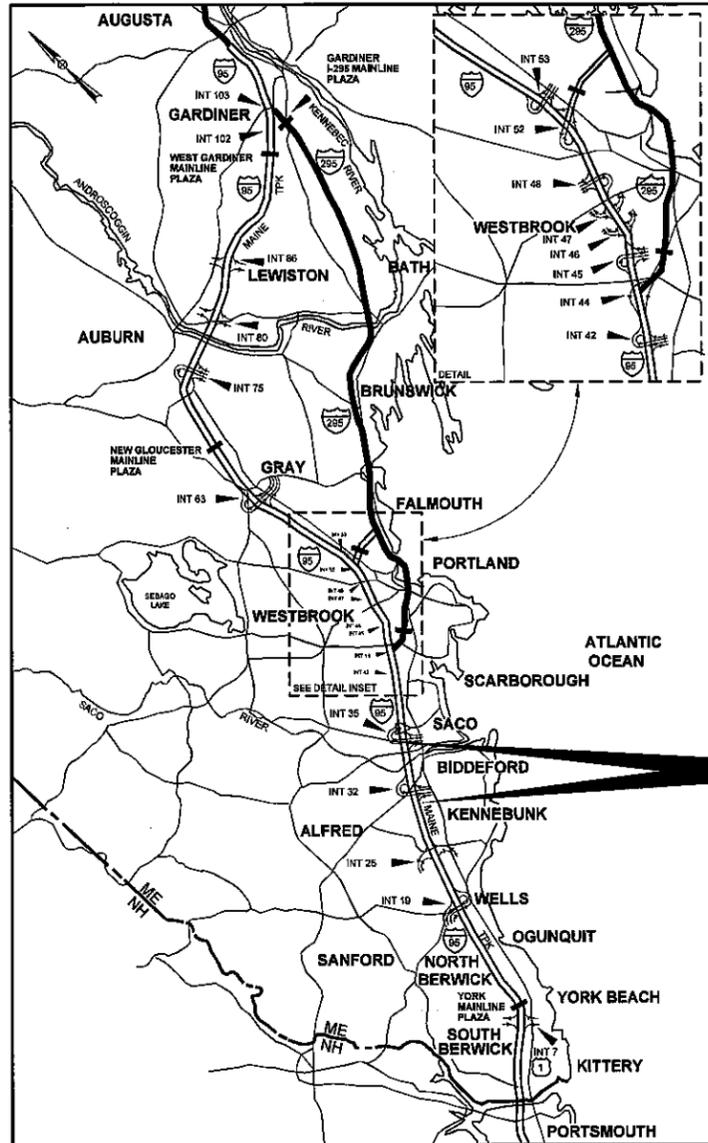


Date: 02/15/05



LOCATION MAP



THE GOLD STAR MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

DANIEL E. WATHEN, CHAIR
 DIANE M. DOYLE, VICE CHAIR
 GERARD P. CONLEY, SR., MEMBER
 JAMES F. CLOUTIER, MEMBER
 JOHN E. DORITY, MEMBER
 ROBERT D. STONE, MEMBER
 BRUCE A. VAN NOTE, MEMBER EX-OFFICIO

S. PETER MILLS, EXECUTIVE DIRECTOR

CONTRACT 2014.01
 PAVEMENT REHABILITATION AND
 BRIDGE DECK RESURFACING
 MM 23.3 TO MM 30.3

CONTRACT 2014.01 PAVEMENT REHABILITATION AND BRIDGE DECK RESURFACING MM 23.3 TO MM 30.3

INDEX OF SHEETS		
SHEET NO.	SHEET NO.	DESCRIPTION
1		TITLE SHEET
2	C-1	ESTIMATED QUANTITIES AND GENERAL NOTES
3	D-1	DRAINAGE SUMMARY 1
4-6	D-2 TO D-4	DRAINAGE DETAILS
7	T-1	TYPICAL SECTIONS AND MISCELLANEOUS DETAILS
8-9	T-2 TO T-3	TRAFFIC PHASING - TYPICAL SECTIONS
10	T-4	FULL DEPTH PAVEMENT REPAIR
11-15	T-5 TO T-9	TRAFFIC CONTROL - LANE CLOSURE DETAILS
16	T-10	TRAFFIC CONTROL - INTERCHANGES 19, 25 AND 32
17	T-11	MOUSAM RIVER NB TRAFFIC PHASING
18	T-12	MOUSAM RIVER SB TRAFFIC PHASING
19	T-13	KENNEBUNK RIVER NB & SB TRAFFIC PHASING
20	T-14	MOUSAM RIVER NB & SB MAINTENANCE OF TRAFFIC PHASE I
21-22	T-15 TO T-16	MOUSAM RIVER NB & SB MAINTENANCE OF TRAFFIC PHASE II
23	T-17	KENNEBUNK RIVER NB & SB MAINTENANCE OF TRAFFIC PHASE I
24	T-18	KENNEBUNK RIVER NB & SB MAINTENANCE OF TRAFFIC PHASE II
25	T-19	MOUSAM RIVER TRAFFIC PHASING STATIONS
26	T-20	KENNEBUNK RIVER TRAFFIC PHASING STATIONS
27-28	T-21 TO T-22	PAVEMENT MARKING DETAILS
29-30	T-23 TO T-24	TRAFFIC CONTROL - SIGN SUMMARY
31	G-1	GUARDRAIL NOTES AND DETAILS
32	G-2	SHOULDER WIDENING DETAILS
33	G-3	GUARDRAIL DETAILS BRIDGE TRANSITION - TYPE I
34	G-4	GUARDRAIL DETAILS BRIDGE TRANSITION - TYPE III
35	G-5	GUARDRAIL DETAILS BRIDGE TRANSITION - TYPE III MODIFICATION
36-38	G-6 TO G-8	SCHEDULE OF GUARDRAIL LIMITS
39	B-1	MOUSAM RIVER NB DECK PLAN AND TYPICAL SECTION
40	B-2	MOUSAM RIVER SB DECK PLAN AND TYPICAL SECTION
41	B-3	KENNEBUNK RIVER NB & SB DECK PLANS AND TYPICAL SECTION
42	B-4	MOUSAM RIVER JOINT REPAIR DETAILS
43	B-5	KENNEBUNK RIVER JOINT REPAIR DETAILS
44-46	B-6 TO B-8	MISCELLANEOUS BRIDGE REPAIR DETAILS

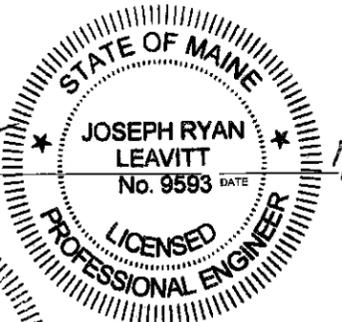
APPROVED:
 MAINE TURNPIKE AUTHORITY

Peter S. Merfeld
 PETER S. MERFELD, P.E. - CHIEF OPERATIONS OFFICER
 01-23-14
 DATE

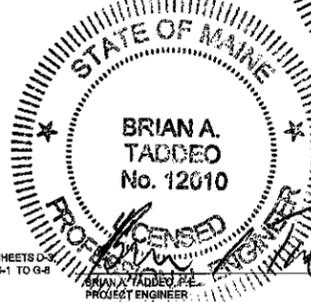
Stephen R. Taritz
 STEPHEN R. TARTITZ, P.E. - DIRECTOR OF ENGINEERING & BUILDING MAINTENANCE
 1/23/14
 DATE



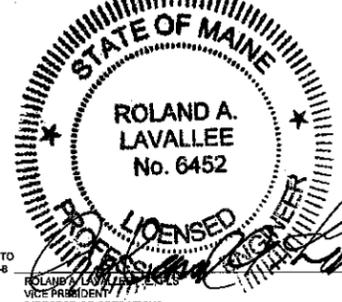
SHEETS C-1, D-1, D-2, D-4, T-1 TO T-10, T-21 TO T-24
 J. RYAN LEAVITT, P.E.
 SENIOR RESIDENT ENGINEER



SHEETS G-1 TO G-8
 BRIAN A. TADCEO, P.E.
 PROJECT ENGINEER



SHEETS T-11 TO T-20, B-1 TO B-8
 ROLAND A. LAVALLEE, P.E.
 VICE PRESIDENT / DIRECTOR OF OPERATIONS



Filename: 001_MTATitle.dgn

Date: 1/21/2014

DRAINAGE SUMMARY - LOCATION 1																
Location	ITEM NAME	RDWY	BIT. CONC. WATER-WAY Type I	BIT. CONC. WATER-WAY Type II	12" REINFORCED CONCRETE PIPE - CLASS III	REBUILD CATCH BASIN TO GRADE - TYPE II				REBUILD CATCH BASIN TO GRADE - TYPE IV	CATCH BASIN TYPE F3	EROSION CONTROL BLANKET	BALED HAY IN PLACE	30 inch TEMP. SILT FENCE	CATCH BASIN OUTLETS ON RDWY SLOPE	REMARKS
			GL	CIG												
	Item No.		459.06	459.061	603.155	604.184				604.186	604.242	613.319	656.50	656.632		
	Unit		Ea.	Ea.	Lf	LF	Ea.	Ea.	Ea.	Ea.		SY	Ea.	LF.		
	Station				9' Lt to 0' 0' to 9' Rt.	61' Lt.	9' Lt.	9' Rt.	61' Rt.	0'						
1	1187+74	NB	1					1		1	56	10	20	NB	BL needs F-3	
1	1336+08	NB	1							1	56	10	20	NB	9LT Trim around basin	
1	1370+02	NB													9LT Trim around basin	
1	1382+01	NB													9LT Trim around basin	
1	1390+01	NB		1						1	56	5	20	NB		
1	1396+00	NB		1						1	56	5	20	SB		
1	1417+50	NB													9LT Trim around basin	
1	1428+42.55	NB		1						1	56	5	20	NB		
Location 1 TOTALS			2	3	0	9	0	0	1	0	5	1	280	35	100	

DRAINAGE SUMMARY - LOCATION 2																
Location	ITEM NAME	RDWY	BIT. CONC. WATER-WAY Type I	BIT. CONC. WATER-WAY Type II	12" REINFORCED CONCRETE PIPE - CLASS III	REBUILD CATCH BASIN TO GRADE - TYPE II				REBUILD CATCH BASIN TO GRADE - TYPE IV	CATCH BASIN TYPE F3	EROSION CONTROL BLANKET	BALED HAY IN PLACE	30 inch TEMP. SILT FENCE	CATCH BASIN OUTLETS ON RDWY SLOPE	REMARKS
			GL	CIG												
	Item No.		459.06	459.061	603.155	604.184				604.186	604.242	613.319	656.50	656.632		
	Unit		Ea.	Ea.	Lf	LF	Ea.	Ea.	Ea.	Ea.		SY	Ea.	LF.		
	Station				9' Lt to 0' 0' to 9' Rt.	61' Lt.	9' Lt.	9' Rt.	61' Rt.	0'						
2	1099+80	SB		1						1	56	5	20	NB		
2	1114+79	SB		1						1	56	5	20	NB	200LF N Grading	
2	1119+80	SB		1						1	56	5	20	SB	100LF N Grading	
2	1124+78	SB		1						1	56	5	20	NB	100LF N Grading	
2	1130+27	SB		1						1	56	5	20	NB		
2	1136+78	SB		1						1	56	5	20	NB		
2	1143+28	SB		1						1	56	5	20	SB		
2	1156+27	SB		1						1	56	5	20	NB		
2	1159+77	SB	1				1			1	56	10	20	NB		
2	1162+27	SB		1						1	56	5	20	NB		
2	1182+75	SB		1						1	56	5	20	SB		
2	1208+80	SB		1							56	5	20	NB	Waterway Only	
2	1214+38	SB		1							56	5	20	NB	Waterway Only	
2	1220+38	SB		1							56	5	20	NB	Waterway Only	
2	1232+39	SB		1							56	5	20	NB	Waterway Only	
2	1238+50	SB		1							56	5	20	NB	Waterway Only	
2	1250+23	SB		1						1	56	5	20	NB		
2	1256+25	SB		1						1	56	5	20	NB	Broken Grate	
2	1258+22	SB		1						1	56	5	20	NB		
2	1258+64	SB	1							1	56	10	20	NB	9LT/RT Trim around basin	
2	1261+25	SB		1						1	56	5	20	NB		
2	1272+23	SB		1							56	5	20	NB	Waterway Only	
2	1275+30	SB	1								56	5	20	NB	Waterway Only	
2	1278+15	SB		1						1	56	5	20	NB		
2	1283+65	SB		1						1	56	5	20	NB		
2	1295+15	SB		1						1	56	5	20	NB		
2	1301+00	SB		1							56	5	20	SB	Waterway Only	
2	1302+16	SB		1						1	56	5	20	NB		
2	1307+11	SB		1						1	56	5	20	NB		
2	1312+11	SB		1						1	56	5	20	NB		
2	1318+09	SB		1						1	56	5	20	NB		
2	1323+08	SB		1						1	56	5	20	NB		
2	1437+50	SB		1						1	56	5	20	NB	Patch NB 4'Shoulder	
2	1446+76.29	SB		1						1	56	5	20	NB		
2	1450+05	SB	1		9	9				1	56	10	20	NB	BL needs F-3 and 18' pipe	
2	1454+00	SB		1						1	56	5	20	NB		
2	1459+00	SB		1						1	56	5	20	NB		
Location 2 TOTALS			4	33	9	9	0	1	0	0	29	1	2072	200	740	

Filename: 003_DrainSumm.dgn

Scale:			
No.	Revision	By	Date

Designed by:			
			
By	Date	By	Date
Designed	JRL 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
 2360 Congress Street
 Portland, ME 04102
 TEL (207) 871-7771
 FAX (207) 879-5567



THE GOLD STAR MEMORIAL HIGHWAY

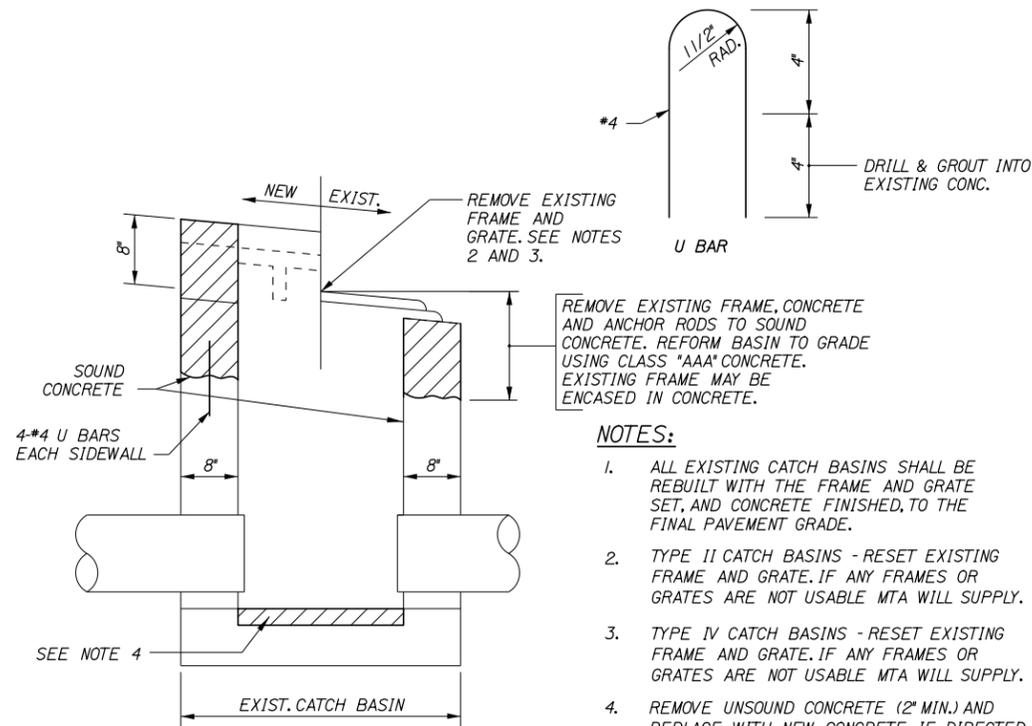
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

DRAINAGE SUMMARY 1

SHEET NUMBER: D-1
 CONTRACT: 2014.01
 3 OF 46

Date: 1/21/2014

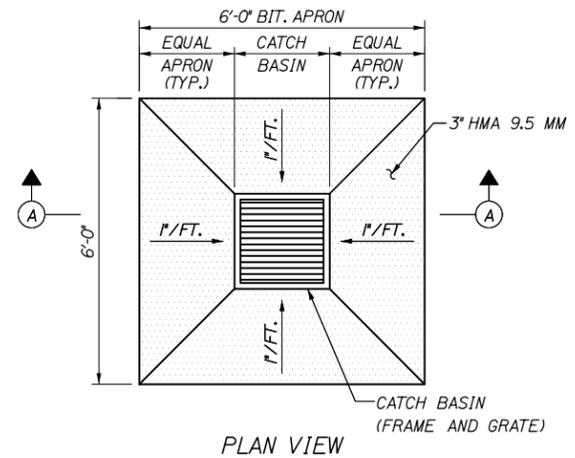


REMOVE EXISTING FRAME, CONCRETE AND ANCHOR RODS TO SOUND CONCRETE. REFORM BASIN TO GRADE USING CLASS "AAA" CONCRETE. EXISTING FRAME MAY BE ENCASED IN CONCRETE.

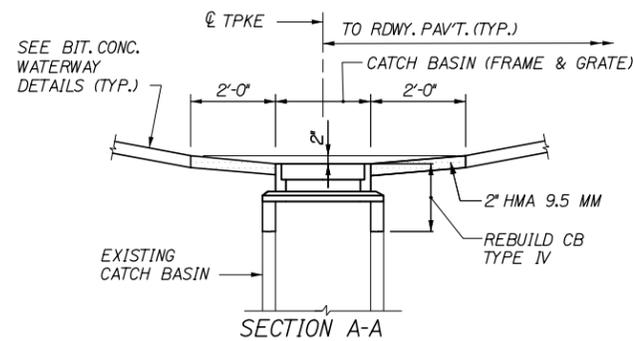
NOTES:

1. ALL EXISTING CATCH BASINS SHALL BE REBUILT WITH THE FRAME AND GRATE SET, AND CONCRETE FINISHED, TO THE FINAL PAVEMENT GRADE.
2. TYPE II CATCH BASINS - RESET EXISTING FRAME AND GRATE. IF ANY FRAMES OR GRATES ARE NOT USABLE MTA WILL SUPPLY.
3. TYPE IV CATCH BASINS - RESET EXISTING FRAME AND GRATE. IF ANY FRAMES OR GRATES ARE NOT USABLE MTA WILL SUPPLY.
4. REMOVE UNSOUND CONCRETE (2" MIN.) AND REPLACE WITH NEW CONCRETE IF DIRECTED BY THE RESIDENT.

REBUILD CATCH BASIN TO GRADE - TYPE IV
NOT TO SCALE

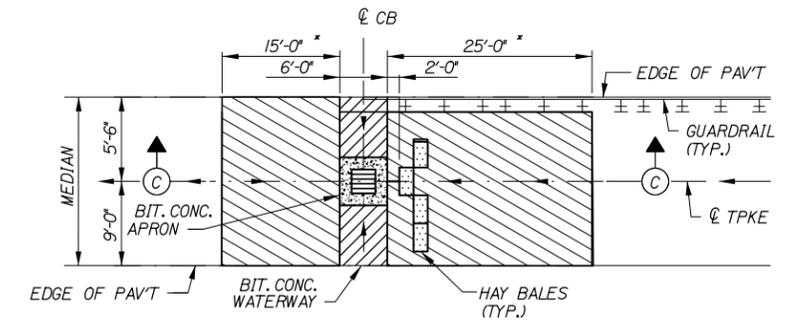


PLAN VIEW

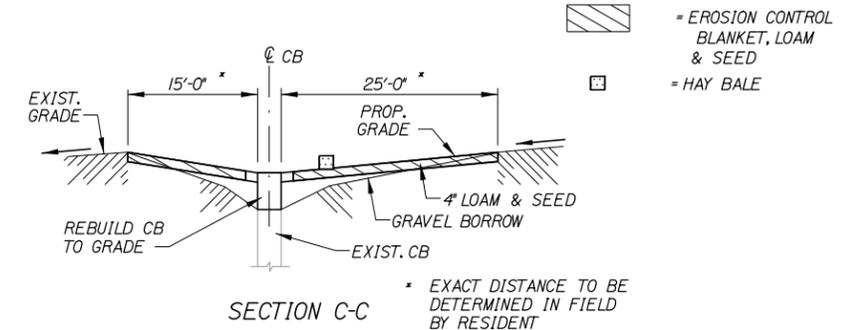


SECTION A-A

REBUILD CATCH BASIN IN MEDIAN
NOT TO SCALE



PLAN VIEW

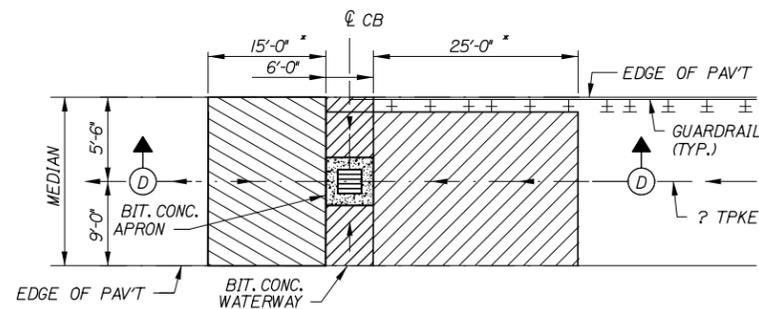


SECTION C-C

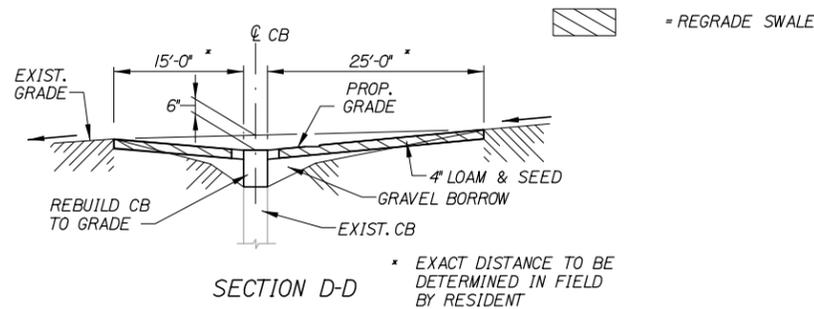
NOTES:

1. INSTALL MINIMUM OF 10 HAY BALES (5 EACH SIDE OF CATCH BASIN) AT LOW POINTS.
2. INSTALL MINIMUM OF 5 HAY BALES UP STREAM OF CATCH BASIN ON GRADE.
3. THE EXACT LOCATION AND NUMBER OF BALES SHALL BE AS DIRECTED BY THE RESIDENT.
4. LOAM AND SEEDING METHOD NUMBER 2 WILL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE CONSIDERED INCIDENTAL TO ITEMS 459.06 OR 459.061

PROPOSED EROSION CONTROL AT MEDIAN
NOT TO SCALE



PLAN VIEW



SECTION D-D

RIM ELEVATION FOR TYPE IV CATCH BASIN

Filename: 004_DrainageDetails1.dgn

Scale:			
NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
			
By	Date	By	Date
Designed	JRL 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567



**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

**PAVEMENT REHABILITATION &
BRIDGE DECK RESURFACING**

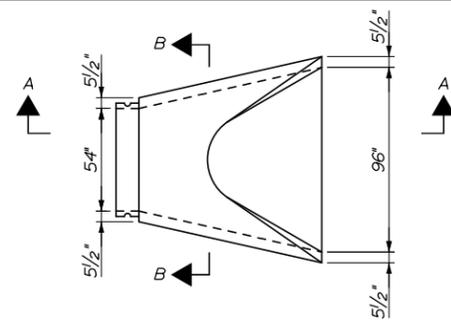
DRAINAGE DETAILS 1

SHEET NUMBER: D-2

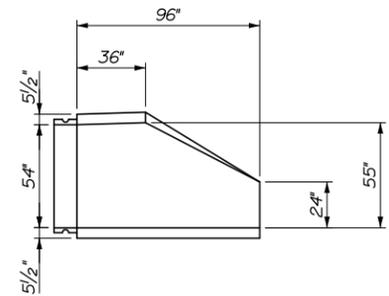
CONTRACT: 2014.01

4 OF 46

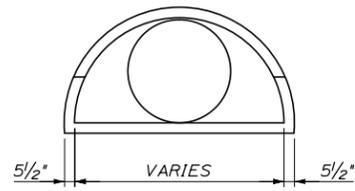
Date: 1/21/2014



PLAN



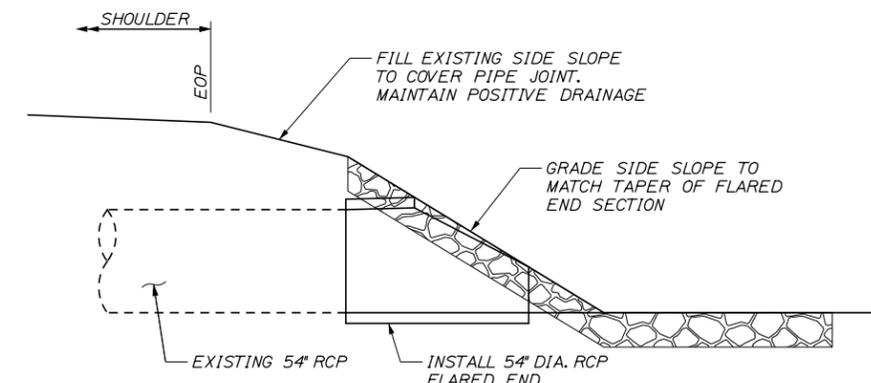
SECTION A-A



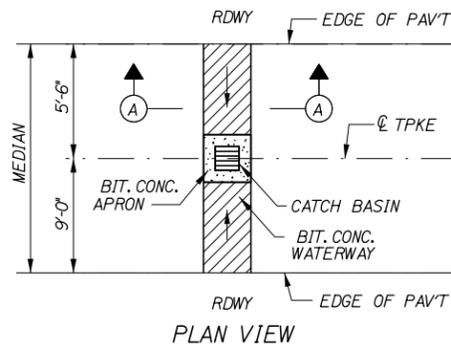
SECTION B-B

REINFORCED CONCRETE PIPE FLARED END
1/4" = 1'-0"

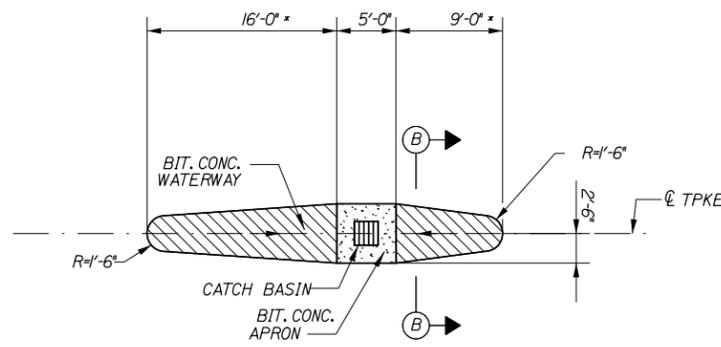
NOTES:
1. DIMENSIONS SHOWN SHALL BE CONSIDERED MINIMAL DIMENSIONAL REQUIREMENTS TO BE PROVIDED UNDER THIS CONTRACT.
2. JOINTS SHALL BE COMPATIBLE WITH THE MAIN RUN OF PIPE. CONTRACTOR WILL BE REQUIRED TO FIELD VERIFY DIMENSIONS OF EXISTING PIPE END AND COORDINATE WITH MANUFACTURER. FIELD MODIFICATION OF THE PIPE ENDS WILL NOT BE ACCEPTABLE.



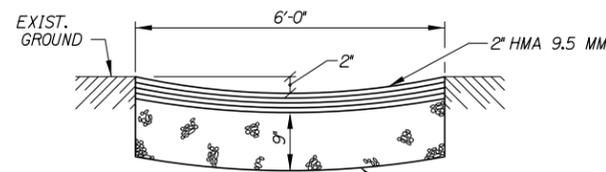
CROSS SECTION - MM 24.0 CULVERT
1/4" = 1'-0"



PLAN VIEW

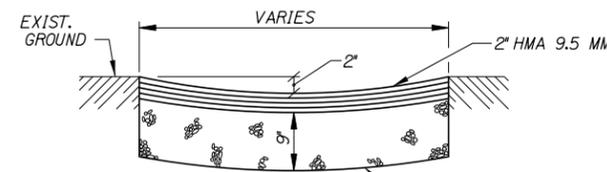


PLAN VIEW



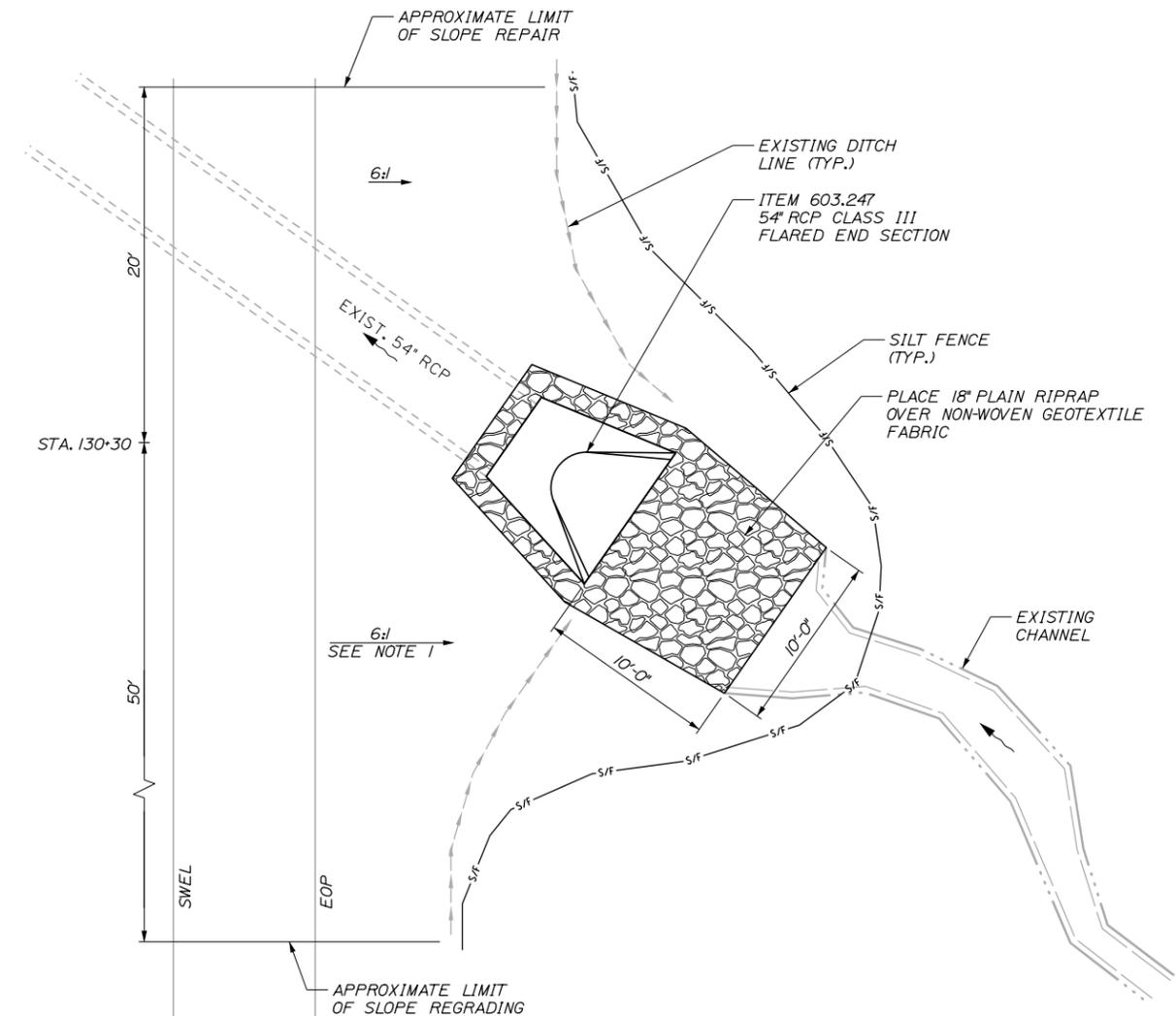
SECTION A-A

BITUMINOUS CONCRETE WATERWAY, TYPE I
NOT TO SCALE



SECTION B-B

BITUMINOUS CONCRETE WATERWAY, TYPE II
NOT TO SCALE



PLAN - MM 24.0 CULVERT
1" = 5'

Filename: 005_DrainageDets2.dgn

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
By	Date	By	Date
Designed	BAT 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

