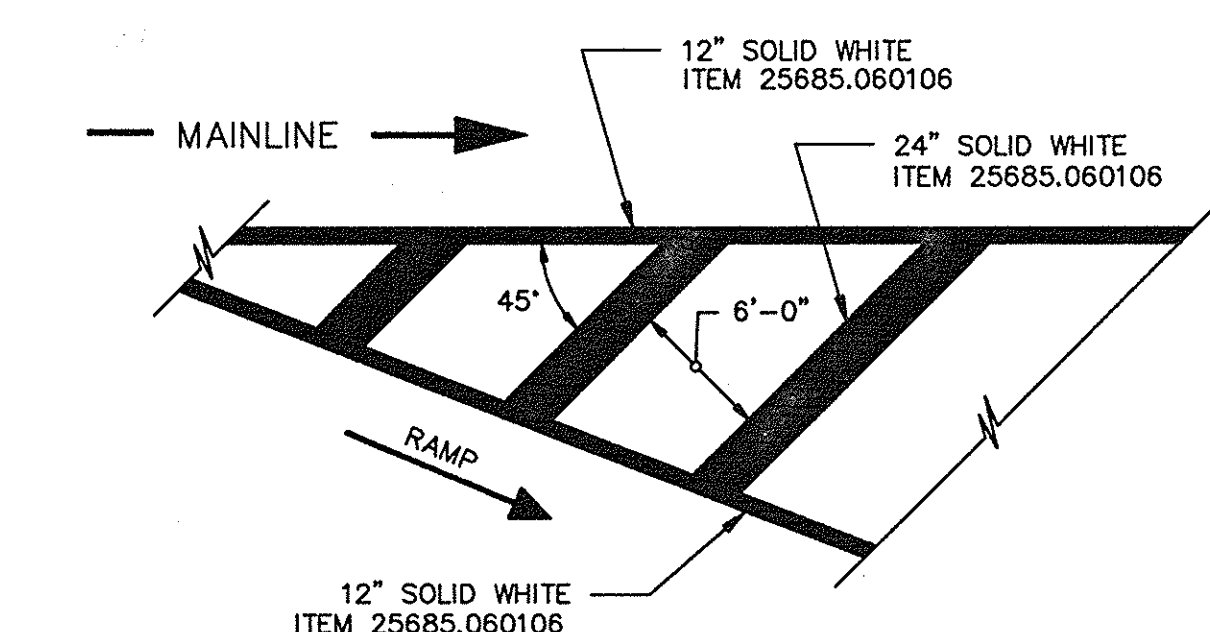
TYPICAL PLAN - REFLECTORIZED PAVEMENT MARKINGS
THREE LANE



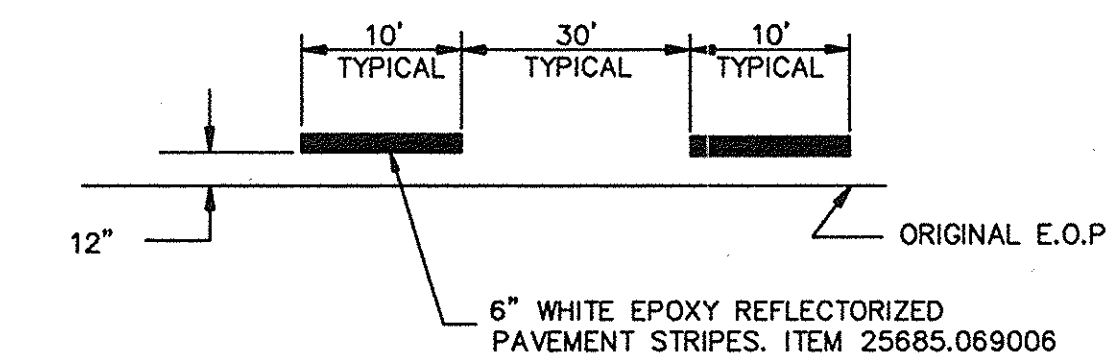
DETAIL "A"



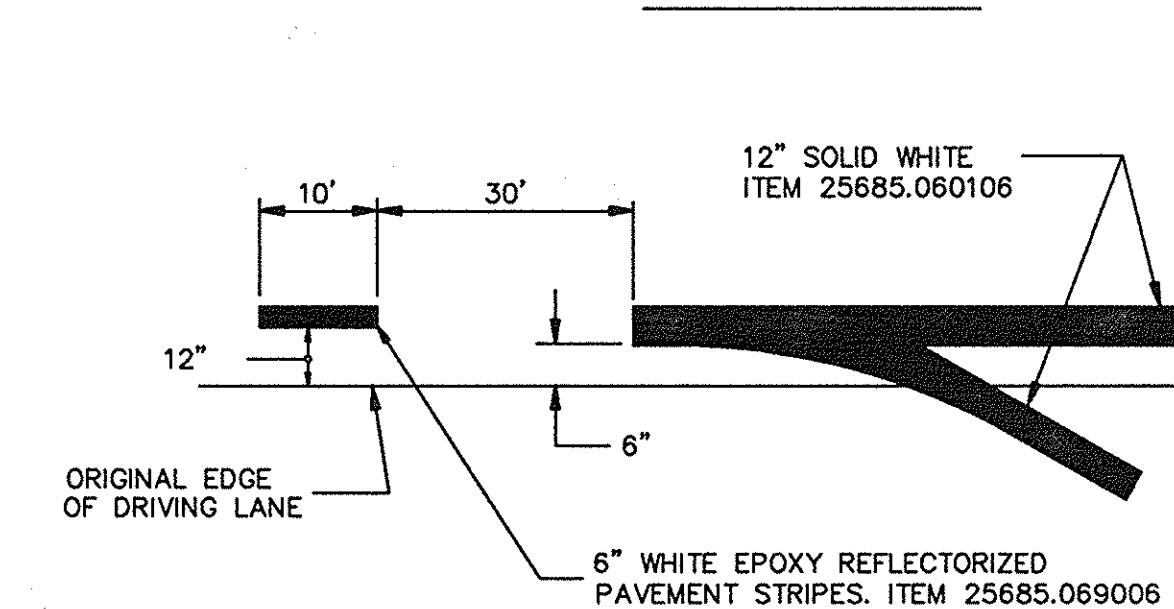
DETAIL "B"



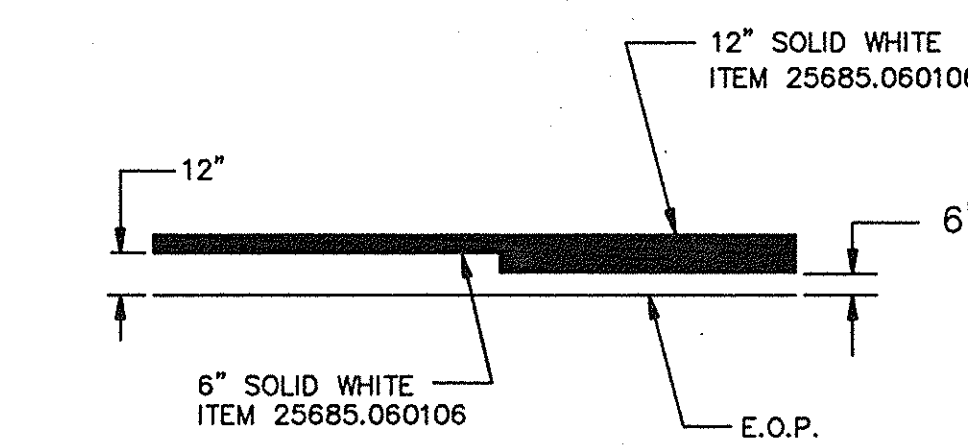
DETAIL "C"



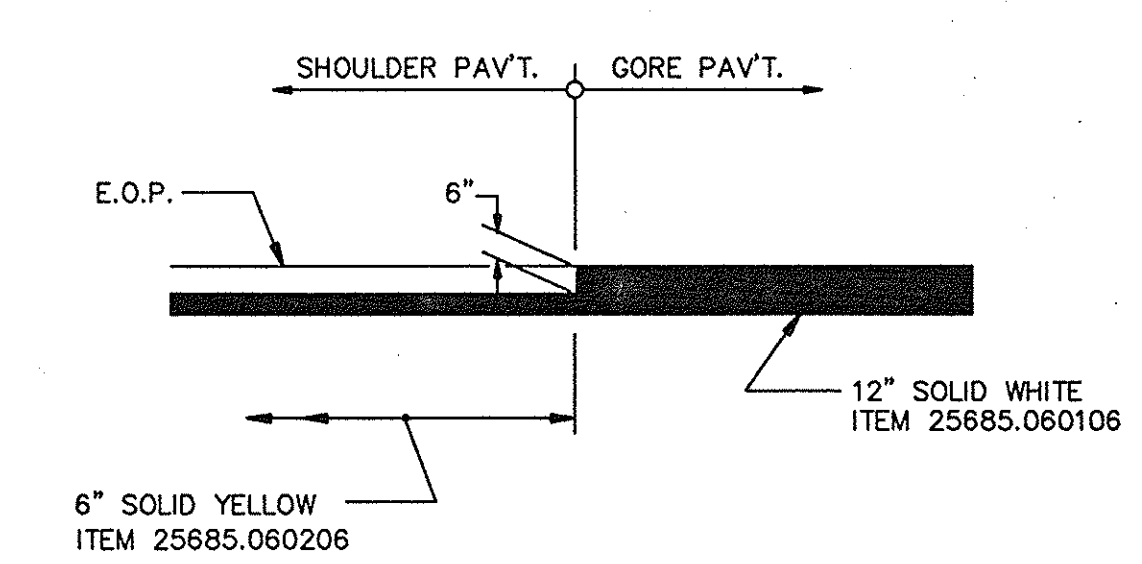
DETAIL "D"



DETAIL "E"



DETAIL "F"

