



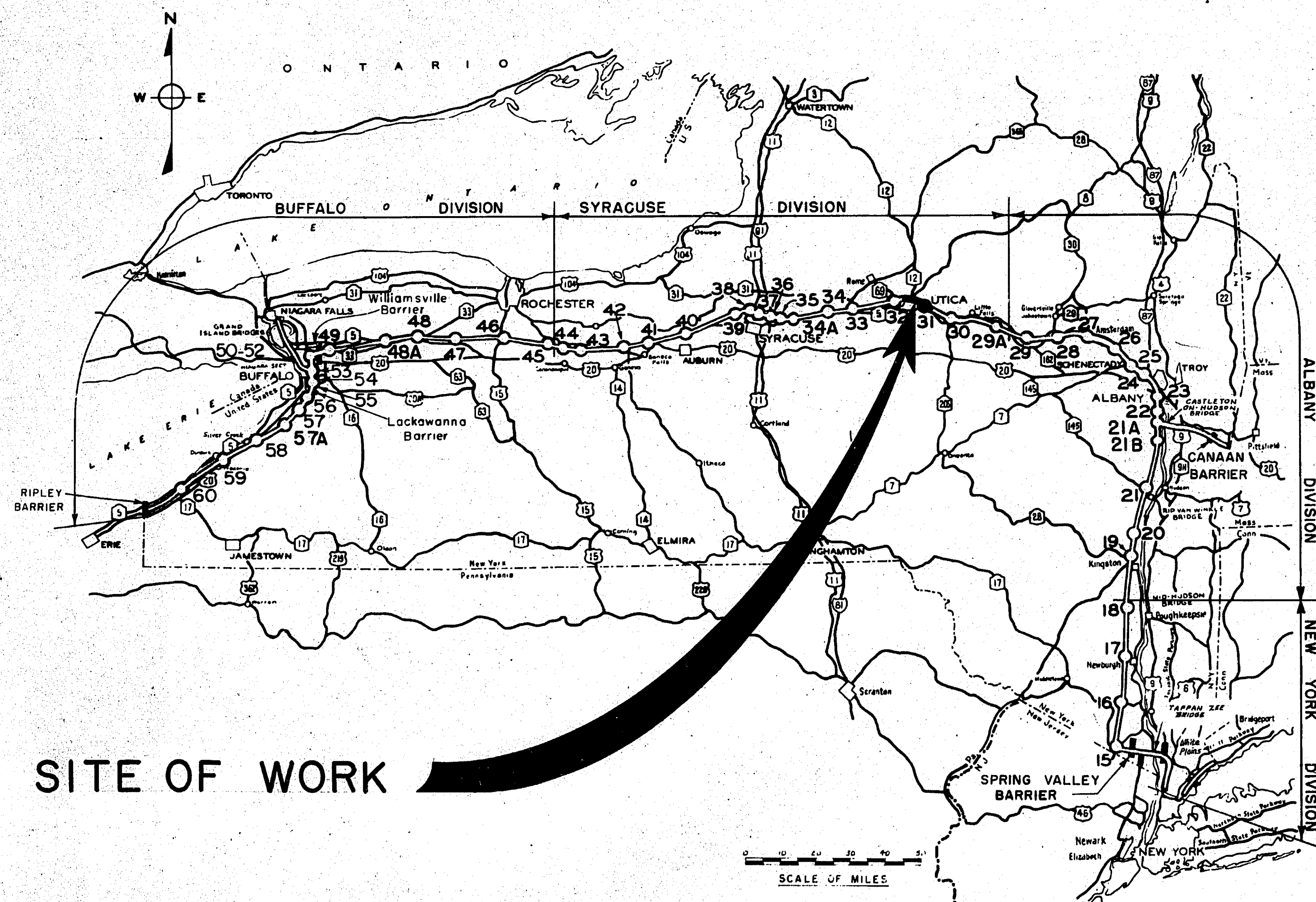
RECORD PLANS

TYPE OF CONSTRUCTION

Remove existing wearing courses, repair the structural decks, place 4" asphalt concrete wearing course and miscellaneous work.

All work contemplated under this contract to be covered by and in conformity with the New York State Dept. of Public Works (Dept. of Trans.) specifications adopted January 2, 1962 (second printing) including addenda No. 1 thru No. 49 except as modified on these plans and in the proposal.

NEW YORK STATE THRUWAY AUTHORITY
SYRACUSE DIVISION
PLANS FOR REPLACING WEARING COURSES
ON STRUCTURES AND MISCELLANEOUS WORK
FROM MILEPOST 232.01± TO MILEPOST 241.02± WESTBOUND
A Length of 9.01± Miles
FROM MILEPOST 233.05± TO MILEPOST 242.06± EASTBOUND
A Length of 9.01± Miles
A TOTAL CONTRACT LENGTH OF 18.02± MILES
11 SHEETS ONEIDA COUNTY TAM 71-111



INTERCHANGES

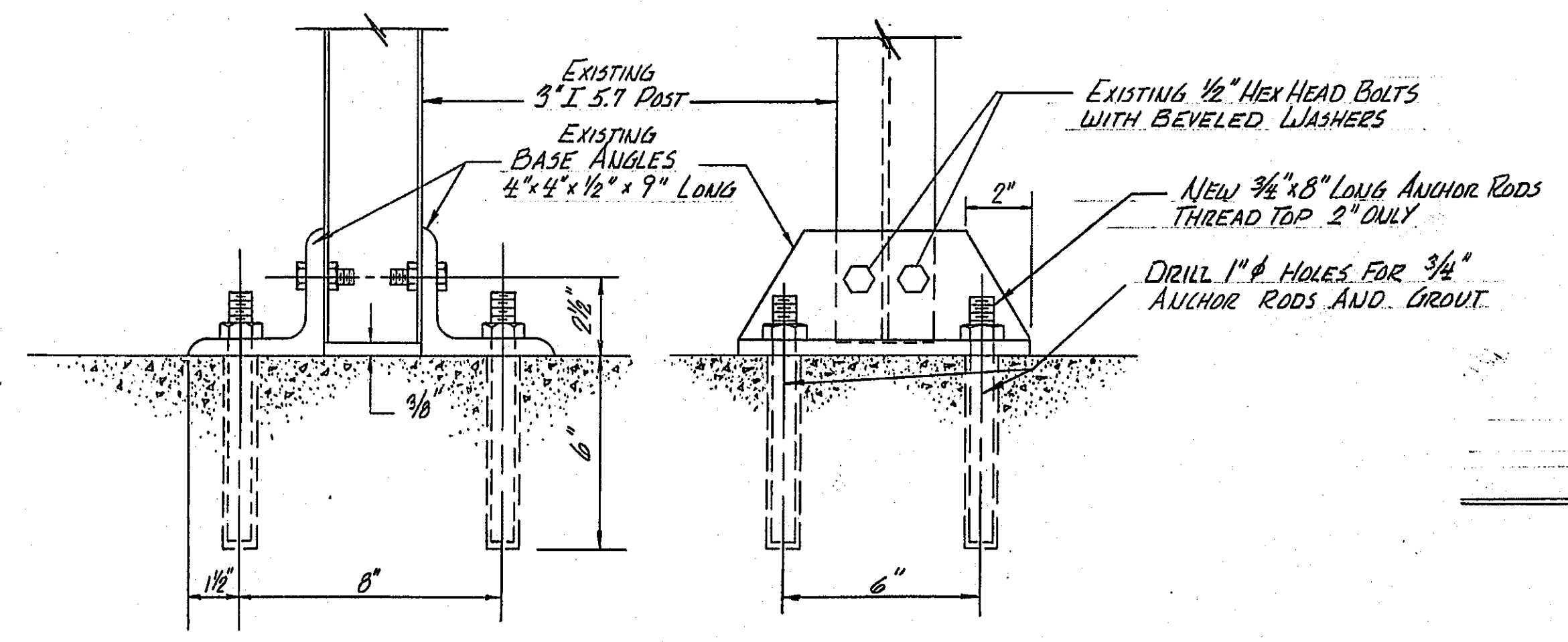
<

ESTIMATE OF QUANTITIES

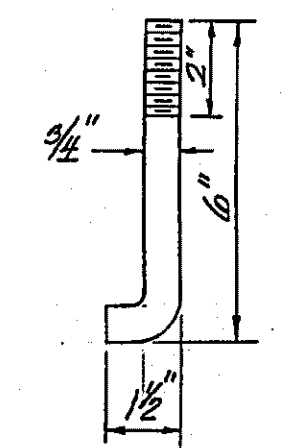
ITEM	DESCRIPTION	UNIT	N. GENESEE ST. M.P. 233.26	MOHAWK ST. M.P. 236.88	BARGE CANAL M.P. 237.13	MOHAWK RIVER M.P. 237.33	MAIN ST. M.P. 238.09	ORISKANY BLVD M.P. 238.22	ORISKANY CR. M.P. 240.80	UNIT	NEAT	ROUND	FINAL
1M	MOBILIZATION	T.S.	---	---	---	---	---	---	---	T.S.	NEC.	NEC.	NEC.
2S	UNCLASSIFIED EXCAVATION	C.Y.	1285	435	455	425	525	560	670	C.Y.	4355	4500	4231.3
4	SUBBASE COURSE, SELECT GRANULAR MATERIAL	C.Y.	825	280	295	270	340	360	430	C.Y.	2800	2900	2870.4
520S	CONCRETE PAVEMENT REBATE	L.F.	100	100	100	100	100	100	100	L.F.	700	700	231
18SL	CLASS A CONCRETE FOR STRUCTURES - LIGHTWEIGHT	C.Y.	41	60	185	8	42	7	5	C.Y.	348	360	69.16
28R	BAR REINFORCEMENT FOR STRUCTURES	L.D.	400	700	1200	50	100	50	25	LB.	2525	2600	0
453P	BASE COURSE ASPHALT CONCRETE - TYPE 1A	Ton	775	375	390	310	590	615	630	Ton	3685	3800	3319.81
51ACF	ASPHALT CONCRETE-TYPE 1AC (ARMOR COAT)	Ton	160	90	90	75	130	135	135	Ton	815	850	1602.62
51DB	ASPHALT CONCRETE-TYPE 1A (DENSE BINDER)	Ton	235	180	540	600	890	240	380	Ton	3065	3100	3607.10
51LR	ASPHALT CONCRETE TRUING AND LEVELING COURSE	Ton	42	42	42	42	42	42	42	Ton	294	300	468.73
52XT	ASPHALT CONCRETE TOP COURSE - BRIDGE	Ton	140	110	325	355	535	145	230	Ton	1840	1860	1851.51
76S	MAINTENANCE AND PROTECTION OF TRAFFIC	T.S.	12%	10%	23%	14%	21%	9%	11%	T.S.	100%	NEC.	NEC.
89X	REMOVING OLD BITUMINOUS CARPET	S.Y.	445	445	445	445	445	445	445	S.Y.	3115	3200	6580.7
95S	STONE CURB (GRANITE)	L.F.	35	100	190	---	---	---	---	L.F.	325	350	0
305B	EPOXY BONDING COMPOUND	GAL.	4	4	25	3	5	3	2	GAL.	46	50	135.5
389R	REMOVING BRIDGE WEARING COURSE	S.Y.	1660	1270	3830	4190	6290	1690	2700	S.Y.	21630	21700	21518.1
390	REMOVING STRUCTURAL CONCRETE DECK SLAB	C.Y.	41	60	185	8	42	7	5	C.Y.	348	360	69.16
400R	REHABILITATE PRESSURE RELIEF JOINTS	L.F.	50	50	50	50	50	50	50	L.F.	350	400	0
401	REMOVE AND RESET BRIDGE RAIL	L.F.	35	70	120	---	---	---	---	L.F.	225	250	0
410	INSTALLATION OF BRIDGE WEEPS	EA.	16	24	72	76	60	24	48	EA.	320	330	295
431	CLEAN AND REHABILITATE BRIDGE JOINTS	L.F.	210	210	120	105	105	210	430	L.F.	1390	1400	1493.
433	CLEAN AND SEAL ABUTMENT JOINTS	L.F.	200	200	225	100	200	200	280	L.F.	1405	1420	619
450A	SAWING ASPHALT CONCRETE PAVEMENT	L.F.	200	200	115	100	100	200	420	L.F.	1335	1350	2745
655BS	PROTECTIVE COATING	S.Y.	1670	1280	3860	4220	6330	1700	2720	S.Y.	21780	21800	22015.7
664LD	LINSEED OIL PROTECTIVE COATING FOR CONCRETE	GAL.	2	6	10	---	---	---	---	GAL.	18	20	0
841	REMOVE AND RESET CORRUGATED BEAM MAIL BARRIER.	L.F.	---	37.5	75	---	---	---	---	L.F.	112.5	125	0
700	Install 6" Dia C.M.P. Underdrain and Weeps @ M.P. 237-33	NEC.	---	---	---	0	---	---	---	NEC.	0	0	0
700X	Install 6" Dia C.M.P. Underdrain and Weeps @ M.P. 237-33	NEC.	---	---	---	0	---	---	---	NEC.	0	0	\$10,041.80
701	Provide Timber Curbs @ M.P. 240.80	NEC.	---	---	---	---	---	0	---	NEC.	0	0	\$1,011.75
702	Inspect Joint at M.P. 233.26	NEC.	0	---	---	---	---	---	---	NEC.	0	0	\$136.37