THE GOLD STAR MEMORIAL HIGHWAY

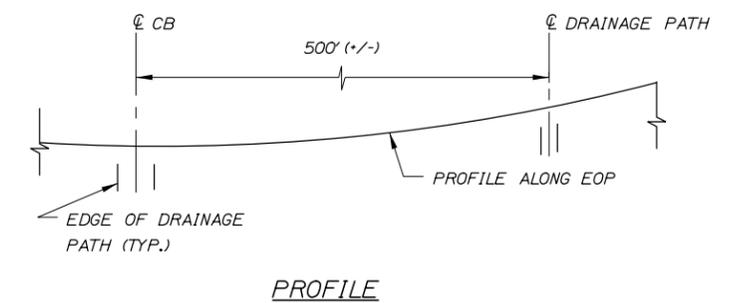
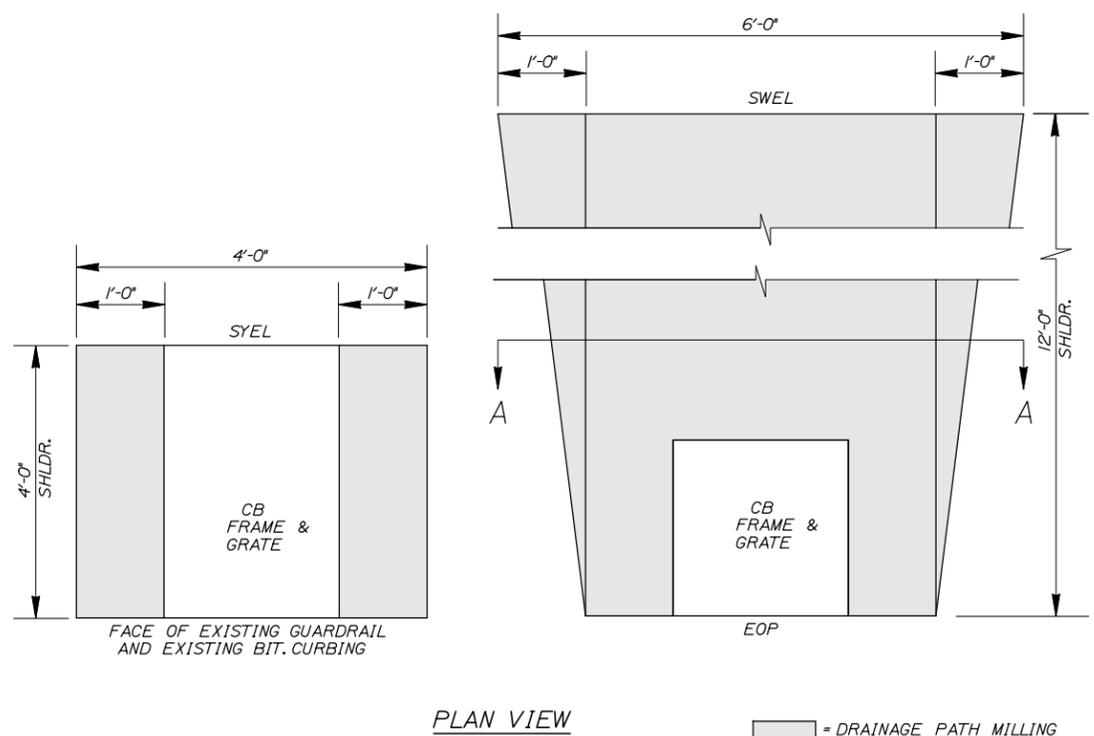
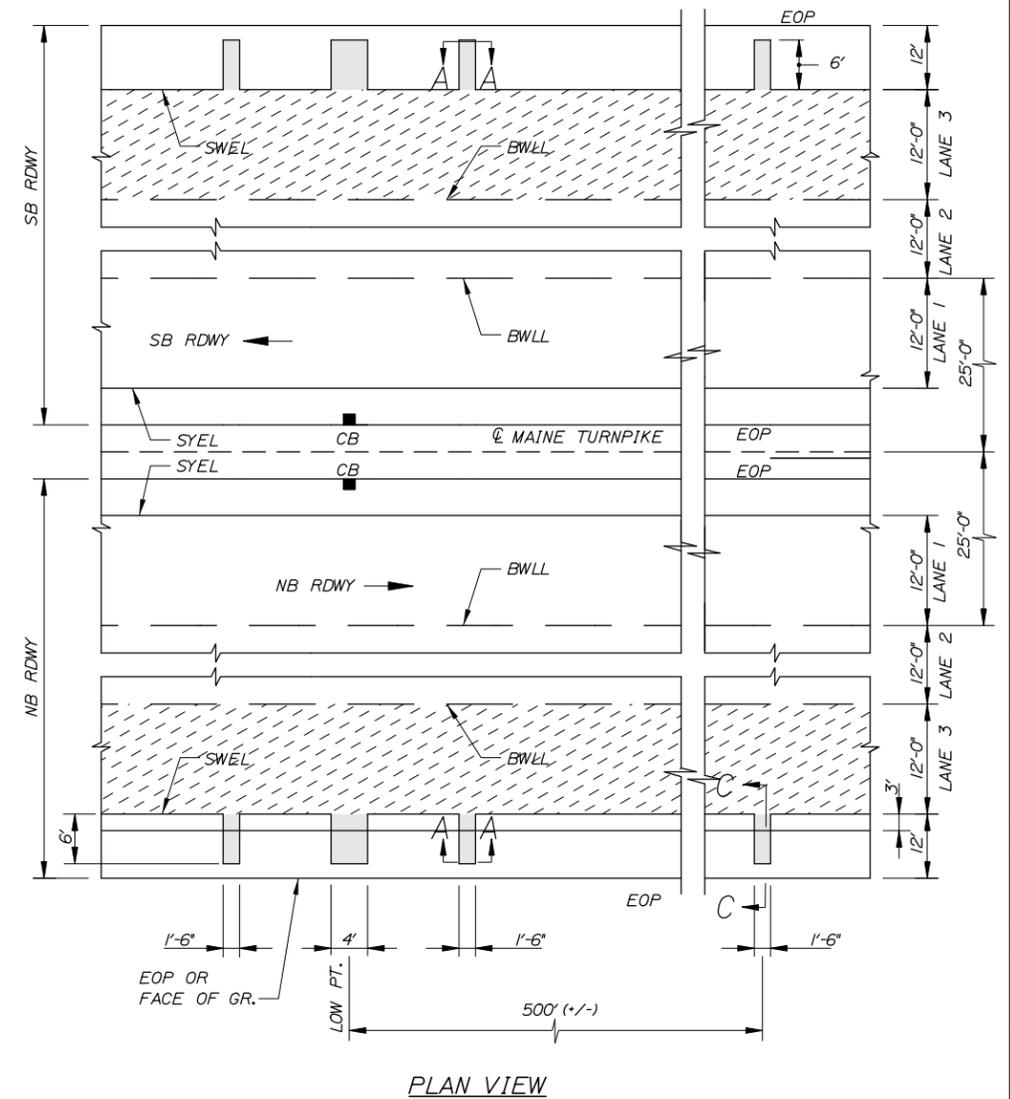
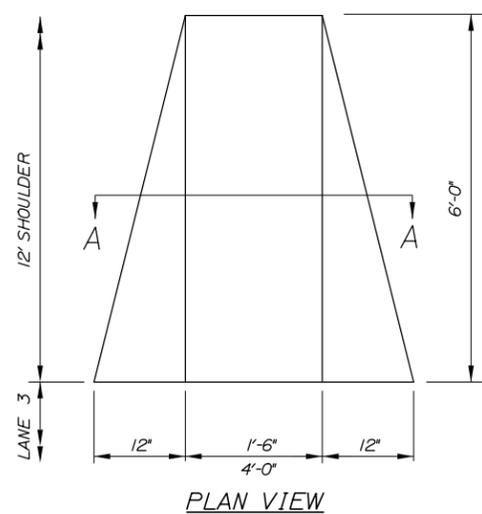
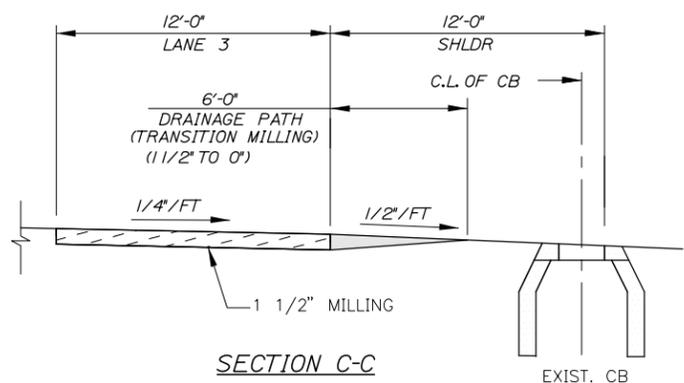
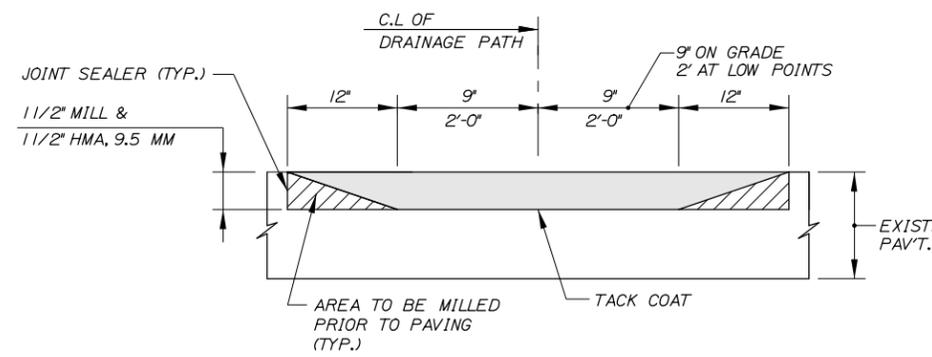
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

DRAINAGE DETAILS 2

SHEET NUMBER: D-3
CONTRACT: 2014.01
5 OF 46

Date: 1/21/2014



LEGEND

- [Hatched Box] = DRAINAGE PATH MILLING
- [Dashed Box] = TRAVEL LANE MILLING

NOTES:

- DRAINAGE PATH REQUIRED AT ALL LOW POINTS.

DRAINAGE PATH DETAILS

Filename: 006_DrainageDets.3.dgn

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
By	Date	By	Date
Designed	JRL 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
 2360 Congress Street
 Portland, ME 04102
 TEL (207) 871-7771
 FAX (207) 879-5567

**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

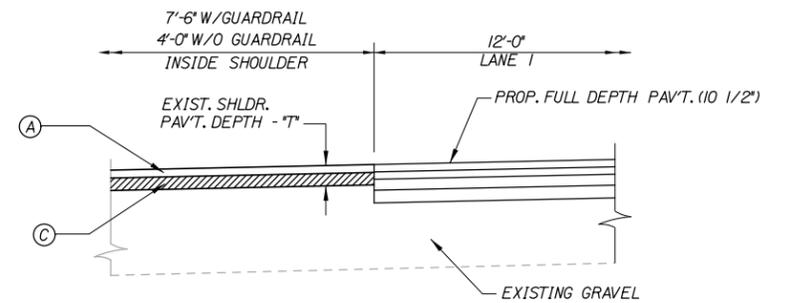
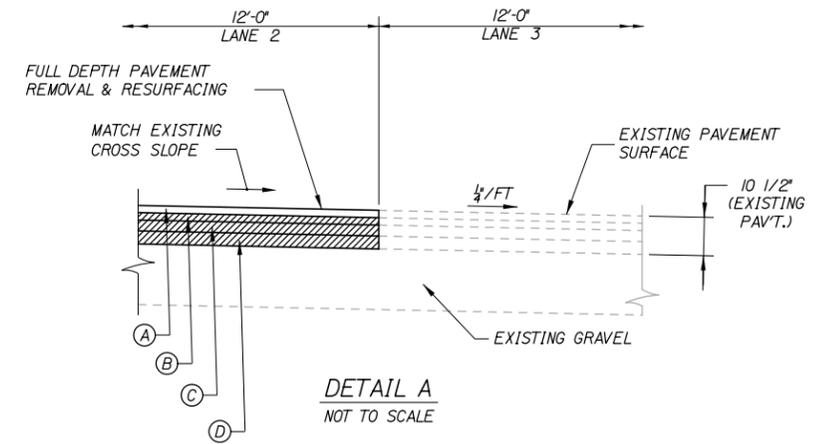
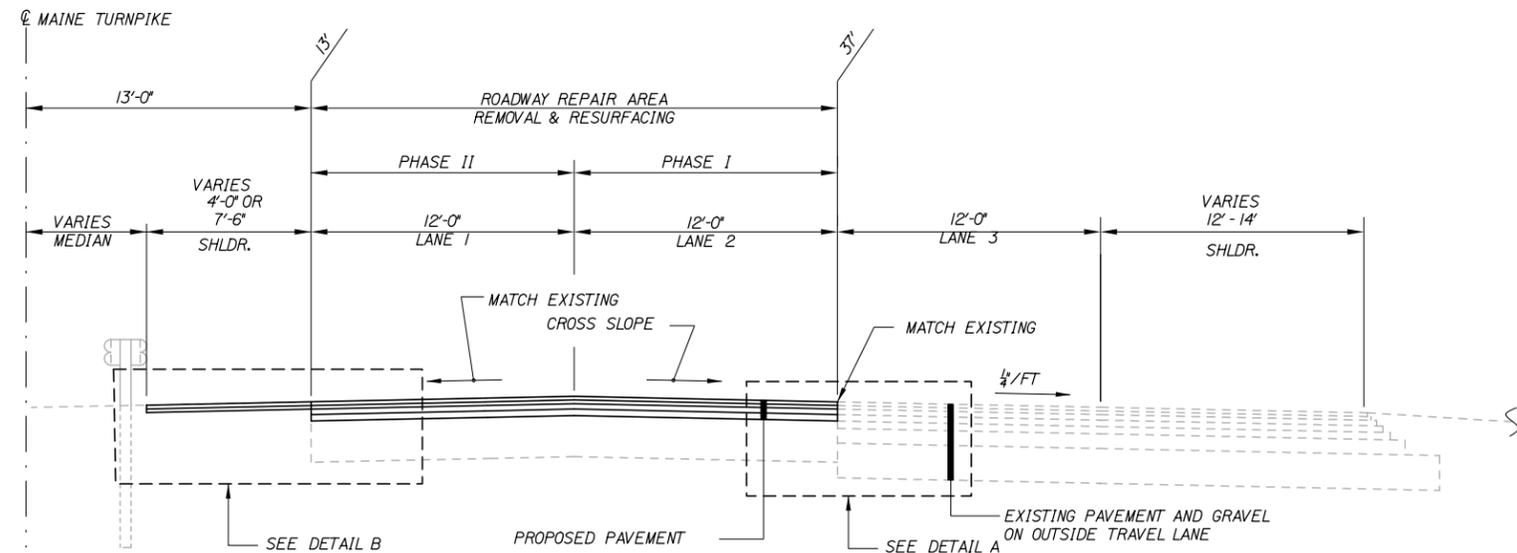
**PAVEMENT REHABILITATION &
 BRIDGE DECK RESURFACING**

DRAINAGE DETAILS 3

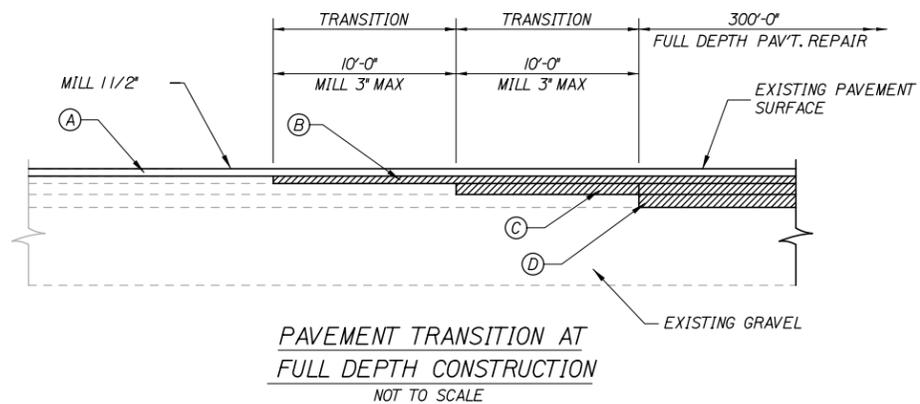
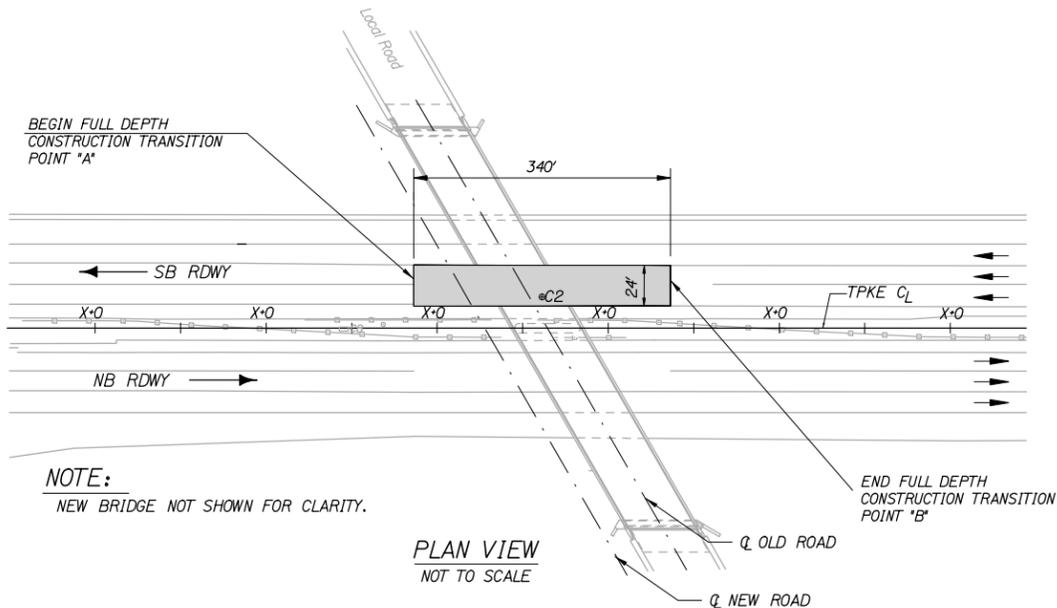
SHEET NUMBER: D-4
6 OF 46

CONTRACT: 2014.01

Date: 1/21/2014



- IF DIMENSION "T" IS GREATER THAN OR EQUAL TO 5', NO WORK IS REQUIRED.
- IF DIMENSION "T" IS LESS THAN 5', THEN 5' OF NEW PAV'T. SHALL BE INSTALLED CONSISTING OF 2' (A) AND 3' (B)



DETAIL B
NOT TO SCALE

LEGEND

- (A) - 1 3/4" HOT MIX ASPHALT, 12.5 mm (ARGG)
- (B) - 2 3/4" HOT MIX ASPHALT, 19.0 mm
- (C) - 3" HOT MIX ASPHALT, 19.0 mm
- (D) - 3" HOT MIX ASPHALT, 19.0 mm

NOTES:

1. A COATING OF HOT RUBBERIZED ASPHALT (SS-S-140IC) SHALL BE APPLIED TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL JOINTS.
2. BITUMINOUS TACK COAT IS REQUIRED BETWEEN ALL LAYERS OF PAVEMENT IF TEMPERATURE OF PAVEMENT IS BELOW 120° F.

ASPHALT CORE CHART				
BRIDGE NAME NO.	RDWY.	CORE NO.		C2
				C.L
HIGH STREET (ROUTE 9A)	SB	DEPTH		7.5'

BRIDGE NAME NO.	RDWY.	POINT "A"	POINT "B"
		FROM TPKE STA.	TO TPKE STA.
HIGH STREET (ROUTE 9A)	SB	STA. 1108+72	STA. 1112+12

Filename: 010_PavementRepair.dgn

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
By	Date	By	Date
Designed	JRL 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

THE GOLD STAR MEMORIAL HIGHWAY

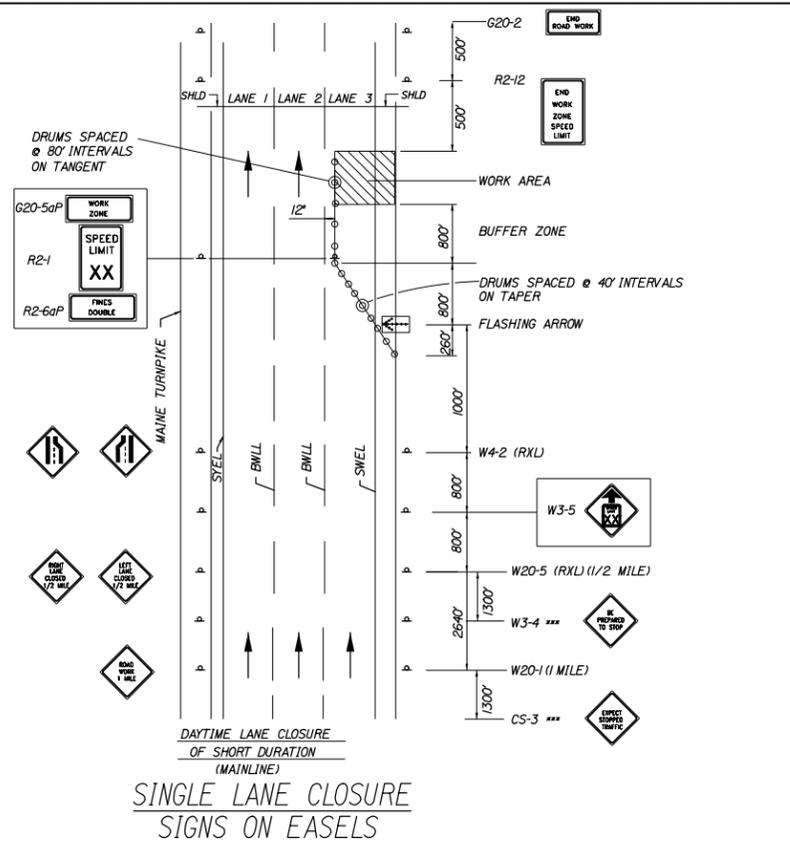
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

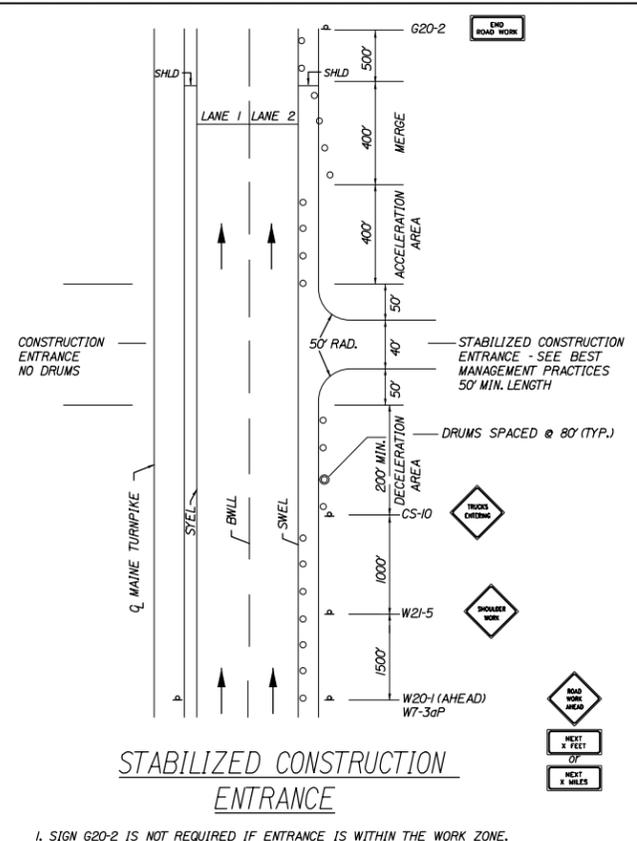
FULL DEPTH PAVEMENT REPAIR

SHEET NUMBER: T-4
CONTRACT: 2014.01
10 OF 46

Date: 1/21/2014

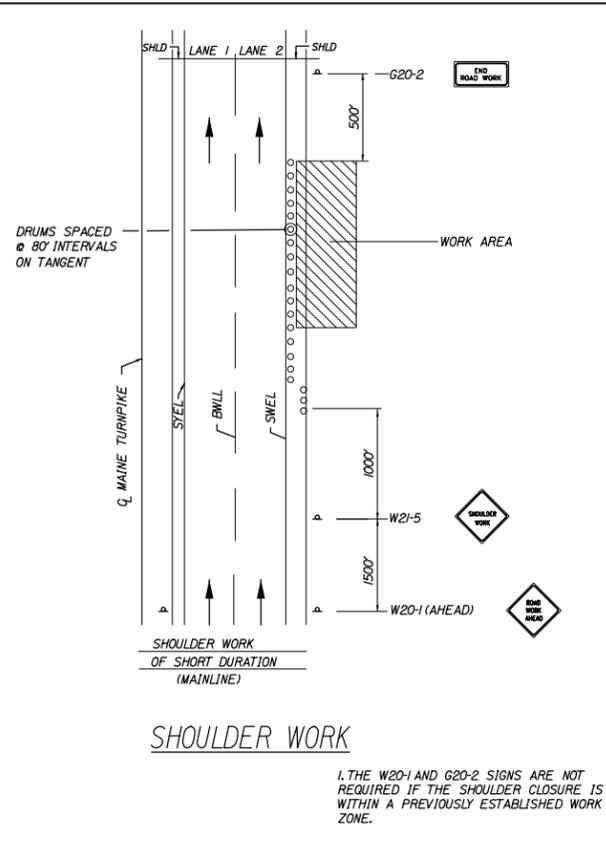


SINGLE LANE CLOSURE SIGNS ON EASELS



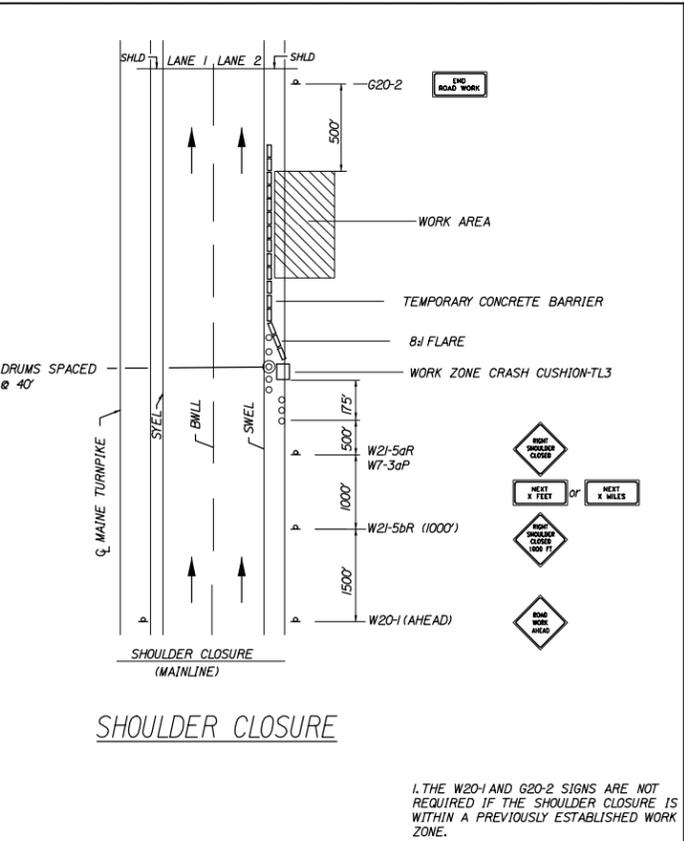
STABILIZED CONSTRUCTION ENTRANCE

1. SIGN G20-2 IS NOT REQUIRED IF ENTRANCE IS WITHIN THE WORK ZONE.



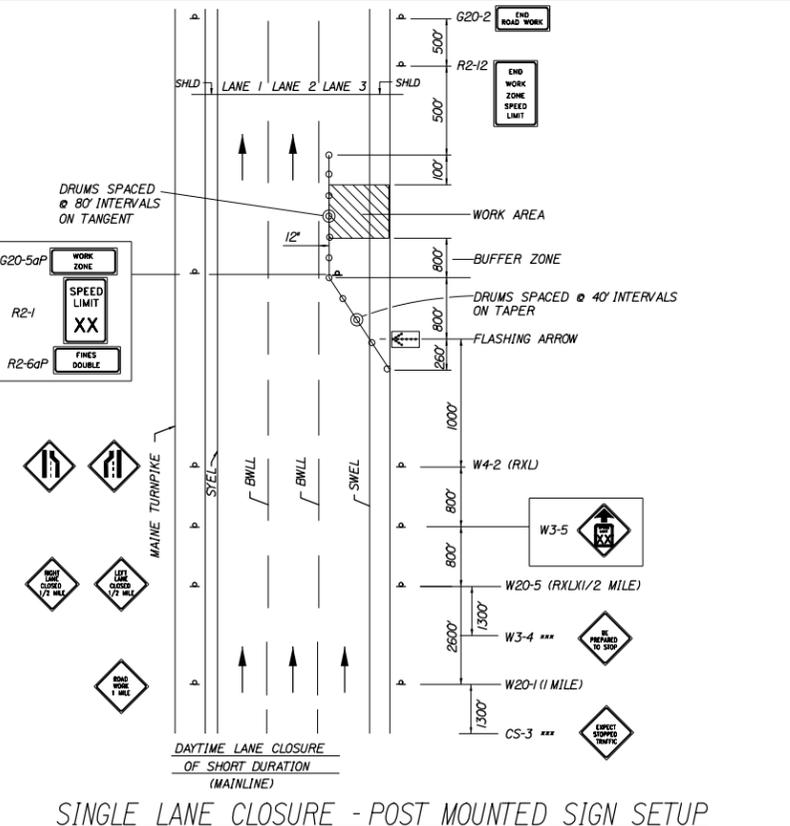
SHOULDER WORK

1. THE W20-1 AND G20-2 SIGNS ARE NOT REQUIRED IF THE SHOULDER CLOSURE IS WITHIN A PREVIOUSLY ESTABLISHED WORK ZONE.

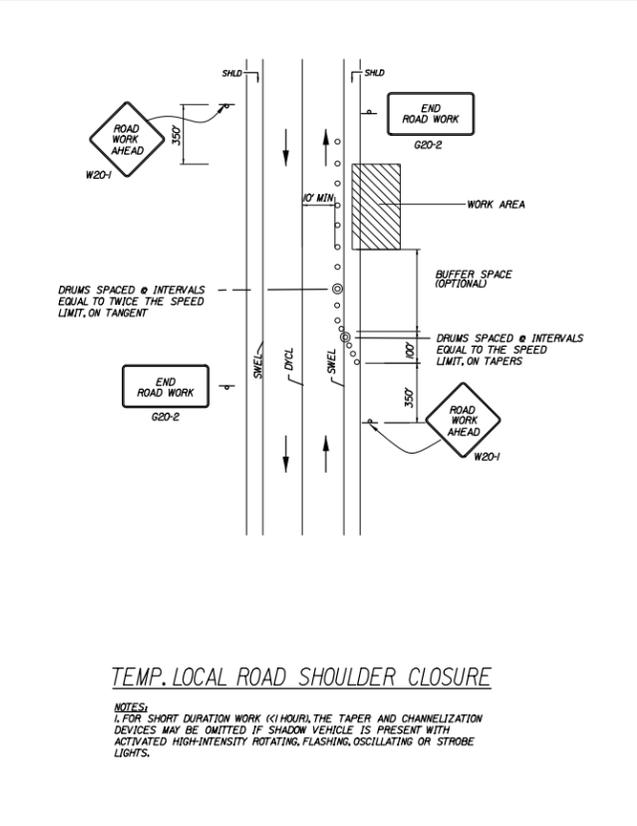


SHOULDER CLOSURE

1. THE W20-1 AND G20-2 SIGNS ARE NOT REQUIRED IF THE SHOULDER CLOSURE IS WITHIN A PREVIOUSLY ESTABLISHED WORK ZONE.

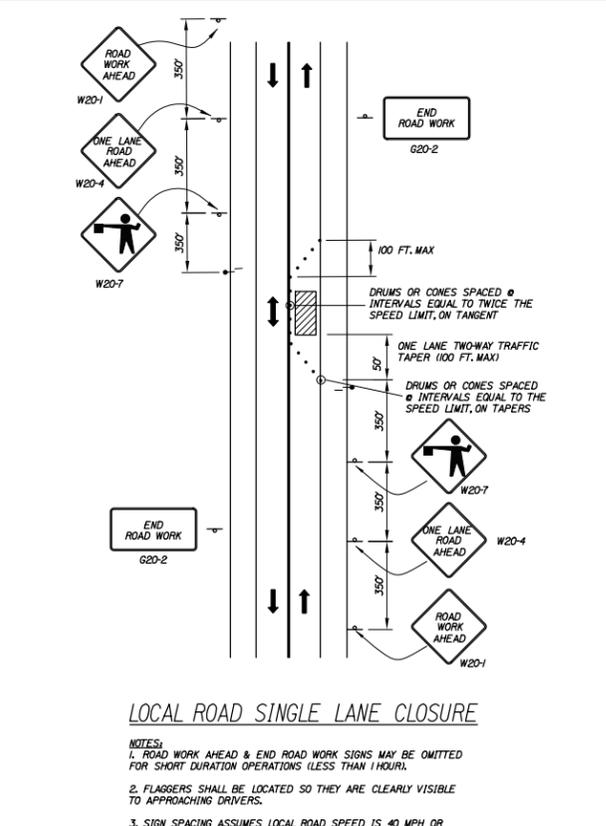


SINGLE LANE CLOSURE - POST MOUNTED SIGN SETUP



TEMP. LOCAL ROAD SHOULDER CLOSURE

NOTES:
1. FOR SHORT DURATION WORK (1 HOUR), THE TAPER AND CHANNELIZATION DEVICES MAY BE OMITTED IF SHADOW VEHICLE IS PRESENT WITH ACTIVATED HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING OR STROBE LIGHTS.