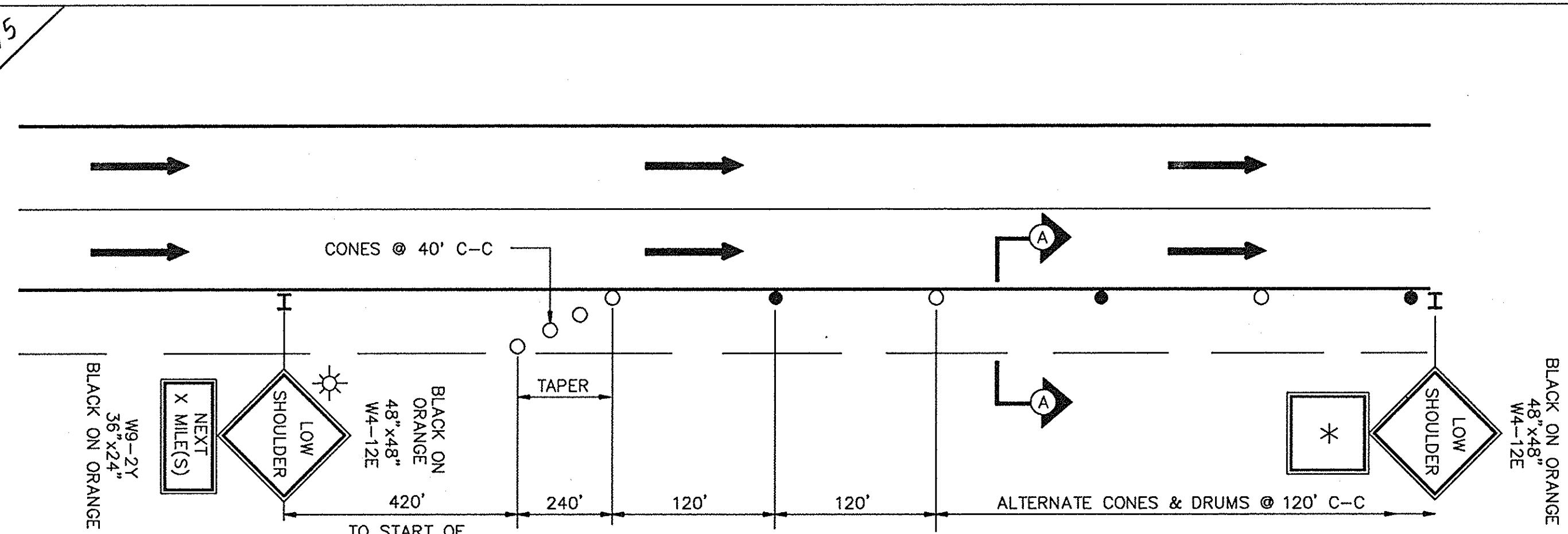


DETAIL "G"

NO REVISIONS		BAL	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING PAVEMENT STRIPING DETAILS (ASPHALT OVERLAY) (SP)			
CONTRACT NUMBER: TAS 92-74B		DATE: SEPT, 1992	
DRAWING NUMBER: PSD-1			

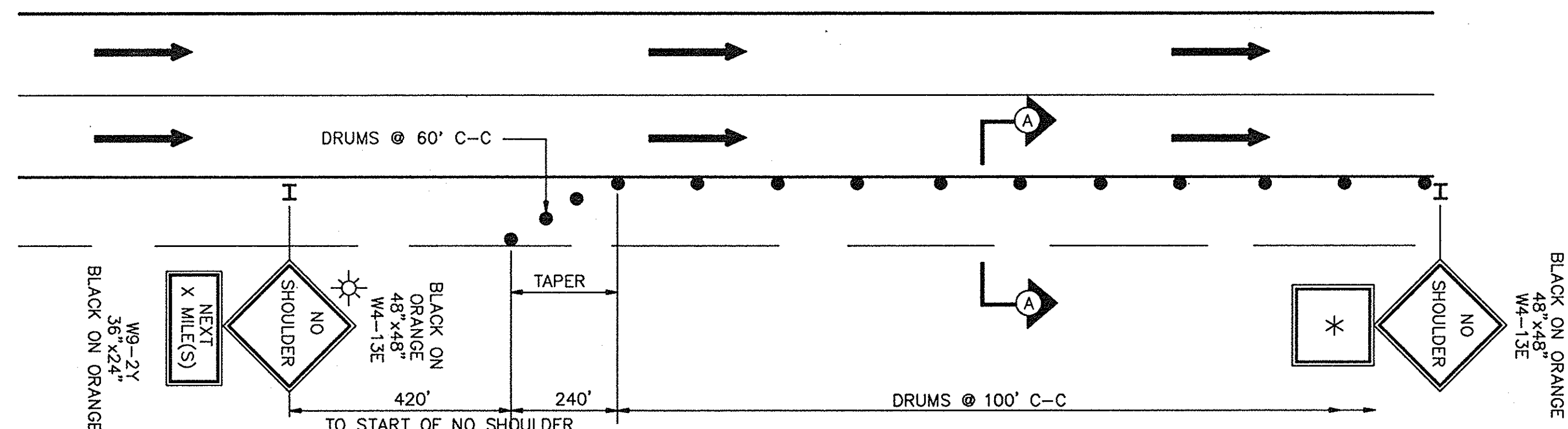
CHECKED BY: V. Paul Zedler
 DRAFTED BY: CAD
 DESIGNED BY: Thomas C. Hall
 IN CHARGE OF: Robert E. Shandley

CHECKED BY: *V. Paul Lynch*
DRAFTED BY: *CAD*
DESIGNED BY: *Thomas C. Hall*
IN CHARGE OF: *Robert J. Humady*



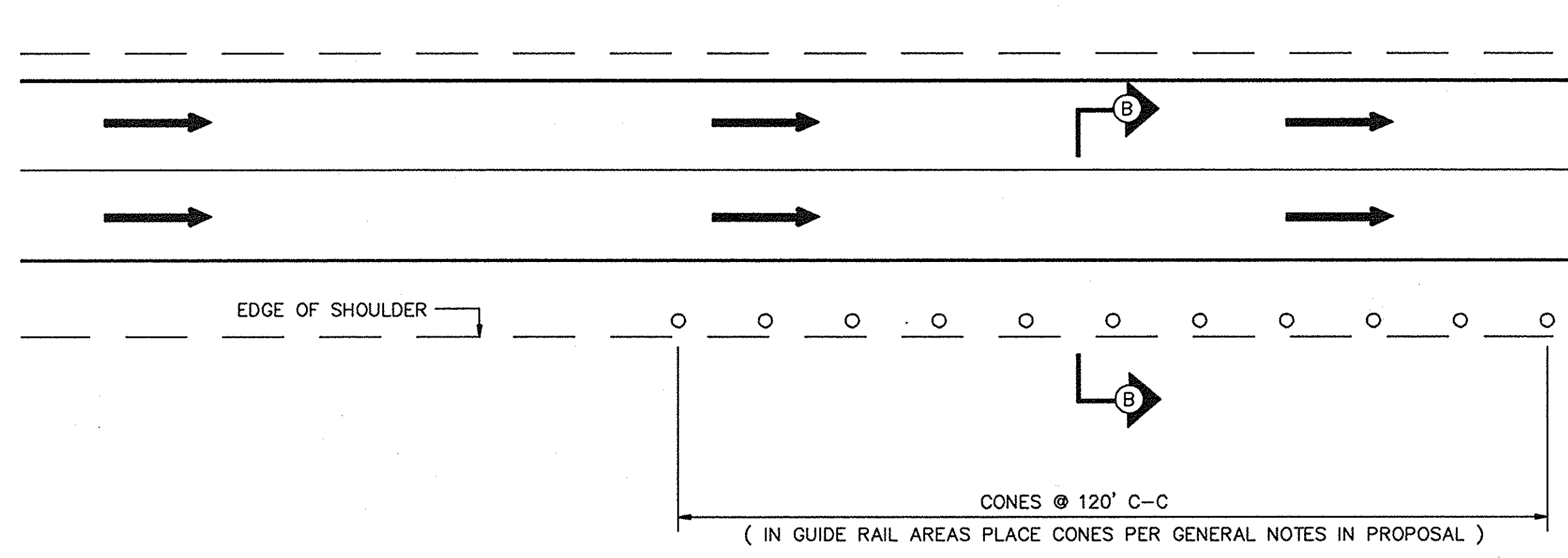
TRAFFIC CONTROL PLAN IN AREAS WITH A SHOULDER DROP OF 1 1/2 INCHES TO 4 INCHES

(*) W9-2Y SIGN IS REQUIRED EVERY 1/2 MILE UNLESS WITHIN 1,000' OF END OF SECTION
NOTE: REPEAT W4-12E SIGN EVERY 1,000'

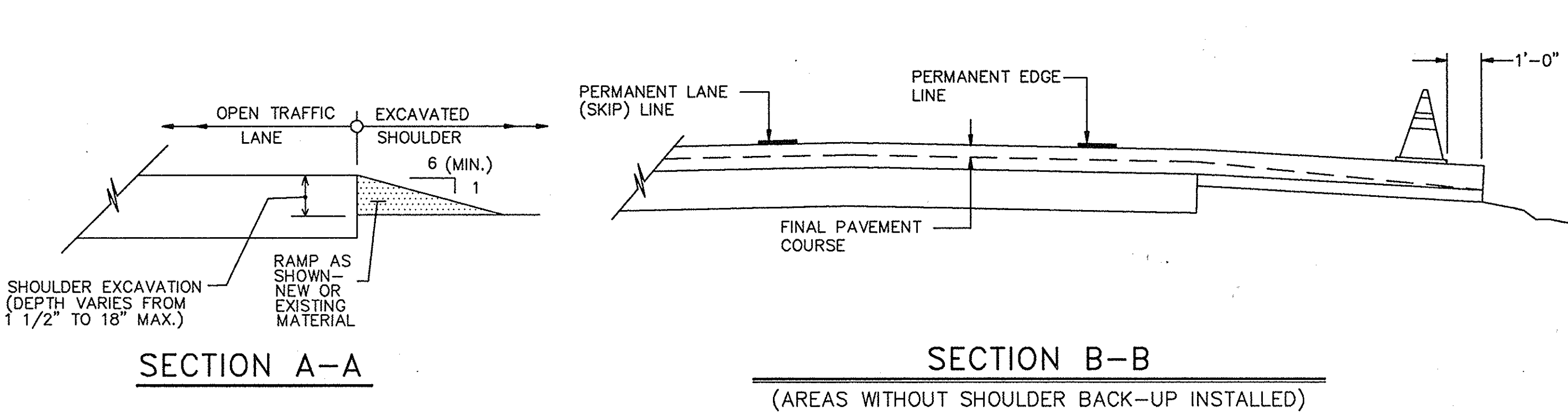


TRAFFIC CONTROL PLAN IN AREAS WITH A SHOULDER DROP OF MORE THAN 4 INCHES AND LESS THAN 18 INCHES

NOTE: REPEAT W4-13E SIGN EVERY 1,000 FEET.