INFORMATION ABOUT STRUCTURES

MILEPOST	STRUCTURE	LENGTH	CURB TO CURB		ORIGINAL CONTRACT	ORIGINAL WEARING COURSE	SLAB
			EASTBOUND WIDTH	WESTBOUND WIDTH			
233.26	NORTH GENESEE STREET	152.00'	49'-0"	49'-0"	M.T. 53-11	4" CONCRETE	7"
236.88	MOHAWK ST. - COUNTY ROAD 107	116.12'	49'-0"	49'-0"	M.T. 53-7	4" CONCRETE	7 1/2"
237.13	BARGE CANAL	351.10'	49'-0"	49'-0"	M.T. 53-7	4" CONCRETE	8 1/2"
237.33	MOHAWK RIVER	384.00'	49'-0"	49'-0"	M.T. 53-7	4" CONCRETE	8 1/2"
238.09	MAIN STREET - N.Y.C.R.R.	577.00'	49'-0"	49'-0"	M.T. 53-7	4" CONCRETE	16 3/4"
238.22	ORISKANY BOULEVARD - RT. 69	154.75'	49'-0"	49'-0"	M.T. 53-7	4" CONCRETE	7 1/2"
240.80	ORISKANY CREEK	247.58'	49'-0"	49'-0"	M.T. 52-12	4" CONCRETE	7"



DETAIL OF ANCHORAGE ON STRUCTURAL WALL
ITEM 841



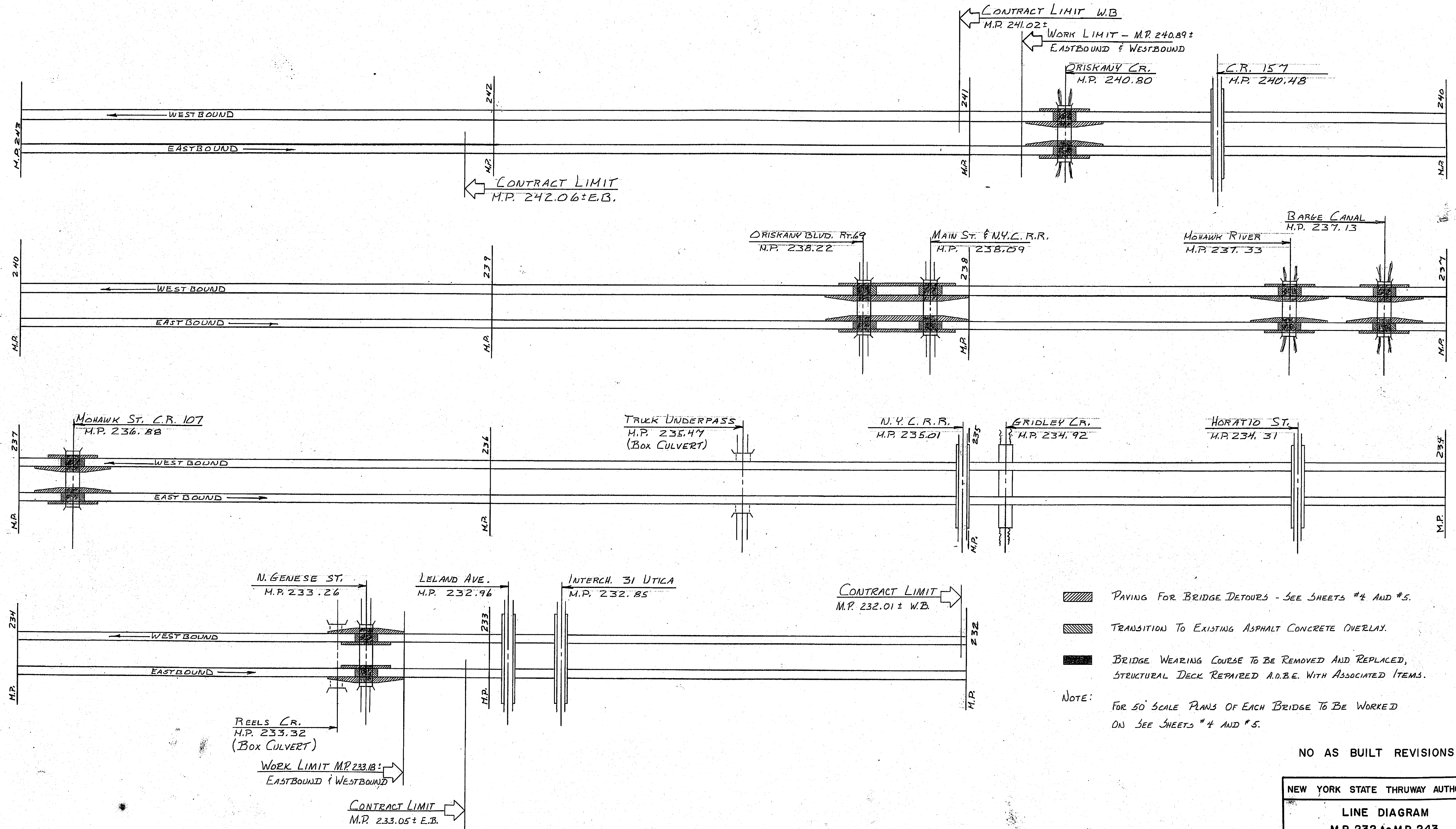
ALTERNATE ANCHOR BOLT
IF SET IN NEW CONCRETE

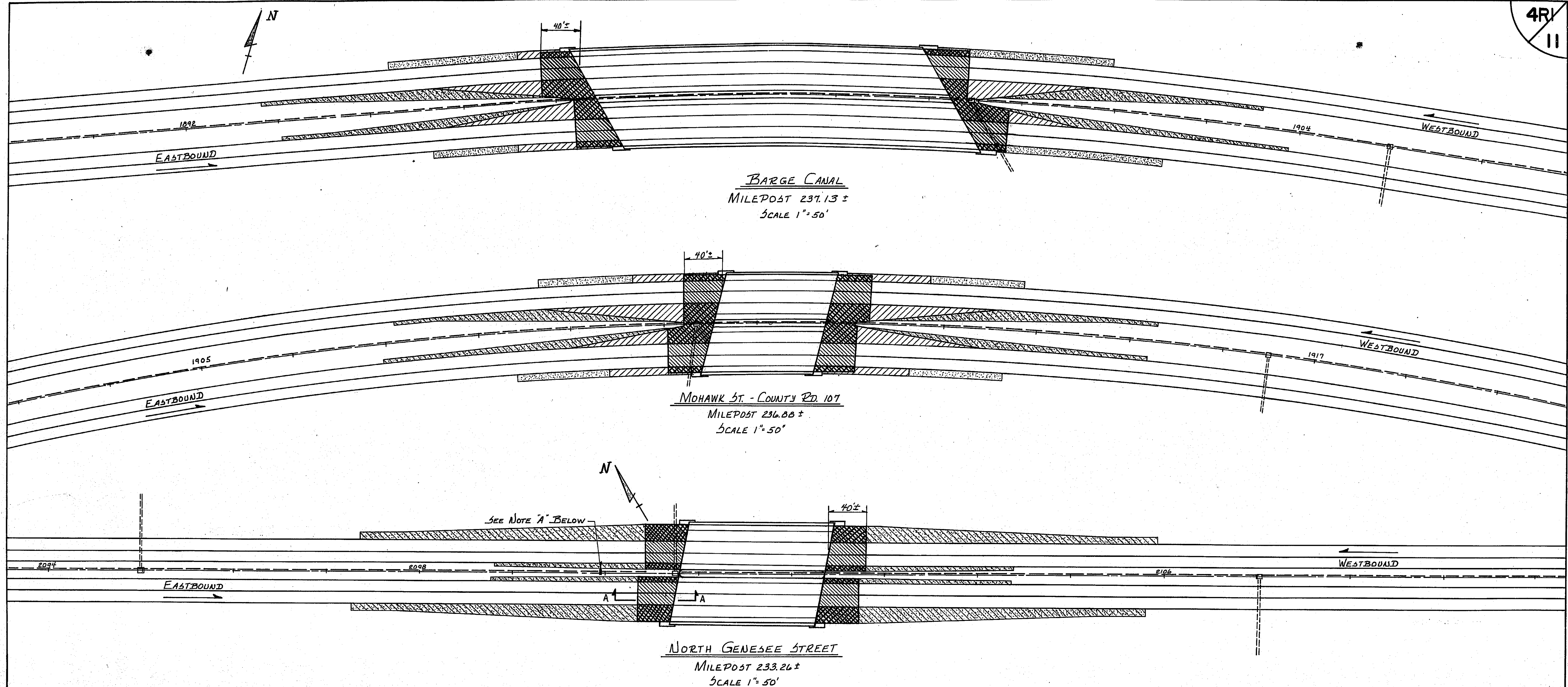
AS BUILT
REVISIONS MADE ON THIS SHEET ARE:
ADDITION OF FINAL QUANTITIES

NEW YORK STATE THRUWAY AUTHORITY

TABLES

Drawn By.....
Traced By.....
Checked By.....

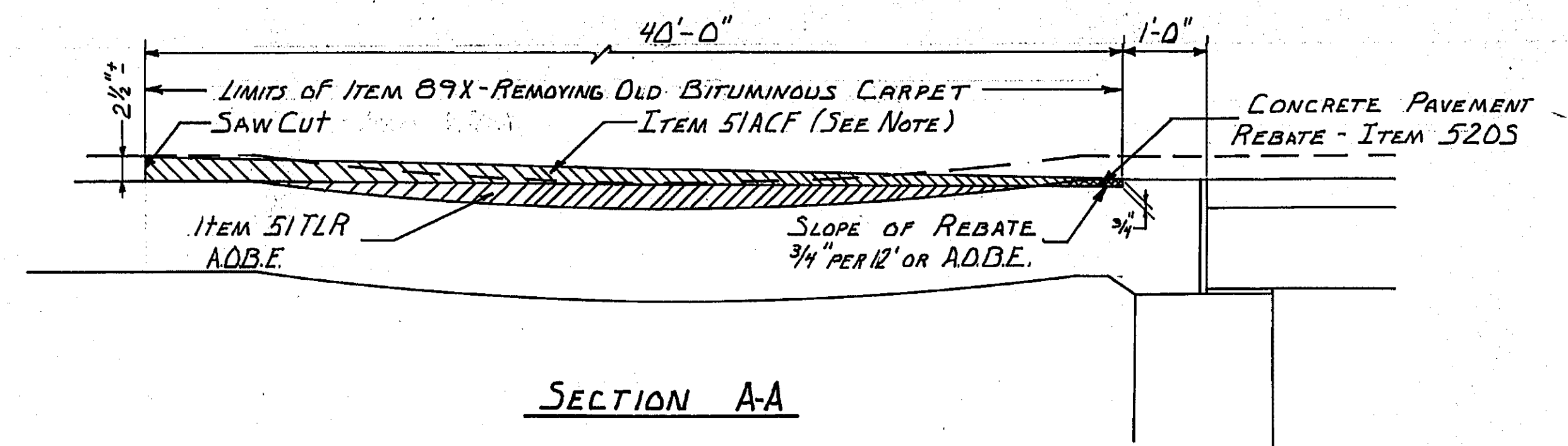




- EXISTING ASPHALT CONCRETE OVERLAY TO BE REMOVED UNDER ITEM 89X AND REPLACED AS PER SECTION A-A.
- NEW ASPHALT CONCRETE PAVEMENT ONLY. SEE SECTION A-A ON SHEET # 9.
- NEW ASPHALT CONCRETE PAVEMENT WITH 12" ITEM 4. SEE SECTION B-B ON SHEET # 9.
- EXISTING ASPHALT CONCRETE PAVEMENT TO REMAIN.

--- EXISTING CORRUGATED BEAM WALL BARRIER.

NOTE "A" -
EXISTING 4'x5' "NO U TURN" SIGN TO
BE REMOVED BY OTHERS I.O.B.E.