LOCAL ROAD SINGLE LANE CLOSURE

NOTES:
1. ROAD WORK AHEAD & END ROAD WORK SIGNS MAY BE OMITTED FOR SHORT DURATION OPERATIONS (LESS THAN 1 HOUR).
2. FLAGGERS SHALL BE LOCATED SO THEY ARE CLEARLY VISIBLE TO APPROACHING DRIVERS.
3. SIGN SPACING ASSUMES LOCAL ROAD SPEED IS 40 MPH OR LESS.

- GENERAL MAINTENANCE OF TRAFFIC NOTES:**
- ALL PAVEMENT STRIPING & SIGNING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", U.S.D.O.T., F.H.W.A., LATEST EDITION.
 - THESE PLANS SHOW THE GENERAL CONDITION FOR TURNPIKE MAINLINE TRAFFIC CONTROL DURING CONSTRUCTION, SLIGHT MODIFICATIONS IN CONSTRUCTION PROCEDURE MAY OCCUR AND MAY REQUIRE SOME MINOR ADJUSTMENTS TO BE MADE IN THE FIELD, ALL PROCEDURES MUST BE APPROVED BY THE RESIDENT.
 - THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE SPECIFICATIONS AND MUTCD. PAYMENT SHALL BE MADE UNDER ITEM 627.77 - REMOVING PAVEMENT MARKINGS.
 - EXPOSED BARRIER ENDS SHALL BE PROTECTED BY A WORK ZONE CRASH CUSHION. PAYMENT WILL BE UNDER ITEM 527.341 - WORK ZONE CRASH CUSHION - TL-3.
 - GEOMETRIC INFORMATION FOR TRAFFIC PHASES SHOWN ON THE PLANS WILL BE SUPPLIED TO THE CONTRACTOR AFTER AWARD.

- ABBREVIATIONS FOR ALL M.O.T. PLANS**
- BWLL = BROKEN WHITE LANE LINE
 - SWEL = SOLID WHITE EDGE LINE
 - SYEL = SOLID YELLOW EDGE LINE
 - TBWLL = TEMPORARY BROKEN WHITE LANE LINE
 - TSWEL = TEMPORARY SOLID WHITE EDGE LINE
 - TSYEL = TEMPORARY SOLID YELLOW EDGE LINE

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

By	Date	By	Date
Designed	JRL 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

THE GOLD STAR MEMORIAL HIGHWAY

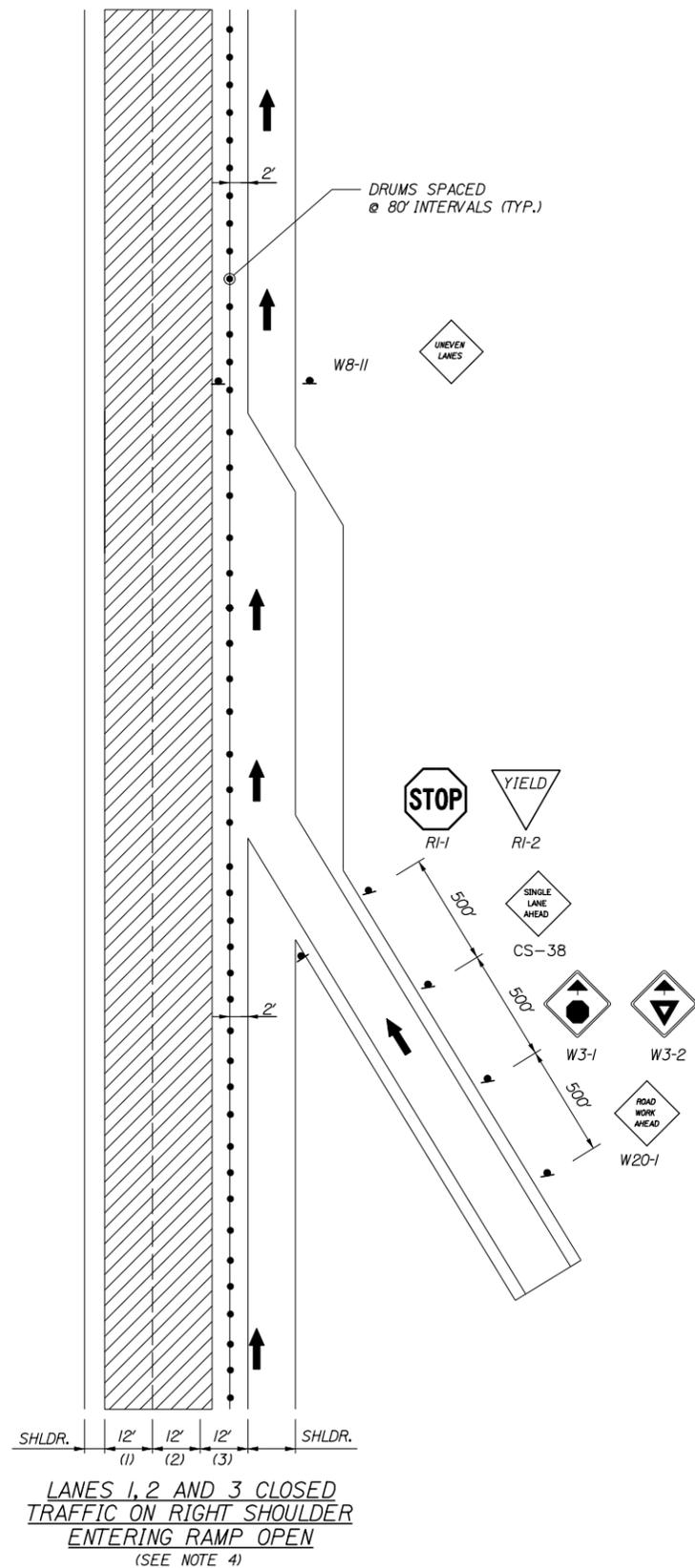
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

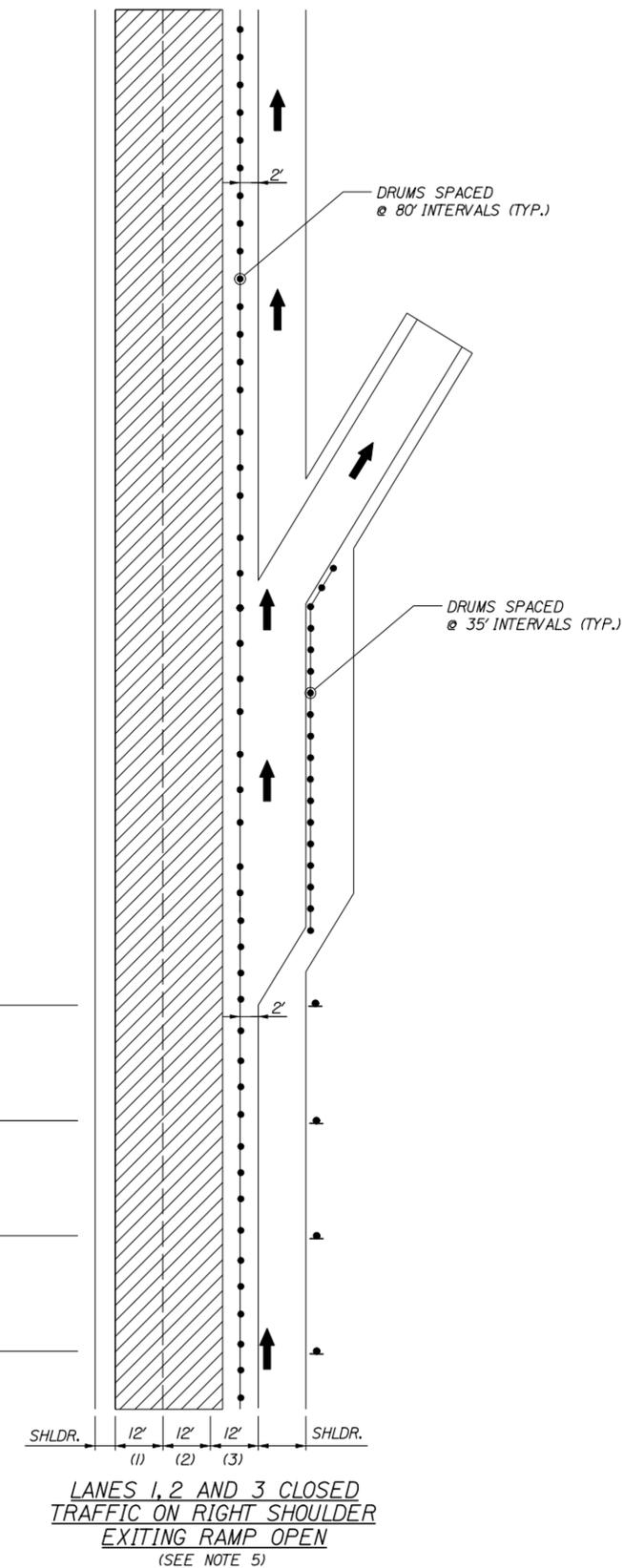
TRAFFIC CONTROL
LANE CLOSURE DETAILS 1

SHEET NUMBER: T-5
CONTRACT: 2014.01
11 OF 46

Date: 1/21/2014



LANES 1, 2 AND 3 CLOSED
TRAFFIC ON RIGHT SHOULDER
ENTERING RAMP OPEN
(SEE NOTE 4)



LANES 1, 2 AND 3 CLOSED
TRAFFIC ON RIGHT SHOULDER
EXITING RAMP OPEN
(SEE NOTE 5)

- EXIT OPEN E5-2
- UNEVEN LANES W8-11
- STAY IN LANE R4-9
- NO STOPPING ON PAVEMENT CS-11
- EXIT OPEN AHEAD CS-19

LEGEND

- [Hatched Box] = WORK AREA
- [Triangle with exclamation mark] = CONSTRUCTION SIGN
- [Circle with black center] = DRUM
- [Square with cross] = PORTABLE - CHANGEABLE MESSAGE SIGN

NOTES:

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. ALL SIGNS ARE TO BE MOUNTED ON EASELS.
3. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
4. WITH LANES 1 AND 2 CLOSED, TRAFFIC IN LANE 3; AND ENTERING RAMP OPEN USE THIS DETAIL WITH YIELD SIGN.
5. WITH LANES 1 AND 2 CLOSED, TRAFFIC IN LANE 3; AND EXITING RAMP OPEN USE THIS DETAIL.

Filename: 012_LaneClosure2.dgn

Scale:			
NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
	By	Date	
	JRL	01/14	
	Checked	GJO	01/14
	Drawn	MPC	01/14
	In Charge of	SRT	01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

TRAFFIC CONTROL LANE CLOSURE DETAILS 2

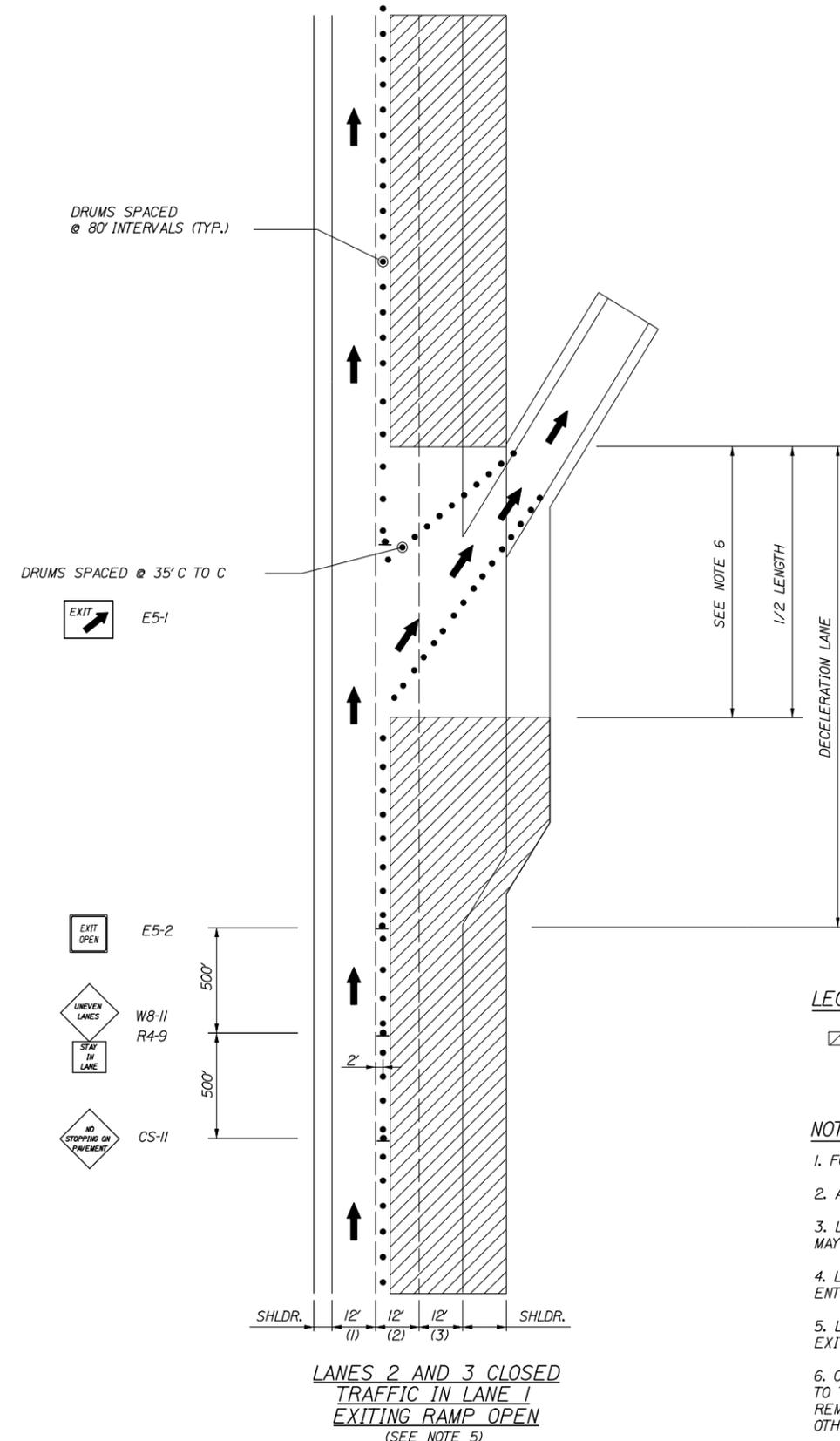
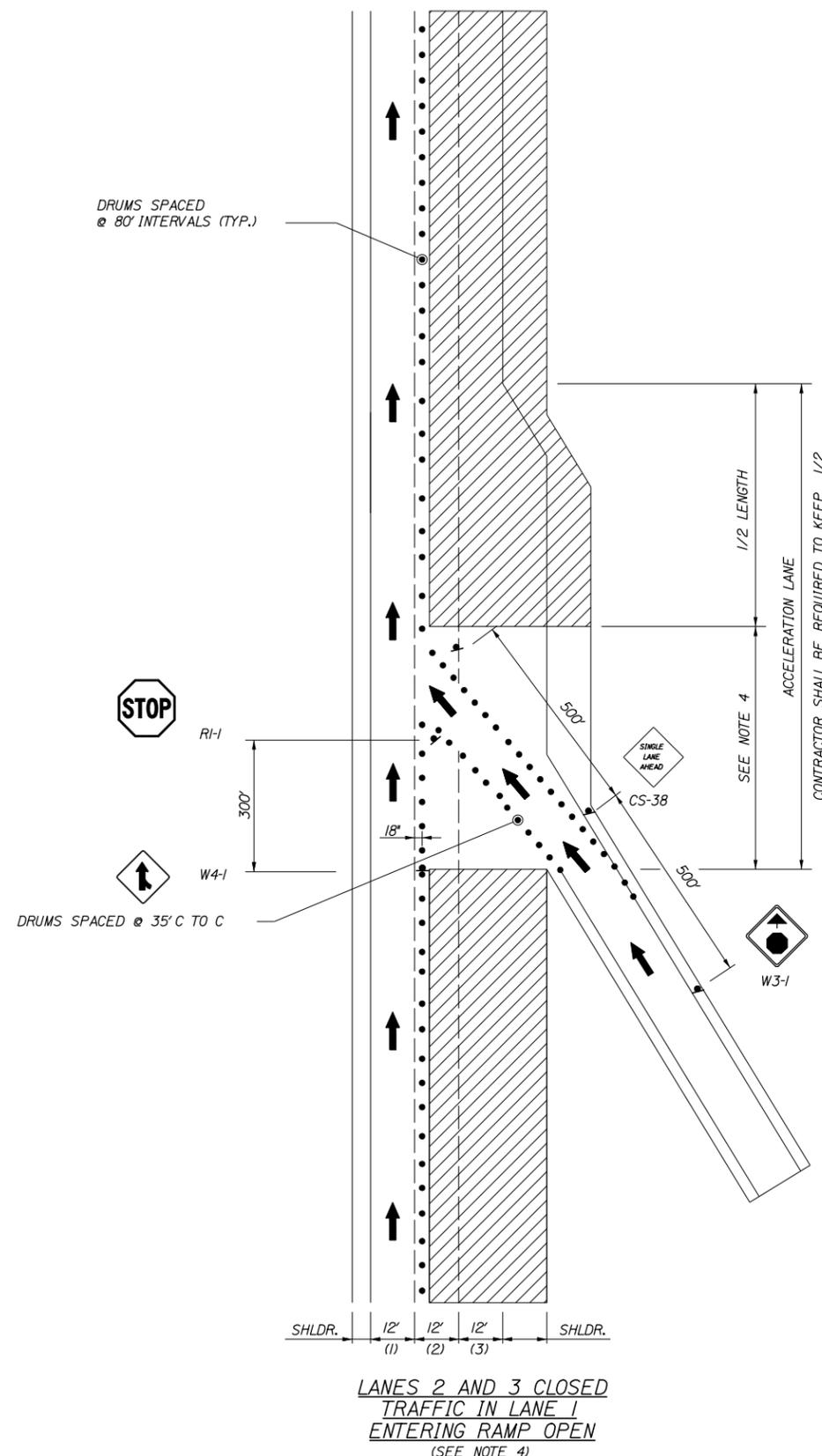
SHEET NUMBER: T-6

CONTRACT: 2014.01

12 OF 46

Date: 1/21/2014

Filename: 013_LaneClosure3.dgn



- LEGEND**
- = WORK AREA
 - = CONSTRUCTION SIGN
 - = DRUM
 - = PORTABLE - CHANGEABLE MESSAGE SIGN
- NOTES:**
1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
 2. ALL SIGNS ARE TO BE MOUNTED ON EASELS.
 3. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
 4. LANE 3 CLOSED, TRAFFIC IN LANES 1 AND 2, ENTERING RAMP OPEN; (SIMILAR - USE STOP SIGN).
 5. LANE 3 CLOSED, TRAFFIC IN LANES 1 AND 2, EXITING RAMP OPEN; (SIMILAR)
 6. CONTRACTOR WILL BE ALLOWED TO CLOSE THE ON / OFF RAMP TO TRAFFIC WHILE WORKING IN THIS AREA. THIS AREA SHALL REMAIN OPEN TO TRAFFIC WHEN CONTRACTOR IS WORKING IN OTHER HALF OF ACCELERATION / DECELERATION LANES.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

By	Date	Checked	By	Date
JRL	01/14	GJO	GJO	01/14
Drawn	MPC	In Charge of	SRT	01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

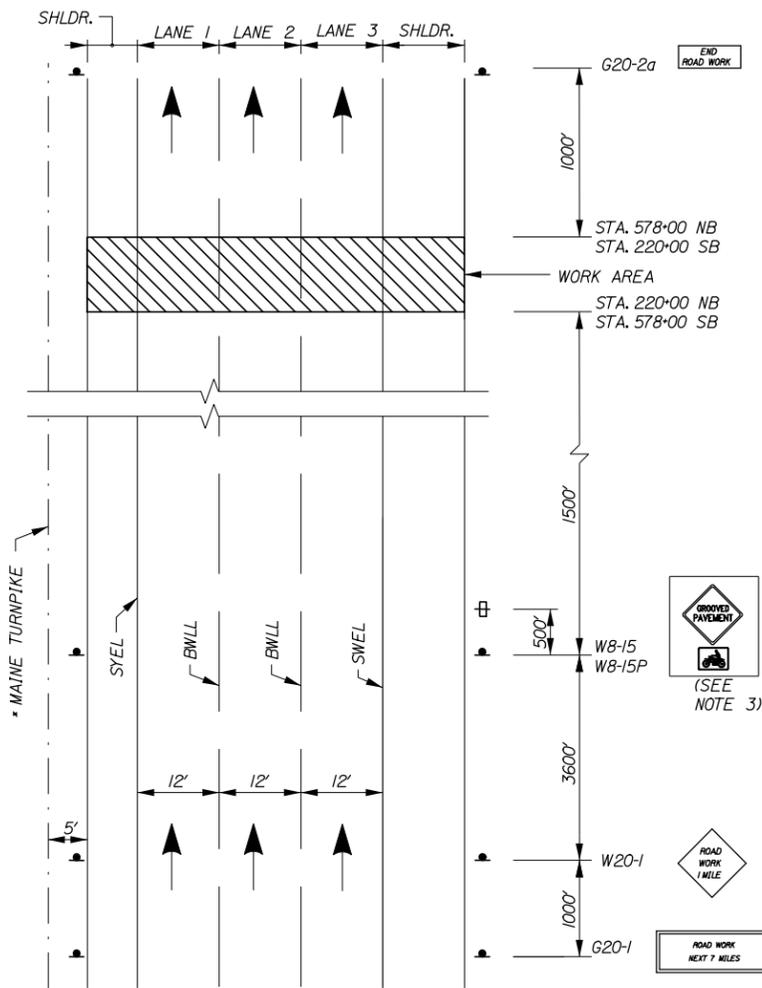
TRAFFIC CONTROL LANE CLOSURE DETAILS 3

SHEET NUMBER: T-7

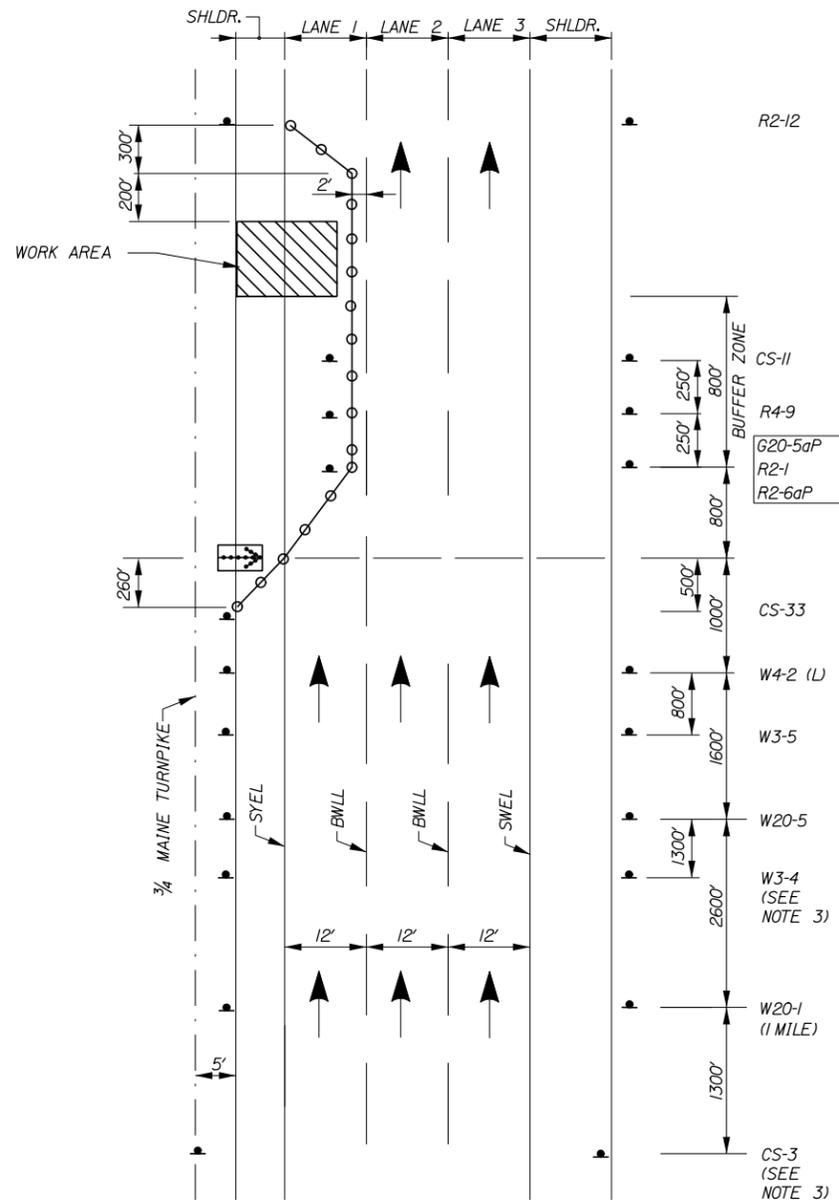
CONTRACT: 2014.01

13 OF 46

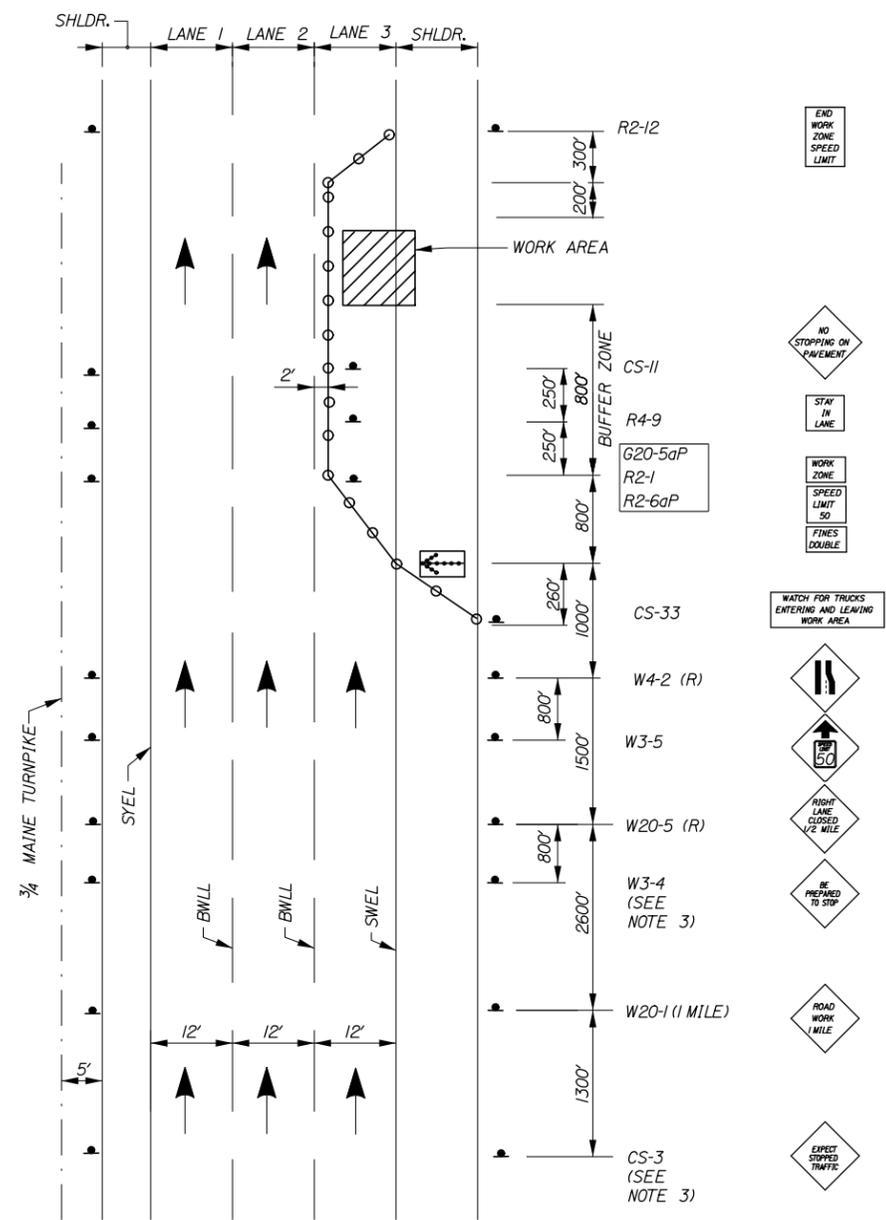
Date: 1/21/2014



**MAINLINE
BEGINNING OF WORK SIGNAGE**



**MAINLINE CLOSURE
DRAINAGE AND PAVEMENT
MARKINGS - LANE 1**



**MAINLINE CLOSURE
DRAINAGE AND PAVEMENT
MARKINGS - LANE 3**

NOTES:

- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
- ALL SIGNS ARE TO BE MOUNTED ON NCHRP 350 APPROVED POST.
- UNCOVER SIGNS WHEN PAVEMENT IS MILLED OR AS DIRECTED BY THE RESIDENT.

NOTES:

- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
- ALL SIGNS ARE TO BE MOUNTED ON EASELS.
- SIGNS SHALL BE USED DURING STOPPAGE OF TRAFFIC.