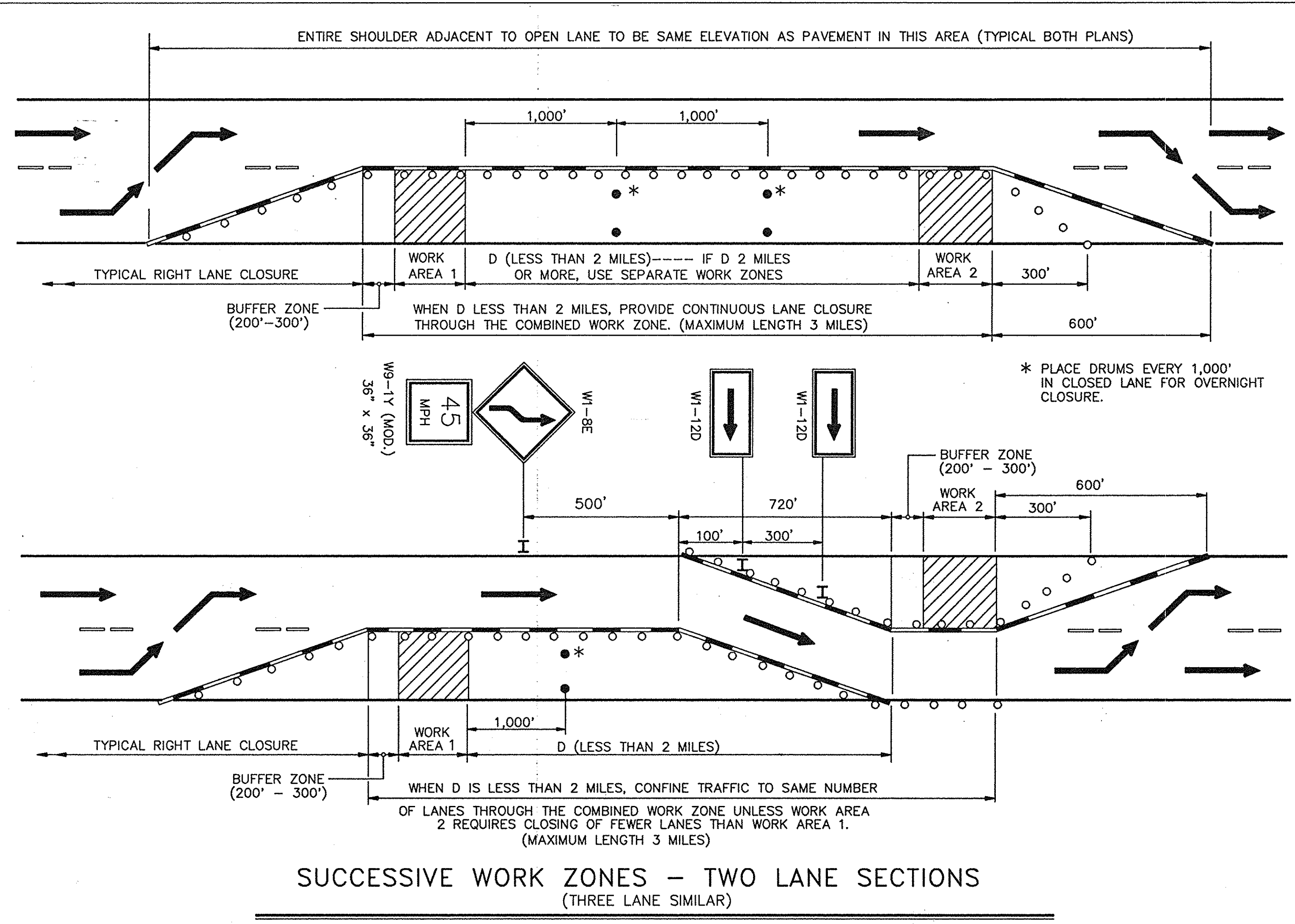
TRAFFIC CONTROL PLAN IN AREAS WITH FINAL PAVEMENT COURSE PLACED AND PERMANENT PAVEMENT DELINEATION INSTALLED WITH DROP AT EDGE OF SHOULDER



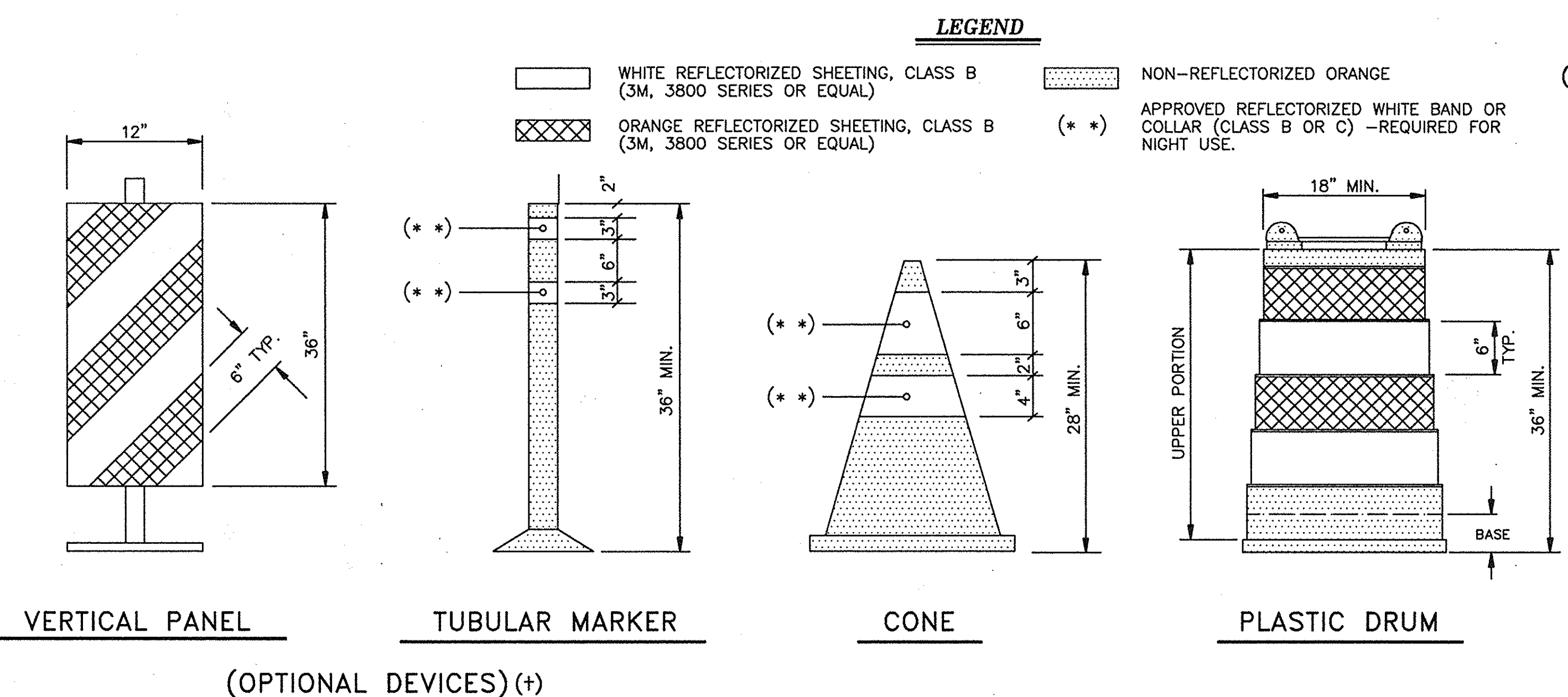
SECTION A-A

SECTION B-B

(AREAS WITHOUT SHOULDER BACK-UP INSTALLED)



SUCCESSIVE WORK ZONES - TWO LANE SECTIONS (THREE LANE SIMILAR)



VERTICAL PANEL

TUBULAR MARKER

CONE

PLASTIC DRUM

(OPTIONAL DEVICES) (+)

TRAFFIC CONTROL DEVICES

NOTE "A"

EXISTING PAVEMENT MARKINGS SHALL BE MAINTAINED BY THE CONTRACTOR WITHIN PROJECT LIMITS. IF CONTRACTOR'S OPERATIONS IN ANY WORK ZONE WILL EXCEED A PERIOD OF 2 WEEKS, OR AS DIRECTED BY THE ENGINEER, CONTRACTOR SHALL COMPLETELY REMOVE PORTIONS OF EXISTING MARKINGS AND INSTALL TEMPORARY MARKINGS AS DETAILED ABOVE. TEMPORARY MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

WHEN ALL WORK IS TO BE COMPLETED IN THE WORK ZONE, OR AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE THE TEMPORARY MARKINGS AND RESTORE THE EXISTING MARKINGS.

NOTES FOR SHOULDER EXCAVATION PROTECTION:

THE DISTANCE BETWEEN THE W4-12E OR W4-13E SIGNS SHALL NOT EXCEED ONE HALF MILE. USE W9-2Y ON FIRST SIGN TO NEAREST HALF MILE WHEN THE AREA BEING PROTECTED EXCEEDS ONE HALF MILE IN LENGTH. ONLY THE LEFT OR RIGHT SHOULDER MAY BE WORKED ON AT ONE TIME.

DRUMS AND CONES SHALL BE PLACED AND MAINTAINED SO THAT AT LEAST TWO THIRDS OF THEIR HEIGHT IS EXPOSED ABOVE THE PAVEMENT.

IF THE DEPTH OF EXCAVATION EXCEEDS 18" THE ADJACENT LANE SHALL REMAIN CLOSED.

TYPICAL PLAN FOR RIGHT SHOULDER SHOWN. LEFT SHOULDER PROTECTION IS SAME DETAIL.

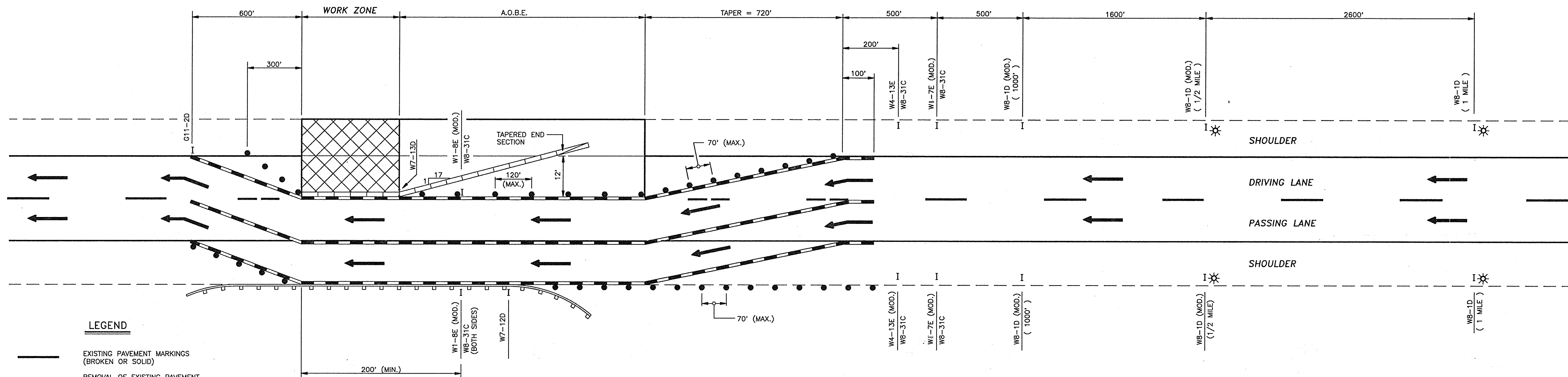
EXCAVATED SHOULDER TO BE RAMPED DOWN (SECTION A-A) DURING NON-WORK HOURS.

