

LOCATION MAP



THE GOLD STAR MEMORIAL HIGHWAY

# MAINE TURNPIKE AUTHORITY

DANIEL E. WATHEN, CHAIR  
 ROBERT D. STONE, VICE CHAIR  
 MICHAEL J. CIANCHETTE, MEMBER  
 ANN R. ROBINSON, MEMBER  
 THOMAS J. ZUKE, MEMBER  
 BRUCE A. VAN NOTE, MEMBER EX-OFFICIO

S. PETER MILLS, EXECUTIVE DIRECTOR

CONTRACT 2020.01  
 PAVEMENT REHABILITATION  
 AND SAFETY IMPROVEMENTS  
 MM 35.3 TO MM 42.0

## CONTRACT 2020.01 PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS MM 35.3 TO MM 42.0

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CONTRACT 2020.01

APPROVED: MAINE TURNPIKE AUTHORITY

*Peter S. Merfeld*  
 PETER S. MERFELD, P.E.  
 CHIEF OPERATIONS OFFICER

12/23/19  
 DATE

*Stephen R. Tartre*  
 STEPHEN R. TARTRE, P.E.  
 DIRECTOR OF ENGINEERING AND BUILDING MAINTENANCE

12/23/19  
 DATE



*Shawn Davis*  
 SHAWN R. DAVIS, P.E.  
 ENGINEER OF RECORD

12/20/2019  
 DATE

*James Ferguson*  
 JAMES FERGUSON  
 PROJECT MANAGER

12/20/2019  
 DATE

TY-LIN INTERNATIONAL

Date: 12/23/2019

ESTIMATED QUANTITIES			
ITEM NO.	ITEM	UNIT	TOTAL QUANTITY
202.202	REMOVING PAVEMENT SURFACE - MAINLINE	SY	328,600
202.2026	REMOVING PAVEMENT SURFACE - DRAINAGE PATHS	SF	12,500
202.205	RUMBLE STRIPS	EA	68,860
203.20	COMMON EXCAVATION	CY	325
211.50	MEDIAN RESTORATION	LF	31,600
304.14	AGGREGATE BASE COURSE GRAVEL - TYPE A	CY	160
403.2081	HOT MIX ASPHALT, 12.5 mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED)	T	31,750
403.211	HOT MIX ASPHALT (SHIMMING)	T	300
403.213	HOT MIX ASPHALT, 12.5 mm NOMINAL MAXIMUM SIZE BASE	T	175
409.152	BITUMINOUS TACK COAT TRACKLESS, APPLIED	G	19,850
419.30	SAWING BITUMINOUS PAVEMENT	T	525
424.323	ASPHALT RUBBER MASTIC CRACK SEALER - APPLIED	LB	45,400
470.08	BERM DROP OFF CORRECTION - GRINDINGS	T	125
470.081	BERM CORRECTION	LF	18,600
604.182	CLEAN EXISTING CATCH BASIN AND MANHOLE	EA	30
606.1351	TERMINAL END - ANCHORED END - 3" W-BEAM GUARDRAIL	EA	8
606.178	GUARDRAIL BEAM	LF	325
606.352	REFLECTORIZED BEAM GUARDRAIL DELINEATORS	EA	500
606.353	DELINEATOR POST	EA	5
606.3621	GUARDRAIL ADJUST, SINGLE RAIL	LF	19,500
606.3622	GUARDRAIL ADJUST, DOUBLE RAIL	LF	35,150
606.471	SINGLE OFFSET BLOCK - W-BEAM	EA	55
606.48	SINGLE GALVANIZED STEEL POST	EA	5
610.08	PLAIN RIPRAP	CY	40
613.319	EROSION CONTROL BLANKET	SY	31,000
618.14	SEEDING METHOD #2	UN	650
619.12	MULCH	UN	650
620.58	EROSION CONTROL GEOTEXTILE	SY	110
627.73	TEMPORARY PAVEMENT MARKING TAPE	LF	10,450
627.78	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LF	279,500
627.812	TEMPORARY RAISED PAVEMENT MARKERS	EA	13,950
627.94	PAVEMENT MARKING TAPE	LF	5,220
629.05	HAND LABOR, STRAIGHT TIME	HR	40
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR	25
631.133	SKID STEER (INCLUDING OPERATOR)	HR	20
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	HR	25
631.32	CULVERT CLEANER (INCLUDING OPERATOR)	HR	10
631.36	FOREMAN	HR	25
652.30	FLASHING ARROW BOARD	EA	8
652.331	DRUM	LS	1
652.35	CONSTRUCTION SIGNS	SF	3,210
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	LS	1
652.410	PORTABLE - CHANGEABLE MESSAGE SIGN	EA	4
652.45	TRUCK MOUNTED ATTENUATOR	CD	134
652.452	AUTOMATED TRAILER MOUNTED SPEED LIMIT SIGN	EA	2
656.50	BALED HAY, IN PLACE	EA	240
659.10	MOBILIZATION	LS	1