LEGEND

- = FLASHING ARROW BOARD
- = CONSTRUCTION SIGN
- = PORTABLE CHANGEABLE MESSAGE SIGN
- = DRUMS SPACED AT 80' INTERVALS ON TANGENTS 40' INTERVALS ON TAPERS

Filename: 014_LaneClosure4.dgn

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
By	Date	Checked	Date
JRL	01/14	GJO	01/14
Drawn	MPC	In Charge of	SRT
	01/14		01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

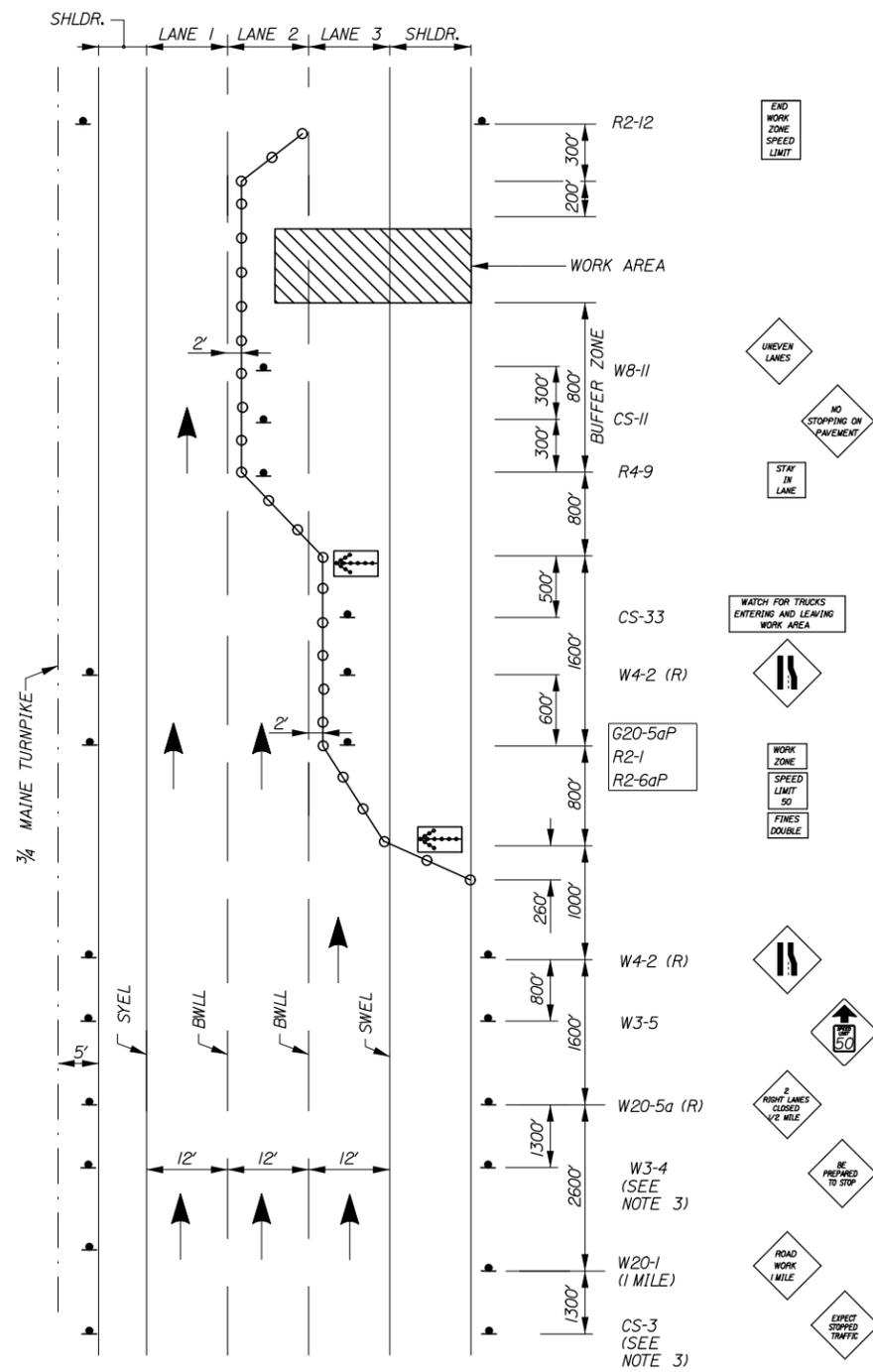
TRAFFIC CONTROL LANE CLOSURE DETAILS 4

SHEET NUMBER: T-8

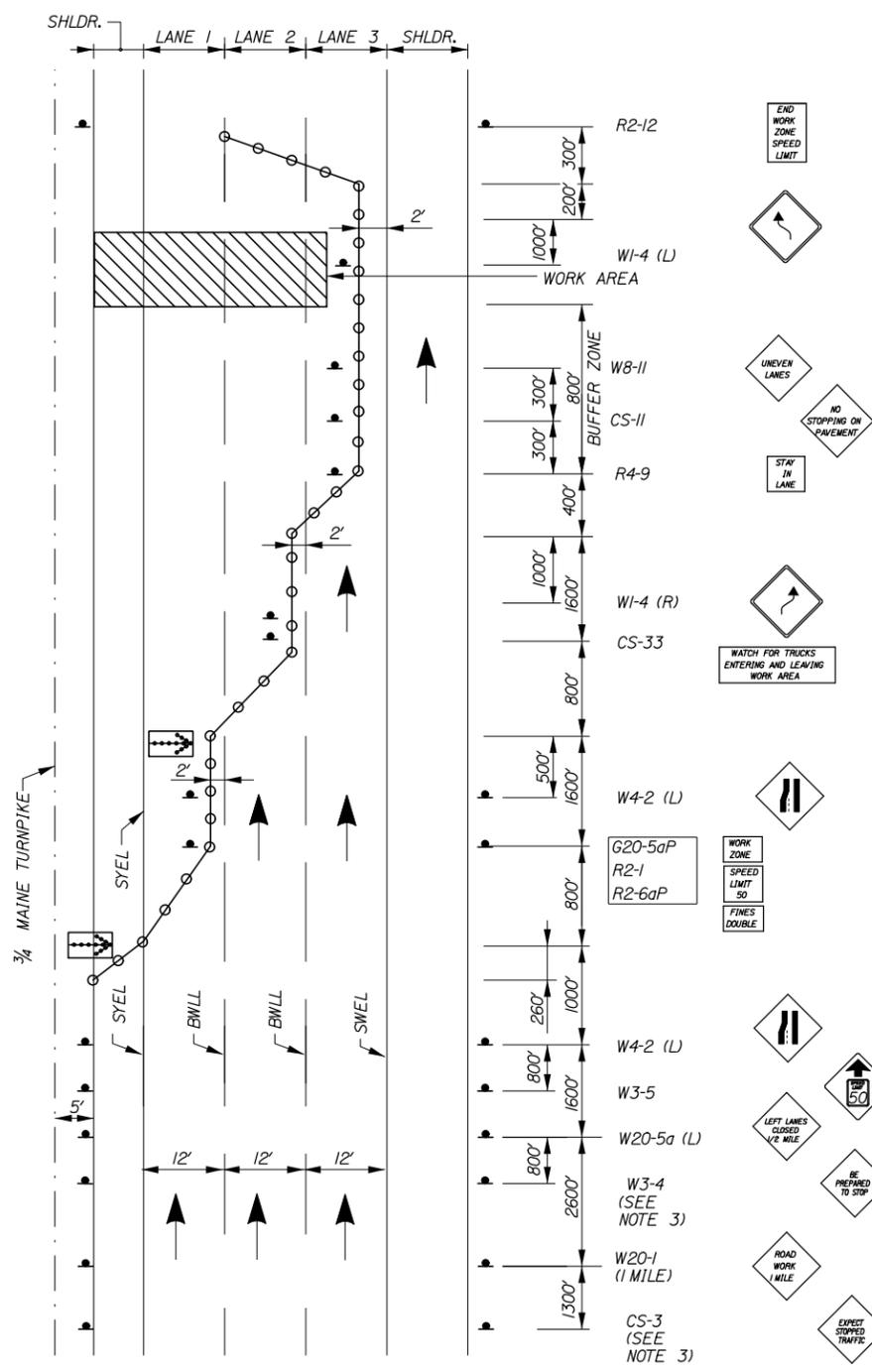
CONTRACT: 2014.01

14 OF 46

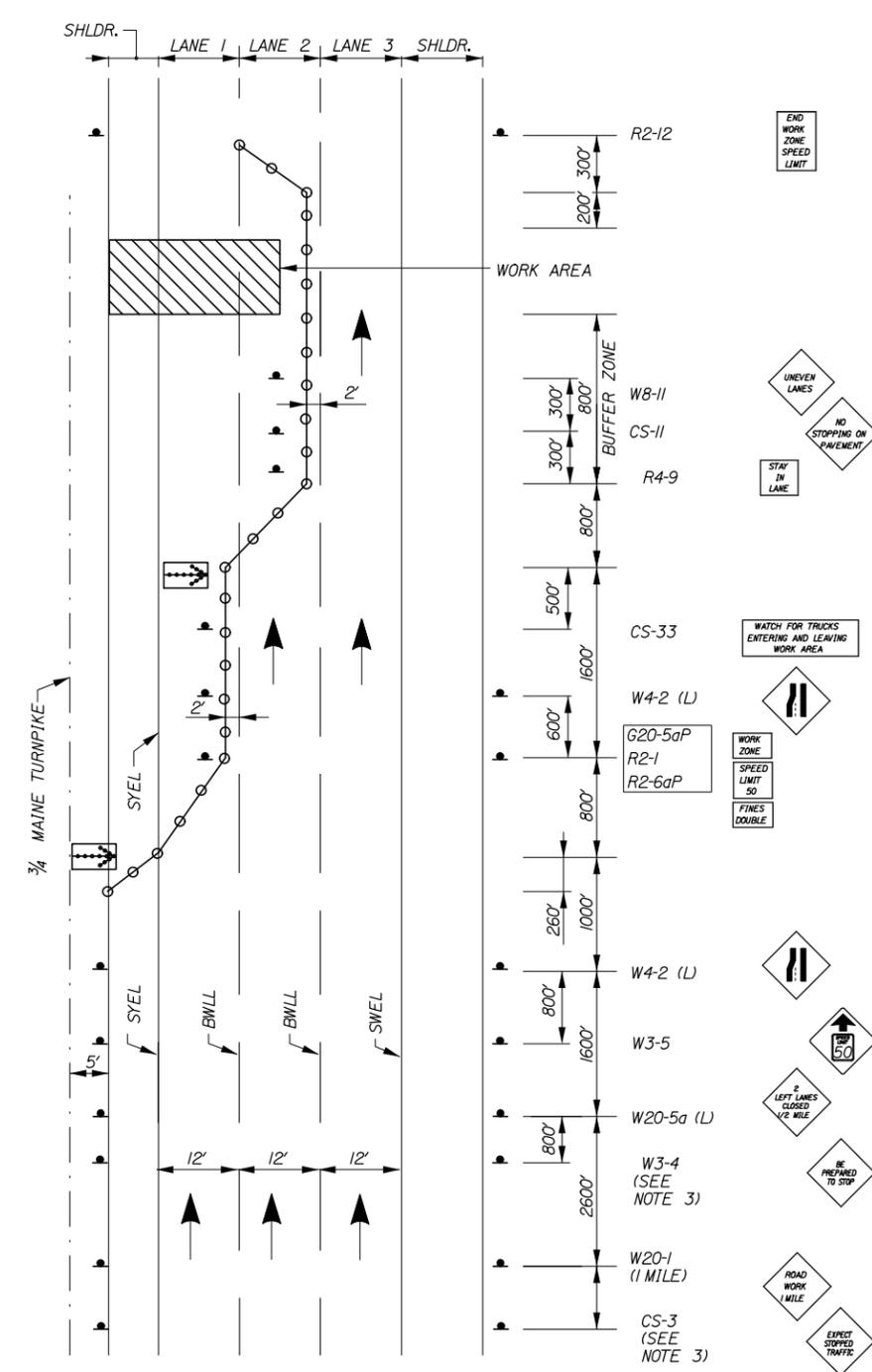
Date: 1/21/2014



MAINLINE CLOSURE
PAVING - LANE 3



MAINLINE CLOSURE
PAVING - LANE 2



MAINLINE CLOSURE
PAVING - LANE 1

LEGEND

- = FLASHING ARROW BOARD
- = CONSTRUCTION SIGN
- = PORTABLE - CHANGEABLE MESSAGE SIGN
- = DRUMS SPACED AT 80' INTERVALS ON TANGENTS 40' INTERVALS ON TAPERS

NOTES:

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. ALL SIGNS ARE TO BE MOUNTED ON EASELS.
3. SIGNS SHALL BE USED DURING STOPPAGE OF TRAFFIC.

Filename: 015_LaneClosure5.dgn

Scale:			
NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
By	Date	Checked	Date
JRL	01/14	GJO	01/14
Drawn	MPC	In Charge of	SRT
	01/14		01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

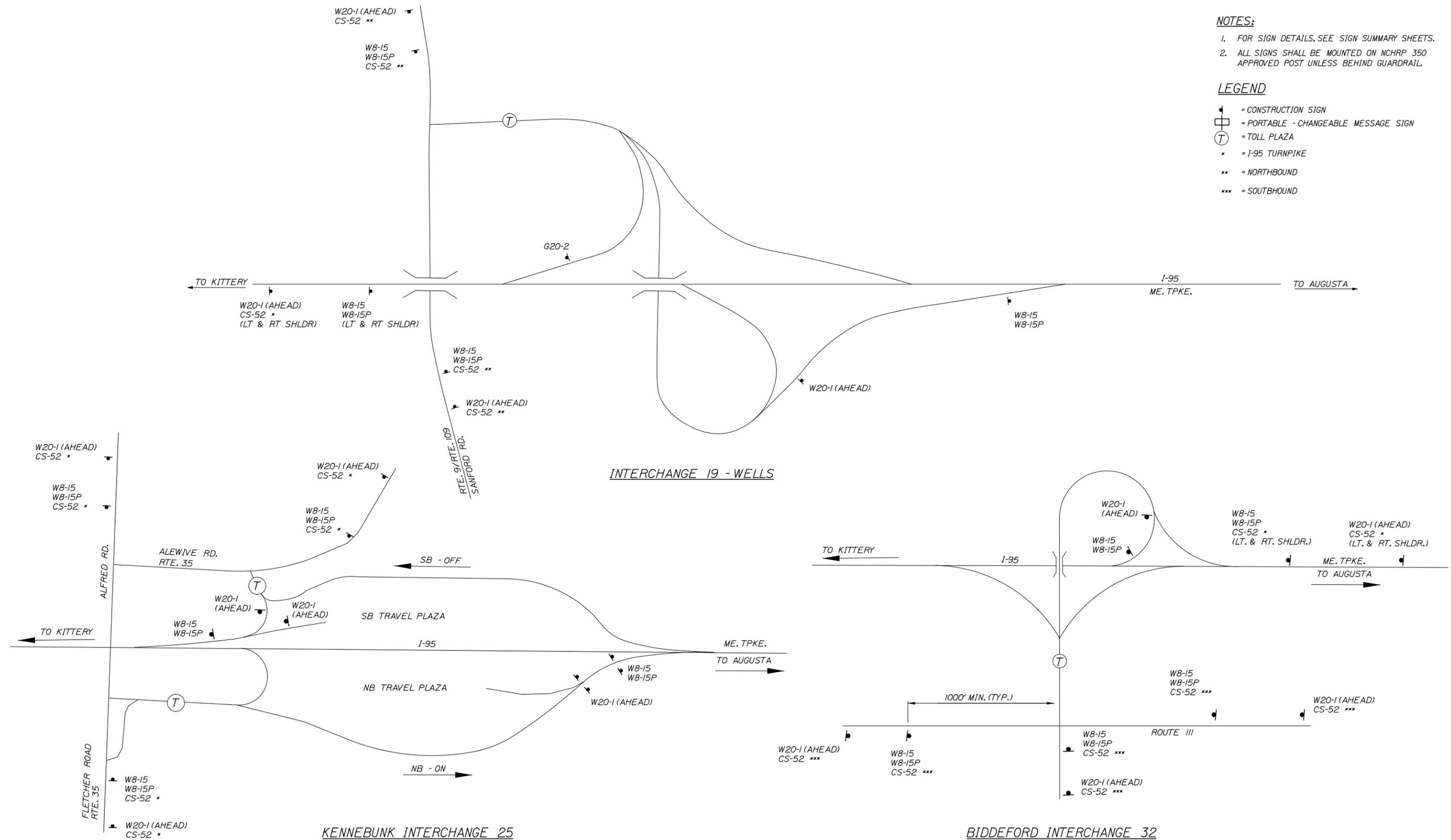
TRAFFIC CONTROL LANE CLOSURE DETAILS 5

SHEET NUMBER: T-9
CONTRACT: 2014.01
15 OF 46

Date: 1/21/2014

- NOTES:**
- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
 - ALL SIGNS SHALL BE MOUNTED ON NCHRP 350 APPROVED POST UNLESS BEHIND GUARDRAIL.

- LEGEND**
- ☐ = CONSTRUCTION SIGN
 - ☐ = PORTABLE - CHANGEABLE MESSAGE SIGN
 - Ⓣ = TOLL PLAZA
 - * = I-95 TURNPIKE
 - ** = NORTHBOUND
 - *** = SOUTHBOUND



Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

	By	Date		By	Date
Designed	JRL	01/14	Checked	GJO	01/14
Drawn	MPC	01/14	In Charge of	SRT	01/14

MAINE TURNPIKE AUTHORITY
 2360 Congress Street
 Portland, ME 04102
 TEL (207) 871-7771
 FAX (207) 879-5567

THE GOLD STAR MEMORIAL HIGHWAY

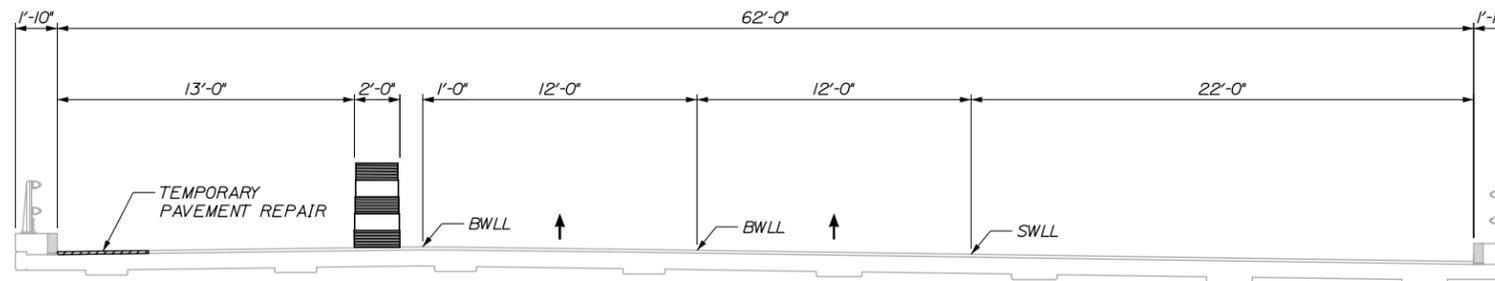
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION &
 BRIDGE DECK RESURFACING
 TRAFFIC CONTROL
 INTERCHANGES 19, 25 AND 32

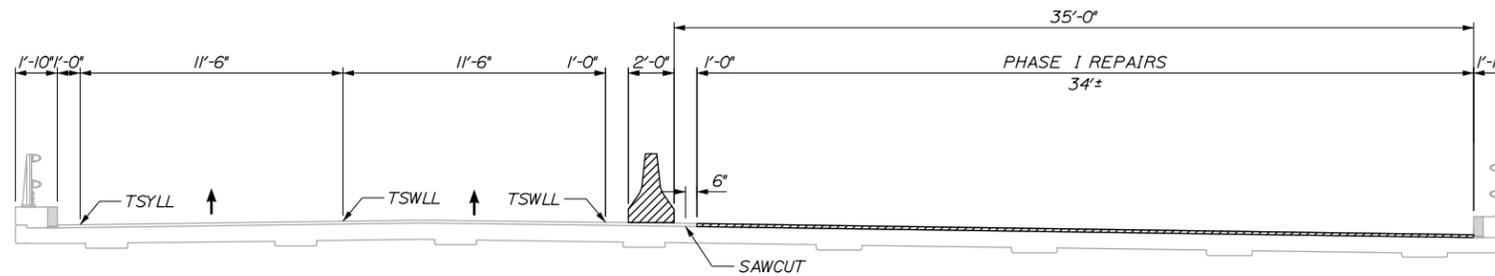
SHEET NUMBER: T-10
 CONTRACT: 2014.01
 16 OF 46

Filename: 016_TCP.dgn

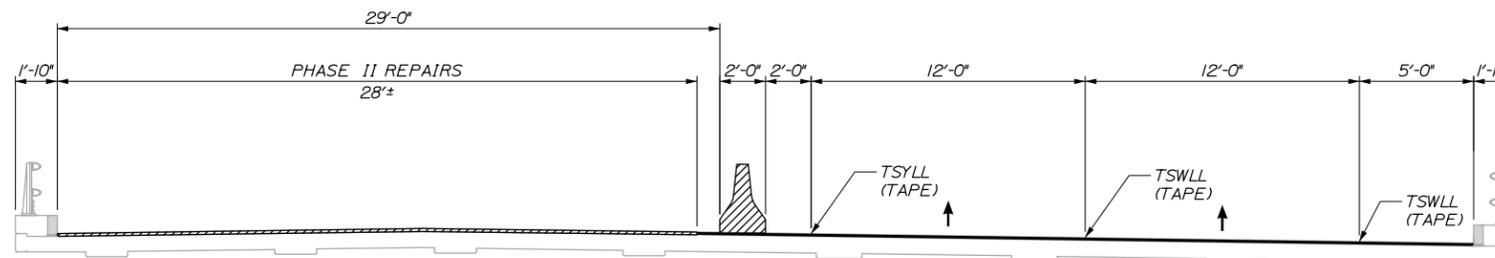
Date: 1/21/2014



NORTHBOUND - PRE-PHASE I
1/4" = 1'-0"



NORTHBOUND - PHASE I
1/4" = 1'-0"



NORTHBOUND - PHASE II
1/4" = 1'-0"

LEGEND

- PHASE I/II WORK AREA
- PHASE I/II COMPLETED

Filename: 017_Mousam_NB_Phasing.dgn

Scale: AS NOTED			
No.	Revision	By	Date

Designed by:					
HNTB					
CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.					
	By	Date		By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
 340 County Road, Suite 6-C
 Westbrook, ME 04092
 TEL (207) 774-5155
 FAX (207) 228-0909

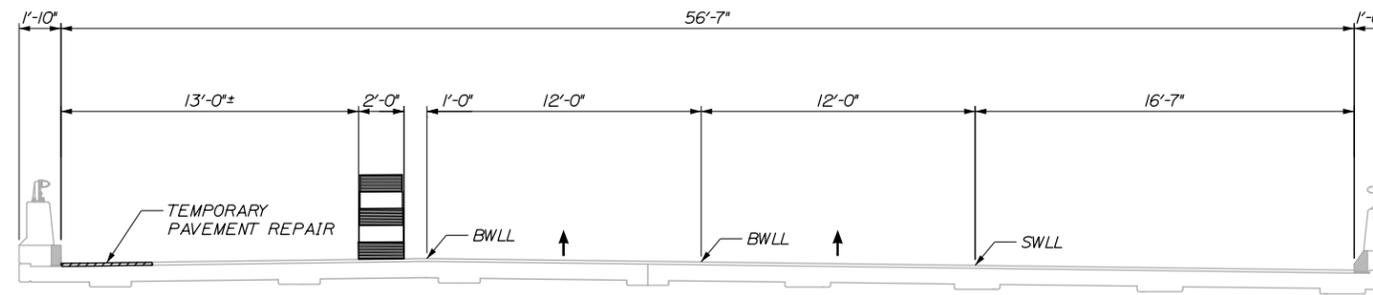
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

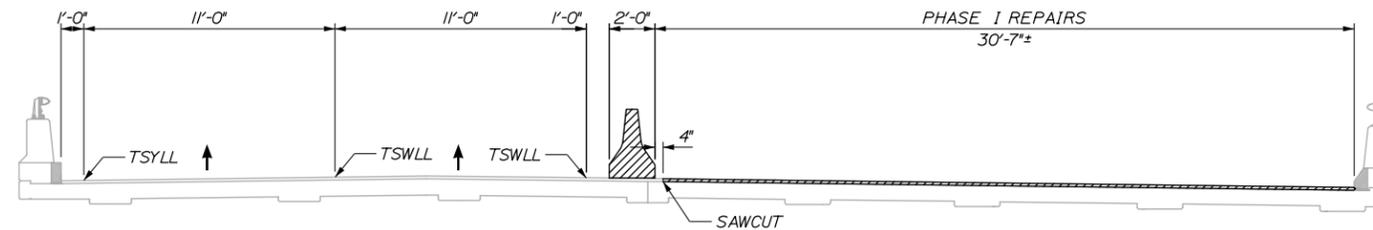
PAVEMENT REHABILITATION AND
 BRIDGE DECK RESURFACING
 MOUSAM RIVER NB
 TRAFFIC PHASING

SHEET NUMBER: T-11
 CONTRACT: 2014.01
 17 OF 46

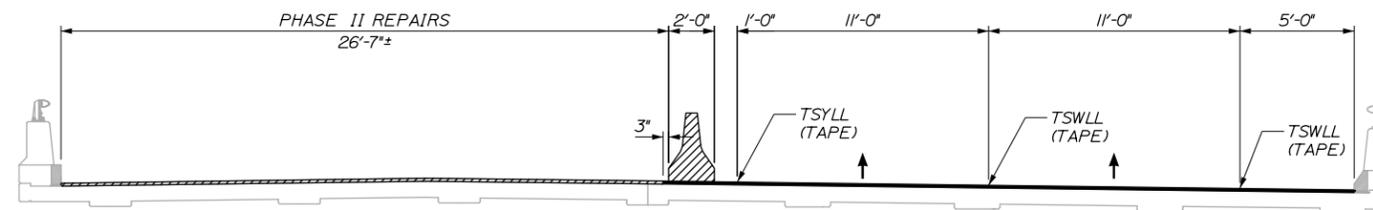
Date: 1/21/2014



SOUTHBOUND - PRE-PHASE I
1/4" = 1'-0"



SOUTHBOUND - PHASE I
1/4" = 1'-0"



SOUTHBOUND - PHASE II
1/4" = 1'-0"

LEGEND

- PHASE I/II WORK AREA
- PHASE I/II COMPLETED

Filename: 018_Mousam_SB_Phasing.dgn

Scale:			
AS NOTED			
No.	Revision	By	Date

Designed by:					
HNTB					
CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.					
	By	Date		By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
 340 County Road, Suite 6-C
 Westbrook, ME 04092
 TEL (207) 774-5155
 FAX (207) 228-0909

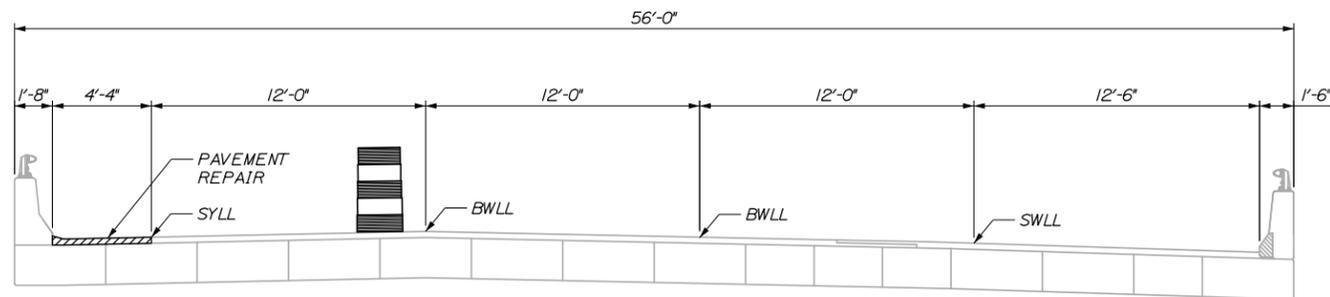
THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

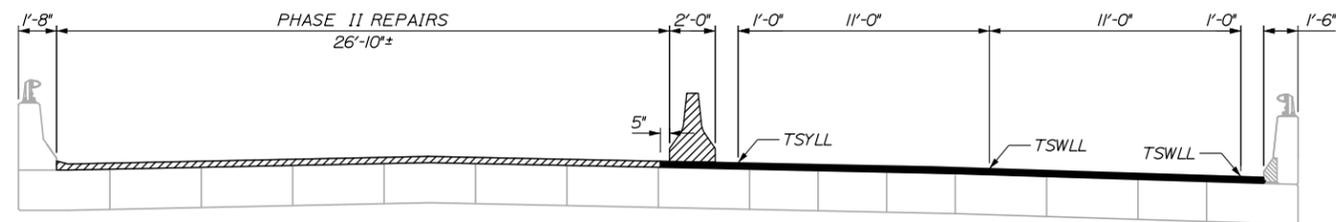
PAVEMENT REHABILITATION AND
 BRIDGE DECK RESURFACING
 MOUSAM RIVER SB
 TRAFFIC PHASING

SHEET NUMBER: T-12
 CONTRACT: 2014.01
 18 OF 46

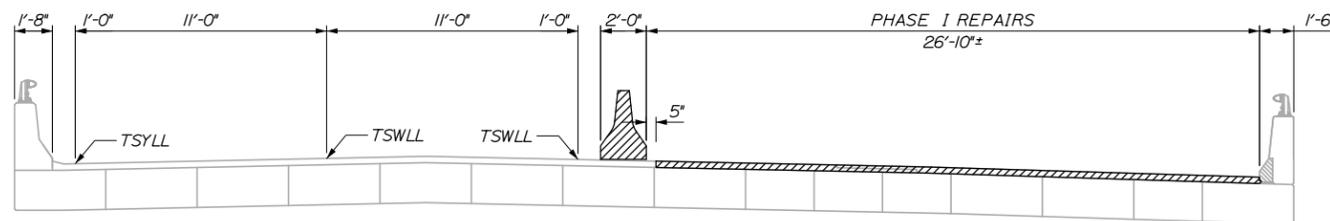
Date: 1/21/2014



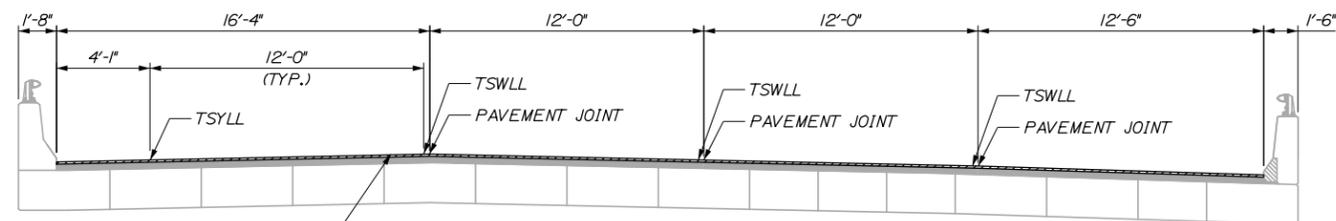
NORTHBOUND AND SOUTHBOUND - PRE-PHASE I
1/4" = 1'-0"



NORTHBOUND AND SOUTHBOUND - PHASE II
1/4" = 1'-0"



NORTHBOUND AND SOUTHBOUND - PHASE I
1/4" = 1'-0"



ADD SECOND LIFT OF PAVEMENT (1/2" MATCHING PAVEMENT JOINT LOCATIONS SHOWN - 4 PULLS

NORTHBOUND AND SOUTHBOUND - PHASE III
1/4" = 1'-0"

LEGEND

- PHASE I/II WORK AREA
- PHASE I/II COMPLETED
- PHASE III SECOND PAVEMENT LIFT

Filename: 019_Kennebunk_Phasing.dgn

Scale: AS NOTED			
No.	Revision	By	Date

Designed by:					
HNTB					
CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.					
	By	Date		By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909

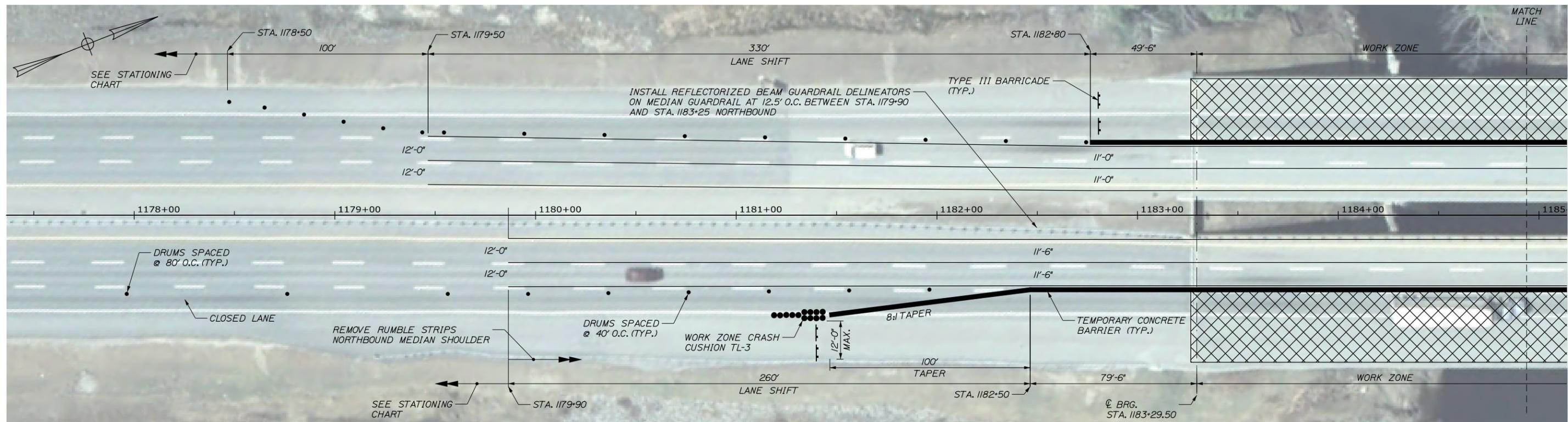
THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

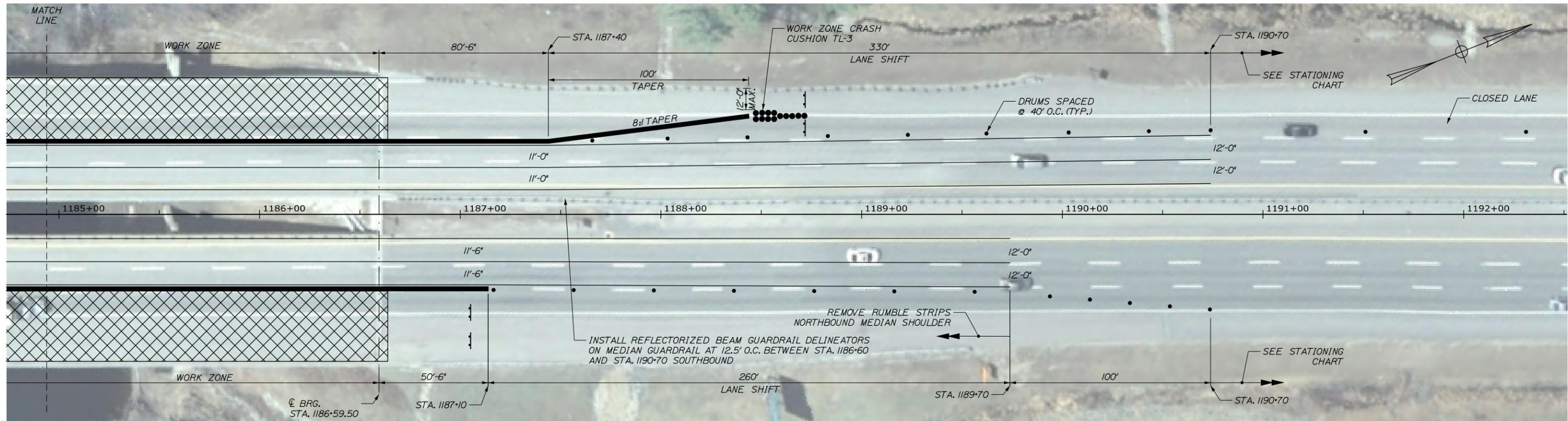
PAVEMENT RESURFACING AND
BRIDGE DECK RESURFACING
KENNEBUNK RIVER NB AND SB
TRAFFIC PHASING

SHEET NUMBER: T-13
CONTRACT: 2014.01
19 OF 46

Date: 1/22/2014



MOUSAM RIVER NB & SB - PHASE I
1" = 25'



Filename: 020_MOT_Mousam_Phase_I.dgn



No.	Revision	By	Date

Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.