LEGEND

- TRAFFIC CONE
- DRUM
- ★ FLASHING LIGHT, LOW INTENSITY, FOR NIGHT USE OR A.O.B.E.
- I SIGN (ALL "W" SERIES SIGNS TO BE BLACK ON ORANGE)
- REMOVAL OF EXISTING PAVEMENT MARKINGS DURING CONSTRUCTION
- TEMPORARY PAVEMENT MARKING FOR CONSTRUCTION (SEE NOTE A)

No Revisions		Bat	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING THRUWAY TRAFFIC PLANS FOR MISCELLANEOUS OPERATIONS			
CONTRACT NUMBER: TAS 92-748		DATE: SEPT, 1992	
DRAWING NUMBER: TTP - I			

CHECKED BY: *W. Paul G. G. G.*
DRAFTED BY: *CAD*
DESIGNED BY: *Thomas C. Dahl*
IN CHARGE OF: *Robert J. Kennedy*



LEGEND

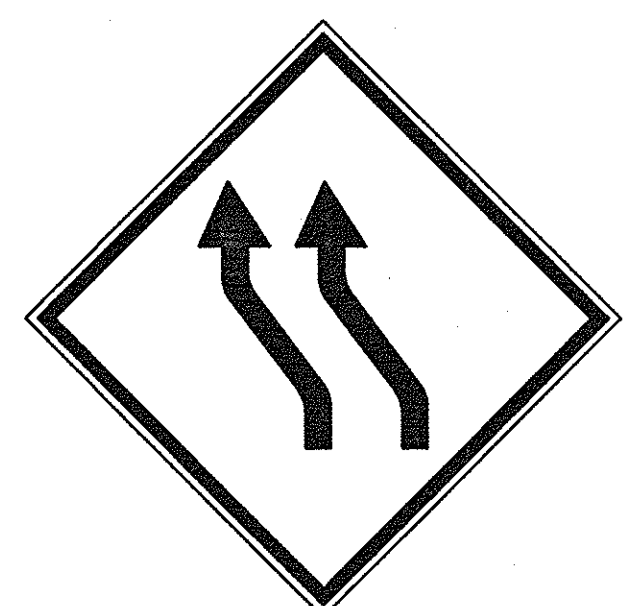
- EXISTING PAVEMENT MARKINGS (BROKEN OR SOLID)
- REMOVAL OF EXISTING PAVEMENT MARKINGS. (SEE NOTE 6)
- TEMPORARY PAVEMENT MARKING FOR CONSTRUCTION, SUPPLEMENTED WITH RAISED MARKERS @ 40' C-C. (SEE NOTE 6)
- TEMPORARY CONCRETE BARRIER WITH BARRIER MARKERS.
- EXISTING RAIL OR BARRIER.
- DRUM
- SIGNS
- FLASHING LIGHTS (LOW INTENSITY FOR NIGHT USE OR A.O.B.E.)

PLAN

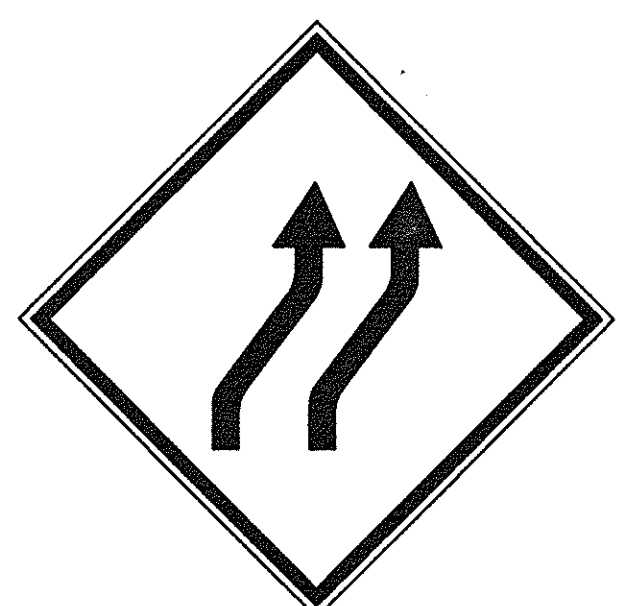
N.T.S.

NOTES:

- ALL SIGNS MAY BE FOUND IN THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL "W" SERIES SIGNS (EXCLUDING THE W7-12D & W7-13D SIGNS) SHALL BE BLACK ON ORANGE. THE W7-12D AND THE W7-13D SIGNS SHALL BE BLACK ON YELLOW. ALL REFLECTORIZED SIGN BACKGROUNDS SHALL BE CLASS "B" REFLECTORIZED SHEETING.
 - SIGN SUPPORTS SHALL RESIST OVERTURNING IN WINDS AND PROVIDE A MINIMUM MOUNTING HEIGHT OF 5 FEET TO THE SIGN BOTTOM. SIGNS SHALL BE PLACED AT OR AS NEAR AS PRACTICABLE TO THE LOCATIONS SHOWN. LATERAL PLACEMENT OF SIGNS SHALL CONFORM TO SECTIONS 201.5 AND/OR 301.2 OF THE MUTCD.
 - FLAGGERS ARE TO BE PROVIDED AND LOCATED IN THE PATTERN AS DIRECTED BY THE ENGINEER. WHEN USED, A W8-22E SIGN WILL BE PLACED NOT CLOSER THAN 500 FEET NOR FURTHER THAN 2600 FEET AHEAD OF THE FLAGGER.
 - ALL FLASHING LIGHTS SHOWN ON THIS SHEET SHALL BE PLACED IN OPERATION FROM 1/2 HOUR AFTER SUNSET TO 1/2 HOUR BEFORE SUNRISE OR AS ORDERED BY THE ENGINEER.
 - THE TRAFFIC SUPERVISOR WILL APPROVE THE CONDITION OF ALL TRAFFIC CONTROL DEVICES PRIOR TO USE, AND WILL REVIEW THE PROPOSED TRAFFIC CONTROL PATTERN (FOR PRECISE DEVICE POSITIONING) PRIOR TO INSTALLATION.
 - THE CONTRACTOR SHALL COMPLETELY REMOVE PORTIONS OF THE EXISTING MARKINGS AND INSTALL TEMPORARY MARKINGS AS DETAILED ON THIS SHEET. TEMPORARY MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD, CONTRACT PLANS AND/OR PROPOSAL.
- WHEN ALL WORK IS COMPLETED IN THE WORK ZONE, OR AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE THE TEMPORARY MARKINGS AND RESTORE THE EXISTING MARKINGS.



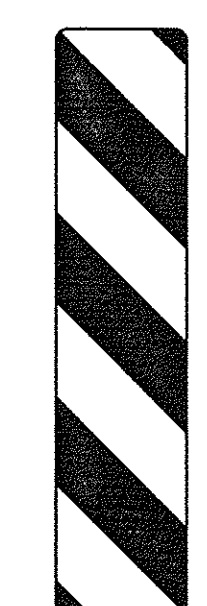
W1-7E (MOD.)
48" x 48"



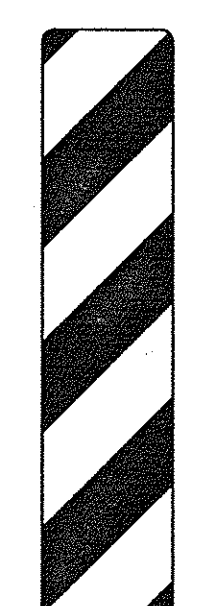
W1-8E (MOD.)
48" x 48"



W4-13E
48" x 48"



W7-12D
12" x 54"



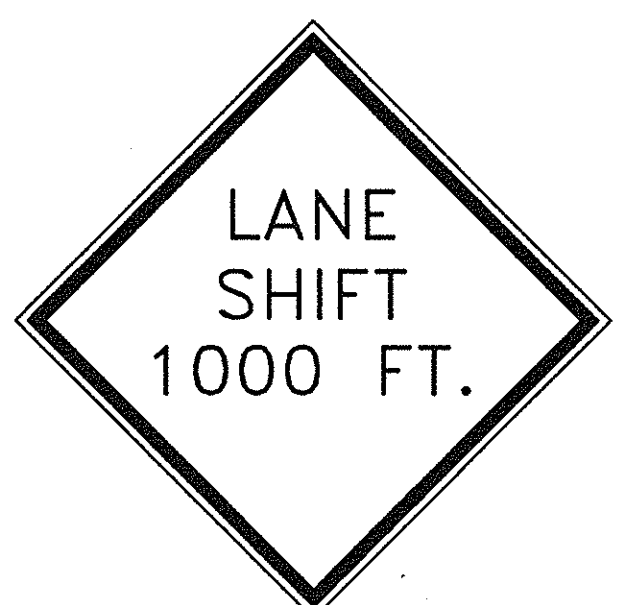
W7-13D
12" x 54"



W8-1D
48" x 48"



W8-1D (MOD.)
48" x 48"



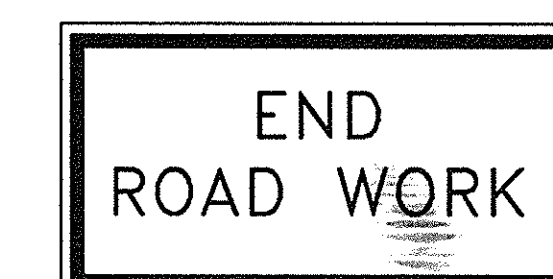
W8-1D (MOD.)
48" x 48"



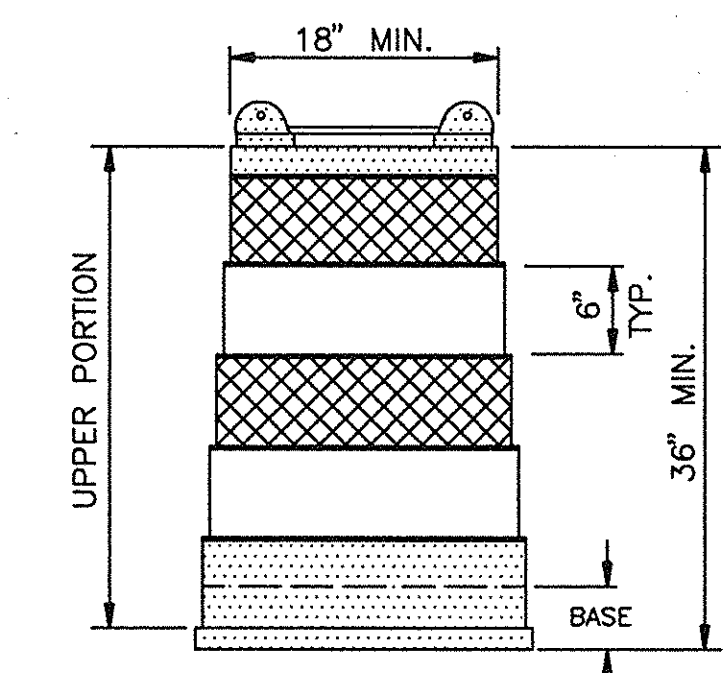
W8-31C
48" x 24"



W8-22E
48" x 48"



G11-2D
48" x 24"



PLASTIC DRUM
N.T.S.