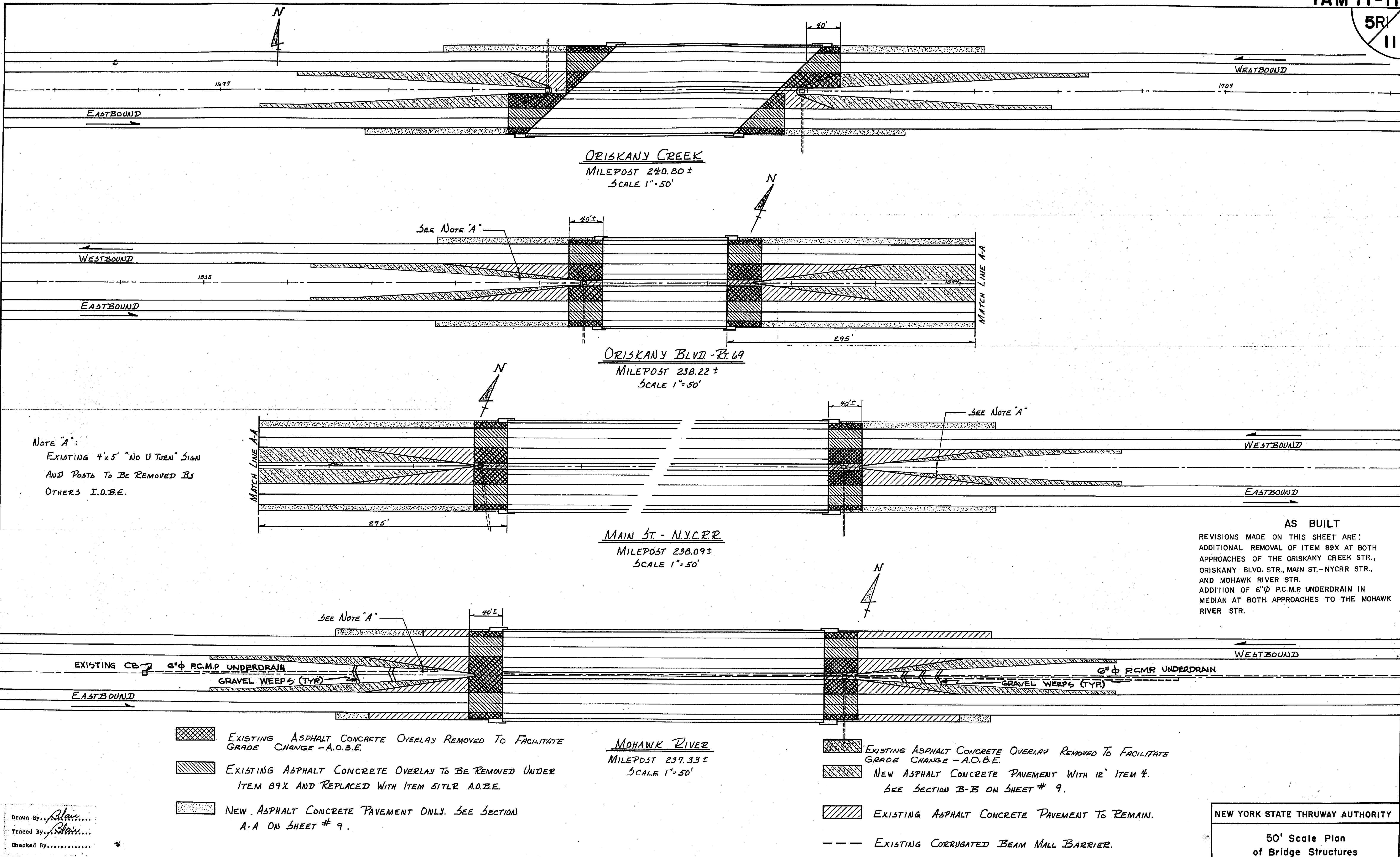
NOTE:
WHERE THICKNESS OF ITEM 51ACF
EXCEEDS 1 1/4" IT SHALL BE PLACED
IN TWO LIFTS, A.O.B.E.

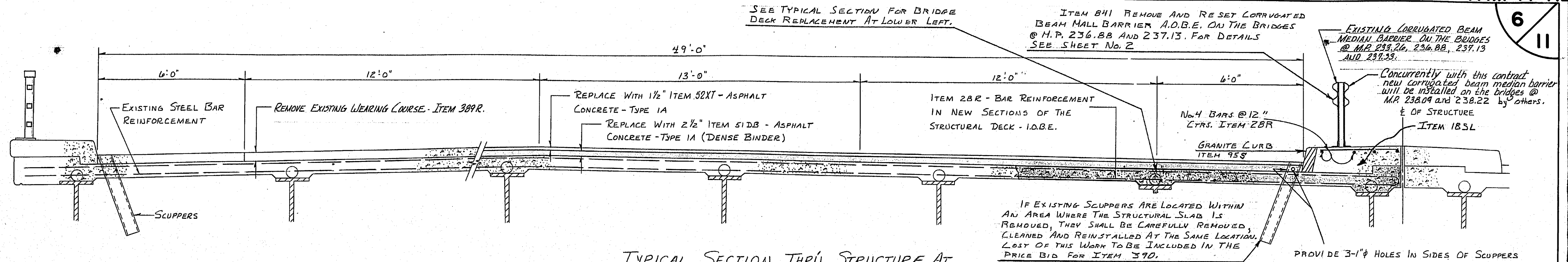
AS BUILT

REVISIONS MADE ON THIS SHEET ARE:
ADDITIONAL REMOVAL OF ITEM
89X AT BOTH APPROACHES OF THE
BARGE CANAL STRUCTURE, MOHAWK ST.
STRUCTURE, AND THE NORTH GENESEE
ST. STRUCTURE.

NEW YORK STATE THRUWAY AUTHORITY

50' Scale Plan
of Bridge Structures





TYPICAL SECTION THRU STRUCTURE AT

NORTH GENESEE ST. — M.P. 233.26
 MOHAWK ST. & C.O.R.D. #107 — M.P. 236.88
 BARGE CANAL — M.P. 237.13
 MOHAWK RIVER — M.P. 237.33
 MAIN ST. & N.Y.C.R.R. — M.P. 238.09
 ORISKANY BLVD. RT. 69 — M.P. 238.22
 ORISKANY CREEK — M.P. 240.80

NOTE: FOR TABULATION OF LENGTH, WIDTH, SLAB THICKNESS, ETC. FOR THE ABOVE STRUCTURES, SEE SHEET No. 2.

NOTE

THE FULL EXTENT OF THE WORK TO BE DONE ON THE STRUCTURAL DECKS WILL BE DETERMINED AFTER THE REMOVAL OF THE EXISTING WEARING COURSE. THE CONTRACTOR IS REQUIRED TO REVIEW THE CONTRACT PLANS FOR STRUCTURES ON WHICH WORK UNDER THIS CONTRACT IS TO BE PERFORMED. PLANS ARE AVAILABLE AT THE ADMINISTRATIVE HEADQUARTERS, DELAWARE PLAZA, ELSMERE, NEW YORK. ADDRESS ALL MAIL TO P.O. BOX No. 189, ALBANY, NEW YORK 12201.

CONTRACTS:

M.T. 53-7
 M.T. 53-11
 M.T. 52-12

ITEM 655 BS PROTECTIVE COATING TO BE PLACED AFTER ALL WEEPS ARE INSTALLED AND SHALL BE CARRIED UP THE VERTICAL FACE OF THE CURB A MINIMUM OF 1" ABOVE FINAL SURFACE OF PAVEMENT.

PAINT WITH EMULSION BEFORE PAVING
 WIRE MESH OVER WEEP OPENING BEFORE PAVING

PROTECTIVE COATING

EXISTING WEARING COURSE BEING REMOVED AND REPLACED WITH ASPHALT CONC.

EXIST. CEMENT CONCRETE STRUCTURAL DECK

DRILL 2 1/2" ROUND HOLE (USE DIAMOND CORE DRILL)

2 1/2" O.D. PLASTIC PIPE BONDED TO CONCRETE WITH EPOXY COMPOUND. PIPE TO EXTEND BELOW STRUCTURAL STEEL A.O.B.E.

NOTE: WEERS TO BE LOCATED A.O.B.E. NO WEERS TO BE LOCATED OVER ROADWAYS OR RAILROAD TRACKS.

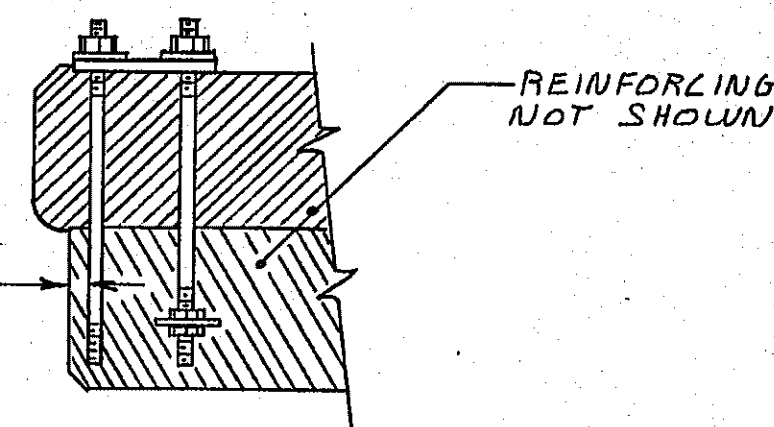
INSTALLATION OF WEERS - ITEM 410

SCALE 1" = 1'-0"

NOTE:

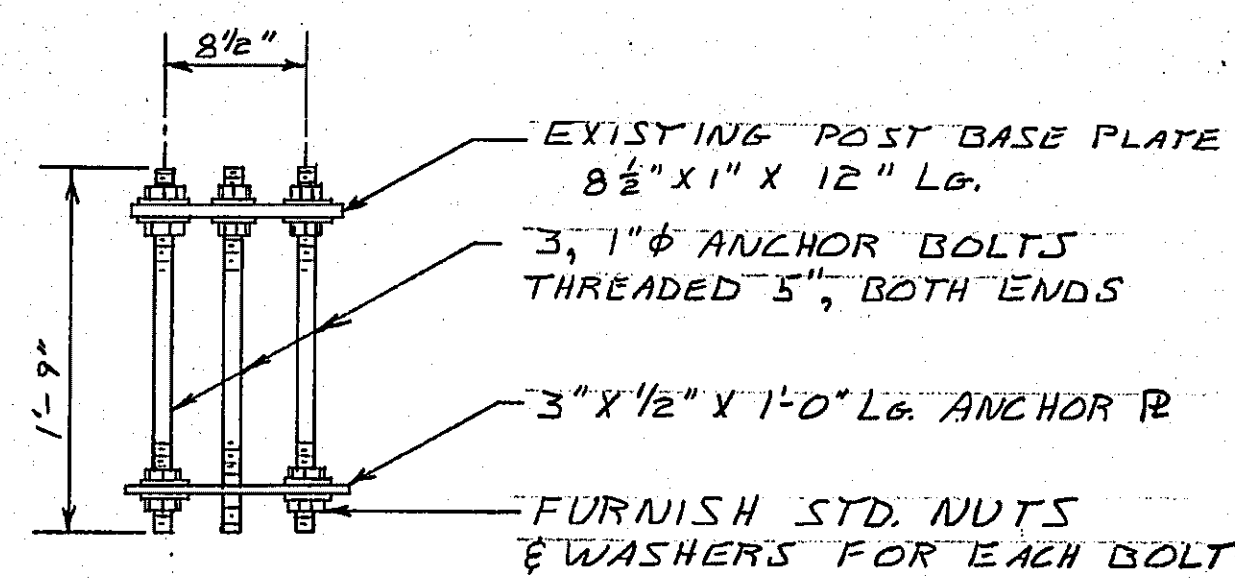
AFTER NUTS HAVE BEEN TIGHTENED, BOLTS SHALL BE CUT FLUSH WITH TOP OF NUTS, AND FIELD GALVANIZED A.O.B.E.

2" COVER



ANCHOR BOLT ASSEMBLY

ANCHOR BOLTS



ANCHOR PLATE ASSEMBLY

FURNISH AND INSTALL UNDER ITEM 401

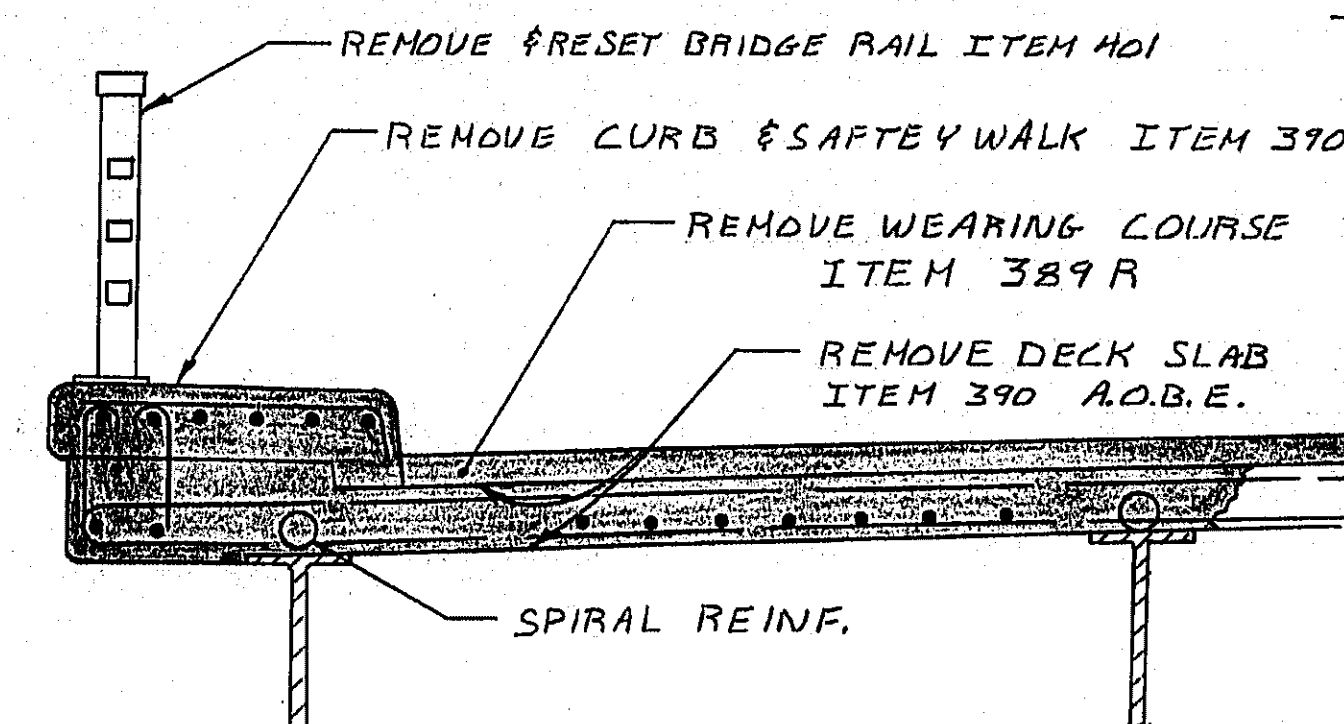
NEW REINFORCING TO BE PAID FOR UNDER ITEM 28R

* 4 BARS @ 12" CTRS.