	By	Date	Checked	By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909



**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

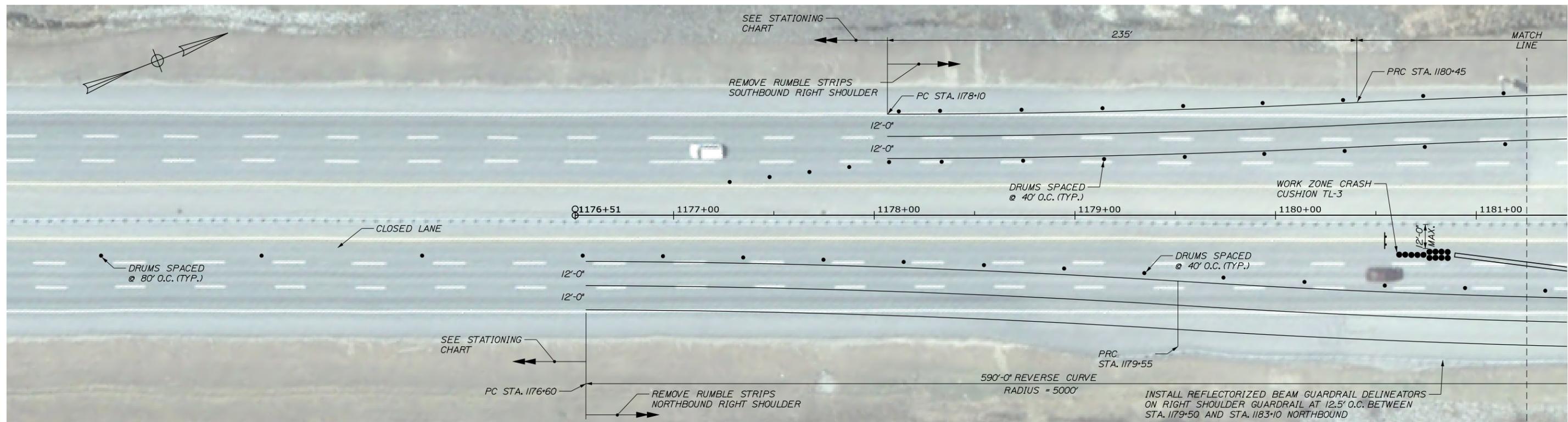
PAVEMENT REHABILITATION AND
BRIDGE DECK RESURFACING
MOUSAM RIVER NB & SB
MAINTENANCE OF TRAFFIC PHASE I

CONTRACT: 2014.01

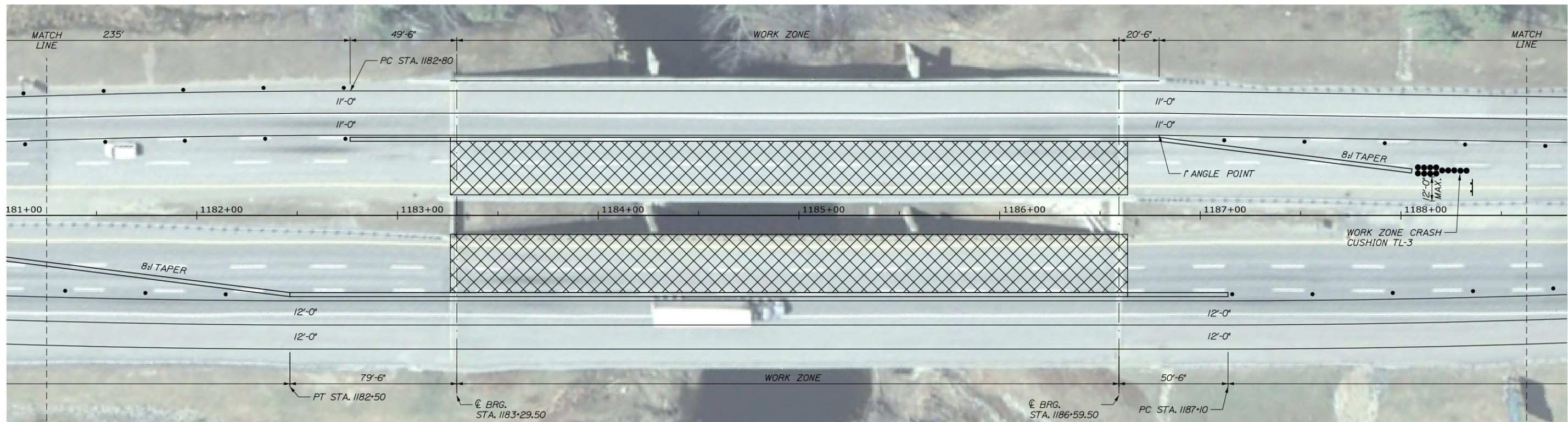
SHEET NUMBER: T-14

20 OF 46

Date: 1/21/2014



MOUSAM RIVER NB & SB - PHASE II
1" = 25'



Filename: 021_MOT_Mousam_Phase_II_A.dgn

Scale:

No.	Revision	By	Date

Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.

	By	Date		By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909

MAINE TURNPIKE

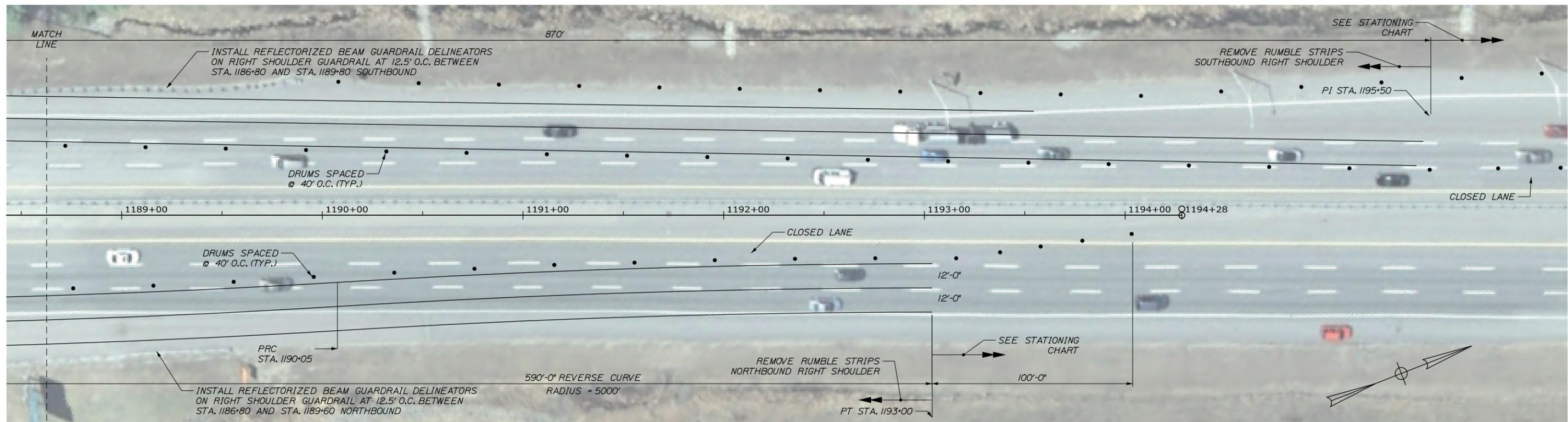
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.E.O.

PAVEMENT REHABILITATION AND
BRIDGE DECK RESURFACING
MOUSAM RIVER NB & SB
MAINTENANCE OF TRAFFIC PHASE II

SHEET NUMBER: T-15
CONTRACT: 2014.01
21 OF 46

Date: 1/21/2014



MOUSAM RIVER NB & SB - PHASE II
1" = 25'

Filename: 022_MOT_Mousam_Phase_II_B.dgn

Scale:			
No.	Revision	By	Date

Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.					
	By	Date		By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909

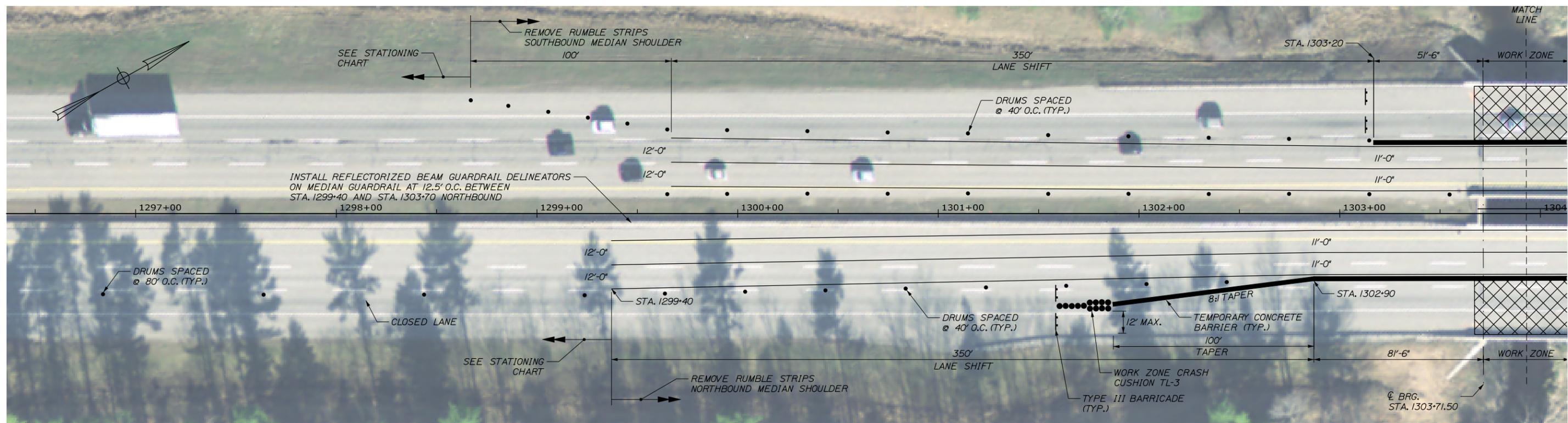
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.E.O.

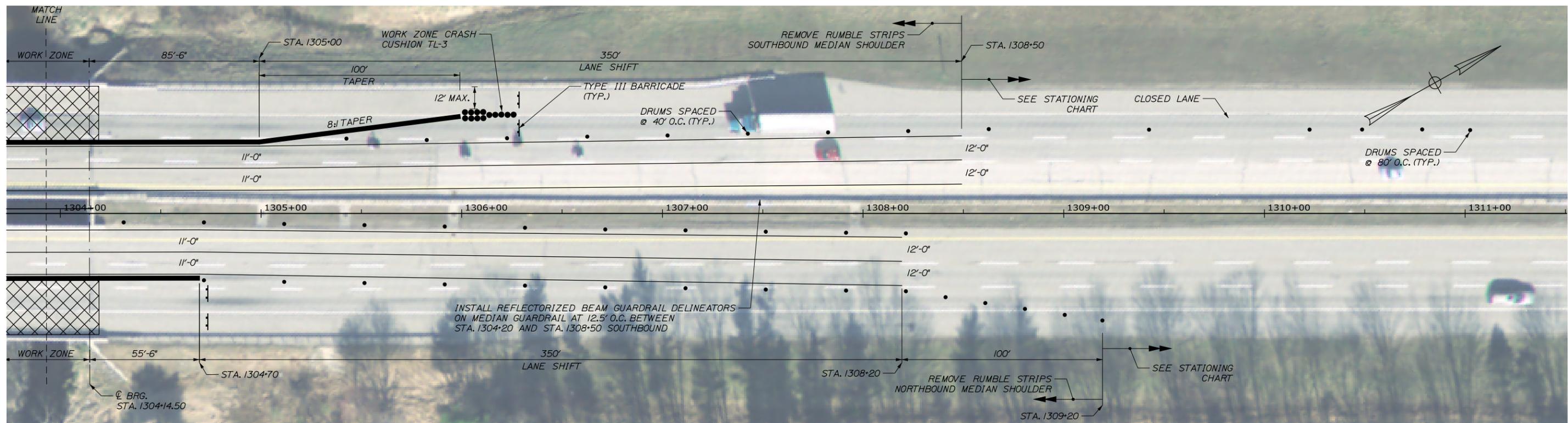
PAVEMENT REHABILITATION AND
BRIDGE DECK RESURFACING
MOUSAM RIVER NB & SB
MAINTENANCE OF TRAFFIC PHASE II

SHEET NUMBER: T-16
CONTRACT: 2014.01
22 OF 46

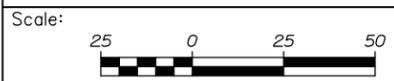
Date: 1/21/2014



KENNEBUNK RIVER NB & SB - PHASE I
1" = 25'



Filename: 023_MOT_Kennebunk_Phase_I.dgn



No.	Revision	By	Date

Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.

	By	Date	Checked	By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909

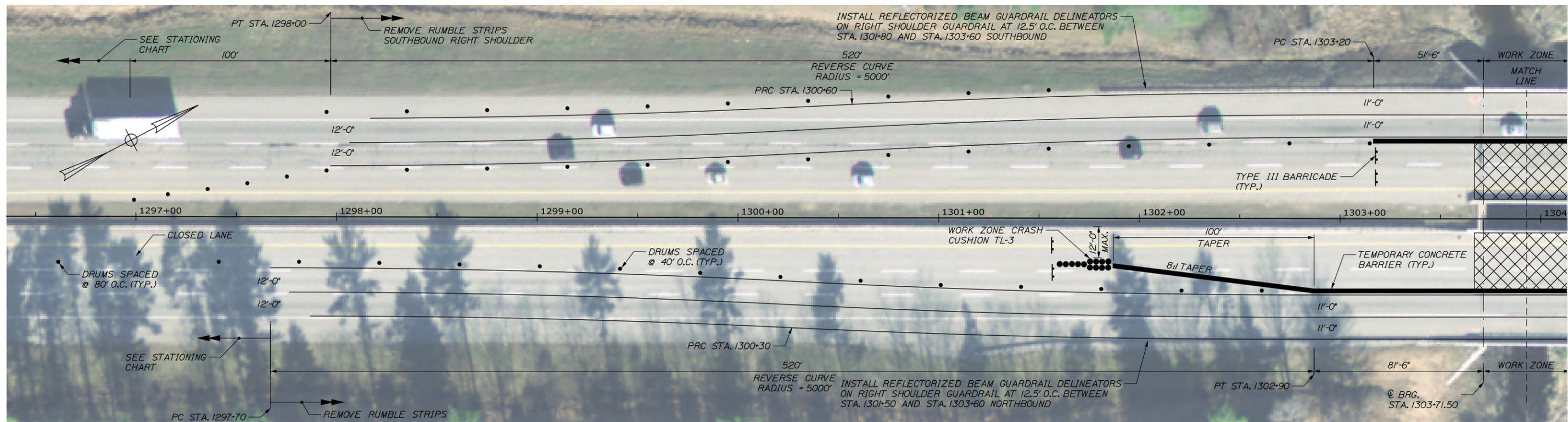
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

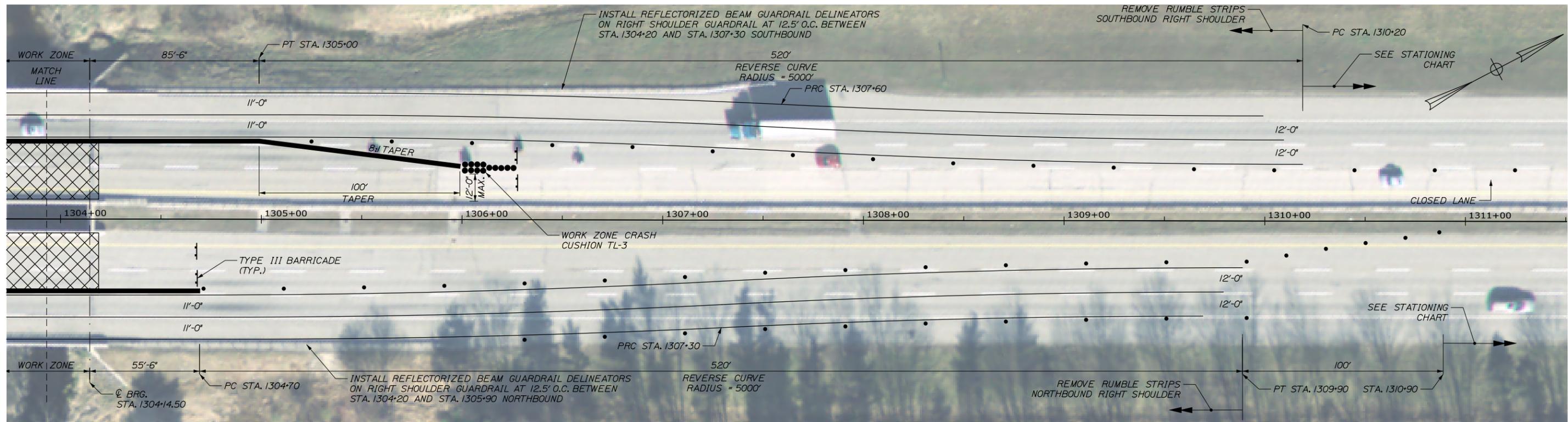
PAVEMENT REHABILITATION AND
BRIDGE DECK RESURFACING
KENNEBUNK RIVER NB & SB
MAINTENANCE OF TRAFFIC PHASE I

SHEET NUMBER: T-17
CONTRACT: 2014.01
23 OF 46

Date: 1/21/2014



KENNEBUNK RIVER NB & SB - PHASE II
1" = 25'



No.	Revision	By	Date

Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.

	By	Date		By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

PAVEMENT REHABILITATION AND BRIDGE DECK RESURFACING
KENNEBUNK RIVER NB & SB
MAINTENANCE OF TRAFFIC PHASE II

SHEET NUMBER: T-18

CONTRACT: 2014.01

24 OF 46

Filename: 024_MOT_Kennebunk_Phase_II.dgn

Date: 1/22/2014

Mousam River Bridge - NB - Double Lane Closure - Left or Right					
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr
1074+00		CS-3 *	Expect Stopped Traffic	1	1
1087+00	1300	W20-1	Road Work - 1 Mile	1	1
1100+50	1350	W3-4 *	Be Prepared to Stop	1	1
1110+70	1020		High Street Bridge - Centerline		
1113+50	280	W20-5aR W20-5aL	2 Right Lanes Closed - 1/2 Mile 2 Left Lanes Closed - 1/2 Mile	1 1	1 1
1121+50	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1 1	1 1
1131+50	1000	Arrow Board	Start 800' Temporary Lane Closure		
1139+50	800		End 800' Lane Closure/ Start 1600' Buffer 50 MPH Speed Limit Ahead Icon	1	1
1147+50	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1 1	1 1
1157+50	1000	Arrow Board	Start 800' Temporary Lane Closure		
1165+50	800		End 800' Lane Closure/ Start 800' Buffer		
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1
1170+59	509		Cat Mousam Bridge - Centerline		
1173+50	291		Start Work Zone		
1191+00	1750		End Work Zone Open 1 Lane to 3 Lanes in 200'		
1193+00	200		3 Lanes Open		
1198+00	500	R2-12**	End Work Zone Speed Limit	1	1
1203+00	500	G20-2**	End Road Work	1	1

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Mousam River Bridge - NB - Single Lane Closure - Left or Right					
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr
1092+00		CS-3 *	Expect Stopped Traffic	1	1
1105+00	1300	W20-1	Road Work - 1 Mile	1	1
1110+70	570	W20-1	Road Work - 1 Mile	1	1
1118+50	780		High Street Bridge - Centerline		
1118+50	780	W3-4 *	Be Prepared to Stop	1	1
1131+50	720	W20-5R W20-5L	Right Lane Closed - 1/2 Mile Left Lane Closed - 1/2 Mile	1 1	1 1
1139+50	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1
1147+50	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1 1	1 1
1157+50	1000	Arrow Board	Start 800' Temporary Lane Closure		
1165+50	800		End 800' Lane Closure/ Start 800' Buffer		
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1
1170+59	509		Cat Mousam Bridge - Centerline		
1173+50	291		Start Work Zone		
1192+00	1850		End Work Zone / Open 1 Lane to 2 Lanes in 100'		
1193+00	100		3 Lanes Open		
1198+00	500	R2-12**	End Work Zone Speed Limit	1	1
1203+00	500	G20-2**	End Road Work	1	1

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Mousam River Bridge - NB - Double Lane Shift Left					
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr
1092+00		CS-3 *	Expect Stopped Traffic	1	1
1105+00	1300	W20-1	Road Work - 1 Mile	1	1
1110+70	570	W20-1	Road Work - 1 Mile	1	1
1110+70	780		High Street Bridge - Centerline		
1118+50	780	W3-4 *	Be Prepared to Stop	1	1
1131+50	1300	W20-5R	Right Lane Closed - 1/2 Mile	1	1
1139+50	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1
1147+50	800	W4-2R	Right Lane Drop Icon	1	1
1157+50	1000	Arrow Board	Start 800' Temporary Lane Closure		
1165+50	800		End 800' Lane Closure/ Start 800' Buffer		
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1
1169+50	400	W24-1aL	Double Lane Shift Left Curve Icon	1	1
1170+59	109		Cat Mousam Bridge - Centerline		
1179+90	931		Start Double Lane Shift Left 260'		
1182+50	260		End Double Lane Shift Left 260' Start Tangent Barrier/ Work Zone / Tangent Barrier		
1187+10	460		End Tangent Barrier/ Work Zone / Tangent Barrier Start Double Lane Shift Right 260'		
1189+70	260		End Double Lane Shift Right 260' Open 2 Lanes to 3 Lanes in 100'		
1190+70	100		3 Lanes Open		
1198+00	730	R2-12**	End Work Zone Speed Limit	1	1
1203+00	500	G20-2**	End Road Work	1	1

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Mousam River Bridge - NB - Double Lane Shift Right					
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr
1092+00		CS-3 *	Expect Stopped Traffic	1	1
1105+00	1300	W20-1	Road Work - 1 Mile	1	1
1110+70	570	W20-1	Road Work - 1 Mile	1	1
1110+70	780		High Street Bridge - Centerline		
1118+50	780	W3-4 *	Be Prepared to Stop	1	1
1131+50	1300	W20-5L	Left Lane Closed - 1/2 Mile	1	1
1139+50	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1
1147+50	800	W4-2L	Left Lane Drop Icon	1	1
1157+50	1000	Arrow Board	Start 800' Temporary Lane Closure		
1165+50	800		End 800' Lane Closure/ Start 800' Buffer		
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1
1169+50	400	W24-1aR	Double Lane Shift Right Curve Icon	1	1
1170+59	109		Cat Mousam Bridge - Centerline		
1176+60	601		PC - Start Double Lane Shift Right		
1179+55	295		PRC - Double Lane Shift Right		
1182+50	295	PT	End Double Lane Shift Right Start Tangent Barrier / Work Zone / Barrier		
1187+10	460		End Tangent Barrier / Work Zone / Barrier PC - Start Double Lane Shift Left 590'		
1190+05	295		PRC - Double Lane Shift Left 590'		
1193+00	295		End Double Lane Shift Left 590' Open 2 Lanes to 3 Lanes in 100'		
1194+00	100		3 Lanes Open		
1198+00	300	R2-12**	End Work Zone Speed Limit	1	1
1203+00	500	G20-2**	End Road Work	1	1

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Mousam River Bridge - SB - Double Lane Closure - Left or Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1312+00		CS-3 *	Expect Stopped Traffic	1	1	2
1299+00	1300	W20-1	Road Work - 1 Mile	1	1	2
1286+50	1250	W20-1	Road Work - 1 Mile	1	1	2
1286+50	900	W3-4 *	Be Prepared to Stop	1	1	2
1273+50	1350	W20-1	Road Work - 1 Mile	1	1	2
1273+50	400	W20-5aR W20-5aL	2 Right Lanes Closed - 1/2 Mile 2 Left Lanes Closed - 1/2 Mile	1 1	1 1	
1265+00	850	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1257+00	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1	1	
1251+00	600		Eastern Trail Pedestrian Bridge - Centerline			
1247+00	400	Arrow Board	Start 800' Temporary Lane Closure	1		
1239+00	800		End 800' Lane Closure/ Start 1800' Buffer			
1231+00	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1	1	
1221+00	1000	Arrow Board	Start 800' Temporary Lane Closure	1		
1213+00	800		End 800' Lane Closure/ Start Extended Buffer			
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1	
1201+00	1200		Route 35 - Centerline			
1196+00	500		End Double Lane Shift Left 330' Start Tangent Barrier/ Work Zone / Tangent Barrier			
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1	
1195+00	100		Start Tangent Barrier / Work Zone / Barrier			
1181+50	1350		End Tangent Barrier / Work Zone / Barrier Open 1 Lane to 3 Lanes in 200'			
1179+50	200		3 Lanes Open			
1174+50	500	R2-12**	End Work Zone Speed Limit	1	1	
1169+50	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Mousam River Bridge - SB - Single Lane Closure - Left or Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1286+50		CS-3 *	Expect Stopped Traffic	1	1	2
1273+50	1300	W20-1	Road Work - 1 Mile	1	1	2
1260+00	1350	W20-1	Road Work - 1 Mile	1	1	2
1260+00	900	W3-4 *	Be Prepared to Stop	1	1	2
1251+00	400		Eastern Trail Pedestrian Bridge - Centerline			
1247+00	800	W20-5L	Left Lane Closed - 1/2 Mile	1	1	
1239+00	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1231+00	1000	W4-2L	Left Lane Drop Icon	1	1	
1221+00	800	Arrow Board	Start 800' Temporary Lane Closure	1		
1213+00	800		End 800' Lane Closure/ Start 800' Buffer			
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1	
1201+00	1200		Route 35 - Centerline			
1196+00	500		End 800' Lane Closure/ Start 800' Buffer			
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1	
1192+50	225		PC - Start Double Lane Shift Right 550'			
1190+25	225		PRC - Double Lane Shift Right 550'			
1188+00	520		PT - End Double Lane Shift Right 550' Start Tangent Barrier / Work Zone / Barrier			
1182+80	225		End Tangent Barrier PC - Start Double Lane Shift Left 550'			
1180+55	225		PRC - Double Lane Shift Left 550'			
1178+30	225		PT - Double Lane Shift Left 550'			
1181+80	100		3 Lanes Open			
1174+50	590	R2-12**	End Work Zone Speed Limit	1	1	
1169+50	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Mousam River Bridge - SB - Double Lane Shift Left						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1286+50		CS-3 *	Expect Stopped Traffic	1	1	2
1273+50	1300	W20-1	Road Work - 1 Mile	1	1	2
1260+00	1350	W20-1	Road Work - 1 Mile	1	1	2
1260+00	900	W3-4 *	Be Prepared to Stop	1	1	2
1251+00	400		Eastern Trail Pedestrian Bridge - Centerline			
1247+00	800	W20-5R	Right Lane Closed - 1/2 Mile	1	1	
1239+00	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1231+00	1000	W4-2R	Right Lane Drop Icon	1	1	
1221+00	800	Arrow Board	Start 800' Temporary Lane Closure	1		
1213+00	800		End 800' Lane Closure/ Start 800' Buffer			
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1	
1202+00	1100	W24-1aL	Double Lane Shift Left Curve Icon	1	1	
1201+00	100		Route 35 - Centerline			
1196+00	500		End 800' Lane Closure/ Start 800' Buffer			
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1	
1190+70	530		Start Double Lane Shift Left 330'			
1187+40	330		End Double Lane Shift Left 330' Start Tangent Barrier/ Work Zone / Tangent Barrier			
		G20-5aP R2-1 (50) R2-6aP	Work Zone Speed Limit 50 Fines Double	1 1 1	1 1 1	
1182+80	460		End Tangent Barrier / Work Zone / Barrier Start Double Lane Shift Right 330'			
1179+50	330		End Double Lane Shift Left 330' Open 2 Lanes to 3 Lanes in 100'			
1178+50	100		3 Lanes Open			
1174+50	400	R2-12**	End Work Zone Speed Limit	1	1	
1169+50	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Mousam River Bridge - SB - Double Lane Shift Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1286+50		CS-3 *	Expect Stopped Traffic	1	1	2
1273+50	1300	W20-1	Road Work - 1 Mile	1	1	2
1260+00	1350	W20-1	Road Work - 1 Mile	1	1	2
1260+00	900	W3-4 *	Be Prepared to Stop	1	1	2
1251+00	400		Eastern Trail Pedestrian Bridge - Centerline			
1247+00	800	W20-5L	Left Lane Closed - 1/2 Mile	1	1	
1239+00	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1231+00	1000	W4-2L	Left Lane Drop Icon	1	1	
1221+00	8					