LEGEND

- WHITE REFLECTORIZED SHEETING, CLASS B (3M, 3800 SERIES OR EQUAL)
- ORANGE REFLECTORIZED SHEETING, CLASS B (3M, 3800 SERIES OR EQUAL)
- NON-REFLECTORIZED ORANGE

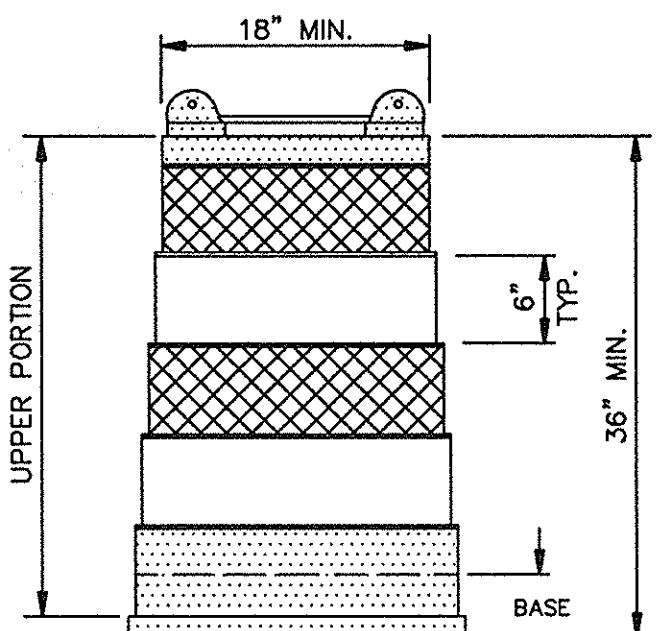
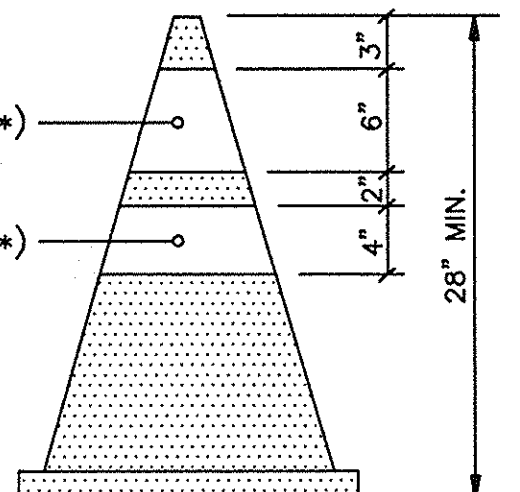
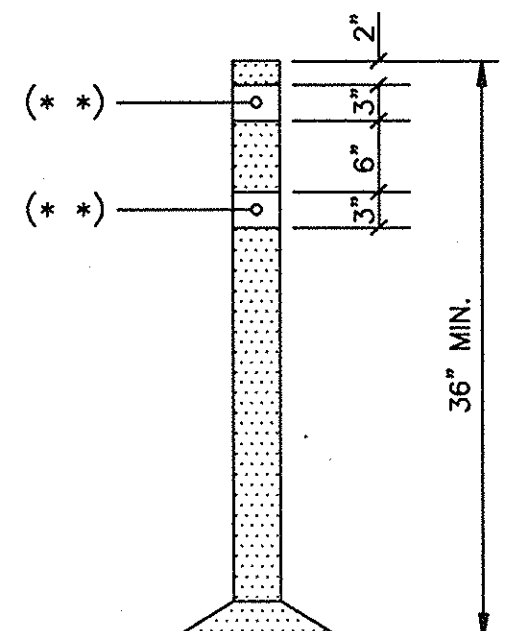
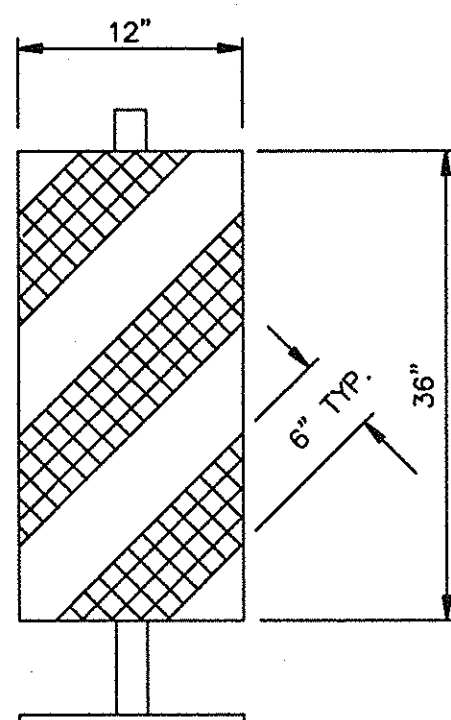
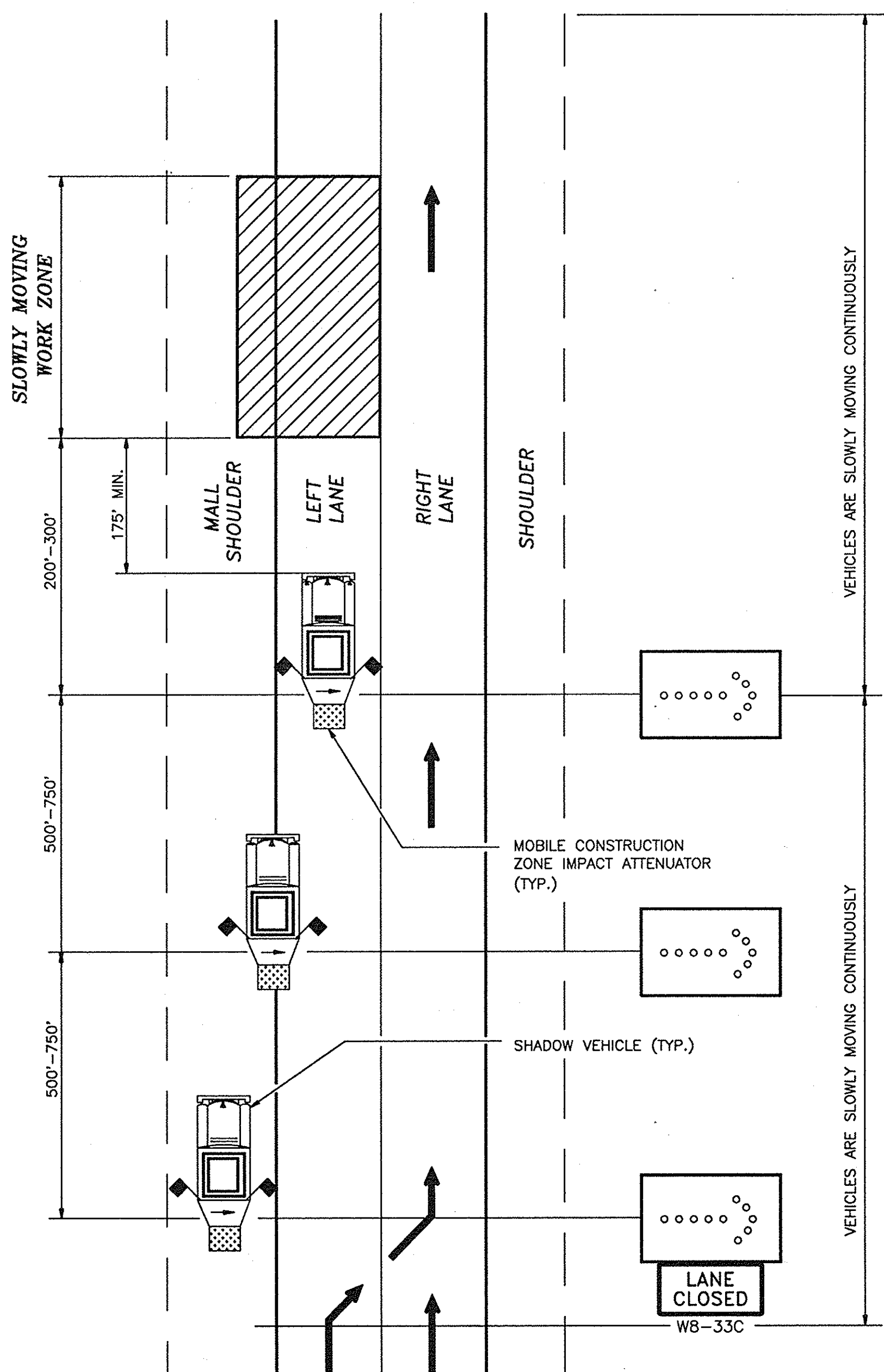
NO REVISIONS		Baf	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT: BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT: M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING: LANE SHIFT PATTERN (WITH CONCRETE BARRIER)			
CONTRACT NUMBER: TAS 92-74B		DATE: SEPT., 1992	
DRAWING NUMBER: TTP-2			