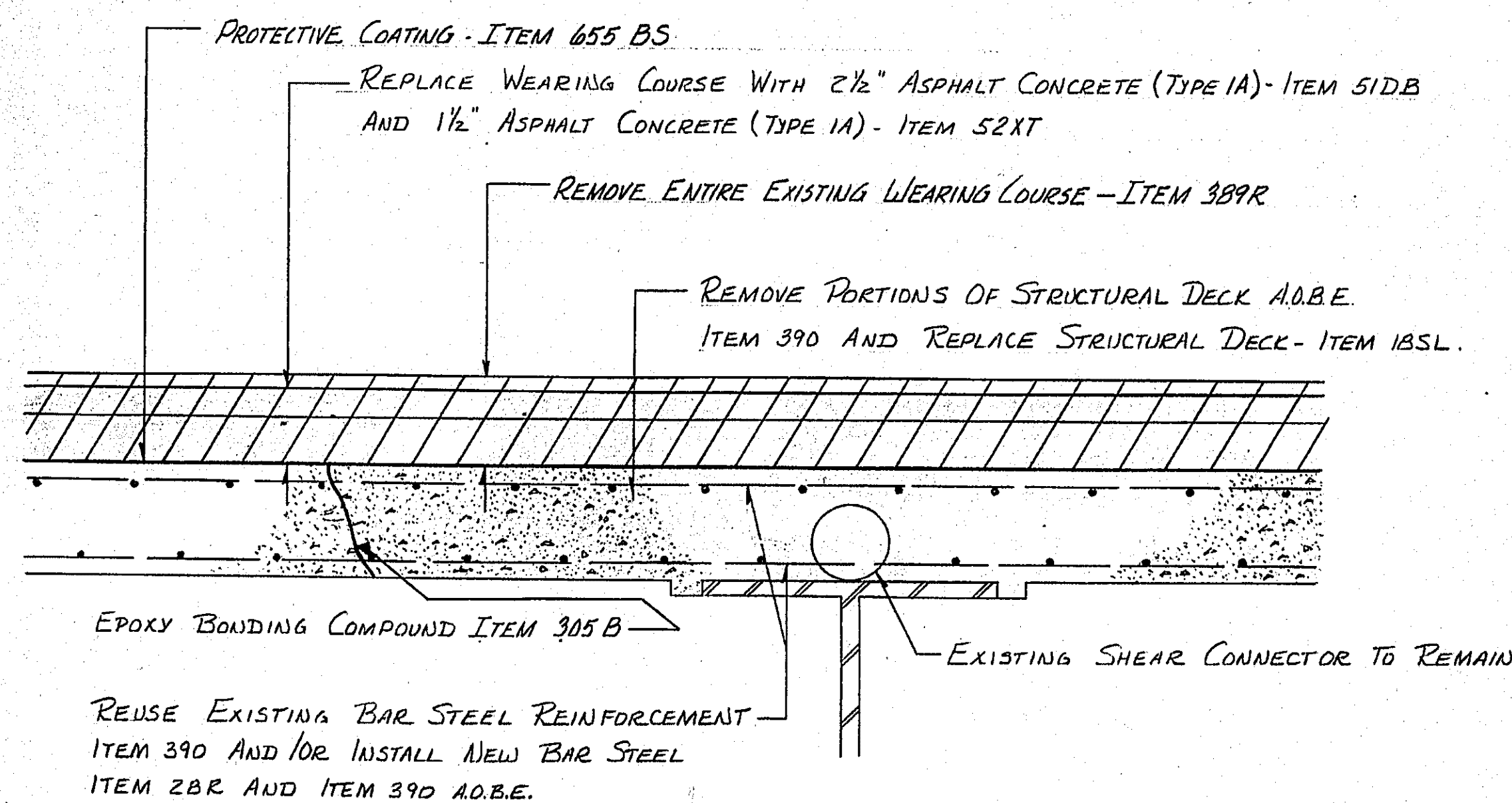
* 4 BARS @ 8" CTRS.

* 4 STIRRUPS @ 12" CTRS.

ITEM 18SL

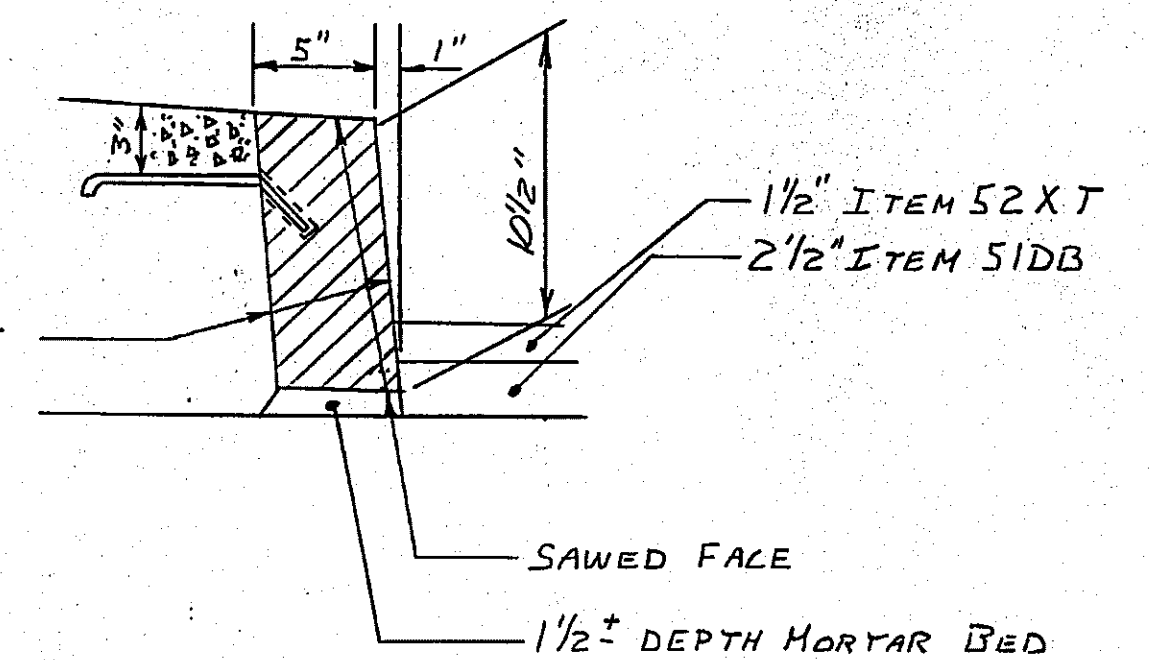


EXISTING



TYPICAL SECTION FOR BRIDGE DECK REPLACEMENT

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



GRANITE CURB

ITEM 95S

BRIDGE RAIL TO BE REMOVED AND RESET UNDER ITEM 401.

1/2" φ ANCHORS 2 PER LENGTH (ITEM 95S)

GRANITE CURB ITEM 95S SEE DETAIL ABOVE.

PROTECTIVE COATING ITEM 655 BS

REPLACE STRUCTURAL DECK ITEM 18SL

COAT WITH EPOXY COMPOUND BEFORE PLACING NEW CONCRETE, ITEM 305B

1/2" MORTAR BED

MAINTAIN SAME LINE & GRADE AS EXISTING

NOTE: FOR ANCHOR BOLT ASSEMBLY, SEE DETAIL, THIS SHEET.

PROPOSED

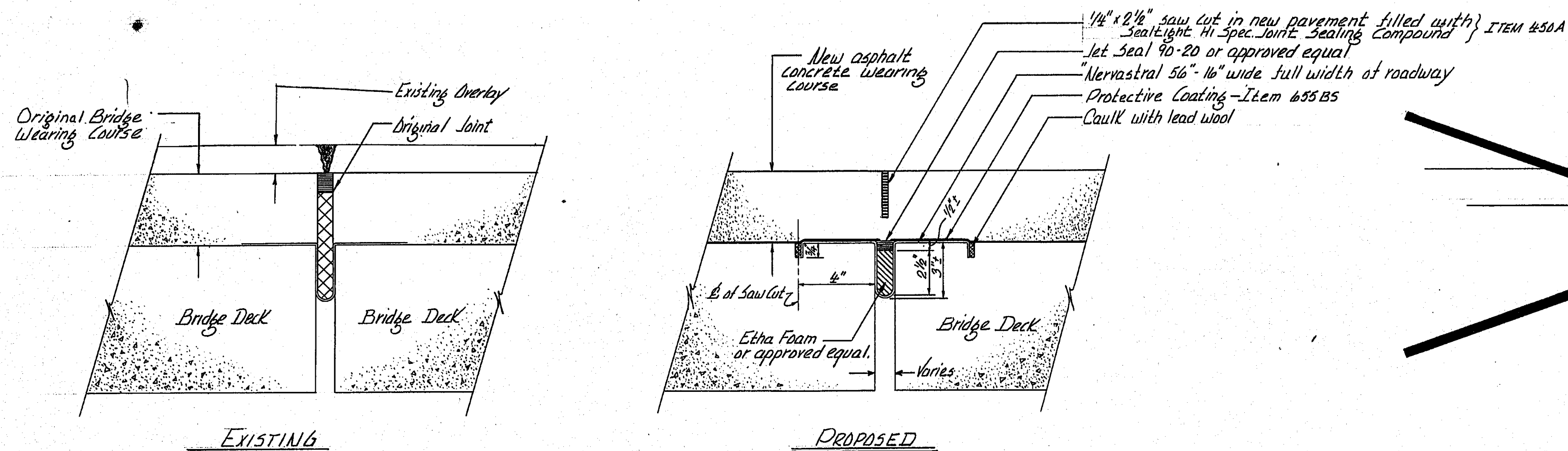
NO AS BUILT REVISIONS

PARTIAL SECTION

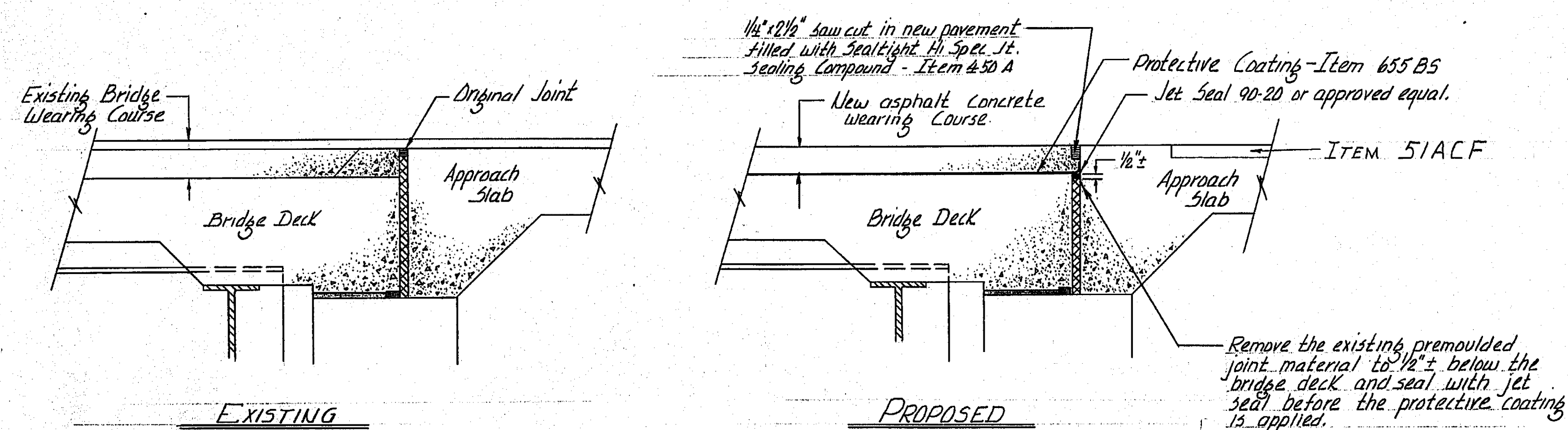
GENESEE ST. M.P. 233.26
 MOHAWK ST. M.P. 236.88
 BARGE CANAL M.P. 237.13