Date: 1/21/2014

Kennebunk River Bridge - NB - Double Lane Closure - Left or Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1202+00		CS-3 *	Expect Stopped Traffic	1	1	2
1215+00	1300	W20-1	Road Work - 1 Mile	1	1	2
1222+00		W3-4 *	Be Prepared to Stop	1	1	2
1229+70	1300	W20-5aR W20-5aL	2 Right Lanes Closed - 1/2 Mile 2 Left Lanes Closed - 1/2 Mile	1	1	2
1237+50	780	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1245+70	820	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1	1	
1251+00	530		Eastern Trail Pedestrian Bridge - Centerline			
1255+70	470		Eastern Trail Pedestrian Bridge - Centerline			
1255+70	800	Arrow Board	Start 800' Temporary Lane Closure			
1263+70			End 800' Lane Closure/ Start 1800' Buffer			
		G20-5aP	Work Zone	1	1	
		R2-1 (50)	Speed Limit 50	1	1	
		R2-6aP	Fines Double	1	1	
1271+70	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1	1	
1281+70	1000	Arrow Board	Start 800' Lane Drop			
1289+70	800		End 800' Lane Drop/ Start Lane Drop Buffer			
		R4-9	Stay In Lane	1	1	
1297+70	800		End Lane Drop Buffer 800'			
			Start Tangent Buffer / Work Zone / Buffer			
1304+70	700		End Tangent Buffer / Work Zone / Buffer			
			Open 1 Lanes to 3 Lanes in 200'			
1306+70	200		3 Lanes Open			
1313+90	720	R2-12**	End Work Zone Speed Limit	1	1	
1318+90	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Kennebunk River Bridge - NB - Single Lane Closure - Left or Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1216+30		CS-3 *	Expect Stopped Traffic	1	1	2
1229+30	1300	W20-1	Road Work - 1 Mile	1	1	2
1242+70	1340	W3-4 *	Be Prepared to Stop	1	1	
1251+00	830		Eastern Trail Pedestrian Bridge - Centerline			
1255+70	470		Eastern Trail Pedestrian Bridge - Centerline			
1255+70	800	W20-5R W20-5L	Right Lane Closed - 1/2 Mile Left Lane Closed - 1/2 Mile	1	1	
1263+70	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1271+70	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1	1	
1281+70	1000	Arrow Board	Start 800' Lane Drop			
1289+70	800		End 800' Lane Drop/ Start Lane Drop Buffer			
		G20-5aP	Work Zone	1	1	
		R2-1 (50)	Speed Limit 50	1	1	
		R2-6aP	Fines Double	1	1	
1287+70	800		End Lane Drop Buffer 800'			
			Start Tangent Buffer / Work Zone / Buffer			
1304+70	700		End Tangent Buffer / Work Zone / Buffer			
			Open 2 Lanes to 3 Lanes in 100'			
1305+70	100		3 Lanes Open			
1313+90	820	R2-12**	End Work Zone Speed Limit	1	1	
1318+90	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Kennebunk River Bridge - NB - Double Lane Shift Left						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1216+30		CS-3 *	Expect Stopped Traffic	1	1	2
1229+30	1300	W20-1	Road Work - 1 Mile	1	1	2
1242+70	1340	W3-4 *	Be Prepared to Stop	1	1	
1251+00	830		Eastern Trail Pedestrian Bridge - Centerline			
1255+70	470		Eastern Trail Pedestrian Bridge - Centerline			
1255+70	800	W20-5R	Right Lane Closed - 1/2 Mile	1	1	
1263+70	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1271+70	800	W4-2R	Right Lane Drop Icon	1	1	
1271+70	1000		Eastern Trail Pedestrian Bridge - Centerline			
1281+70	800	Arrow Board	Start 800' Lane Drop			
1289+70	800		End 800' Lane Drop/ Start 800' Buffer			
		G20-5aP	Work Zone	1	1	
		R2-1 (50)	Speed Limit 50	1	1	
		R2-6aP	Fines Double	1	1	
1293+70	400	W24-1aL	Double Lane Shift Left Curve Icon	1	1	
1299+40	570		Start Double Lane Shift Left 350'			
1302+90	350		End Double Lane Shift Left 350'			
			Start Tangent Barrier / Work Zone / Barrier			
1304+70	180		End Tangent Barrier			
			Start Double Lane Shift Left 350'			
1308+20	350		End Double Lane Shift Left 350'			
			Open 2 Lanes to 3 Lanes in 100'			
1309+20	100		3 Lanes Open			
1313+90	470	R2-12**	End Work Zone Speed Limit	1	1	
1318+90	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Kennebunk River Bridge - NB - Double Lane Shift Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1216+30		CS-3 *	Expect Stopped Traffic	1	1	2
1229+30	1300	W20-1	Road Work - 1 Mile	1	1	2
1242+70	1340	W3-4 *	Be Prepared to Stop	1	1	
1251+00	830		Eastern Trail Pedestrian Bridge - Centerline			
1255+70	470		Eastern Trail Pedestrian Bridge - Centerline			
1255+70	800	W20-5L	Left Lane Closed - 1/2 Mile	1	1	
1263+70	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1271+70	800	W4-2L	Left Lane Drop Icon	1	1	
1271+70	1000		Eastern Trail Pedestrian Bridge - Centerline			
1281+70	800	Arrow Board	Start 800' Lane Drop			
1289+70	800		End 800' Lane Drop/ Start 800' Buffer			
		G20-5aP	Work Zone	1	1	
		R2-1 (50)	Speed Limit 50	1	1	
		R2-6aP	Fines Double	1	1	
1293+70	400	W24-1aR	Double Lane Shift Right Curve Icon	1	1	
1297+70	400		PC - Start Double Lane Shift Right 520'			
1300+30	260		PRC - Double Lane Shift Right 520'			
1302+90	260		PT - End Double Lane Shift Right 520'			
			Start Tangent Barrier / Work Zone / Barrier			
1304+70	180		End Tangent Barrier			
			PC - Start Double Lane Shift Left 520'			
1307+30	260		PRC - Double Lane Shift Left 520'			
1309+90	260		End Double Lane Shift Left 520'			
			Open 2 Lanes to 3 Lanes in 100'			
1310+90	100		3 Lanes Open			
1313+90	300	R2-12**	End Work Zone Speed Limit	1	1	
1318+90	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Kennebunk River Bridge - SB - Double Lane Closure - Left or Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1417+00		CS-3 *	Expect Stopped Traffic	1	1	
1404+00	1300	W20-1	Road Work - 1 Mile	1	1	
1391+00	1300	W3-4 *	Be Prepared to Stop	1	1	
1378+00	1300	W20-5aR W20-5aL	2 Right Lanes Closed - 1/2 Mile 2 Left Lanes Closed - 1/2 Mile	1	1	
1370+00	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1362+00	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1	1	
1357+50	450		Limerick Road			
1352+00	550		Limerick Road			
1352+00	800	Arrow Board	Start 800' Temporary Lane Closure			
1344+00	800		End 800' Lane Closure/ Start 1800' Buffer			
		G20-5aP	Work Zone	1	1	
		R2-1 (50)	Speed Limit 50	1	1	
		R2-6aP	Fines Double	1	1	
1314+00	400		End 800' Lane Closure/ Start 1800' Buffer			
1314+00	550	W24-1aL	Double Lane Shift Left Curve Icon	1	1	
1308+50	620		Start Double Lane Shift Left 350'			
1305+00	350		End Double Lane Shift Left 350'			
			Start Tangent Barrier / Work Zone / Barrier			
1303+20	180		End Tangent Barrier / Work Zone / Barrier			
			Start Double Lane Shift Left 350'			
1299+70	350		End Double Lane Shift Left 350'			
			Open 2 Lanes to 3 Lanes in 100'			
1298+70	100		3 Lanes Open			
1292+50	620	R2-12**	End Work Zone Speed Limit	1	1	
1287+50	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Kennebunk River Bridge - SB - Single Lane Closure - Left or Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1301+00		CS-3 *	Expect Stopped Traffic	1	1	
1378+00	1300	W20-1	Road Work - 1 Mile	1	1	
1365+00	750	W3-4 *	Be Prepared to Stop	1	1	
1357+50	550		Limerick Road			
1352+00	800	W20-5R W20-5L	Right Lane Closed - 1/2 Mile Left Lane Closed - 1/2 Mile	1	1	
1344+00	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1336+00	800	W4-2R W4-2L	Right Lane Drop Icon Left Lane Drop Icon	1	1	
1326+00	1000	Arrow Board	Start 800' Lane Drop			
1318+00	800		End 800' Lane Drop/ Start Lane Drop Buffer			
		G20-5aP	Work Zone	1	1	
		R2-1 (50)	Speed Limit 50	1	1	
		R2-6aP	Fines Double	1	1	
1310+00	800		End Lane Drop Buffer 800'			
			Start Tangent Buffer / Work Zone / Buffer			
1298+50	1150		End Tangent Buffer / Work Zone / Buffer			
			Open 2 Lanes to 3 Lanes in 100'			
1297+50	100		3 Lanes Open			
1292+50	500	R2-12**	End Work Zone Speed Limit	1	1	
1287+50	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Kennebunk River Bridge - SB - Double Lane Shift Left						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1391+00		CS-3 *	Expect Stopped Traffic	1	1	
1378+00	1300	W20-1	Road Work - 1 Mile	1	1	
1365+00	750	W3-4 *	Be Prepared to Stop	1	1	
1357+50	550		Limerick Road			
1352+00	800	W20-5R	Right Lane Closed - 1/2 Mile	1	1	
1344+00	800	W3-5 (50)	50 MPH Speed Limit Ahead Icon	1	1	
1336+00	800	W4-2R	Right Lane Drop Icon	1	1	
1326+00	1000	Arrow Board	Start 800' Lane Drop			
1318+00	800		End 800' Lane Drop/ Start 800' Buffer			
		G20-5aP	Work Zone	1	1	
		R2-1 (50)	Speed Limit 50	1	1	
		R2-6aP	Fines Double	1	1	
1314+00	400		End 800' Lane Drop/ Start 800' Buffer			
1314+00	550	W24-1aL	Double Lane Shift Left Curve Icon	1	1	
1308+50	350		Start Double Lane Shift Left 350'			
1305+00	180		End Double Lane Shift Left 350'			
			Start Tangent Barrier / Work Zone / Barrier			
1303+20	350		End Tangent Barrier / Work Zone / Barrier			
			Start Double Lane Shift Left 350'			
1299+70	350		End Double Lane Shift Left 350'			
			Open 2 Lanes to 3 Lanes in 100'			
1298+70	100		3 Lanes Open			
1292+50	620	R2-12**	End Work Zone Speed Limit	1	1	
1287+50	500	G20-2**	End Road Work	1	1	

* Signs erected for scheduled stopped traffic or anticipated backups only
** Signs are in the same location for all traffic control setups

Kennebunk River Bridge - SB - Double Lane Shift Right						
Station	Distance	Sign(s)	Description	Median Shldr	Right Shldr	Ramp
1391+00		CS-3 *	Expect Stopped Traffic</			

Date: 1/21/2014

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET	NOTES
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND BORDER			
E5-1	72"	60"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" - 2000			2	GREEN	WHITE		30.00 (60)	
E5-2	48"	36"					2	ORANGE	BLACK		12.00 (24)	
G20-1 (7)	48"	24"					4	ORANGE	BLACK		8.00 (32)	
G20-2	48"	24"					12	ORANGE	BLACK		8.00 (96)	
G20-5aP	48"	24"					26	ORANGE	BLACK		8.00 (208)	
R1-1	48"	48"					2	RED	WHITE		16.00 (32)	
R1-2	60"	60"	60"				2	WHITE	RED		12.50 (25)	
R2-1 (50)	48"	60"					26	WHITE	BLACK		20.00 (520)	
R2-6aP	48"	24"					26	WHITE	BLACK		8.00 (208)	
R2-12	36"	54"					12	WHITE	BLACK		13.50 (162)	
R4-9	48"	60"					26	WHITE	BLACK		20.00 (520)	
W1-4R	48"	48"					12	ORANGE	BLACK		16.00 (192)	
W1-4L	48"	48"					12	ORANGE	BLACK		16.00 (192)	

NOTES:
1. W8-1 CONSTRUCTION SIGN TO BE USED AT LOCATIONS DETERMINED IN THE FIELD BY THE RESIDENT.

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET	NOTES
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND BORDER			
W3-1	48"	48"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" - 2000			4	ORANGE	BLACK		16.00 (64)	
W3-2a	48"	48"					4	ORANGE	BLACK		16.00 (64)	
W3-4	48"	48"					6	ORANGE	BLACK		16.00 (96)	
W3-5	48"	48"					12	ORANGE	BLACK		16.00 (192)	
W4-1	48"	48"					4	ORANGE	BLACK		16.00 (64)	
W4-2L	48"	48"					12	ORANGE	BLACK		16.00 (192)	
W4-2R	48"	48"					12	ORANGE	BLACK		16.00 (192)	
W5-4	48"	48"					12	ORANGE	BLACK		16.00 (192)	
W8-1	48"	48"					12	ORANGE	BLACK		16.00 (192)	
W8-11	48"	48"					26	ORANGE	BLACK		16.00 (416)	

Filename: 029_SignSumm1.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

		By	Date	By	Date
		JRL	01/14	GJO	01/14
Designed	JRL	01/14	Checked	GJO	01/14
Drawn	MPC	01/14	In Charge of	SRT	01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

THE GOLD STAR MEMORIAL HIGHWAY
 MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING
 TRAFFIC CONTROL SIGN SUMMARY 1
 SHEET NUMBER: T-23
 CONTRACT: 2014.01
 29 OF 46

Date: 1/21/2014

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET	NOTES
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND BORDER			
W8-15	48"	48"	GROOVED PAVEMENT	TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" - 2000			17	ORANGE	BLACK		16.00 (272)	
W8-15P	30"	24"					17	ORANGE	BLACK		5.00 (85)	
W20-1 (1 MILE) (AHEAD)	48"	48"	ROAD WORK XXX				12 18	ORANGE	BLACK		16.00 (192) 16.00 (288)	
W20-5	48"	48"	LANE CLOSED				4	ORANGE	BLACK		16.00 (64)	
W20-5L (1/2 MILE) (AHEAD)	48"	48"	LEFT LANE CLOSED 1/2 MILE				8 4	ORANGE	BLACK		16.00 (128) 16.00 (64)	
W20-5R (1/2 MILE) (AHEAD)	48"	48"	RIGHT LANE CLOSED 1/2 MILE				8 4	ORANGE	BLACK		16.00 (128) 16.00 (64)	
W20-5aL (1/2 MILE)	48"	48"	2 XXX LANES CLOSED 1/2 MILE				6	ORANGE	BLACK		16.00 (96)	
W20-5aR (1/2 MILE)	48"	48"	2 XXX LANES CLOSED 1/2 MILE				6	ORANGE	BLACK		16.00 (96)	
W21-5aR W21-5aL	48"	48"	XXX SHOULDER CLOSED				4 4	ORANGE	BLACK		16.00 (64) 16.00 (64)	
W21-5aR (1000) W21-5aL (1000)	48"	48"	XXX SHOULDER CLOSED XXX FT				4 4	ORANGE	BLACK		16.00 (64) 16.00 (64)	
W24-1L	48"	48"					4	ORANGE	BLACK		16.00 (64)	

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET	NOTES
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND BORDER			
W24-1R	48"	48"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" - 2000			4	ORANGE	BLACK		16.00 (64)	
W24-1aL	48"	48"					8	ORANGE	BLACK		16.00 (128)	
W24-1aR	48"	48"					8	ORANGE	BLACK		16.00 (128)	
CS-3	48"	48"	EXPECT STOPPED TRAFFIC	6" 6" 6"	4" 4" 4"		6	ORANGE	BLACK		16.00 (96)	
CS-4	24"	24"	ON RAMP	6" 6"	4" 4"		4	ORANGE	BLACK		4.00 (16)	
CS-10	48"	48"	TRUCK ENTERING	6" 6"	4"		2	ORANGE	BLACK		16.00 (32)	
CS-11	48"	48"	NO STOPPING ON PAVEMENT	6" 6" 6"	4" 4" 4"		3	ORANGE	BLACK		16.00 (48)	
CS-19	48"	48"	EXIT OPEN AHEAD	6" 6" 6"	4" 4" 4"		2	ORANGE	BLACK		16.00 (32)	
CS-33	96"	36"	WATCH FOR TRUCKS ENTERING AND LEAVING WORK AREA	6" 6" 6"	4.5" 4.5"		3	ORANGE	BLACK		24.00 (72)	
CS-52	48"	24"	1-95/ TURNPIKE NORTH BOUND SOUTH BOUND	6" 6"	4"		12 4 6	ORANGE	BLACK		8.00 (96) 8.00 (32) 8.00 (48)	

Filename: 030_SignSumm2.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

By	Date	By	Date
JRL	01/14	GJO	01/14
MPC	01/14	SRT	01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567



**THE GOLD STAR
MEMORIAL HIGHWAY**

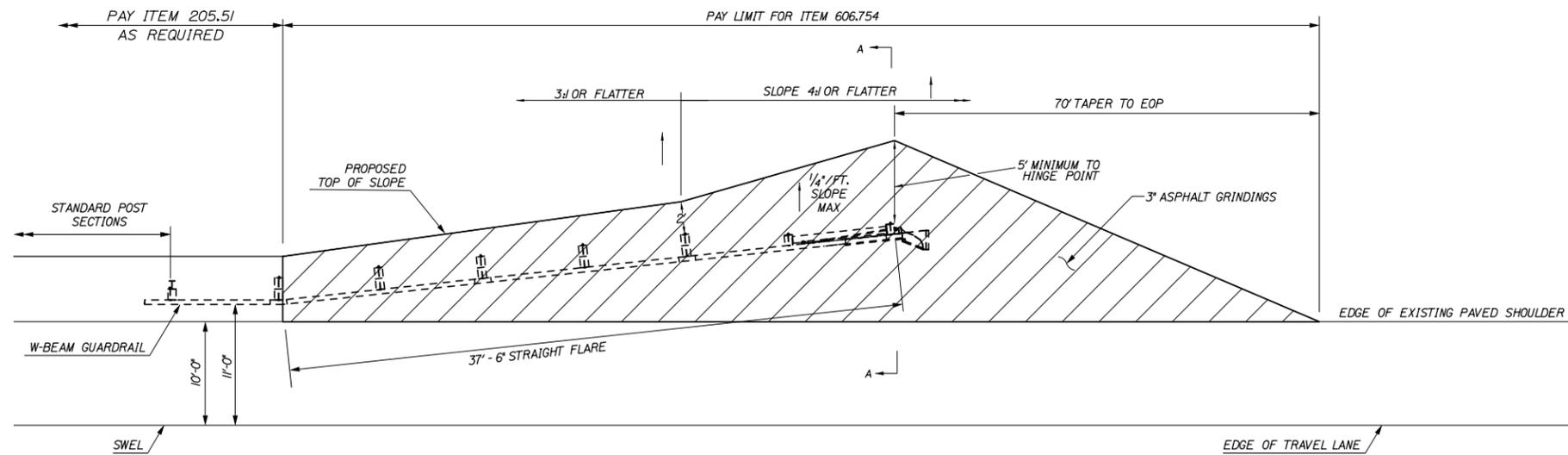
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION &
BRIDGE DECK RESURFACING

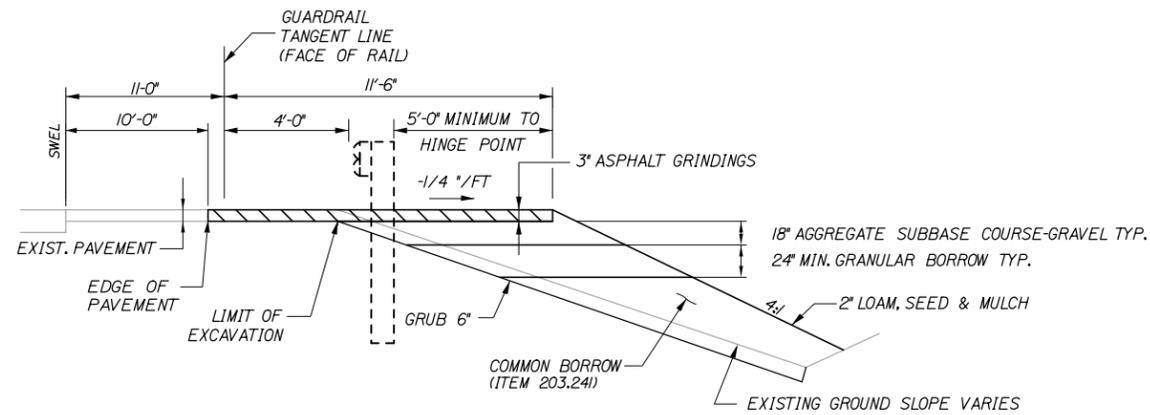
TRAFFIC CONTROL
SIGN SUMMARY 2

SHEET NUMBER: T-24
CONTRACT: 2014.01
30 OF 46

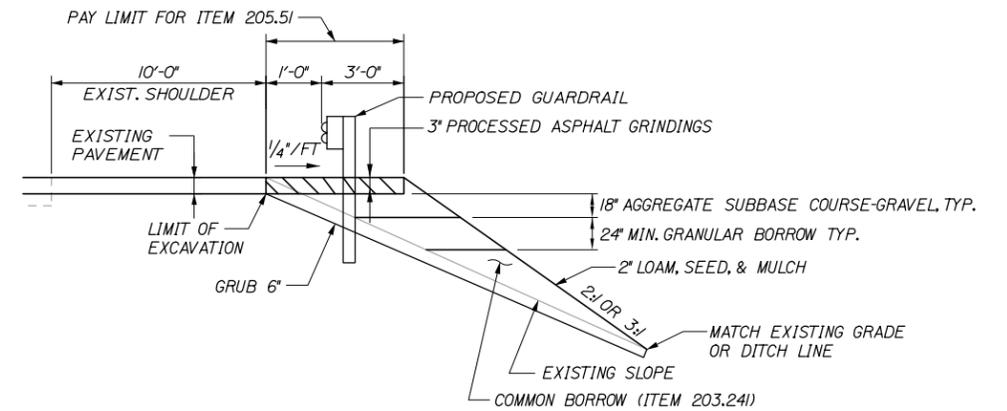
Date: 1/21/2014



WIDEN SHOULDER FOR GUARDRAIL 350 FLARED TERMINAL - ITEM 606.754
PLAN
N.T.S.



SECTION A-A
SIDE SLOPE DETAIL
N.T.S.



SHOULDER WIDENING DETAIL - ITEM 205.51

FLEAT WIDENING NOTES:

1. EXCAVATED MATERIAL SHALL BE USED TO GRADE ANY PROPOSED SLOPE AREA AS APPROVED BY THE RESIDENT OR USED TO FLATTEN SLOPES OUTSIDE THE WORK AREA AS APPROVED BY THE RESIDENT. PLACEMENT AND COMPACTION OF THE EXCAVATED MATERIAL WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

2. SLOPES CONSTRUCTED FOR FLEAT WIDENING SHALL BE LOAMED, SEED AND MULCHED. LOAM, SEED AND MULCH WILL NOT BE MEASURED FOR PAYMENT AND SHALL BE INCIDENTAL TO THE INSTALLATION OF ITEM NO. 606.754.

Filename: 032_ShldrWidenDets.dgn

Scale:			
NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
			
By	Date	By	Date
Designed	BAT 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567



THE GOLD STAR MEMORIAL HIGHWAY

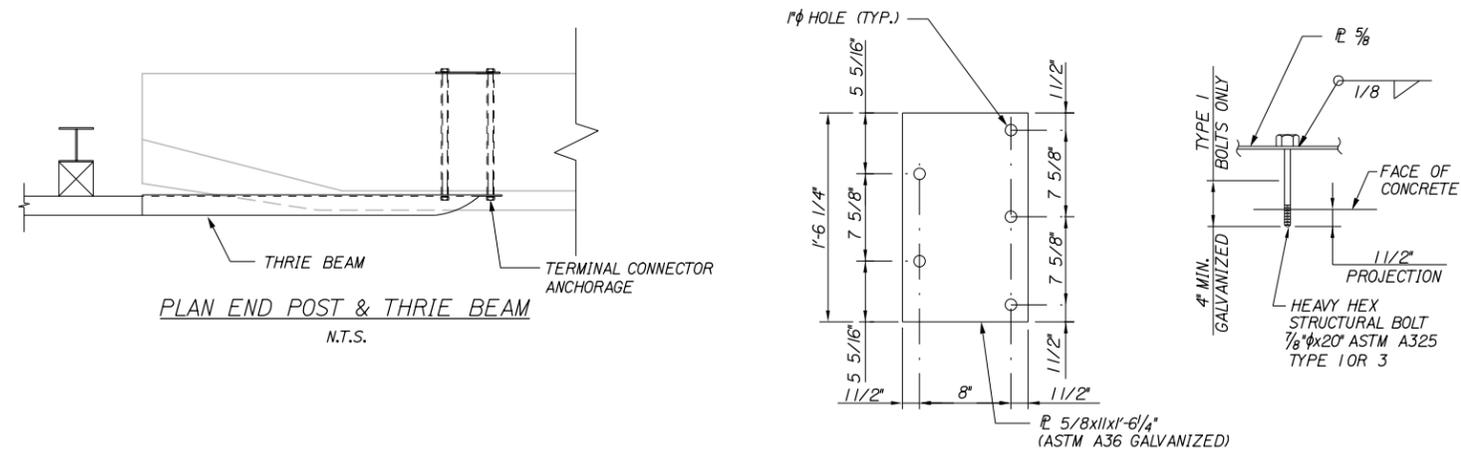
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION &
BRIDGE DECK RESURFACING

SHOULDER WIDENING DETAILS

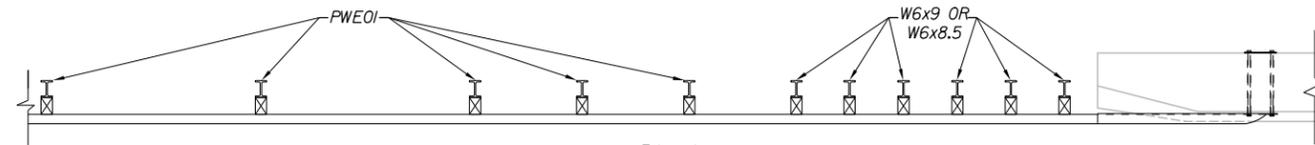
SHEET NUMBER: G-2
CONTRACT: 2014.01
32 OF 46

Date: 1/21/2014

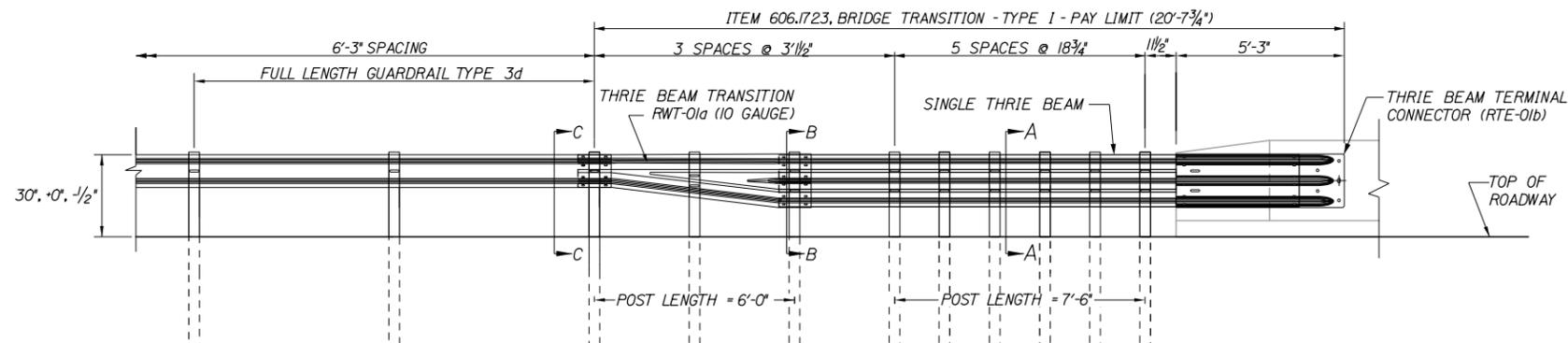


TERMINAL CONNECTOR ANCHORAGE

1/2" = 1'-0"



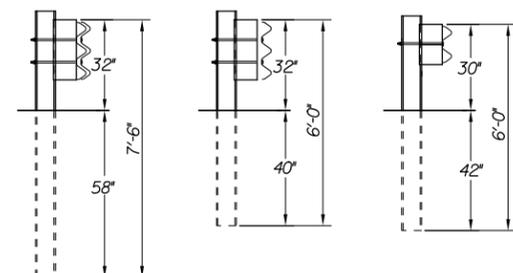
PLAN



ELEVATION

BRIDGE TRANSITION - TYPE I

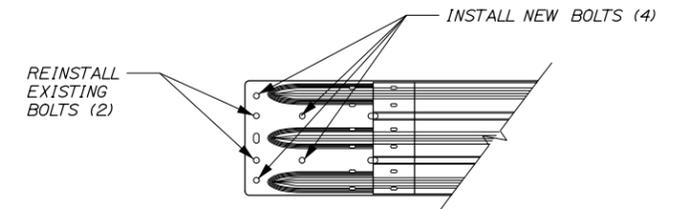
3/8" = 1'-0"



SECTION A-A SECTION B-B SECTION C-C
3/8" = 1'-0"

ITEM 606.701 ASYMMETRIC THRIE BEAM TRANSITION

STATION	OFFSET
1173+00.0	1' LT.
1173+00.0	1' RT.
1204+50.0	1' LT.
1204+50.0	1' RT.
1302+70.0	47' LT.
1303+50.0	47' RT.



ELEVATION
END POST AND THRIE BEAM

Filename: 033_BridgeTrans1.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

By	Date	Checked	Date
BAT	01/14	GJO	01/14
MPC	01/14	SRT	01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

MAINE TURNPIKE

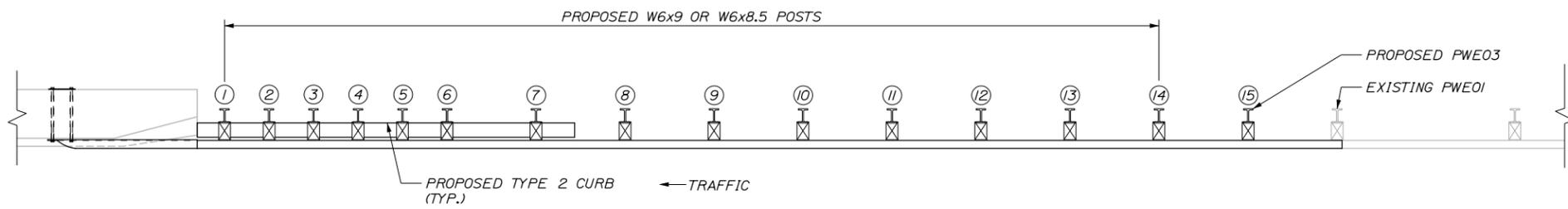
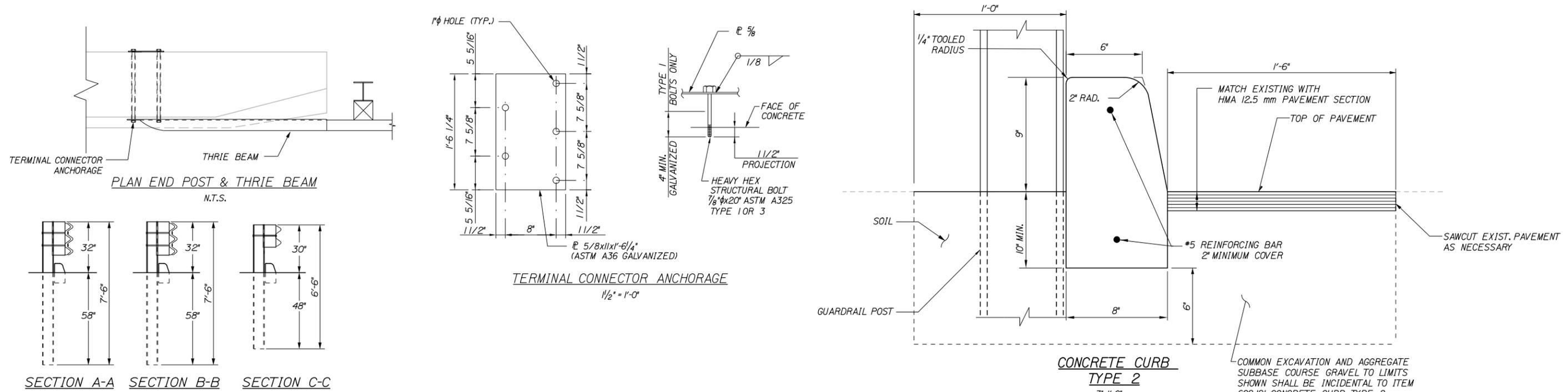
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

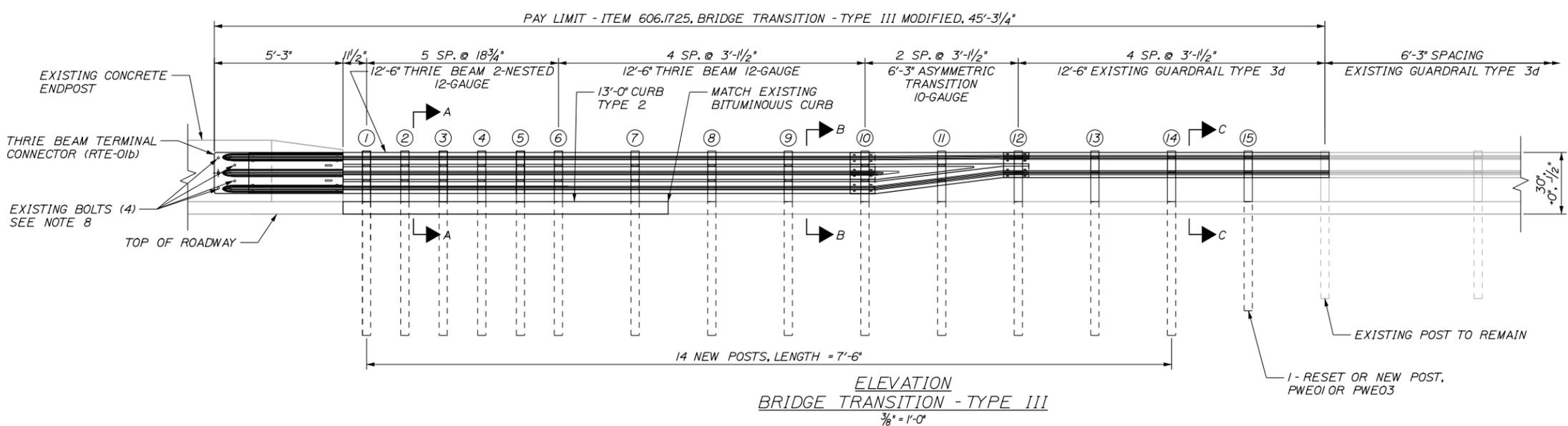
PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING
GUARDRAIL DETAILS
BRIDGE TRANSITION - TYPE I

SHEET NUMBER: G-3
CONTRACT: 2014.01
33 OF 46

Date: 1/21/2014



PLAN



ELEVATION
BRIDGE TRANSITION - TYPE III

- GENERAL NOTES:**
- ADDITIONAL HOLES MAY BE MADE IN THE THRIE-BEAM PANELS BY DRILLING, PUNCHING, OR OTHER MEANS THAT PRODUCE A NEAT, CLEAN HOLE. BURNING HOLES WILL NOT BE ALLOWED.
 - THRIE BEAM SHALL BE PLACED WITH THE COMPOSITE BLOCKOUT FACE IN FRONT OF OR DIRECTLY ABOVE THE CURB FACE.
 - RAIL ELEMENT SHALL MEET ALL REQUIREMENTS OF AASHTO M-180 EXCEPT AS MODIFIED ON THE PLANS. THE THRIE BEAM TRANSITION TO W-BEAM SHALL BE OF THE SAME MATERIAL, BUT SHALL NOT BE LESS THAN 10 GAUGE.
 - AFTER INSTALLATION IS COMPLETE, UPSET THE THREAD ON THE ANCHOR BOLTS IN THREE PLACES AROUND EACH BOLT, AT THE JUNCTION OF THE NUT AND THE EXPOSED THREAD, WITH A CENTER PUNCH OR SIMILAR TOOL.
 - STANDARD BARRIER HARDWARE HAS BEEN USED TO DEVELOP THESE GUARDRAIL ATTACHMENTS. DESIGNATIONS PROVIDED IN PARENTHESIS RELATE TO STANDARD ELEMENTS DETAILED IN "A GUIDE TO STANDARDIZED BARRIER RAIL HARDWARE," 1979. AASHTO-AGC-ARTBA JOINT COOPERATE COMMITTEE.
 - 1" HOLE IN CONCRETE SHALL BE FORMED BY A METHOD APPROVED BY THE ENGINEER.
 - THRIE BEAM BRIDGE ATTACHMENT SHALL HAVE 3" x 7/8" SLOTS AT THE FIRST BOLT CONNECTIONS ON THE BRIDGE DECK. THE THREADS ON THE BOLTS AT THE SLOTS SHALL BE UPSET AT THE JUNCTION OF THE NUT WITH A CENTER PUNCH OR SIMILAR TOOL.
 - CONNECT NEW THRIE BEAM TERMINAL CONNECTOR TO EXISTING ANCHORAGE BOLTS (2). REMOVE ADDITIONAL EXISTING BOLTS AS NECESSARY TO ALLOW INSTALLATION. INSTALL 4 NEW TERMINAL ANCHORAGE BOLTS AS SHOWN ON THIS PLAN.