CHECKED BY: W. Paul Giddox

DRAFTED BY: CAD

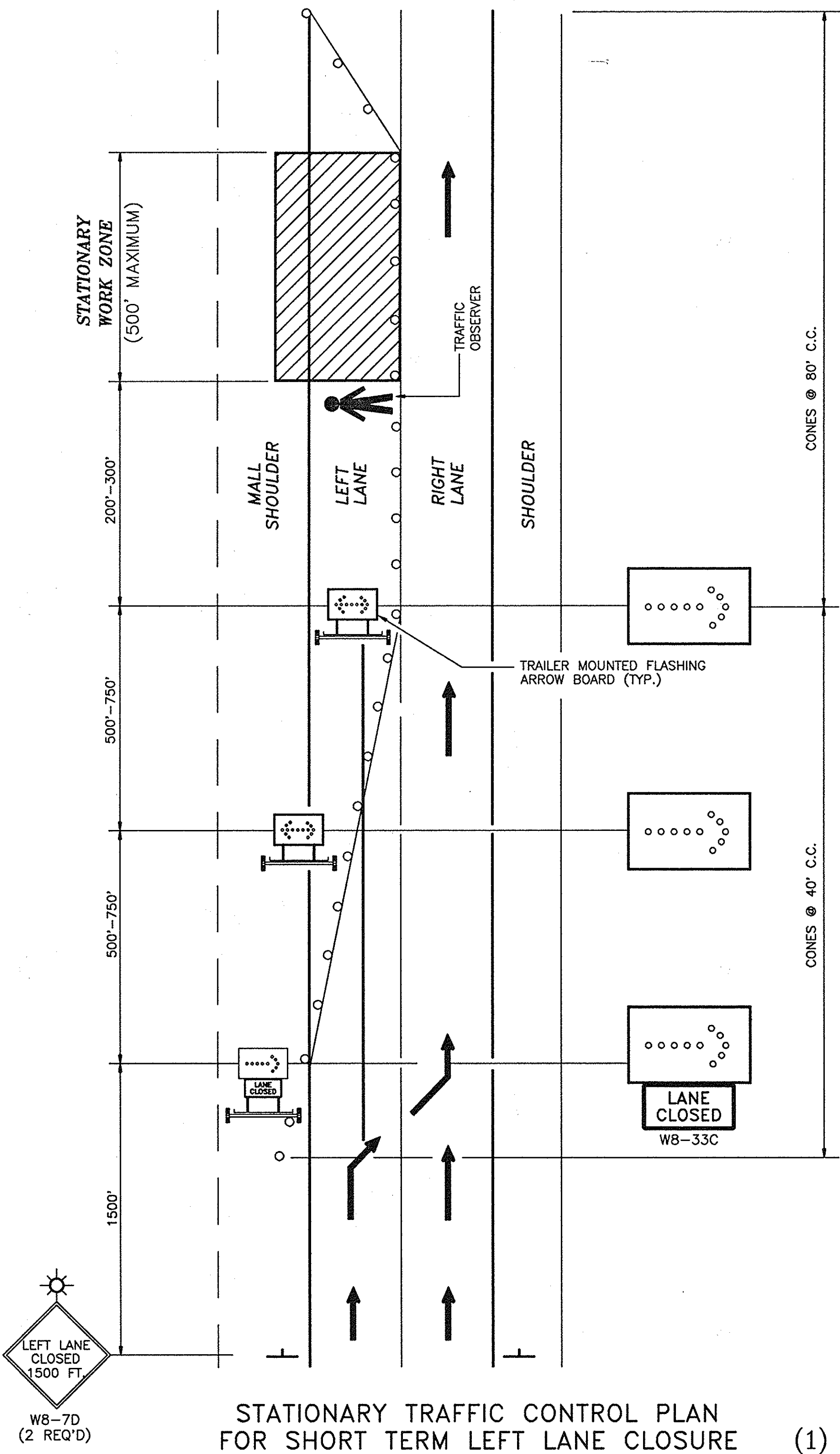
DESIGNED BY: Thomas C. Hunt

IN CHARGE OF: Robert E. Kennedy



(OPTIONAL DEVICES)

TRAFFIC CONTROL DEVICES (2)



NOTES:
FOR MOBILE AND STATIONARY (SHORT TERM)
TRAFFIC CONTROL PLAN:

- THESE PLANS ARE TO BE UTILIZED WHEN AUTHORIZED BY THE ENGINEER.
- TRUCK MOUNTED FLASHING ARROW BOARD SHALL CONFORM TO SECTION 294.5 OF M.U.T.C.D. MINIMUM SIZE SHALL BE TYPE "B" 54" x 30" FULL ARROW FLASH ONLY (TRAILER MOUNTED ARROW BOARDS SHALL BE TYPE "C" 96" x 48"); NO CHEVRONS NOR SEQUENTIAL ARROW FLASH WILL BE ALLOWED.
- WHERE THE PASSING LANE IS TO BE CLOSED, THE FIRST UNIT IS TO BE LOCATED IN THE MALL, THE SECOND STRADDLES THE MALL AND LEFT LANE AND THE THIRD UNIT IS IN THE LEFT LANE. THE UNITS WILL DISPLAY FLASHING RIGHT ARROWS.
- WHERE THE DRIVING LANE IS TO BE CLOSED, THE FIRST UNIT IS TO BE LOCATED ON THE RIGHT SHOULDER, THE SECOND STRADDLES THE SHOULDER AND DRIVING LANE AND THE THIRD UNIT IS IN THE DRIVING LANE. THE UNITS WILL DISPLAY FLASHING LEFT ARROW.
- THE MINIMUM HEIGHT OF FLASHING ARROW BOARDS SHALL BE 5'- 0" FROM THE PAVEMENT TO THE BOTTOM OF THE PANEL.
- THE MOBILE CONSTRUCTION ZONE IMPACT ATTENUATOR SHALL CONFORM TO THE REQUIREMENTS OF SECTION 712-06 OF THE STANDARD SPECIFICATIONS.
- THE SHADOW VEHICLE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 619-1.02N OF THE STANDARD SPECIFICATIONS.
- THE STATIONARY (SHORT TERM) LANE CLOSURE MAY BE UTILIZED AT ONE WORK ZONE, ONCE A WORKING DAY, FOR A DURATION OF 2 HOURS OR LESS.
- THE CONTRACTOR MAY USE THE MOBILE LANE CLOSURE PLAN FOR A SHORT TERM STATIONARY CLOSURE PROVIDING THAT TRAFFIC CONES AND SIGNING ARE INCLUDED AS DETAILED IN THE STATIONARY PLAN.
- THE STATIONARY SHORT TERM LEFT LANE CLOSURE MAY BE MODIFIED TO A RIGHT LANE CLOSURE BY REPLACING THE W8-7D SIGN WITH A W8-8D PANEL. THE RIGHT LANE CLOSURE WILL OTHERWISE BE A MIRROR IMAGE OF THE LEFT LANE CLOSURE SIGN.
- THE W8-7D OR W8-8D PANELS MUST BE SUPPLEMENTED AS SHOWN WITH HIGH INTENSITY FLASHERS.
- THE "LANE CLOSED" SIGN SHALL BE MOUNTED BELOW THE FLASHING ARROW-BOARD ON THE VEHICLE SHOWN.

LEGEND


- MOBILE CONSTRUCTION ZONE
IMPACT ATTENUATOR
-
- TRAFFIC CONE
- FLASHING ARROW BOARD — SHADOW VEHICLE MOUNTED.
- FLASHING ARROW BOARD — TRAILER MOUNTED.
- FLASHING LIGHTS (LOW INTENSITY FOR NIGHT
USE OR A.O.R.F.)

FOOTNOTES

- (1) TRUCKS SHALL NOT BE PERMITTED TO REMAIN ATTACHED TO THE TRAILERS WITHIN THE CLOSURE SET-UP.
- (2) OPTIONAL DEVICES MAY BE SUBSTITUTED FOR CONES WITH THE APPROVAL OF THE ENGINEER.

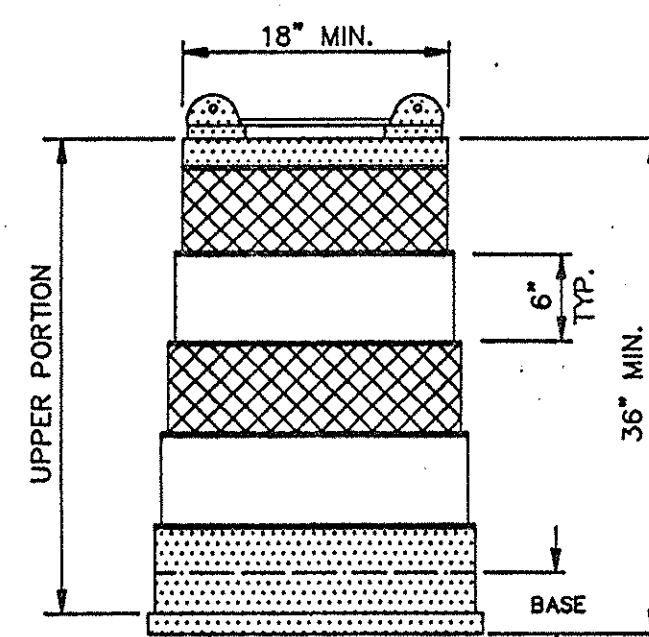
LEGEND

- | | | | |
|---|--|---|--|
| | WHITE REFLECTORIZED SHEETING, CLASS B
(3M, 3800 SERIES OR EQUAL) | | NON-REFLECTORIZED ORANGE |
| | ORANGE REFLECTORIZED SHEETING, CLASS B
(3M, 3800 SERIES OR EQUAL) | (*) | APPROVED REFLECTORIZED WHITE BAND OR
COLLAR (CLASS B OR C) -REQUIRED FOR
NIGHT USE |

	NO REVISIONS	BET		
DATE	DESCRIPTION	BY	SYM.	
REVISIONS				
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209				
TITLE OF PROJECT		BRIDGE DECK STRIP, SEAL & OVERLAY		
LOCATION OF PROJECT		M.P. 208.35 TO M.P. 208.58		
TITLE OF DRAWING				
MOVABLE AND SHORT TERM LANE CLOSURES				
	CONTRACT NUMBER:		TAS 92-74B	
	DATE:		SEPT., 1992	
	DRAWING NUMBER:		TTP - 3	



W3-13E
48" x 48"