NEW YORK STATE THRUWAY AUTHORITY

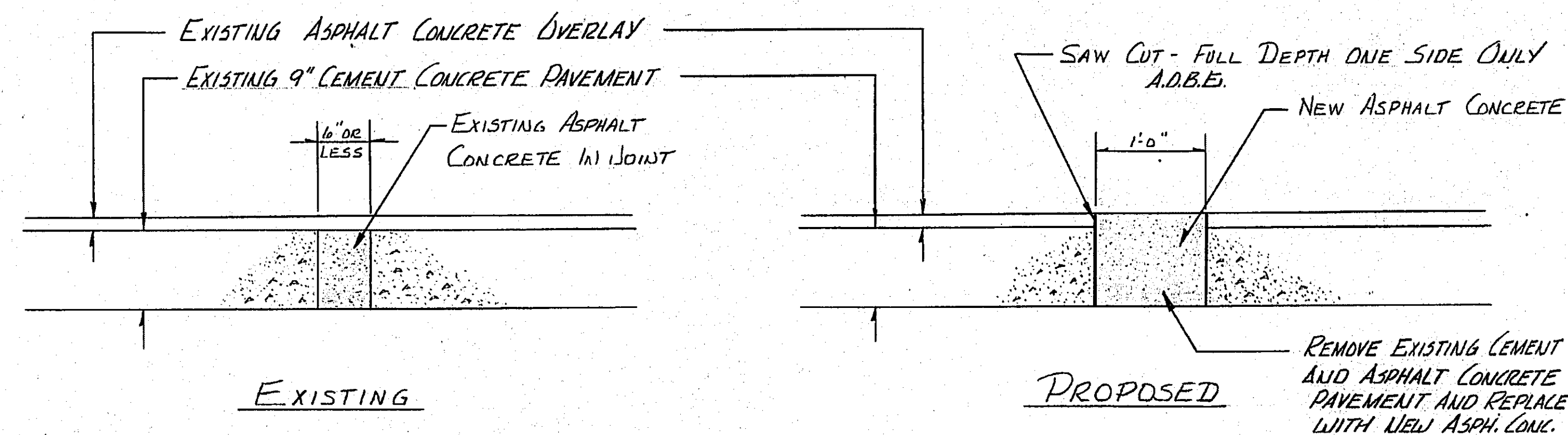
TYPICAL SECTIONS



ITEM 431- CLEAN & REHABILITATE BRIDGE JOINTS

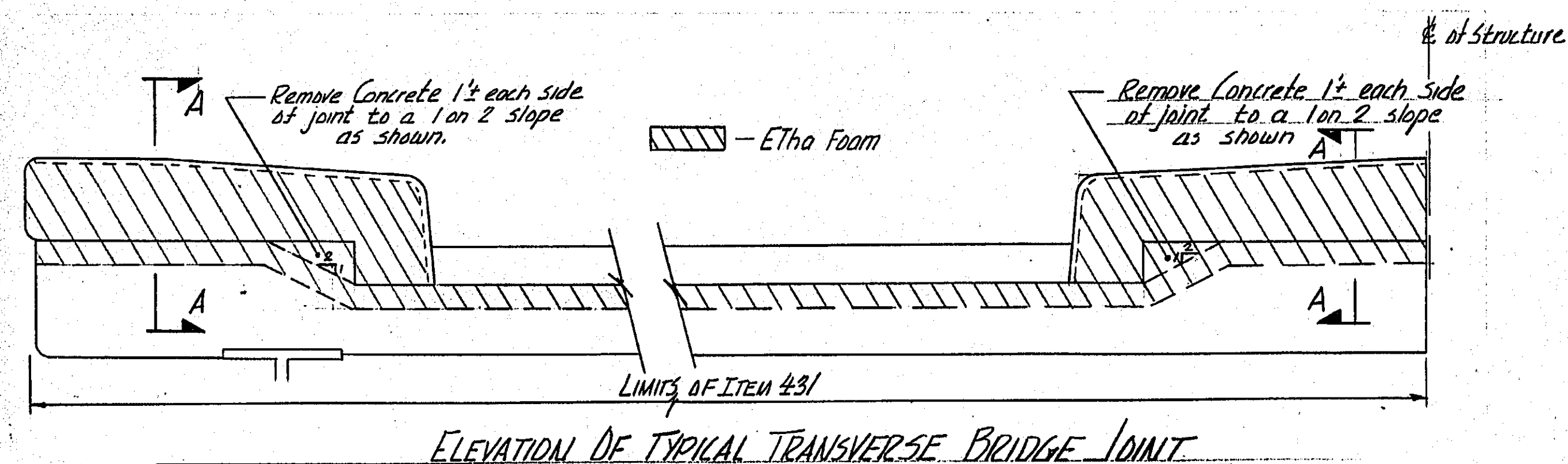


ITEM 433- CLEAN & SEAL ABUTMENT JOINTS

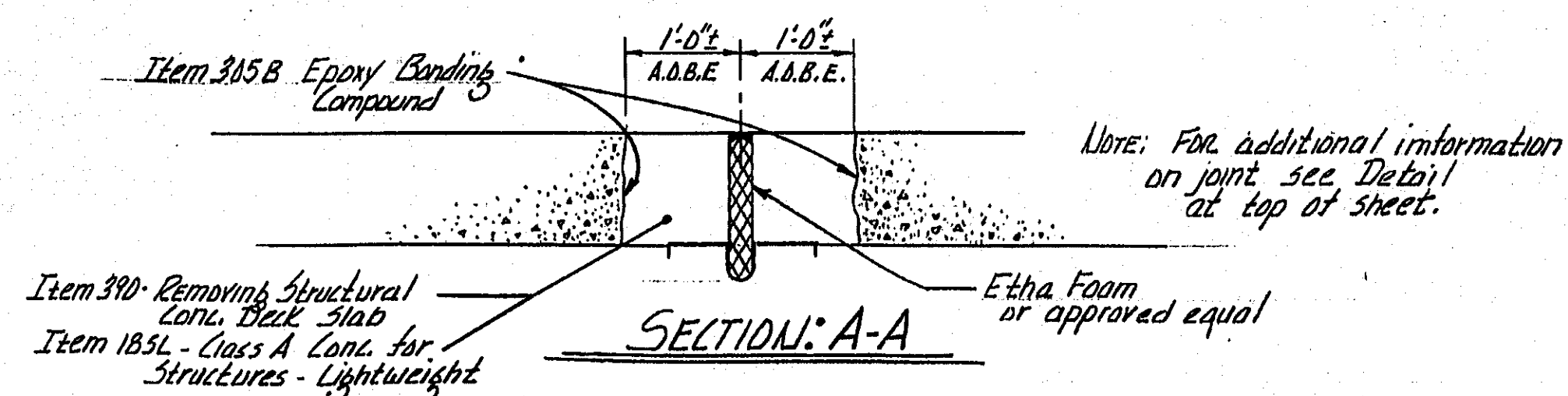


ITEM 400R- REHABILITATE PRESSURE RELIEF JOINTS

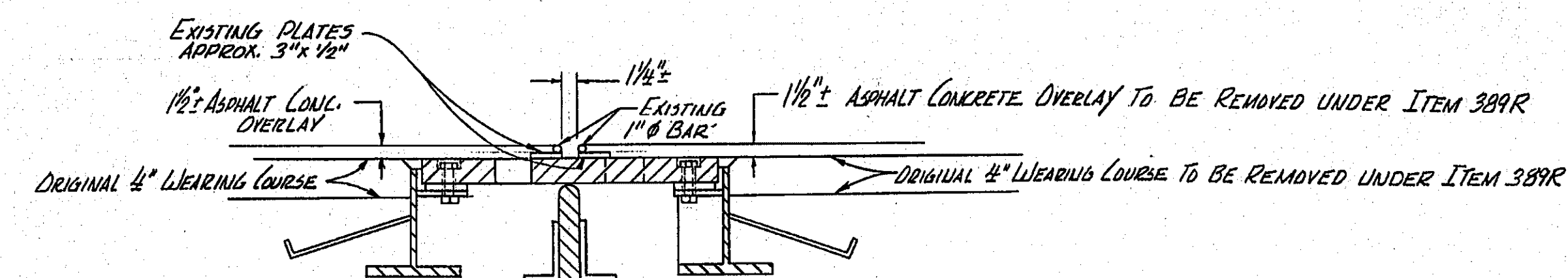
SCALE 1" = 1'-0"



ELEVATION OF TYPICAL TRANSVERSE BRIDGE JOINT



SECTION: A-A



FINGER JOINT DETAIL

AT STRUCTURES
 BARGE CAVAL - M.P. 237.13
 MOHAWK RIVER - M.P. 237.33

THE CONTRACTOR SHALL REMOVE THE EXISTING STEEL PLATES (APPROX. 3"x 1/2") AND 1" Ø BARS THAT ARE WELDED TO THE EXISTING FINGERS AS ORDERED BY AND TO THE SATISFACTION OF THE ENGINEER. THE COST OF THE REMOVAL AND DISPOSAL OF THIS MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 389R.

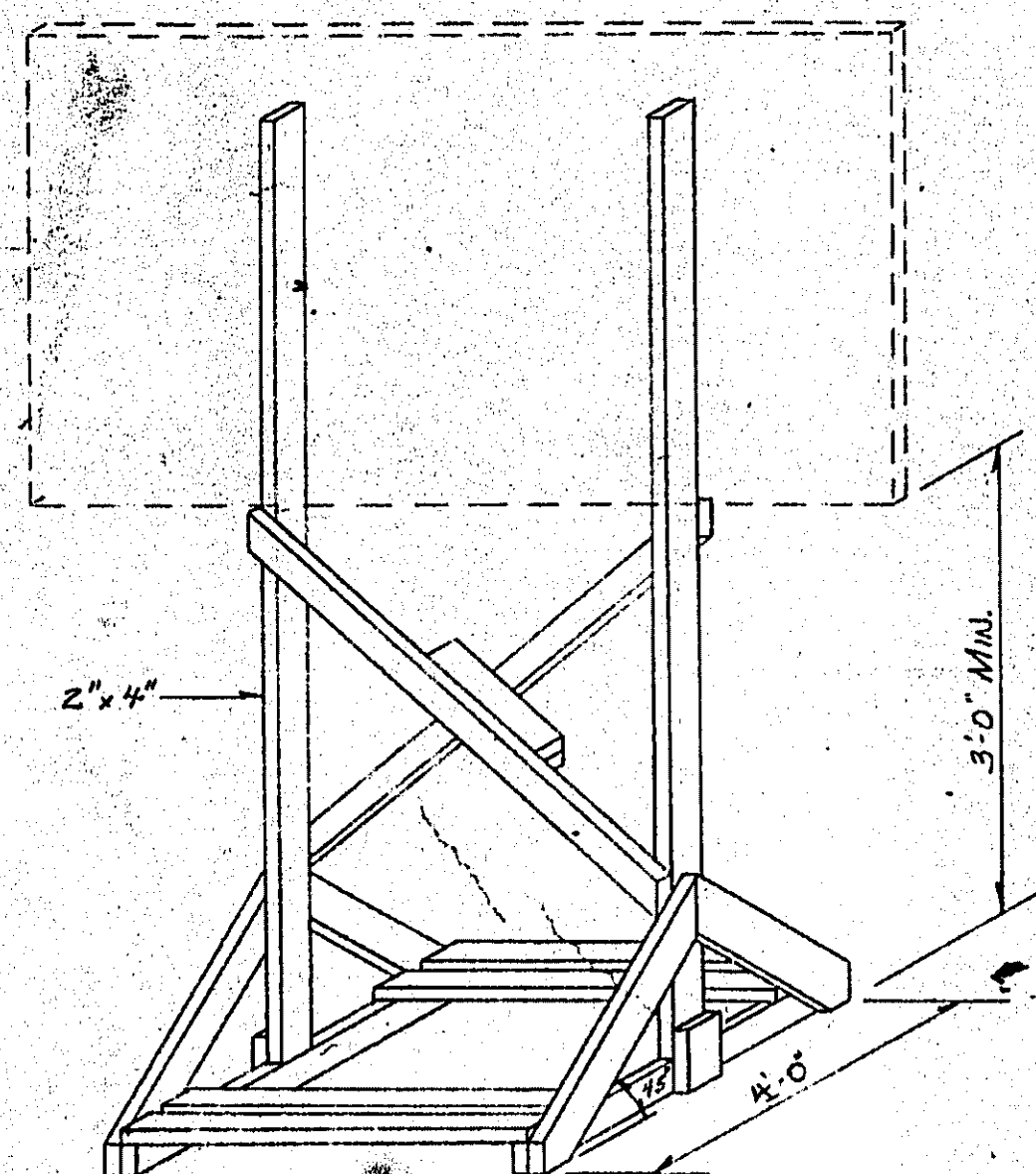
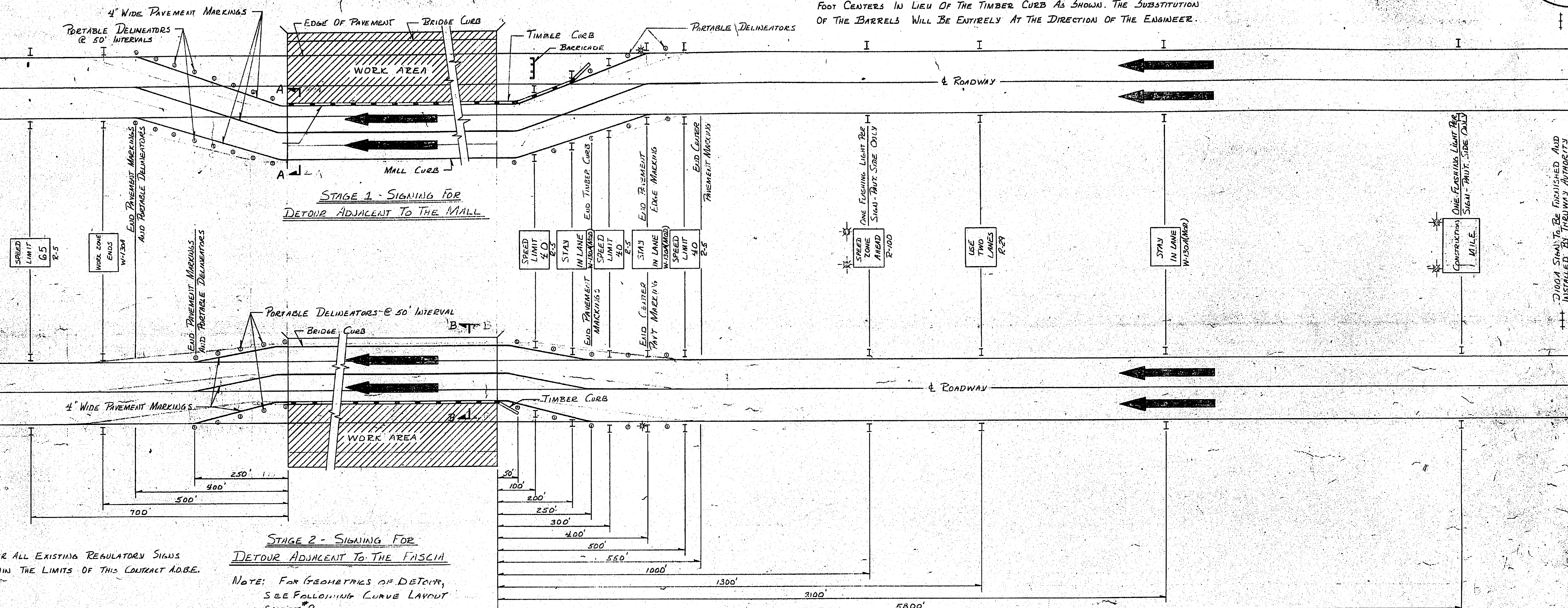
NO AS BUILT REVISIONS