Filename: 034_BridgeTrans2.dgn

Scale:			
NOT TO SCALE			
No.	Revision	By	Date

Designed by:			
			
By	Date	By	Date
Designed	BAT 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567



THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

GUARDRAIL DETAILS BRIDGE TRANSITION - TYPE III

SHEET NUMBER: G-4

CONTRACT: 2014.01

34 OF 46

Date: 1/21/2014

Filename: 036_GR-Schedule.dgn

MEDIAN SCHEDULE OF GUARDRAIL WORK																	
MILE MARKER	LOCATION DESCRIPTION	LOCATION OF WORK				ITEM 606.2652 TERMINAL END - REMOVE & STACK	ITEM 606.278 TERMINAL END- ANCHORED END	ITEM 606.279 TERMINAL END- ANCHORED END, THRIE BEAM	ITEM 606.353 DELINEATOR POST	ITEM 606.355 - DELINEATOR POST - REMOVE AND STACK	ITEM 606.3621 GUARDRAIL ADJUST - SINGLE RAIL	ITEM 606.3622 GUARDRAIL ADJUST - DOUBLE RAIL	ITEM 606.471 SINGLE OFFSET BLOCK - W BEAM	ITEM 606.48 SINGLE GALVANIZED STEEL POST	ITEM 606.1725 THRIE BEAM BRIDGE ATTACHMENT- TYPE III MODIFICATION	ITEM 606.701 ASYMMETRICAL THRIE BEAM TRANSITION PANEL	DESCRIPTION OF WORK
		EXISTING		PROPOSED													
		APPROX. STATION of LEADING END	APPROX. STATION of TERMINAL END or ENDPOST	STATION LEADING END	STATION TRAILING END												
23.6	High Street/Rte. 9A	1111+30	1110+10	1111+42.5	1109+97.5	2	2		8	8	275.0		74	30			See Installation Notes 1, 2, and 3. Replace all existing steel Offset Blocks with Composite Blocks.
24.7	Cat Mousam Road	1170+00	1171+30	1169+87.5	1171+42.5	2	2		4	3	275.0		74	28			See Installation Notes 1, 2, and 3. Replace all existing steel Offset Blocks with Composite Blocks.
24.7	Median	1173+00	1173+05	1173+00	1173+05										2		Replace existing Symmetrical Thrie Beam Transition Panels with Asymmetrical Thrie Beam Transition Panels.
25.3	W. Kennebunk Road	1200+50	1202+00	1200+37.5	1202+12.5			2	6	5							Install Anchored End - Trailing End, Thrie Beam, both Bounds
25.4	Median	1204+50	1204+56	1204+50	1204+56										2		Replace existing Symmetrical Thrie Beam Transition Panels with Asymmetrical Thrie Beam Transition Panels
26.3	Eastern Trail	1250+30	1251+75	1250+17.5	1251+87.5	2	2		1		300.0		20	20			See Installation Notes 1, 2, and 3.
27.2	Kennebunk River	1302+55	1303+55	1302+57	1303+55										2		Install Thrie Beam Bridge Attachment - Type III Modification, both Bounds
28.3	Limerick Road	1356+50	1356+38	1358+00	1358+12.5	2	2		4	4	300.0		54	36			See Installation Notes 1, 2, and 3.
28.6	Median Opening	1378+00		1378+00				2	3								Replace Rigid Delineators
30.3	Old Alfred Road	1463+85	1466+40	1463+72.5	1466+52.5	2	2		5	4			60	12			See Installation Notes 1, 2, and 3. Reinforce South Bound only.
TOTAL						10.0	10.0	4.0	31.0	24.0	1,150.0	33,875.0	282.0	126.0	2.0	4.0	
UNIT						EA	EA	EA	EA	EA	LF	LF	EA	EA	EA	EA	

ALL LOCATIONS

General Notes:
 1 - Approximate station is the leading end or trailing end of the existing Guardrail Assembly.
 2 - Repair damaged Guardrail Beams as indicated or as directed by the Resident Engineer.
 3 - Replace all Rigid Guardrail Delineator Posts with Flexible Delineators as per Section 606 Guardrail Delineator Post.

Installation Notes:
 1 - Adjust Guardrail to 30-inch above edge of pavement. Taper Guardrail up to 30-inch height from crash ends over 25-foot length.
 2 - Remove existing End Section and stack; Install ANCHORED TRAILING END.
 3 - Install additional galv. posts and new offset blocks to rail along face of bridge pier and a minimum of 25 feet either side of pier to reduce post spacing to 3.125-feet.

Scale:			
No.	Revision	By	Date

Designed by:					
					
	By	Date		By	Date
	BAT	01/14	Checked	GJO	01/14
	MPC	01/14	In Charge of	SRT	01/14

MAINE TURNPIKE AUTHORITY
 2360 Congress Street
 Portland, ME 04102
 TEL (207) 871-7771
 FAX (207) 879-5567



THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION &
 BRIDGE DECK RESURFACING

SCHEDULE OF
 GUARDRAIL LIMITS 1

SHEET NUMBER: G-6
 CONTRACT: 2014.01
 36 OF 46

NORTHBOUND SCHEDULE OF OUTSIDE SHOULDER GUARDRAIL WORK

MILE MARKER	LOCATION DESCRIPTION	LOCATION OF WORK				ITEM 606.178 GUARDRAIL BEAM	ITEM 606.24 GUARDRAIL TYPE 3d-SINGLE RAIL	ITEM 606.2652 TERMINAL END - REMOVE & STACK	ITEM 606.278 TERMINAL END- ANCHORED END	ITEM 606.353 DELINEATOR POST	ITEM 606.355 - DELINEATOR POST - REMOVE AND STACK	ITEM 606.3621 GUARDRAIL ADJUST - SINGLE RAIL	ITEM 606.3631 - GUARDRAIL REMOVE AND STACK	ITEM 606.471 SINGLE OFFSET BLOCK - W BEAM	ITEM 606.48 SINGLE GALVANIZED STEEL POST	ITEM 606.701 ASYMMETRICAL THREE BEAM TRANSITION	ITEM 606.1721 THREE BEAM BRIDGE ATTACHMENT-TYPE I	ITEM 606.1723 THREE BEAM BRIDGE ATTACHMENT-TYPE III	ITEM 606.1725 THREE BEAM BRIDGE ATTACHMENT-TYPE III MODIFICATION	ITEM 606.754 WIDEN SHOULDER FOR GUARDRAIL 350 FLARED TERMINAL	ITEM 606.80 GUARDRAIL FLEAT 350 FLARED TERMINAL	ITEM 205.51 WIDEN SHOULDER			DESCRIPTION OF WORK
		EXISTING		PROPOSED																		TRAILING END			
		APPROX. STATION	APPROX. STATION of TERMINAL END or ENDPOST	STATION LEADING END	STATION TRAILING END																	BEGIN STATION	END STATION	QUANTITY	
23.1	NB Shoulder	1087+70	1093+60	1087+70	1093+60	37.5			2	2	550.0													See Installation Note 1.	
23.6	NB Shoulder	1112+00	1118+10	1112+00	1118+10	100.0			2	2	600.0													See Installation Note 1.	
23.9	NB Shoulder	1124+75	1130+15	1124+75	1130+15	25.0			2	2	500.0													See Installation Note 1.	
24.4	NB Shoulder	1151+65	1159+05	1151+65	1159+05				2	2	712.5													See Installation Note 1.	
25.0	Mosam River Bridge	1179+30	1189+50	1179+30	1189+62.5			1	1	3	2	550.0	72.0	90			1	1						See Installation Note 1. Replace all wooden offset blocks with new composite offset blocks.	
25.7	Kennebunk Service Plaza NB	N/A	N/A	1222+80	1229+30		612.5		1	3									1	1	1228+00	1229+40	140	Install new FLEAT crash end, guardrail assembly, and anchored end as indicated. Widen shoulder for installation of new Guardrail Assembly.	
26.0	NB Shoulder Eastern Trail	1239+10	1252+70	1239+10	1252+70	125.0			3	2	1,362.5													See Installation Note 1.	
26.3	NB Shoulder	1254+80	1259+50	1254+80	1259+50				2	2	437.5													See Installation Note 1.	
27.2	NB Shoulder Kennebunk Rv.	1300+35	1305+00	1300+25	1305+00				2	2	340.0				1			1						See Installation Note 1. Modify existing Type I Three Beam Bridge Attachment to Type III and install Asymmetrical Trans. Panel on departing end of bridge.	
27.5	NB Shoulder	1314+20	1318+05	1314+20	1318+05				2	2	350.0													See Installation Note 1.	
27.8	NB Shoulder	1332+15	1338+00	1332+15	1338+00				2	2	550.0													See Installation Note 1.	
28.5	NB Shoulder	1367+15	1371+00	1367+15	1371+00	37.5			2	2	350.0													See Installation Note 1.	
28.7	NB Shoulder	1379+10	1382+50	1379+10	1382+50	37.5			2	2	312.5													See Installation Note 1.	
29.4	NB Shoulder	1414+15	1422+50	1414+15	1422+50				2	2	800.0													See Installation Note 1.	
30.1	NB Shoulder	1448+00	1457+00	1448+00	1457+00	37.5			2	2	862.5		4	4										See Installation Note 1.	
30.3	NB Shoulder Alfred Road	1463+15	1464+50	1463+15	1464+50				2	2	100.0													See Installation Note 1.	
						TOTAL	400.0	612.5	1.0	2.0	35.0	30.0	8,377.5	72.0	94.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	140	
						UNIT	LF	LF	EA	EA	EA	EA	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	LF	

General Notes:
 1 - Approximate station is the leading end or trailing end of the existing Guardrail Assembly.
 2 - For Item 205.51 Shoulder Widening, widen shoulder as indicated on above schedule or as directed by the Resident Engineer.
 3 - Repair damaged Guardrail Beams as indicated or as directed by the Resident Engineer.
 4 - Replace all Rigid Guardrail Delineator Posts with Flexible Delineators as per Section 606 Guardrail Delineator Post.
 5 - Indicated installation location of FLEAT units refers to location of the FLEAT Crash Head.

Installation Notes:
 1 - Adjust Guardrail to 30-inch above edge of pavement. Taper Guardrail up to 30-inch height from crash ends over 25-foot length.
 2 - Remove existing End Section and stack; Install ANCHORED TRAILING END.
 3 - Install additional galv. posts and new offset blocks to rail along face of bridge pier and a minimum of 25 feet either side of pier to reduce post spacing to 37.5-inches.

Date: 1/21/2014

Filename: 037_GR-Schedule.dgn

Scale:		Designed by:			MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567		THE GOLD STAR MEMORIAL HIGHWAY	PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING SCHEDULE OF GUARDRAIL LIMITS 2	SHEET NUMBER: G-7 CONTRACT: 2014.01	37 OF 46
No.	Revision	By	Date							
				Designed	BAT 01/14	Checked	GJO 01/14			
				Drawn	MPC 01/14	In Charge of	SRT 01/14			

SOUTHBOUND SCHEDULE OF OUTSIDE SHOULDER GUARDRAIL WORK

LOCATION OF WORK		ITEM 205.51 WIDEN SHOULDER														DESCRIPTION OF WORK				
MILE MARKER	LOCATION DESCRIPTION	EXISTING		PROPOSED		ITEM 606.178 GUARDRAIL BEAM	ITEM 606.24 GUARDRAIL TYPE 3d-SINGLE RAIL	ITEM 606.278 TERMINAL END- ANCHORED END	ITEM 606.353 DELINEATOR POST	ITEM 606.355 - DELINEATOR POST - REMOVE AND STACK	ITEM 606.3621 GUARDRAIL ADJUST - SINGLE RAIL	ITEM 606.471 SINGLE OFFSET BLOCK - W BEAM	ITEM 606.701 ASYMMETRICAL THRIE BEAM TRANSITION	ITEM 606.1725 THRIE BEAM BRIDGE ATTACHMENT- TYPE III MODIFICATION	ITEM 606.81 GUARDRAIL SKT Lite PLUS TERMINAL		LEADING END			
		APPROX. STATION	APPROX. STATION of TERMINAL END or ENDPOST	STATION LEADING END	STATION TRAILING END												BEGIN STATION	END STATION	QUANTITY	
30.3	SB Shoulder	1463+20	1455+00	1463+20	1455+00				2	2	787.5									See Note 1.
29.5	SB Shoulder	1419+35	1412+55	1419+35	1412+55				2	2	650.0									See Note 1.
28.8	SB Shoulder	1384+20	1380+50	1384+20	1380+50				2	1	337.5									See Note 1.
28.5	SB Shoulder	1372+30	1368+50	1372+30	1368+50				2	2	350.0									See Note 1.
28.0	SB Shoulder	1341+50	1334+75	1341+50	1334+75				2	2	637.5									See Note 1.
27.2	SB Shoulder Kennebeck Rv.	1306+70	1301+00	1306+70	1301+00				2	2	450.0		1	1						See Installation Note 1. Modify existing Type I Thrie Beam Bridge Attachment to Type III and install Asymmetrical Trans. Panel on departing end of bridge.
26.4	SB Shoulder	1262+40	1257+50	1262+40	1257+50	12.5			2	2	437.5									See Note 1.
25.7	Kennebunk Service Plaza SB	N/A	N/A	1230+50	1217+00		1,300.0	1	3						1	1230+50	1217+00	1,380.0		Install new 350 SKT Lite crash end, guardrail assembly, and anchored end as indicated. Widen shoulder for installation of new Guardrail Assembly.
25.0	SB Shoulder Mousam Rv.	1189+75	1187+00	1189+75	1187+00	50.0			1	1	275.0	50		1						See Installation Note 1. Modify existing Type I Thrie Beam Bridge Attachment to Type III. Replace all wooden offset blocks with new composite offset blocks.
24.6	SB Shoulder	1162+95	1156+50	1162+95	1156+50	25.0			2	2	600.0									See Note 1.
23.7	SB Shoulder	1116+50	1112+00	1116+50	1112+00				2	2	412.5									See Note 1.
23.3	SB Shoulder	1097+40	1091+00	1097+40	1091+00	37.5			2	1	650.0									See Note 1.
TOTAL						125.0	1,300.0	1	24	19	5,587.5	50	1	2	1				1,380.00	
UNIT						LF	LF	EA	EA	EA	LF	EA	EA	EA	EA				LF	

General Notes:

- 1 - Approximate station is the leading end or trailing end of the existing Guardrail Assembly.
- 2 - For Item 205.51 Shoulder Widening, widen shoulder as indicated on above schedule or as directed by the Resident Engineer.
- 3 - Repair damaged Guardrail Beams as indicated or as directed by the Resident Engineer.
- 4 - Replace all Rigid Guardrail Delineator Posts with Flexible Delineators as per Section 606 Guardrail Delineator Post.
- 5 - Indicated installation location of FLEAT units refers to location of the FLEAT Crash Head.

Installation Notes:

- 1 - Adjust Guardrail to 30-inch above edge of pavement. Taper Guardrail up to 30-inch height from crash ends over 25-foot length.
- 2 - Remove existing End Section and stack; Install ANCHORED TRAILING END.
- 3 - Install additional galv. posts and new offset blocks to rail along face of bridge pier and a minimum of 25 feet either side of pier to reduce post spacing to 37.5-inches.

Date: 1/21/2014

Filename: 038_GR-Schedule.dgn

Scale:			
No.	Revision	By	Date

Designed by:			
			
By	Date	By	Date
Designed	BAT 01/14	Checked	GJO 01/14
Drawn	MPC 01/14	In Charge of	SRT 01/14

MAINE TURNPIKE AUTHORITY
 2360 Congress Street
 Portland, ME 04102
 TEL (207) 871-7771
 FAX (207) 879-5567



THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION & BRIDGE DECK RESURFACING

SCHEDULE OF GUARDRAIL LIMITS 3

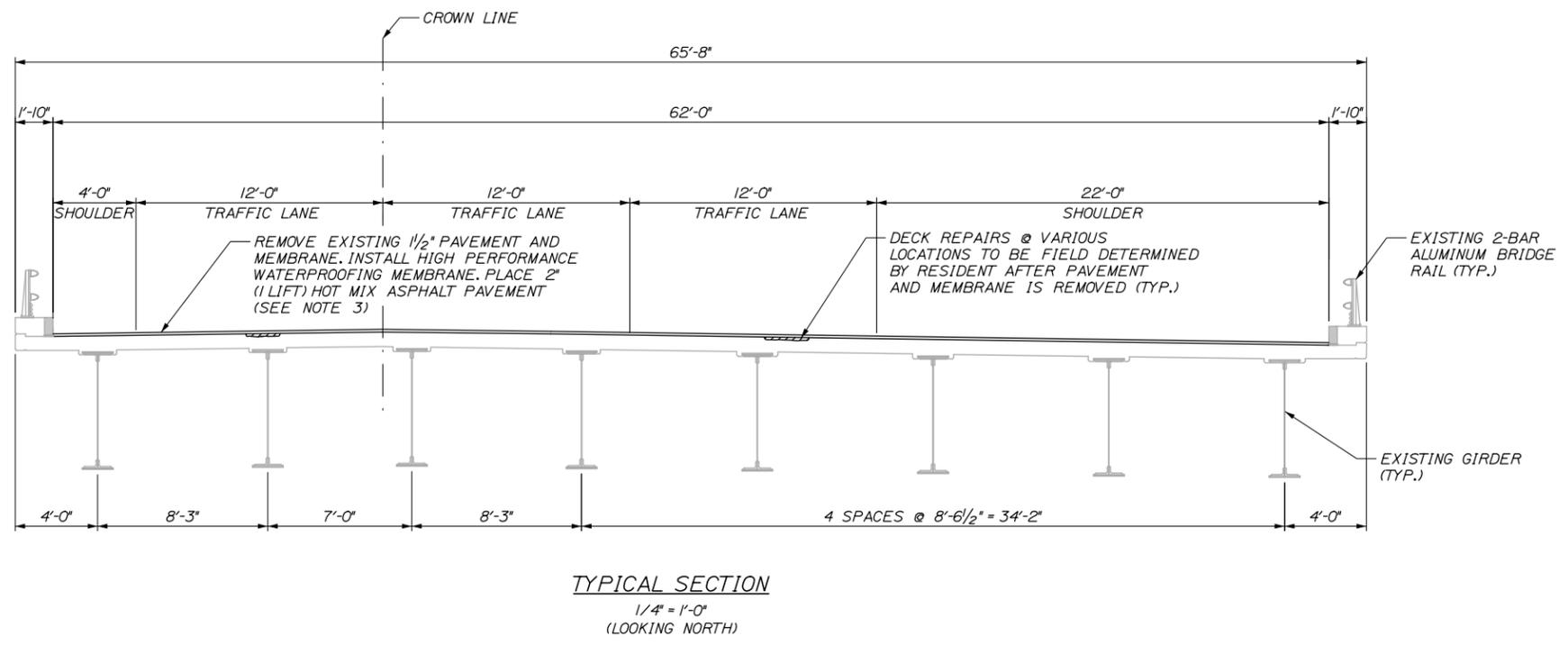
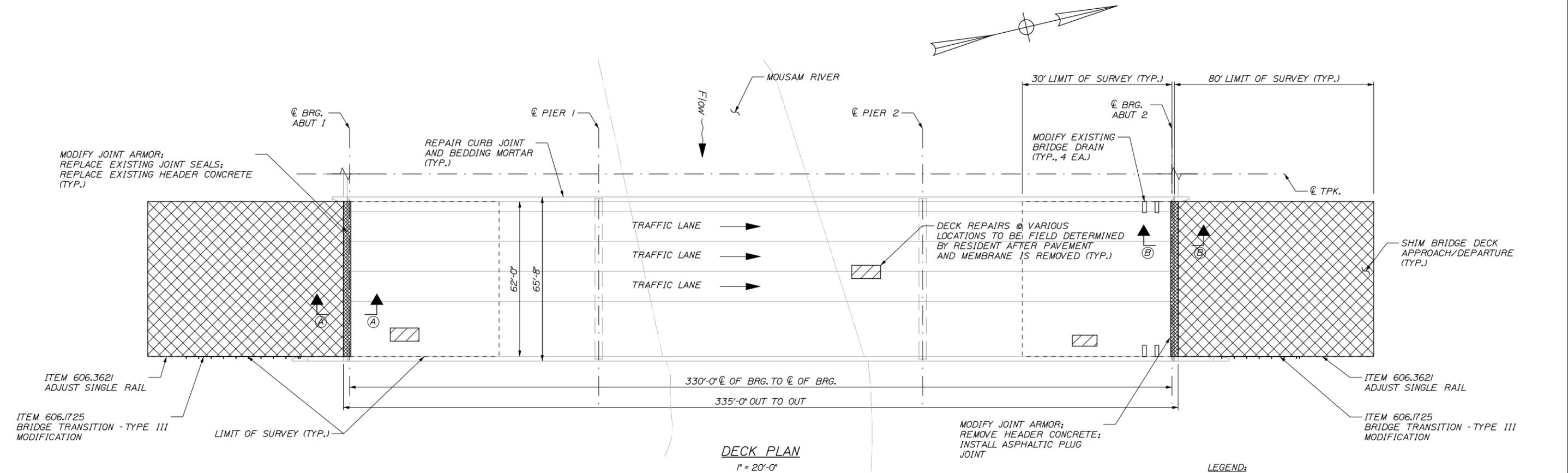
SHEET NUMBER: G-8

CONTRACT: 2014.01

38 OF 46

Date: 1/21/2014

Filename: 039_Mousam_Northbound_Plan_Typ_Section.dgn



- LEGEND:**
- APPROXIMATE LIMITS OF PERMANENT MILL, SHIM, AND PAVE
 - APPROXIMATE LIMITS OF JOINT WORK
 - APPROXIMATE LIMITS OF PERMANENT MILL, SHIM, AND PAVE
- NOTES:**
- APPROACH AREAS REQUIRING SHIM PAVEMENT TO REACH FINAL PAVEMENT GRADE SHALL NOT BE MILLED.
 - SEAL DECK SHOULDERS WITH TWO APPLICATIONS OF EMULSIFIED BITUMINOUS SEALER PER MDOT STANDARD SPECIFICATION 403.03 AFTER COMPLETING ALL DECK PAVING WORK.
 - DECK PAVEMENT DEPTH SHALL BE 1 7/8" AT SOUTH ABUTMENT AND INCREASE TO 2" 30 FEET ON THE DECK AT 1/8" DEPTH INCREASE PER 10 FEET.
 - RETROFIT ALL EXISTING ALUMINUM BRIDGE RAIL SPLICES NOT IN CONFORMANCE WITH THE ALUMINUM BRIDGE RAILING - SPLICE MODIFICATION DETAIL ON SHEET 48. PAYMENT TO BE MADE UNDER 507.095.
 - THE CONTRACTOR SHALL SURVEY DECK AND APPROACH/DEPARTURE ROADWAYS (CURB, SYLL, BWLL, SWLL, CURB) AT 10' O.C. WITHIN THE LIMITS SHOWN ON THE PLANS AND PROVIDE THE INFORMATION FOR THE RESIDENT TO DETERMINE APPROACH/DEPARTURE MILLING AND PAVING LIMITS (TYP. NORTHBOUND AND SOUTHBOUND DECKS).
 - SEE SHEET 42 JOINT DETAILS 1 FOR SECTIONS A-A AND B-B.
 - SEE SCHEDULES OF GUARDRAIL LIMITS FOR INFORMATION ON THE 606 ITEMS.
- REPAIR QUANTITIES:**
- PARTIAL DEPTH CONCRETE DECK REPAIRS: = 1435 SF
 - FULL DEPTH CONCRETE DECK REPAIRS: = 10 SF

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.

	By	Date		By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

PAVEMENT REHABILITATION AND BRIDGE DECK RESURFACING

MOUSAM RIVER NB

DECK PLAN AND TYPICAL SECTION

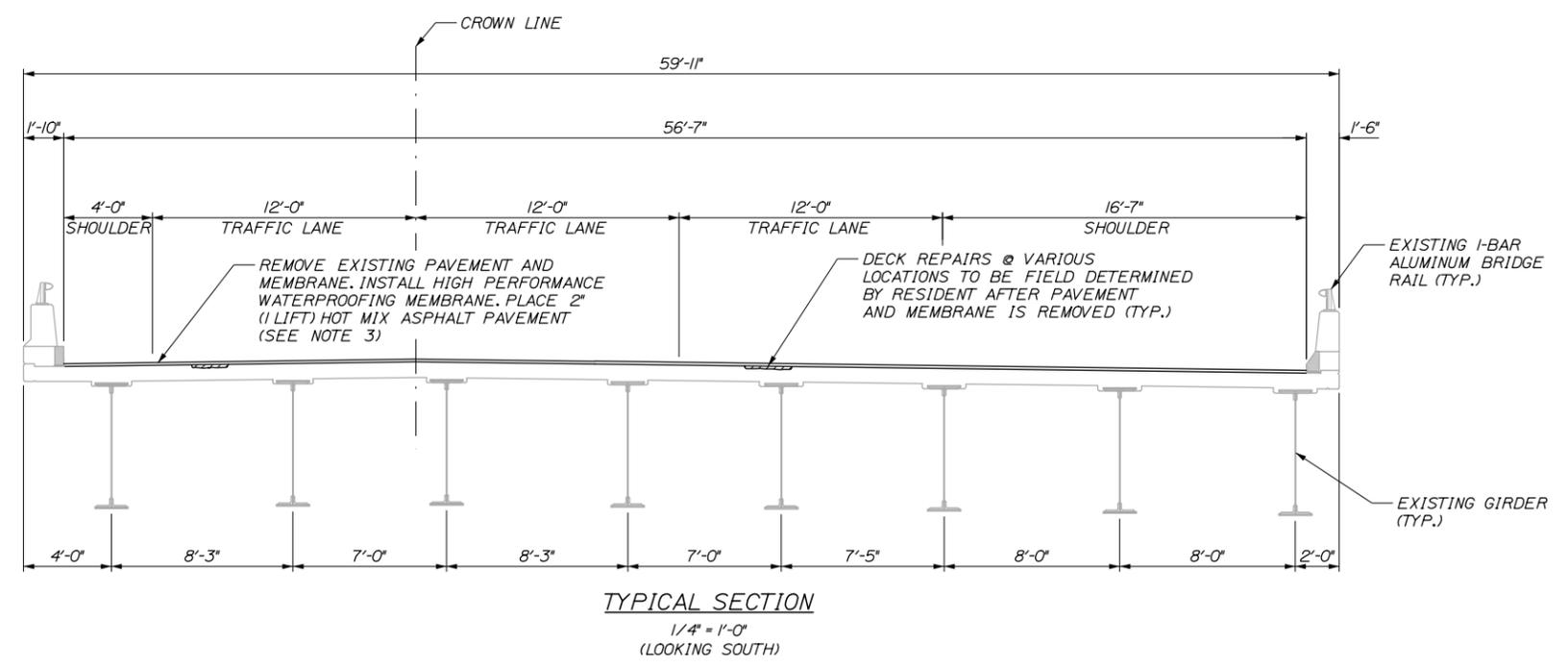
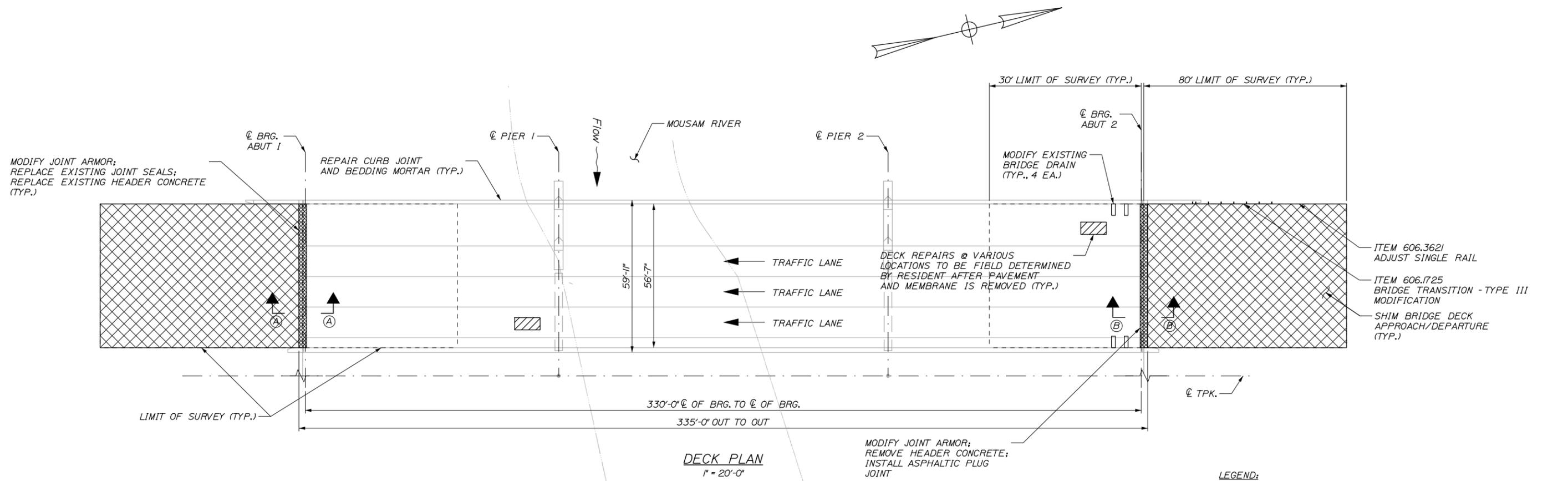
SHEET NUMBER: B-1

CONTRACT: 2014.01

39 OF 46

Date: 1/21/2014

Filename: 040_Mousam_Southbound_Plan_Typ_Section.dgn



- LEGEND:**
- APPROXIMATE LIMITS OF PERMANENT MILL, SHIM, AND PAVE
 - APPROXIMATE LIMITS OF JOINT WORK
 - APPROXIMATE LIMITS OF PERMANENT MILL, SHIM, AND PAVE

- NOTES:**
1. APPROACH AREAS REQUIRING SHIM PAVEMENT TO REACH FINAL PAVEMENT GRADE SHALL NOT BE MILLED.
 2. SEAL DECK SHOULDERS WITH TWO APPLICATIONS OF EMULSIFIED BITUMINOUS SEALER PER MDOT STANDARD SPECIFICATION 403.03 ^e AFTER COMPLETING ALL DECK PAVING WORK.
 3. DECK PAVEMENT DEPTH SHALL BE 1 7/8" AT SOUTH ABUTMENT AND INCREASE TO 2" 30 FEET ON THE DECK AT 1/8" DEPTH INCREASE PER 10 FEET.
 4. RETROFIT ALL EXISTING ALUMINUM BRIDGE RAIL SPLICES NOT IN CONFORMANCE WITH THE ALUMINUM BRIDGE RAILING - SPLICE MODIFICATION DETAIL ON SHEET 48. PAYMENT TO BE MADE UNDER 507.095.
 5. THE CONTRACTOR SHALL SURVEY DECK AND APPROACH/DEPARTURE ROADWAYS (CURB, SYLL, BWLL, SWLL, CURB) AT 10' O.C. WITHIN THE LIMITS SHOWN ON THE PLANS AND PROVIDE THE INFORMATION FOR THE RESIDENT TO DETERMINE APPROACH/DEPARTURE MILLING AND PAVING LIMITS (TYP. NORTHBOUND AND SOUTHBOUND DECKS).
 6. SEE SHEET 42 JOINT DETAILS 1 FOR SECTIONS A-A AND B-B.
 7. SEE SCHEDULES OF GUARDRAIL LIMITS FOR INFORMATION ON THE 606 ITEMS.

REPAIR QUANTITIES:
 PARTIAL DEPTH CONCRETE DECK REPAIRS: = 660 SF
 FULL DEPTH CONCRETE DECK REPAIRS: = 5 SF

Scale: AS NOTED

No.	Revision	By	Date

Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.