PLASTIC DRUM

TRAFFIC CONTROL DEVICES

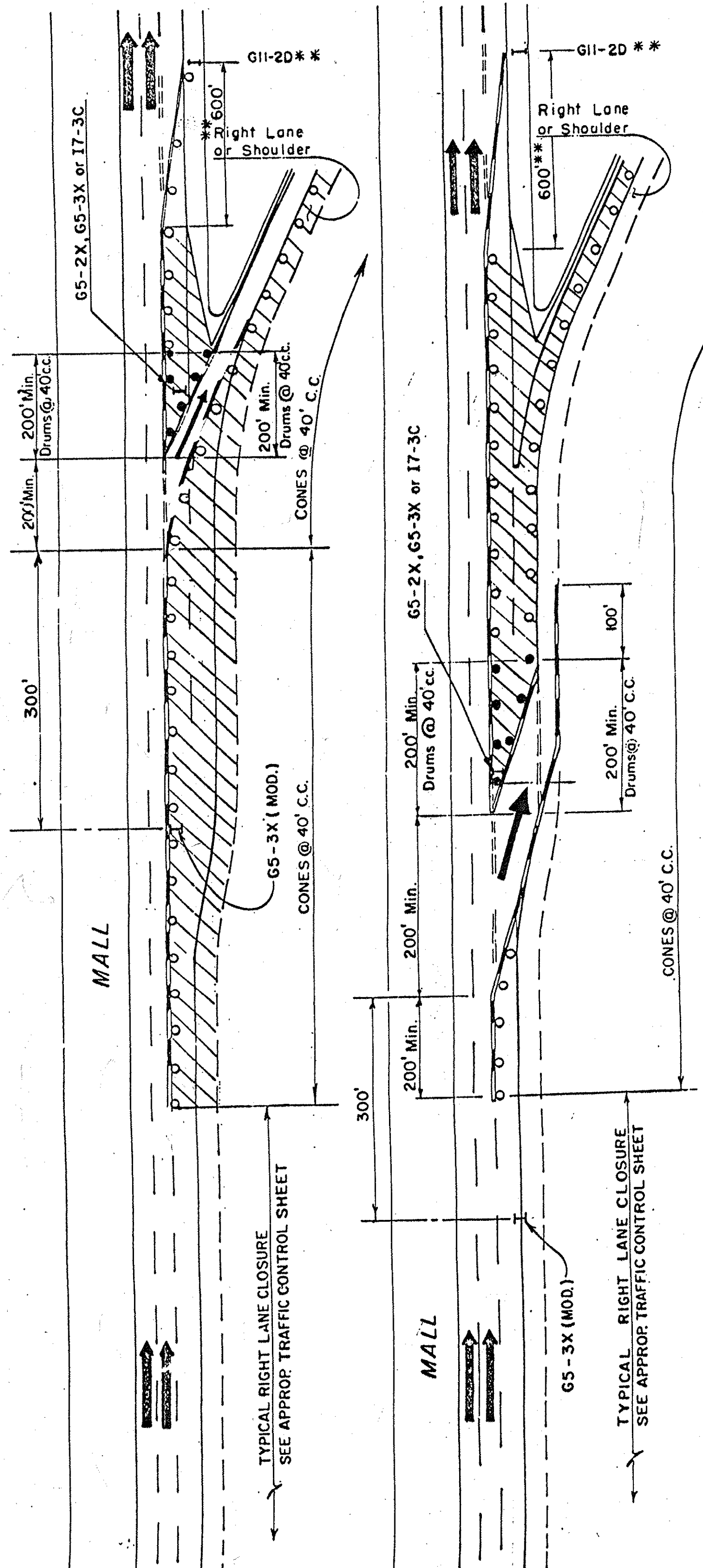
NOTES:

1. ALL SIGNS MAY BE FOUND IN THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL "W" SERIES SIGNS SHALL BE BLACK ON ORANGE. ALL REFLECTORIZED SIGN BACKGROUNDS SHALL BE CLASS "B" REFLECTIVE SHEETING.
 2. SIGN SUPPORTS SHALL RESIST OVERTURNING IN WINDS AND PROVIDE A MINIMUM MOUNTING HEIGHT OF 5 FEET TO THE SIGN BOTTOM. SIGNS SHALL BE PLACED AT OR AS NEAR AS PRACTICABLE TO THE LOCATIONS SHOWN. LATERAL PLACEMENT OF SIGNS SHALL CONFORM TO SECTIONS 201.5 AND/OR 301.2 OF THE MUTCD.
 3. FLAGGERS ARE TO BE PROVIDED AND LOCATED IN THE PATTERN AS DIRECTED BY THE ENGINEER. WHEN USED, A W8-22 SIGN WILL BE PLACED NOT CLOSER THAN 500 FEET NOR FURTHER THAN 2600 FEET AHEAD OF THE FLAGGER.
 4. ALL FLASHING LIGHTS SHOWN ON THIS SHEET SHALL BE PLACED IN OPERATION FROM 1/2 HOUR AFTER SUNSET TO 1/2 HOUR BEFORE SUNRISE OR AS ORDERED BY THE ENGINEER.
 5. FLASHING ARROWBOARDS SHALL CONFORM TO SECTION 294.4.5 OF THE MUTCD. THE MINIMUM SIZE SHALL BE TYPE C (96" X 48") FULL ARROW FLASH. NO CHEVRONS NOR SEQUENTIAL ARROW FLASH WILL BE ALLOWED.
 6. THESE PLANS SHALL BE MODIFIED TO LEFT LANE CLOSURE(S) BY CHANGING SIGNS W1-11D TO W1-12D, W8-3D TO W8-7D, W8-11D TO W8-10D, W3-10E TO W3-9E AND W3-13E TO W3-12E.
 7. THE TRAFFIC SUPERVISOR WILL APPROVE THE CONDITION OF ALL TRAFFIC CONTROL DEVICES PRIOR TO USE, AND WILL REVIEW THE PROPOSED TRAFFIC CONTROL PATTERN (FOR PRECISE DEVICE POSITIONING) PRIOR TO INSTALLATION.
 8. EXISTING PAVEMENT MARKINGS SHALL BE MAINTAINED BY THE CONTRACTOR WITHIN THE PROJECT LIMITS. IF THE CONTRACTOR'S OPERATIONS IN ANY WORK ZONE WILL EXCEED A PERIOD OF 2 WEEKS, OR IF DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL COMPLETELY REMOVE PORTIONS OF THE EXISTING MARKINGS AND INSTALL TEMPORARY MARKINGS AS DETAILED ON THIS SHEET. TEMPORARY MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD, CONTRACT PLANS AND/OR PROPOSAL.
- WHEN ALL WORK IS COMPLETED IN THE WORK ZONE, OR AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE THE TEMPORARY MARKINGS AND RESTORE THE EXISTING MARKINGS.
9. IF THE CONTRACTOR'S OPERATION IN ANY WORK ZONE WILL EXCEED FOUR DAYS, OR EXTEND INTO A WEEKEND, OR IF ORDERED BY THE ENGINEER, DRUMS SHALL BE SUBSTITUTED FOR CONES IN THE ASSOCIATED TRAFFIC PATTERN. THE DRUMS SHALL BE SPACED AT 70 FOOT INTERVALS ON TAPERS AND 120 FOOT INTERVALS ON TANGENT SECTION OR AS ORDERED BY THE ENGINEER. CONES SHALL BE SUBSTITUTED FOR CONES AT ANY TIME PROVIDED THAT MAXIMUM SPACING IS MAINTAINED. VERTICAL PANELS AND/OR TUBULAR MARKERS MAY BE SUBSTITUTED FOR CONES WITH THE APPROVAL OF THE ENGINEER.

	<i>NO</i>	<i>Revisions</i>	<i>By</i>
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP SEAL & OVERLAY			
LOCATION OF PROJECT M.P 208.35 TO M.P 260.58			
TITLE OF DRAWING TWO LANE THRUWAY TRAFFIC CONTROL PLAN			
		CONTRACT NUMBER: TAS 92-74B	
		DATE: 11 / 7 / 91	
		DRAWING NUMBER: TTP-4	

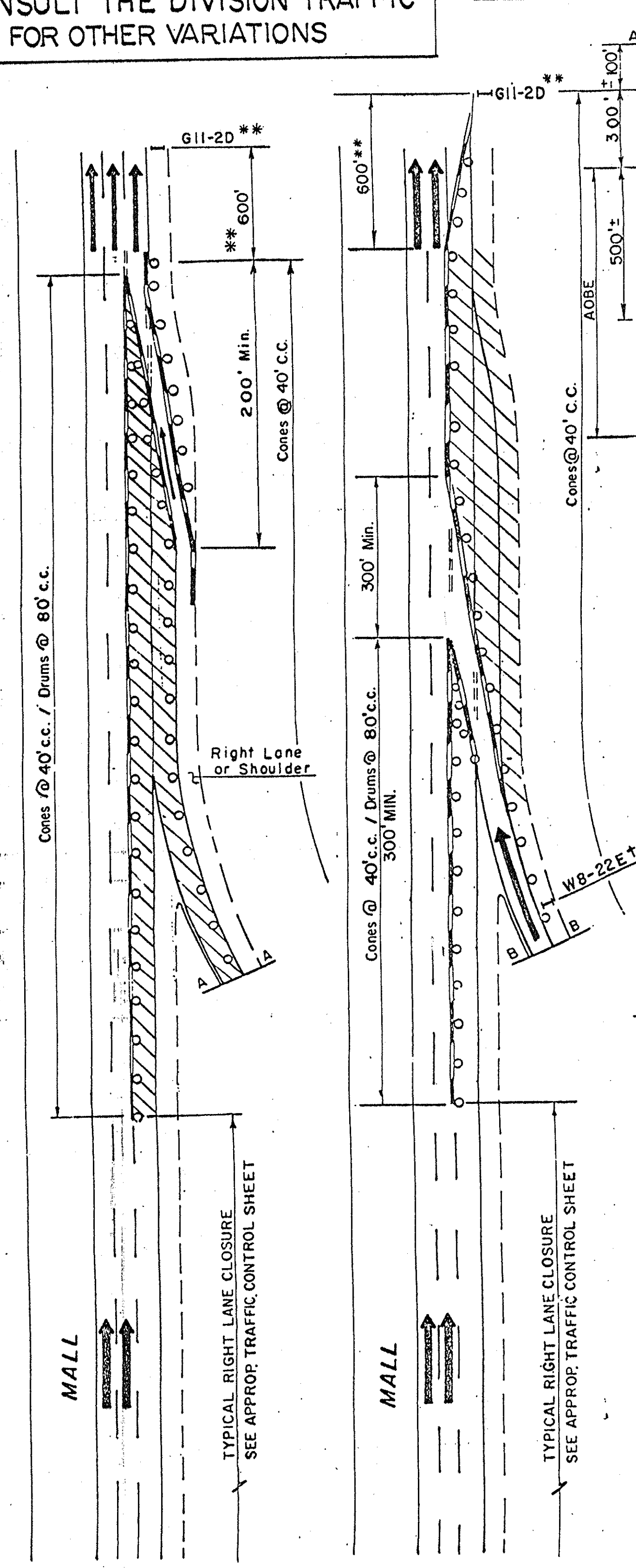
IN CHARGE OF: *H. Peter D. H.* DESIGNED BY: *L. J. J.* DRAFTED BY: *John C. H.* CHECKED BY: *Wayne D.*