NEW YORK STATE THRUWAY AUTHORITY

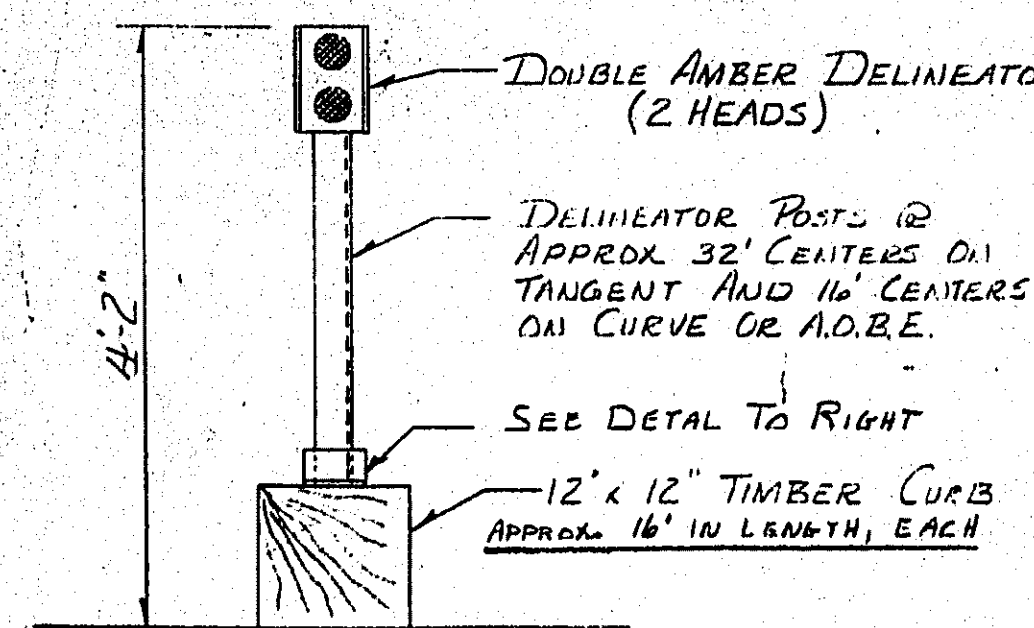
JOINT DETAILS

SPECIAL NOTE:

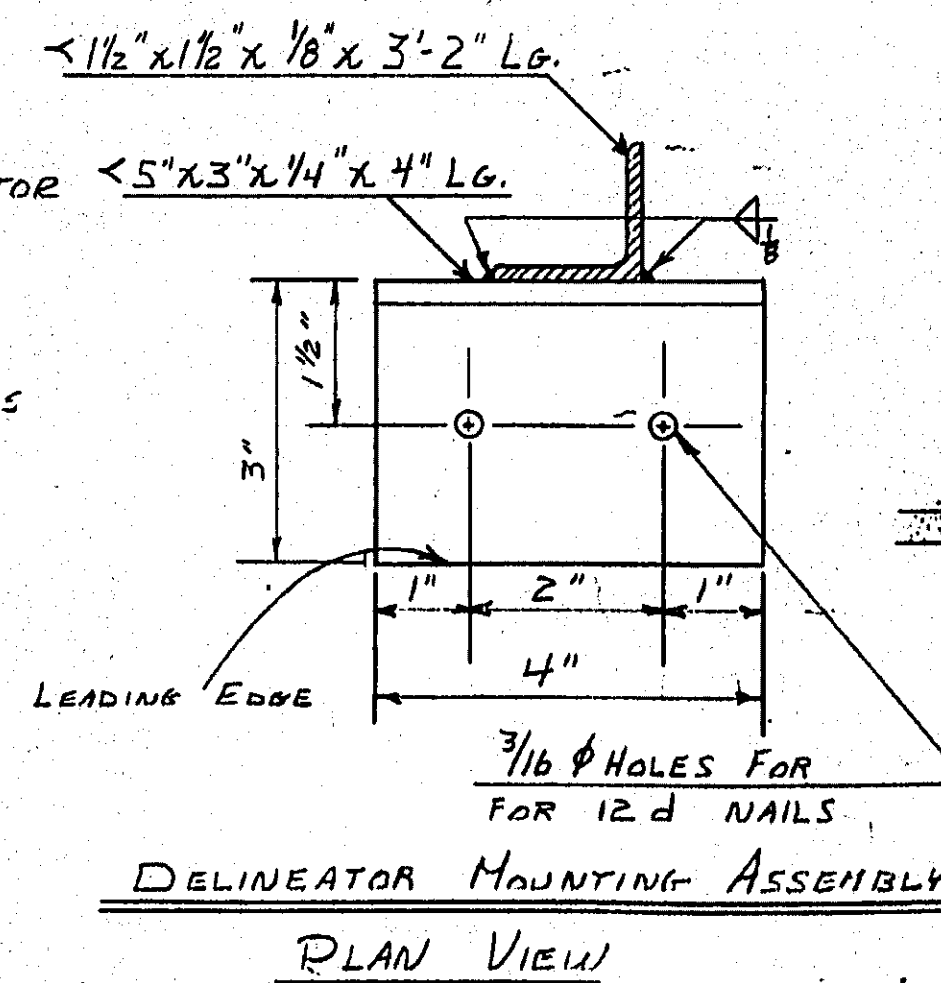
IF THERE IS NO STRUCTURAL DECK REPAIR IN THE WORK AREA WITHIN 10 FEET OF THE TRAVELED WAY, THE CONTRACTOR MAY PLACE BARRELS @ 25 FOOT CENTERS IN LIEU OF THE TIMBER CURB AS SHOWN. THE SUBSTITUTION OF THE BARRELS WILL BE ENTIRELY AT THE DIRECTION OF THE ENGINEER.



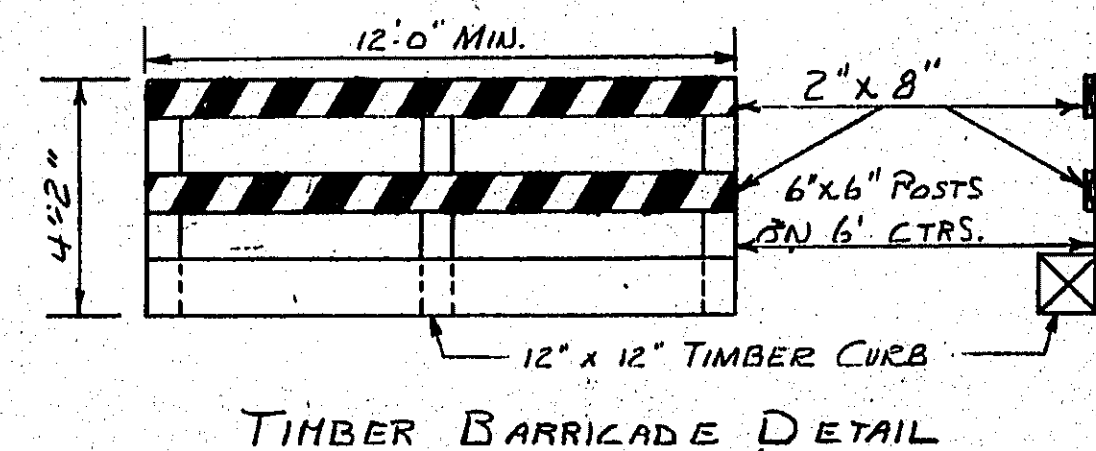
TIMBER SIGN SUPPORT
NOT TO SCALE



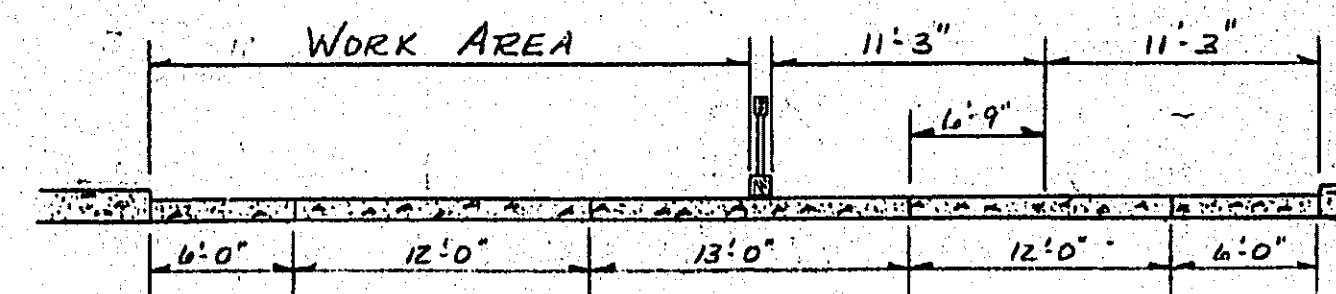
PLACEMENT OF TEMPORARY
TIMBER CURB
SCALE 3/4" = 1'-0"



DELINEATOR MOUNTING ASSEMBLY
PLAN VIEW

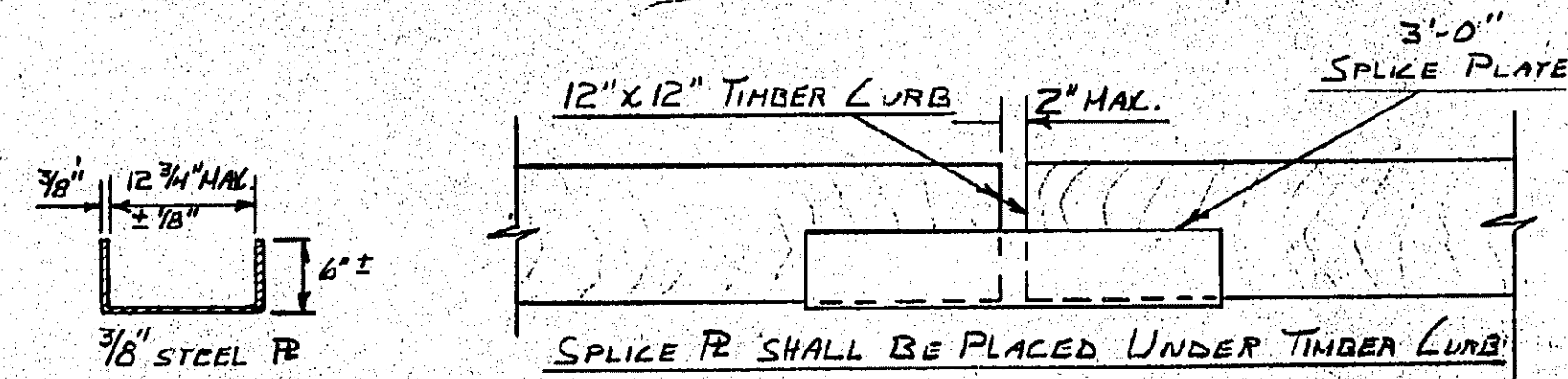


TIMBER BARRICADE DETAIL

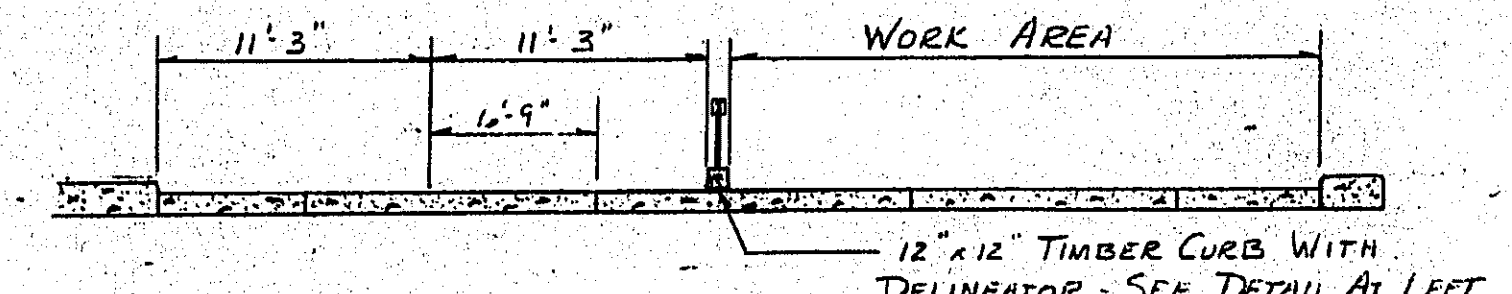


SECTION B-B
SCALE 1/8" = 1'-0"

NOTE: ALL FLASHING LIGHTS AS SHOWN ON THIS SHEET SHALL BE PLACED IN OPERATION FROM 1/2 HOUR AFTER SUNSET TO 1/2 HOUR BEFORE SUNRISE OR A.D.B.E.