	By	Date	Checked	By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	JRD	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
 340 County Road, Suite 6-C
 Westbrook, ME 04092
 TEL (207) 774-5155
 FAX (207) 228-0909

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

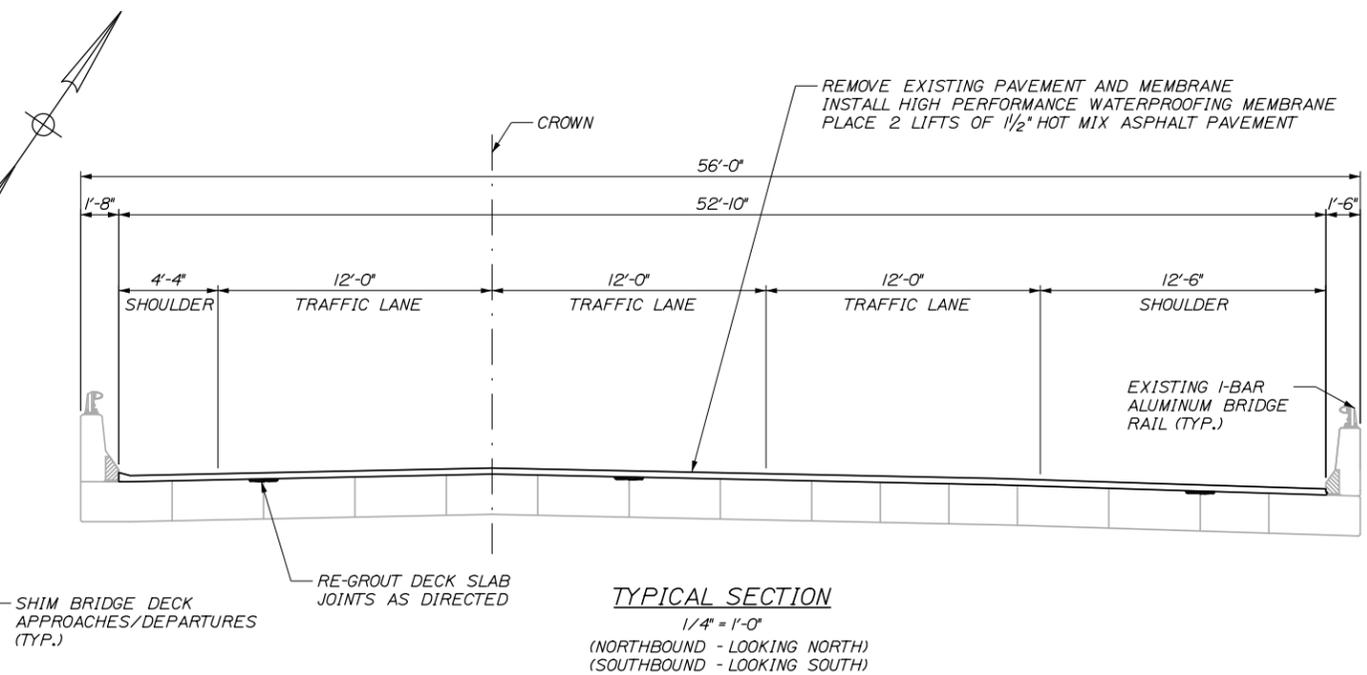
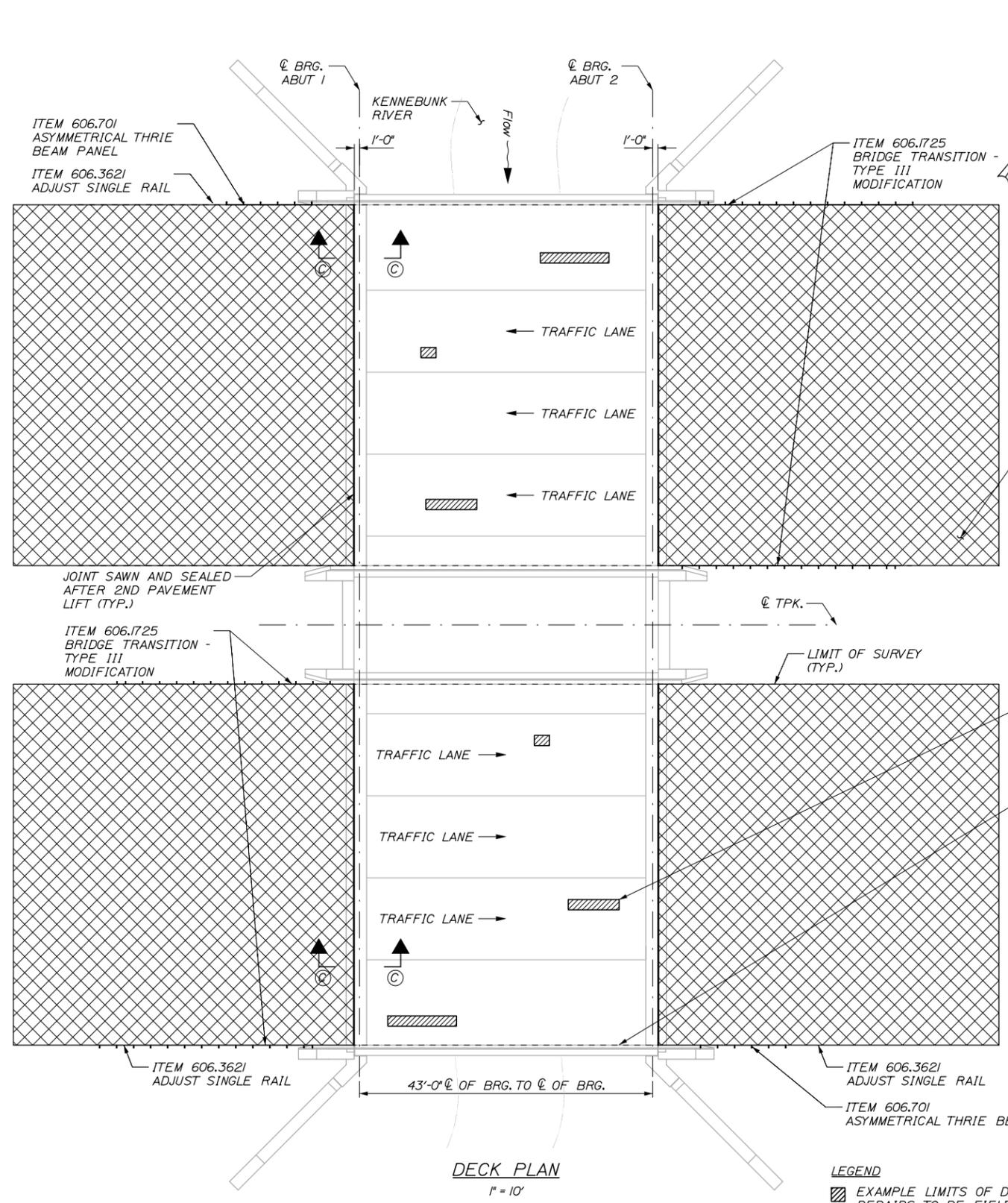
MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

PAVEMENT REHABILITATION AND BRIDGE DECK RESURFACING
 MOUSAM RIVER SOUTHBOUND
 DECK PLAN AND TYPICAL SECTION

SHEET NUMBER: B-2
 CONTRACT: 2014.01
 40 OF 46

Date: 1/21/2014

Filename: 041_Kennebunk_Plan_Typ_Section.dgn



REGROUT DECK SLAB JOINTS @ VARIOUS LOCATIONS TO BE FIELD DETERMINED BY RESIDENT AFTER PAVEMENT AND MEMBRANE IS REMOVED (TYP.) WORK TO BE PAID TIME AND MATERIAL.

REPAIR CURB JOINT AND BEDDING MORTAR (TYP. EAST FASCIA NORTHBOUND; WEST FASCIA SOUTHBOUND)

LEGEND:
 APPROXIMATE LIMITS OF PERMANENT MILL, SHIM, AND PAVE

- NOTES:**
1. APPROACH AREAS REQUIRING SHIM PAVEMENT TO REACH FINAL PAVEMENT GRADE SHALL NOT BE MILLED.
 2. SEAL DECK SHOULDERS WITH TWO APPLICATIONS OF EMULSIFIED BITUMINOUS SEALER PER MDOT STANDARD SPECIFICATION 403.03 e AFTER COMPLETING ALL DECK PAVING WORK.
 3. THE CONTRACTOR SHALL SURVEY DECK AND APPROACH/DEPARTURE ROADWAYS (CURB, SYLL, BWLL, SWLL, CURB) AT 10' O.C. WITHIN THE LIMITS SHOWN ON THE PLANS AND PROVIDE THE INFORMATION FOR THE RESIDENT TO DETERMINE APPROACH/DEPARTURE MILLING AND PAVING LIMITS (TYP. NORTHBOUND AND SOUTHBOUND DECKS).
 4. SEE SHEET 43 KENNEBUNK RIVER JOINT DETAILS FOR SECTION C-C.
 6. SEE SCHEDULES OF GUARDRAIL LIMITS FOR INFORMATION ON THE 606 ITEMS.

LEGEND
 EXAMPLE LIMITS OF DECK REPAIR - ACTUAL REPAIRS TO BE FIELD DETERMINED.

Scale: AS NOTED			
No.	Revision	By	Date

Designed by:			
HNTB			
CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.			
	By	Date	
Designed	CAH	01/14	Checked TMH 01/14
Drawn	JRD	01/14	In Charge of RAL 01/14

HNTB CORPORATION
 340 County Road, Suite 6-C
 Westbrook, ME 04092
 TEL (207) 774-5155
 FAX (207) 228-0909



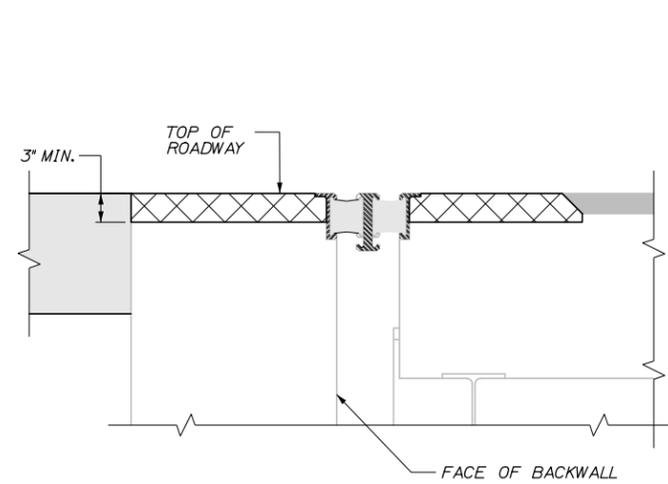
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

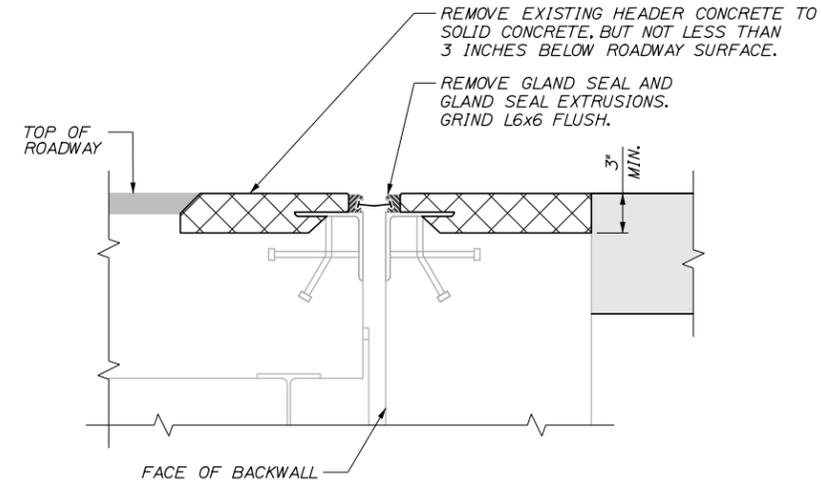
PAVEMENT REHABILITATION AND
 BRIDGE DECK RESURFACING
 KENNEBUNK RIVER - DECK PLANS
 AND TYPICAL SECTION

SHEET NUMBER: B-3
 CONTRACT: 2014.01
 41 OF 46

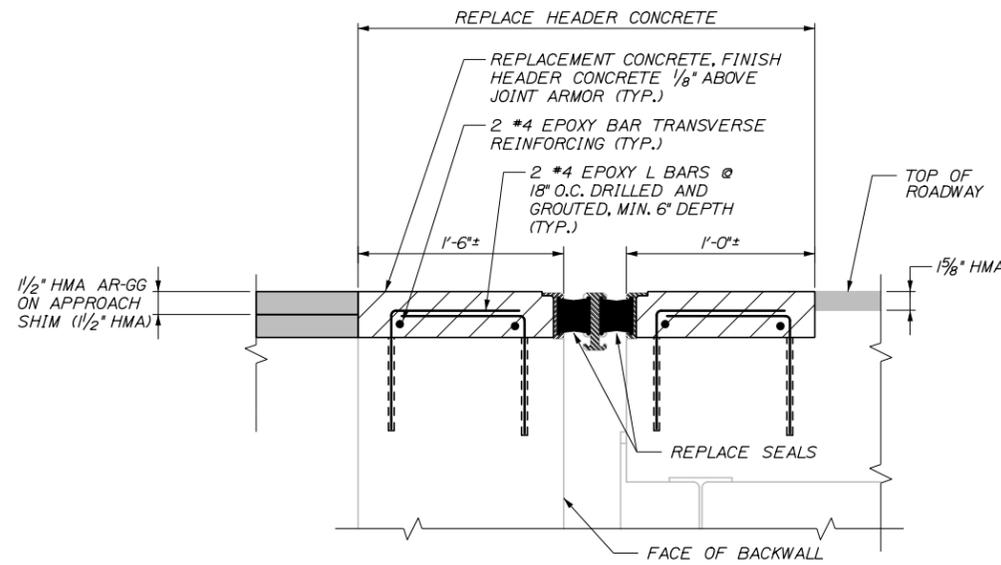
Date: 1/22/2014



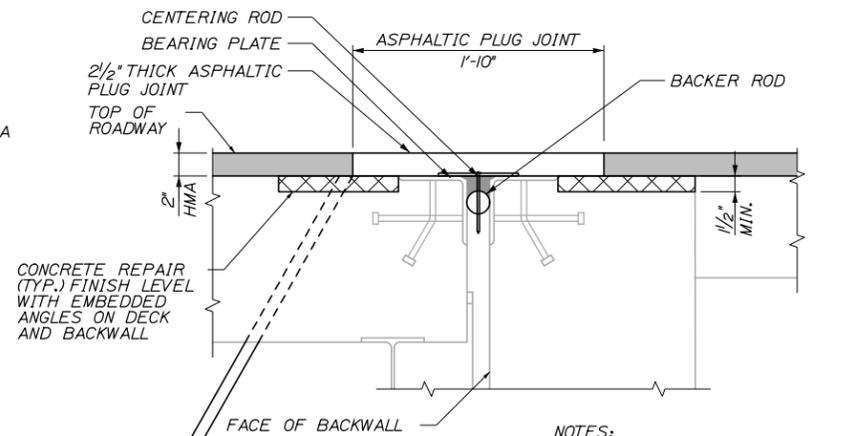
SECTION A-A
MOUSAM RIVER BRIDGE NB & SB
SOUTH ABUTMENT DEMOLITION
1/2" = 1'-0"



SECTION B-B
MOUSAM RIVER BRIDGE NB & SB
NORTH ABUTMENT DEMOLITION
1/2" = 1'-0"



SECTION A-A
MOUSAM RIVER BRIDGE NB & SB
SOUTH ABUTMENT PROPOSED WORK
1/2" = 1'-0"



SECTION B-B
MOUSAM RIVER BRIDGE NB & SB
NORTH ABUTMENT PROPOSED WORK
1/2" = 1'-0"

1" DIA. PVC MEMBRANE DRAIN. EXTEND TO CLEAR ABUTMENT SEAT BY 6" IN EACH BAY. SEE SPECIFICATIONS.
MOUSAM RIVER NB & SB:
NORTH ABUTMENT ONLY

NOTES:
1. ADVISE RESIDENT IF L6x6 IS DETERIORATED OR IS NOT SECURE TO DECK AND BACKWALL.

Scale:				Designed by:					
AS NOTED									
No.	Revision	By	Date						
				CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.					
				By	Date	By	Date		
				Designed	CAH	01/14	Checked	TMH	01/14
				Drawn	AET	01/14	In Charge of	RAL	01/14

Designed by:				CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.			
By	Date	By	Date	By	Date	By	Date
Designed	CAH	01/14	Checked	TMH	01/14	By	Date
Drawn	AET	01/14	In Charge of	RAL	01/14	By	Date

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909

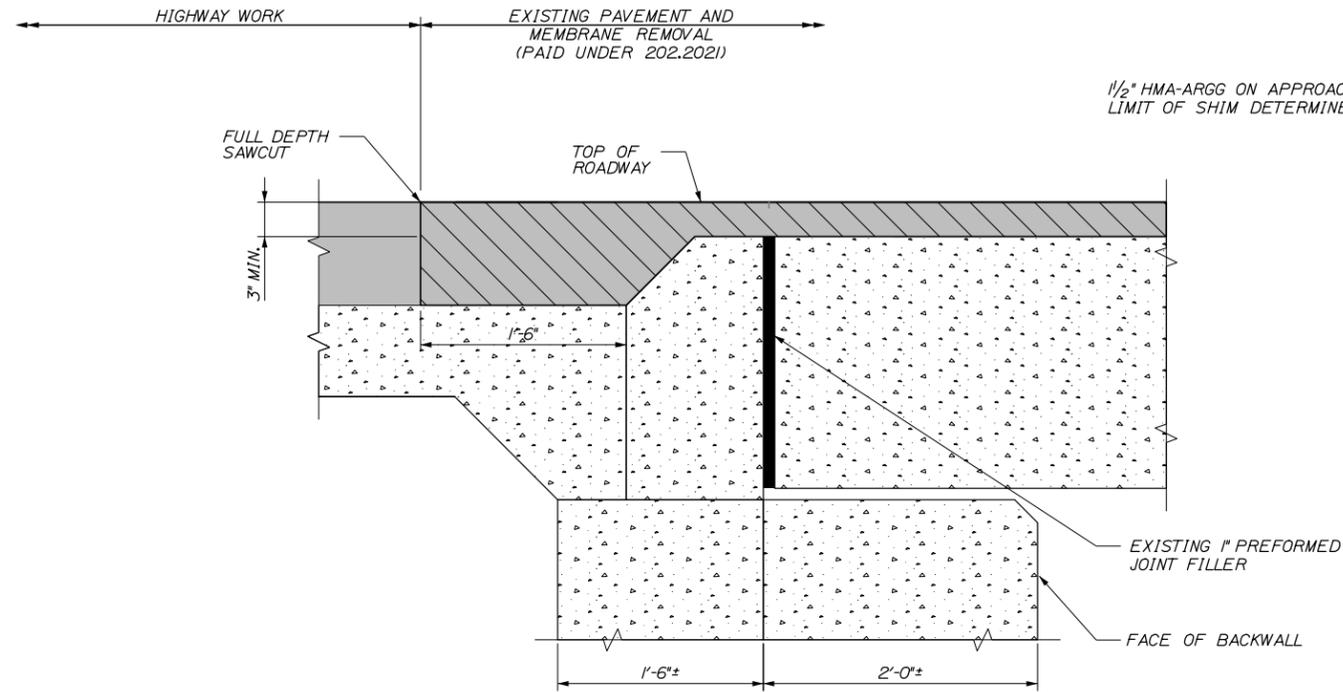
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

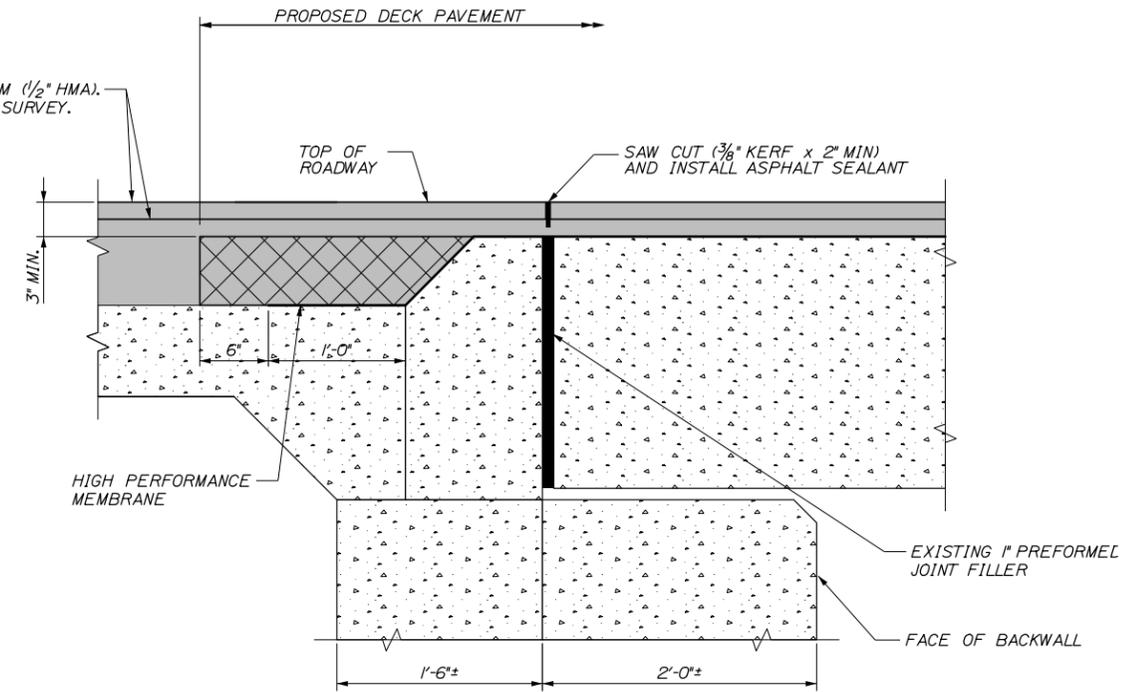
PAVEMENT REHABILITATION AND
BRIDGE DECK RESURFACING
MOUSAM RIVER
JOINT REPAIR DETAILS

SHEET NUMBER: B-4
CONTRACT: 2014.01
42 OF 46

Date: 1/22/2014



SECTION C-C
 KENNEBUNK RIVER BRIDGE NB & SB
 SOUTH AND NORTH ABUTMENTS EXISTING
 1/2" = 1'-0"



SECTION C-C
 KENNEBUNK RIVER BRIDGE NB & SB
 SOUTH AND NORTH ABUTMENTS PROPOSED
 1/2" = 1'-0"

NOTE:
 AT CONTRACTOR'S OPTION THE SECOND LIFT
 OF DECK PAVEMENT CAN BE 1/2" HMA-ARGG
 AND INSTALLED WITH MAINLINE PAVING.
 MEASUREMENT AND PAYMENT FOR SECOND
 LIFT OF PAVEMENT SHALL BE UNDER ITEM
 403.2081 HOT MIX ASPHALT, 12.5MM - BRIDGE
 DECK.

Scale:				Designed by:					
AS NOTED									
No.	Revision	By	Date						
				CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.					
				By	Date	By	Date		
				Designed	CAH	01/14	Checked	TMH	01/14
				Drawn	AET	01/14	In Charge of	RAL	01/14

HNTB CORPORATION			
340 County Road, Suite 6-C			
Westbrook, ME 04092			
TEL (207) 774-5155			
FAX (207) 228-0909			

HNTB CORPORATION
 340 County Road, Suite 6-C
 Westbrook, ME 04092
 TEL (207) 774-5155
 FAX (207) 228-0909



**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

PAVEMENT REHABILITATION AND
 BRIDGE DECK RESURFACING

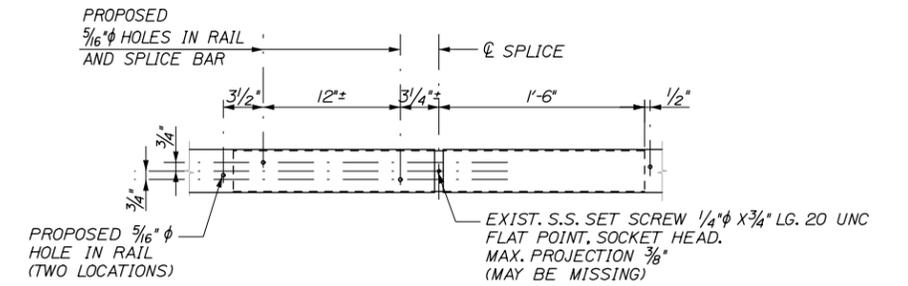
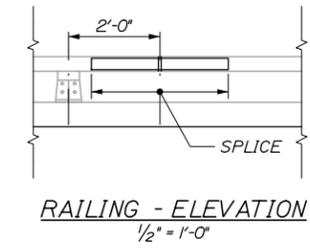
KENNEBUNK RIVER
 JOINT REPAIR DETAILS

SHEET NUMBER: B-5

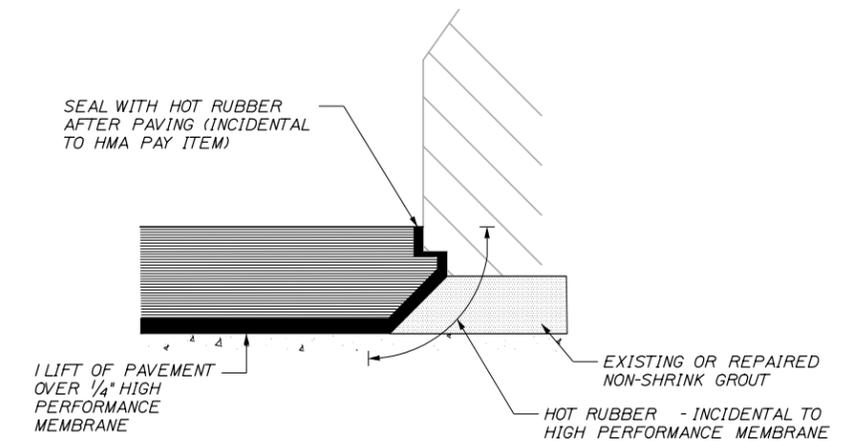
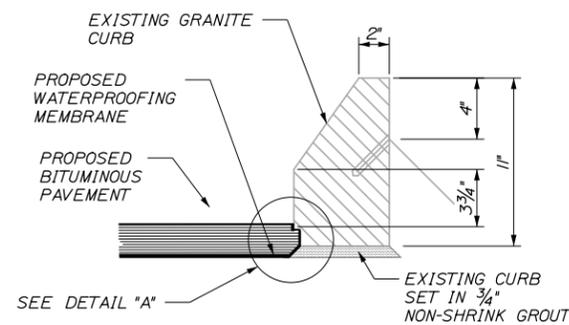
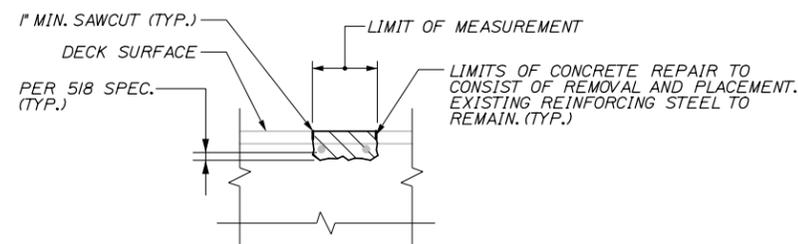
CONTRACT: 2014.01

43 OF 46

Date: 1/21/2014



NOTE:
RECENTER EXISTING SPLICE BAR AND DRILL TWO 5/16" ϕ HOLES AND INSTALL TWO 3/8" ϕ X 1", TYPE F, HEX. WASHER HEAD TAPPING SCREWS (STAINLESS). DRILL TWO ADDITIONAL 5/16" ϕ HOLES IN RAIL FOR SPLICE LOCATION VERIFICATION.



No.	Revision	By	Date

Designed by:			
HNTB			
CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.			
	By	Date	
Designed	CAH	01/14	Checked TMH 01/14
Drawn	MPC	01/14	In Charge of RAL 01/14

HNTB CORPORATION
340 County Road, Suite 6-C
Westbrook, ME 04092
TEL (207) 774-5155
FAX (207) 228-0909

THE GOLD STAR
MEMORIAL HIGHWAY

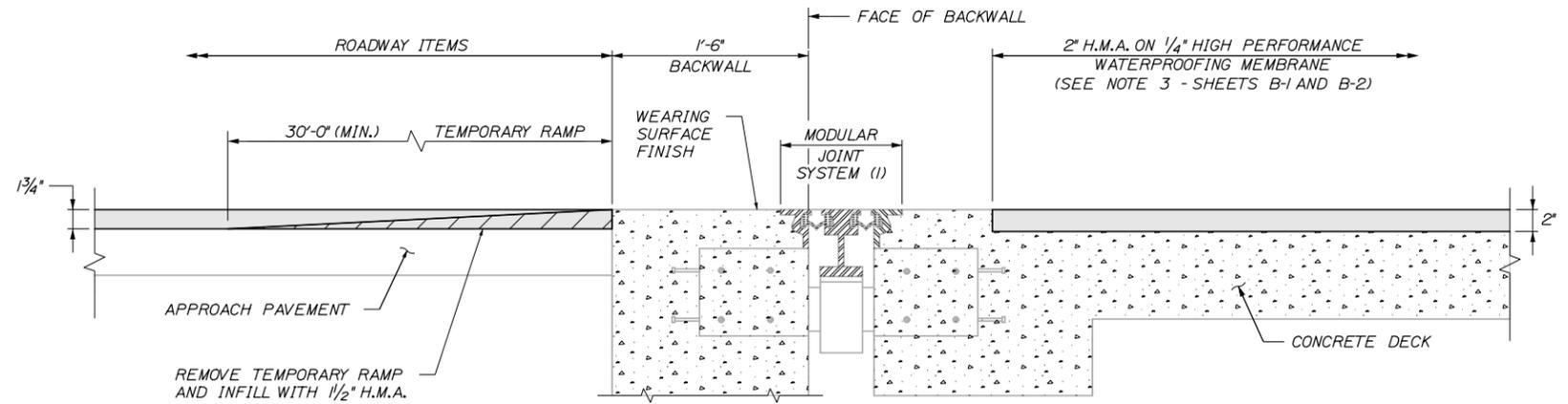
MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

PAVEMENT REHABILITATION &
BRIDGE DECK RESURFACING

MISCELLANEOUS BRIDGE DETAILS I

SHEET NUMBER: B-6
CONTRACT: 2014.014
44 OF 46

Date: 1/22/2014

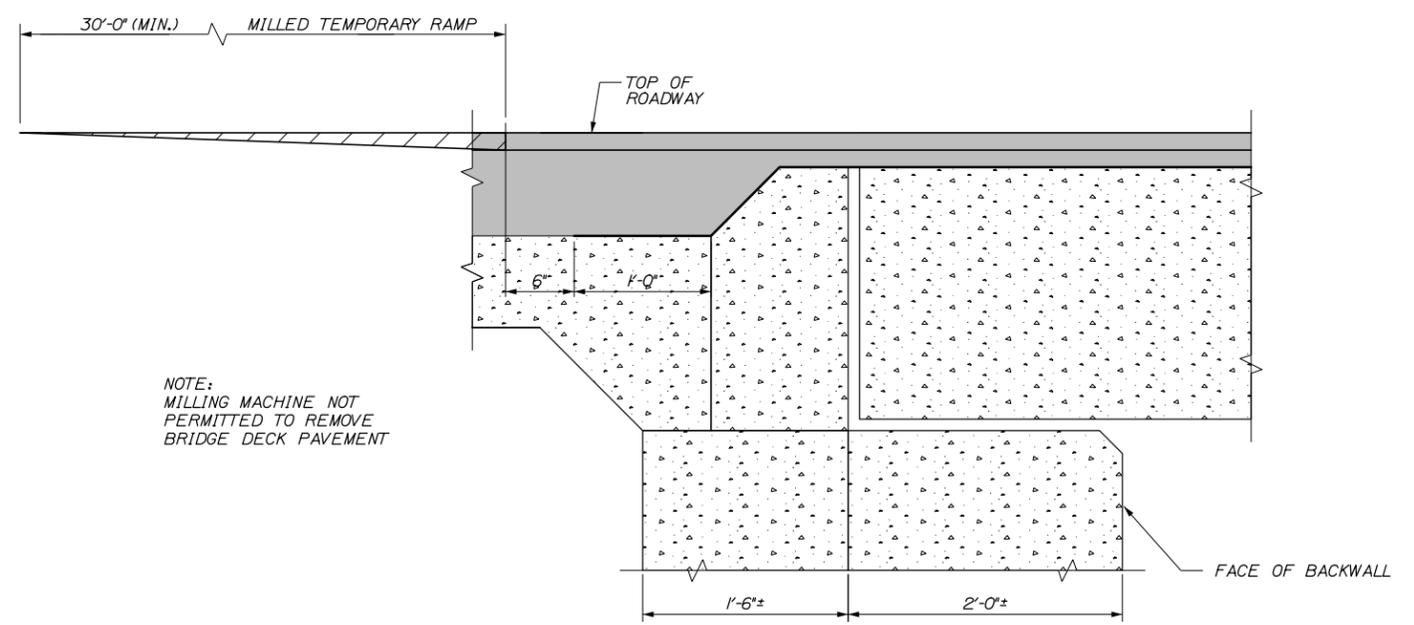


APPROACH PAVING
 (1) NORTH ABUTMENT GLAND SEAL/PROPOSED ASPHALTIC PLUG JOINT

MOUSAM RIVER BRIDGE OVERPASS
TEMPORARY RAMPS
 1/2" = 1'-0"

DECK PAVING

LEGEND
 [Pattern] HOT MIX ASPHALT
 [Pattern] PAVEMENT REMOVAL
 [Pattern] TEMPORARY RAMP



NOTE:
 MILLING MACHINE NOT PERMITTED TO REMOVE BRIDGE DECK PAVEMENT

KENNEBUNK RIVER BRIDGE OVERPASS
TEMPORARY RAMPS
 1/2" = 1'-0"

Scale:

No.	Revision	By	Date

Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Robert J. Driscoll, P.E.

	By	Date		By	Date
Designed	CAH	01/14	Checked	TMH	01/14
Drawn	MPC	01/14	In Charge of	RAL	01/14

HNTB CORPORATION
 340 County Road, Suite 6-C
 Westbrook, ME 04092
 TEL (207) 774-5155
 FAX (207) 228-0909


**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV, P.E., P.T.O.E.

PAVEMENT REHABILITATION &
 BRIDGE DECK RESURFACING

MISCELLANEOUS BRIDGE DETAILS II

SHEET NUMBER: B-7
 45 OF 46

CONTRACT: 2014.01

Filename: 045_MiscDets2.dgn