NOTE:
IF NECESSARY, CONSULT THE DIVISION TRAFFIC SUPERVISOR FOR OTHER VARIATIONS



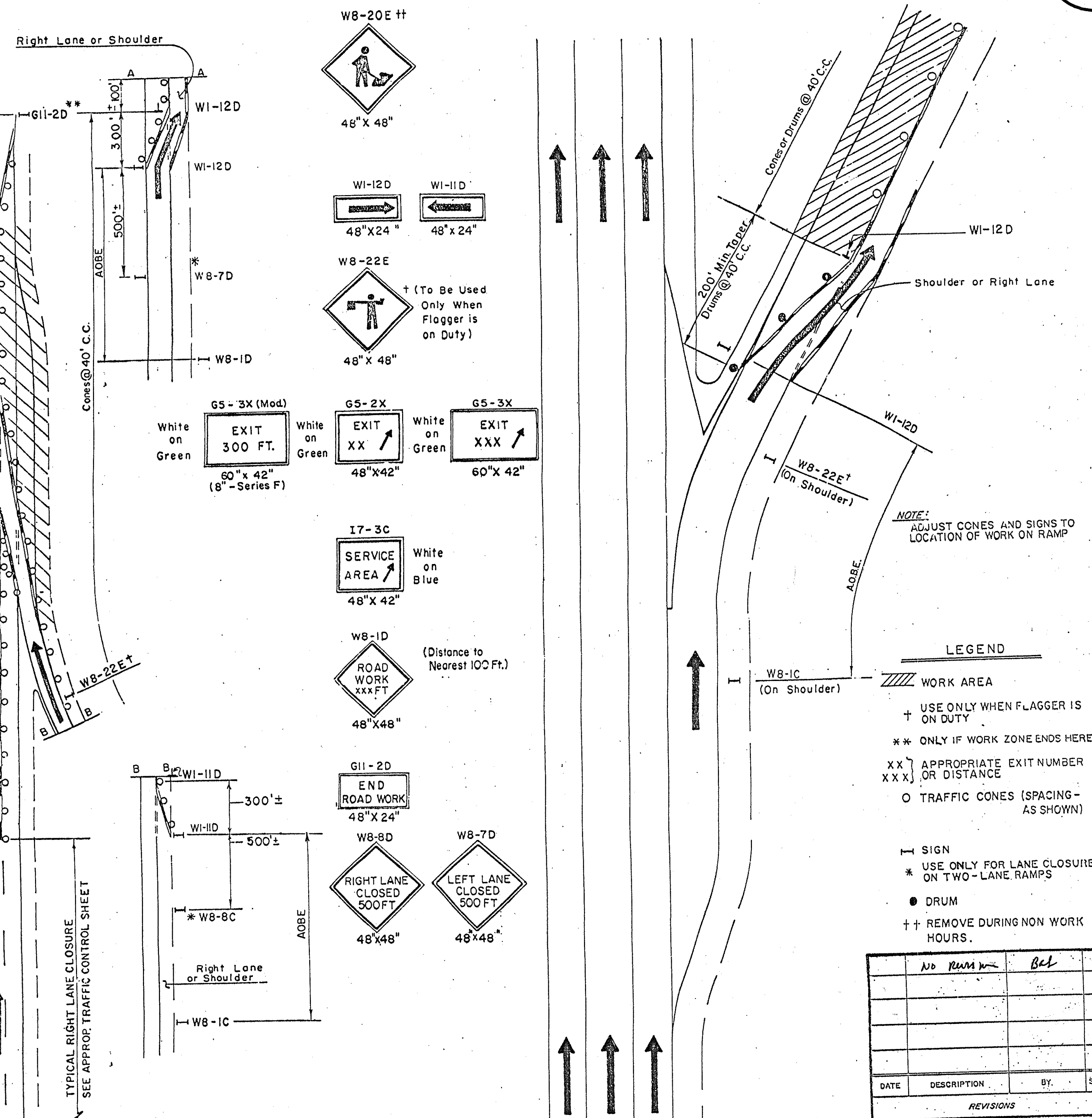
TYPICAL DECELERATION LANE

LEGEND
— EXISTING PAVEMENT MARKINGS (BROKEN OR SOLID)
--- REMOVAL OF EXISTING PAVEMENT MARKINGS DURING CONSTRUCTION
--- TEMPORARY PAVEMENT MARKING FOR CONSTRUCTION (SEE NOTE A)



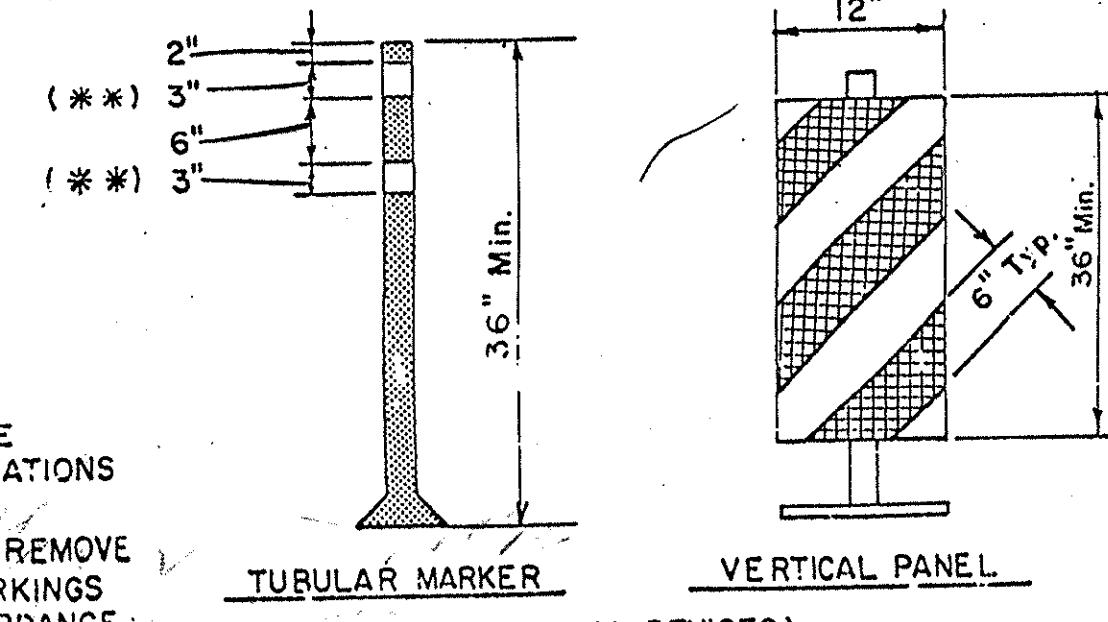
TYPICAL ACCELERATION LANE

NOTE-A
EXISTING PAVEMENT MARKINGS SHALL BE MAINTAINED BY THE CONTRACTOR WITHIN PROJECT LIMITS. IF CONTRACTOR'S OPERATIONS IN ANY WORK ZONE WILL EXCEED A PERIOD OF 2 WEEKS OR AS DIRECTED BY THE ENGINEER, CONTRACTOR SHALL COMPLETELY REMOVE PORTIONS OF EXISTING MARKINGS AND INSTALL TEMPORARY MARKINGS AS DETAILED ABOVE. TEMPORARY MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. WHEN ALL WORK IS COMPLETED IN THE WORK ZONE, OR AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE THE TEMPORARY MARKINGS AND RESTORE THE EXISTING MARKINGS.

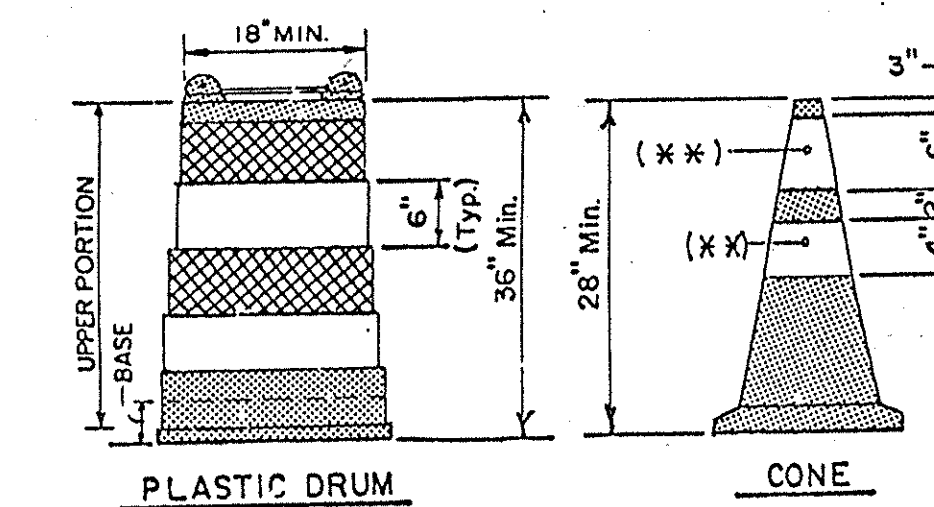


TYPICAL WORK ZONE ON RAMP

NOTE: OPTIONAL DEVICES MAY BE SUBSTITUTED FOR CONES WITH THE APPROVAL OF THE ENGINEER.



(OPTIONAL DEVICES)



TRAFFIC CONTROL DEVICES

LEGEND
WHITE REFLECTORIZED SHEETING, CLASS B (3M, 3800 SERIES OR EQUAL)
ORANGE REFLECTORIZED SHEETING, CLASS B (3M, 3800 SERIES OR EQUAL)
NON-REFLECTORIZED ORANGE
APPROVED REFLECTORIZED WHITE BAND OR COLLAR (CLASS B or C) - REQUIRED FOR NIGHT USE.

NOTE:
ADJUST CONES AND SIGNS TO LOCATION OF WORK ON RAMP

LEGEND
WORK AREA
+ USE ONLY WHEN FLAGGER IS ON DUTY
** ONLY IF WORK ZONE ENDS HERE
XX APPROPRIATE EXIT NUMBER OR DISTANCE
O TRAFFIC CONES (SPACING - AS SHOWN)
SIGN
* USE ONLY FOR LANE CLOSURE ON TWO-LANE RAMP
● DRUM
++ REMOVE DURING NON WORK HOURS.

No. RUM		Bal	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT BRIDGE DECK STRIP, SEAL & OVERLAY			
LOCATION OF PROJECT M.P. 208.35 TO M.P. 260.58			
TITLE OF DRAWING TRAFFIC CONTROL AT INTERCHANGES, SERVICE AREAS AND PARKING AREAS			
CONTRACT NUMBER		TAS 92-74B	
DATE		11/1/91	
DRAWING NUMBER		TTP-5	