SPLICE PLATE DETAIL



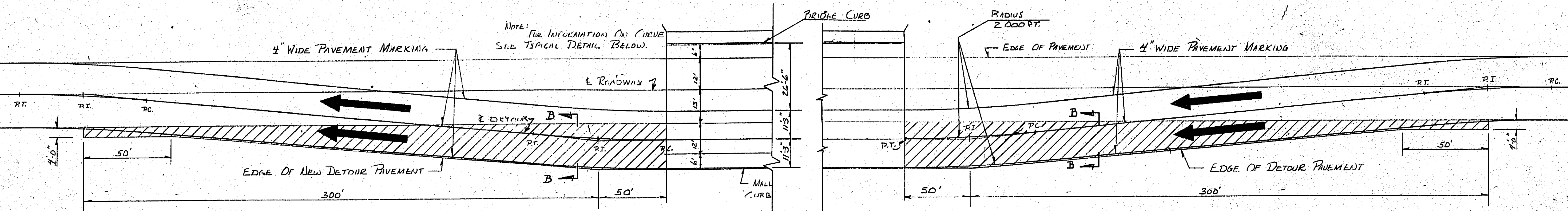
SECTION A-A
SCALE 1/8" = 1'-0"

PORTABLE DELINEATOR (DETAIL ON SHEET #10)
FLASHING LIGHTS (PAU'T. SIDE ONLY)

Drawn By
Traced By
Checked By

NO AS BUILT REVISIONS
APPROVED BY: Director of Operations

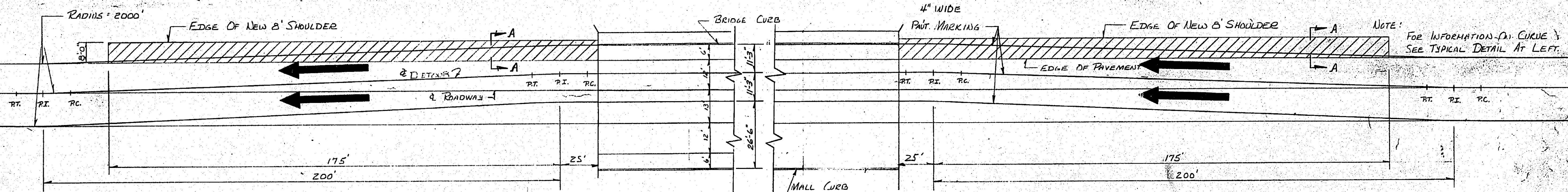
NEW YORK STATE THRUWAY AUTHORITY
TRAFFIC CONTROL PLAN
TWO LANE BRIDGE DETOUR



NEW PAVEMENT REQUIRED IN THIS AREA
FOR TWO LANE BRIDGE DETOUR.

DETOUR PLAN - STAGE 1

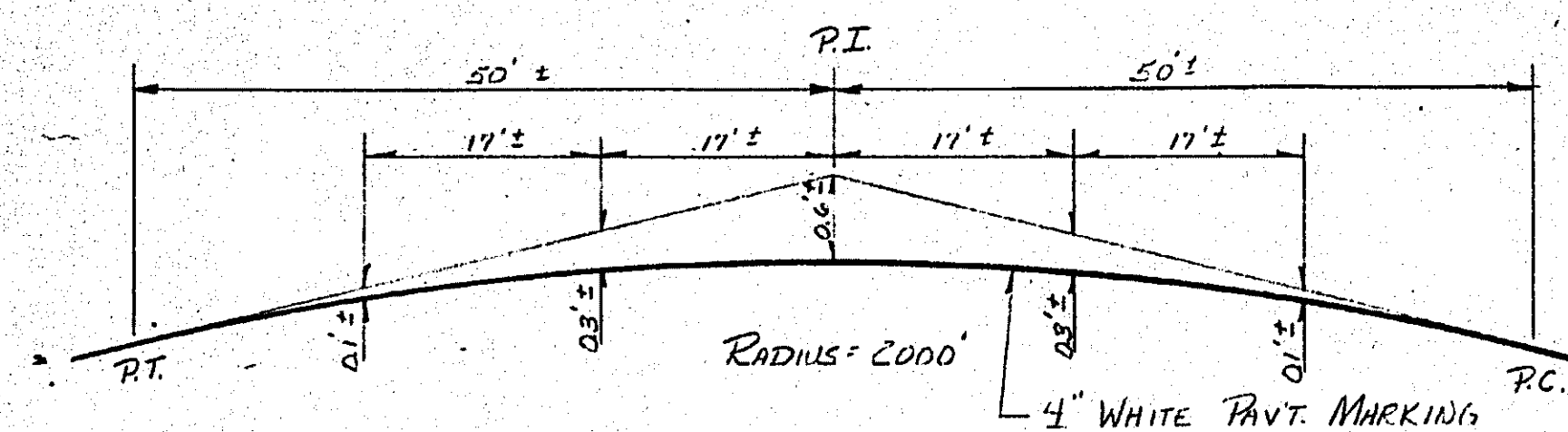
HORIZONTAL SCALE
VERTICAL SCALE 1" = 20'-0"



8' SHOULDER REPLACEMENT REQUIRED IN THIS
AREA FOR TWO LANE BRIDGE DETOUR.

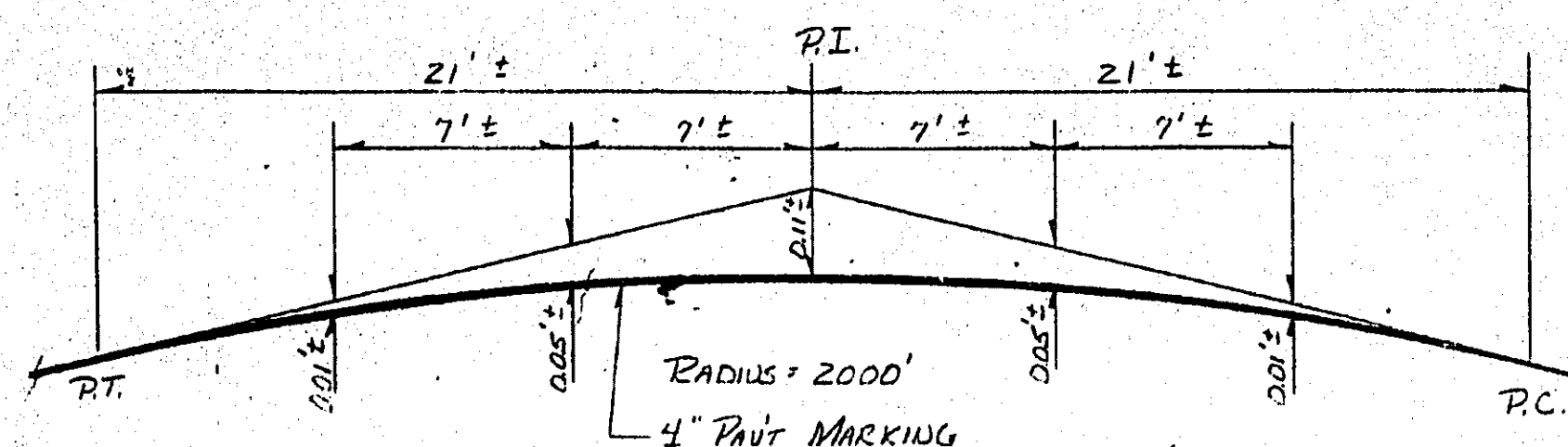
DETOUR PLAN - STAGE 2

HORIZONTAL SCALE
VERTICAL SCALE 1" = 20'-0"



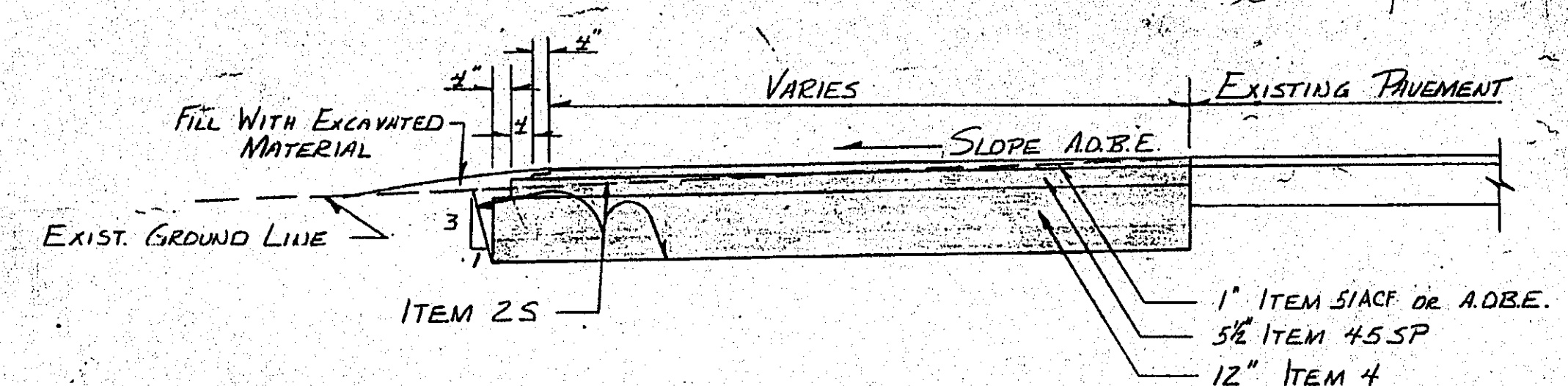
TYPICAL STRIPING DETAIL - STAGE 1

NOT TO SCALE



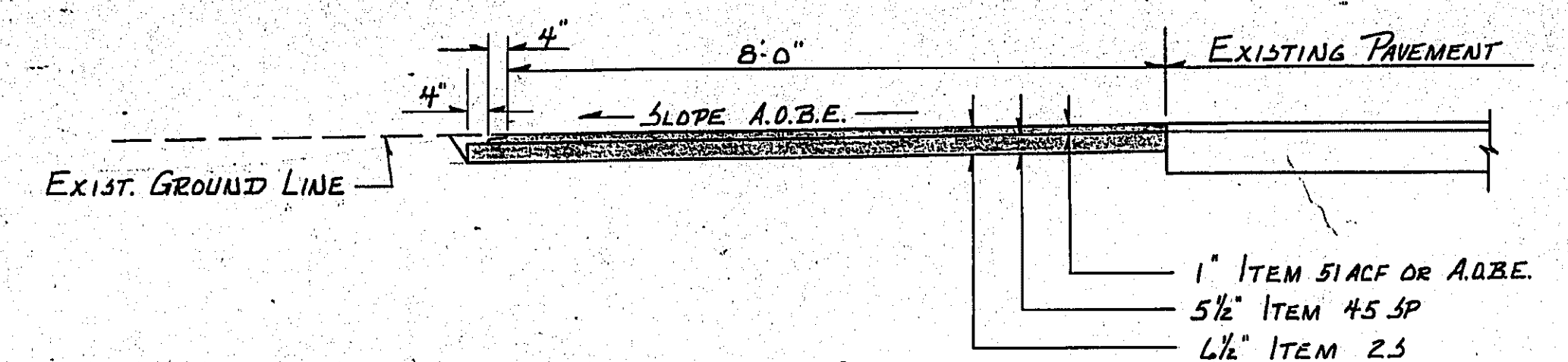
TYPICAL STRIPING DETAIL - STAGE 2

NOT TO SCALE



SECTION B-B THRU TEMPORARY DETOUR

NOT TO SCALE



SECTION A-A THRU TEMPORARY DETOUR

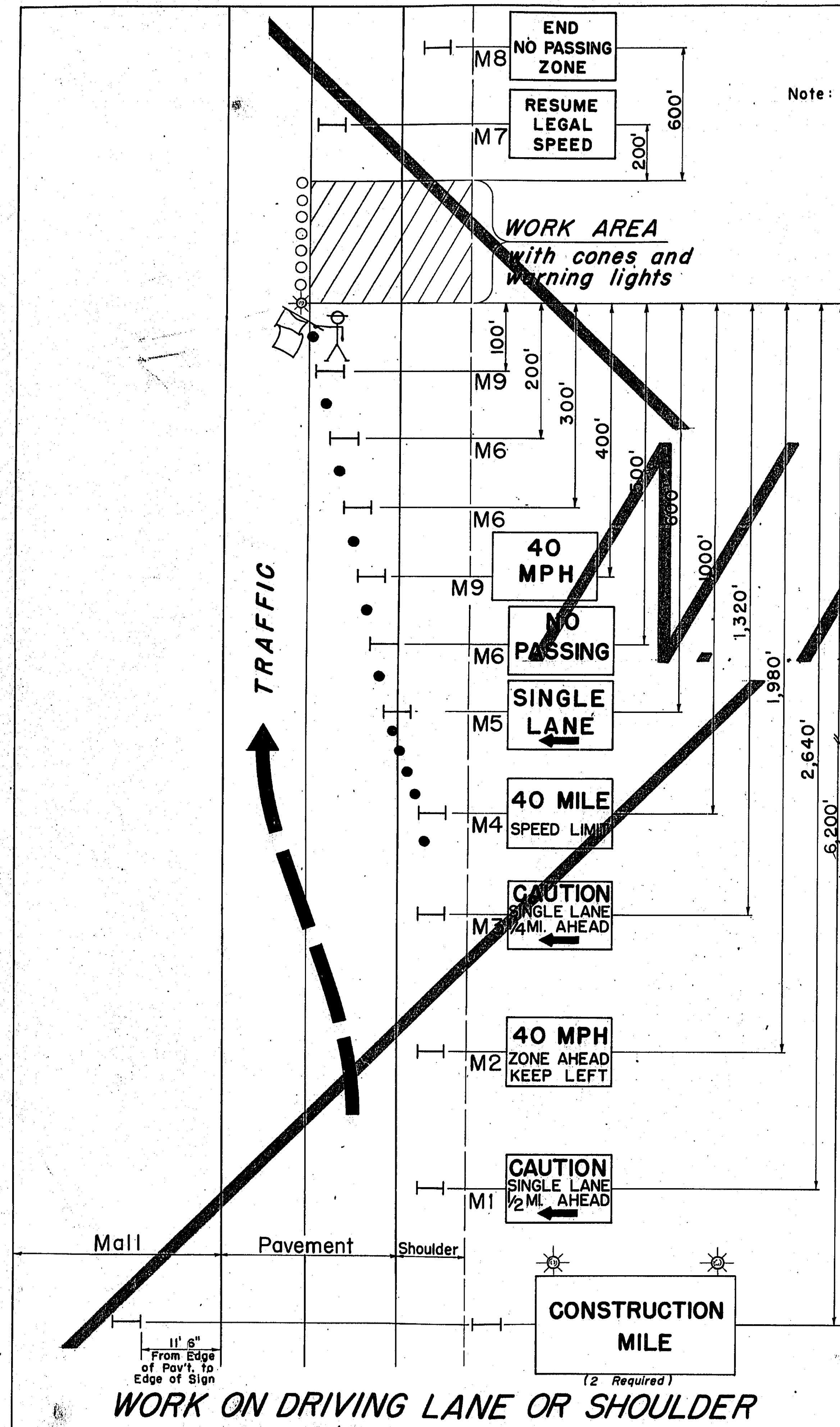
NOT TO SCALE

NO AS BUILT REVISIONS

NEW YORK STATE THRUWAY AUTHORITY

TRAFFIC CONTROL PLAN
CURVE LAYOUT FOR
TWO LANE BRIDGE DETOUR

NO AS BUILT REVISIONS



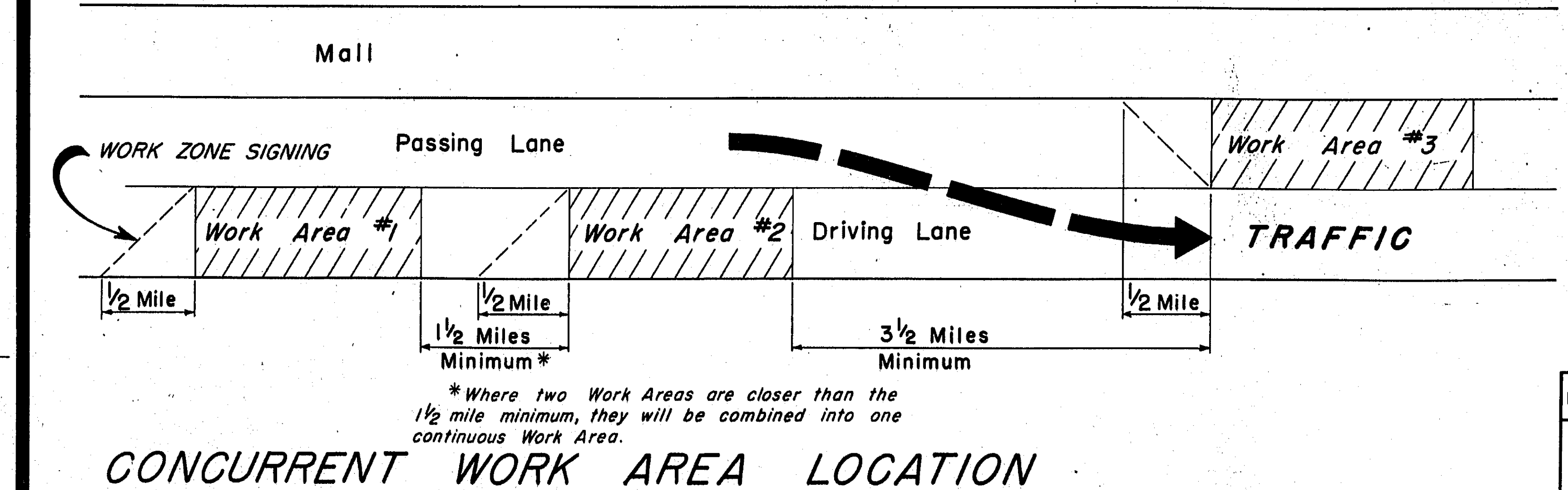
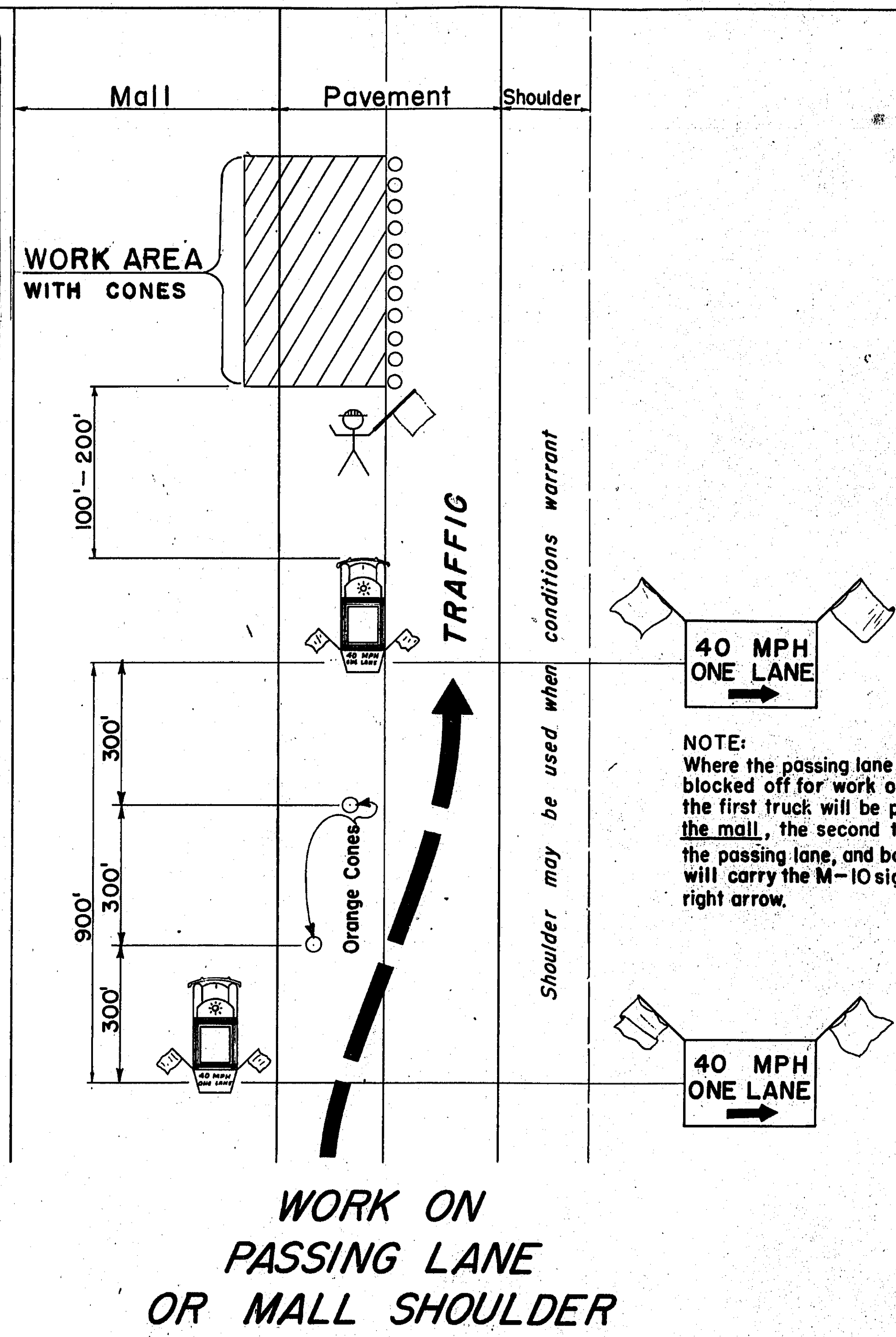
Notes: Flagmen are required at all times when the contractor's personnel are in the Work Area. Where the actual work operation is some distance from the start of the Work Area, the flagman shall be stationed approximately 500 feet in advance of the work operation regardless of its proximity to the sign.

- Traffic Cones - 50 foot intervals
 - ⚡ Flashing Lights
 - Portable Delineators at 80 foot intervals
- All Flashing Lights as shown in this sheet shall be placed and working from 1/2 hour after sunset to 1/2 hour before sunrise or A.O.B.E.

NOTE:
The estimated length of "Work Area" is the equivalent of 1/2 work day of paving.

Devices shown in the work area on the lane open to traffic during daytime construction operations shall be augmented with barrels at 25 foot intervals placed in the excavated areas or on concrete which is curing when the contractor is not working.

All Flashing Lights shall be furnished and maintained by the Contractor for the duration of the contract under Item 76S.



PORTABLE DELINEATOR

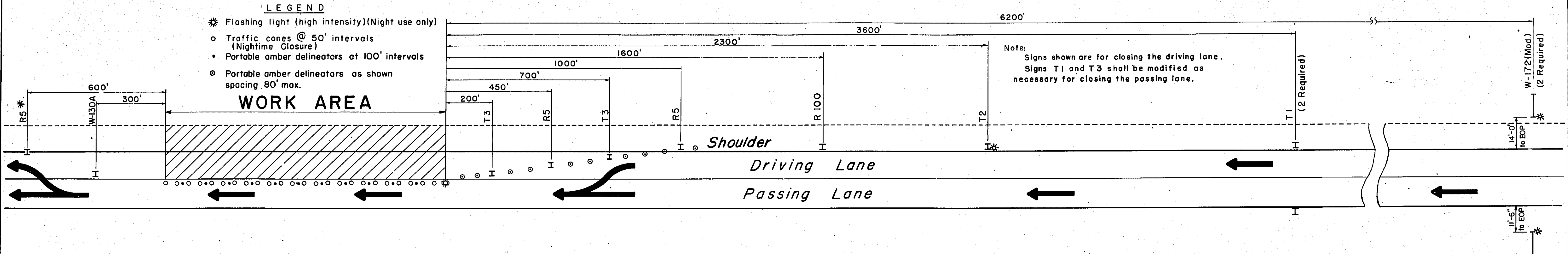
Note: Portable delineator to be furnished by the Contractor.

NO AS BUILT REVISIONS

APPROVED BY: *J. P. Arnold, Jr.*
Director of Operations

NEW YORK STATE THRUWAY AUTHORITY

MOBILE
TRAFFIC CONTROL PATTERN



Black on Yellow
**RIGHT LANE
 CLOSED
 1/2 MILE**
 T 1
 4' x 3'

Black on Yellow
**SINGLE
 LANE
 1/4 MILE**
 T 2
 4' x 3'

Black on Yellow
**SINGLE
 LANE**
 T 3
 4' x 3'

Black on White
**SPEED
 LIMIT
 40**
 R 5
 3' x 4'

* Proper speed, for R5 sign after work area, to be furnished to contractor by Thruway Authority.

Black on White
**SPEED
 ZONE
 AHEAD**
 R 100
 3' x 4'

Black on White
**WORK ZONE
 ENDS**
 W-130A
 4' x 3'

One flashing light per sign (Pavement Side)
 Black on Yellow
**CONSTRUCTION
 1 MILE**
 W-172 (Mod)
 4' x 10'
 (2 Required)

12"D
 12"D
 5"
 24"
 ARROW DETAIL

Notes:

Flagman to be provided and located in the pattern as directed by the Engineer.
 This plan to be used for traffic in both directions.
 All flashing lights as shown on this sheet shall be placed in operation from 1/2 hour after sunset to 1/2 hour before sunrise or A.O.B.E.
 No portion of the Thruway shall be declared a restricted highway. Signs shown on D.O.T. standard sheets 68-43A & 69-43B will not be permitted on any part of the Thruway system.
 Contractor's employees will not be permitted to park along the Thruway.
 The location of the Thruway traffic signs shall be subject to review by the Division Traffic Supervisor before installation.

"R" & "W" Series signs can also be found in the New York State Traffic Commission's "Manual of Uniform Traffic Control Devices" (Latest Edition)

NO AS BUILT REVISIONS
 Approved By: *[Signature]*
 Director of Operations
 NEW YORK STATE THRUWAY AUTHORITY
 TWO LANE
 TRAFFIC CONTROL PLAN