**CONSTRUCTION NOTES:**

**606.278 TERMINAL END - ANCHORED END**

STATION	DIRECTION
1743-45	SB
1745-72	NB
1865-26	SB
1866-77	NB
1959-23	SB
1960-90	NB
2037-38	SB
2038-88	NB

**610.08 PLAIN RIP RAP**

STATION TO	STATION	DIRECTION	OFFSET
1988-25	1988-55	NB	RT
2018-86	2018-94	NB	RT

- NOTES:**
- TERMINAL END - ANCHORED END TO BE REPLACED IN MEDIAN UNDER BRIDGE SECTIONS.
  - LOCATIONS TO BE ADJUSTED OR FINALIZED IN FIELD BY RESIDENT.

**GENERAL NOTES:**

- ALL WORK SHALL CONFORM TO THE 2014 MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES, EXCEPT AS MODIFIED BY THE MAINE TURNPIKE AUTHORITY'S SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.
- THE CONTRACTOR IS REQUIRED TO CALL DIG SAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE RESIDENT 10 DAYS PRIOR TO CONSTRUCTION SO THE RESIDENT CAN ARRANGE FOR MAINE TURNPIKE UNDERGROUND UTILITY LOCATION. ALL PROPOSED SIGN LOCATIONS AND EXCAVATION LOCATIONS SHALL BE MARKED AT THE NOTIFICATION TIME. EXCAVATING WILL NOT BE PERMITTED UNTIL THE AUTHORITY HAS LOCATED AND MARKED ITS UNDERGROUND UTILITIES, OR NOTIFIED THE RESIDENT THERE ARE NO UNDERGROUND UTILITIES IN THE MARKED AREAS.  
  
THE AUTHORITY HAS PROGRAMMED TWO FIELD VISITS FOR MAINE TURNPIKE UTILITY COORDINATION ON THIS PROJECT. SHOULD THE CONTRACTOR NEED ADDITIONAL SIGN LOCATIONS AND/OR ADDITIONAL EXCAVATION LOCATIONS MARKED, OR SHOULD THE CONTRACTOR FAIL TO MAINTAIN THE AUTHORITY'S PREVIOUSLY ESTABLISHED DIG SMART MARKS, THE AUTHORITY SHALL DEDUCT THE ADDED MARKING COSTS FROM THE CONTRACTOR'S PAYMENTS.
- EXCAVATIONS ACCOMPLISHED AS PART OF THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH OSHA SUBPART P OF 29 CFR PART 1926.650-652 (CONSTRUCTION STANDARDS FOR EXCAVATIONS).
- ALL STANDARD DETAILS SHALL BE IN CONFORMANCE WITH MAINE DEPARTMENT OF TRANSPORTATION (MAINE DOT) STANDARD DETAILS HIGHWAY AND BRIDGES 2014 LATEST REVISIONS AND MAINE DOT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL LATEST REVISION UNLESS OTHERWISE INCLUDED IN THESE PLANS.
- COMMON BORROW SHALL BE COMPACTED TO 90% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR. GRANULAR BORROW AND AGGREGATE SHALL BE COMPACTED TO 95% OF THEIR MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR.
- ALL STATIONS ARE APPROXIMATE. LOCATIONS TO BE FINALIZED IN FIELD BY RESIDENT.


**DRAINAGE NOTES:**

- NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT APPROVAL OF THE RESIDENT.

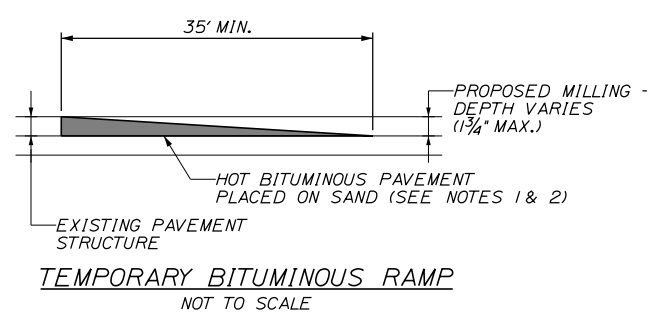
**EROSION CONTROL:**

- ADDITIONAL MEASURES MAY BE PROPOSED BY THE CONTRACTOR DUE TO SITE OR WEATHER CONDITIONS. THE RESIDENT MAY DIRECT THE CONTRACTOR TO IMPLEMENT ADDITIONAL MEASURES. ANY ADDITIONAL MEASURES APPROVED BY THE RESIDENT WILL BE MEASURED FOR PAYMENT.
- ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES.

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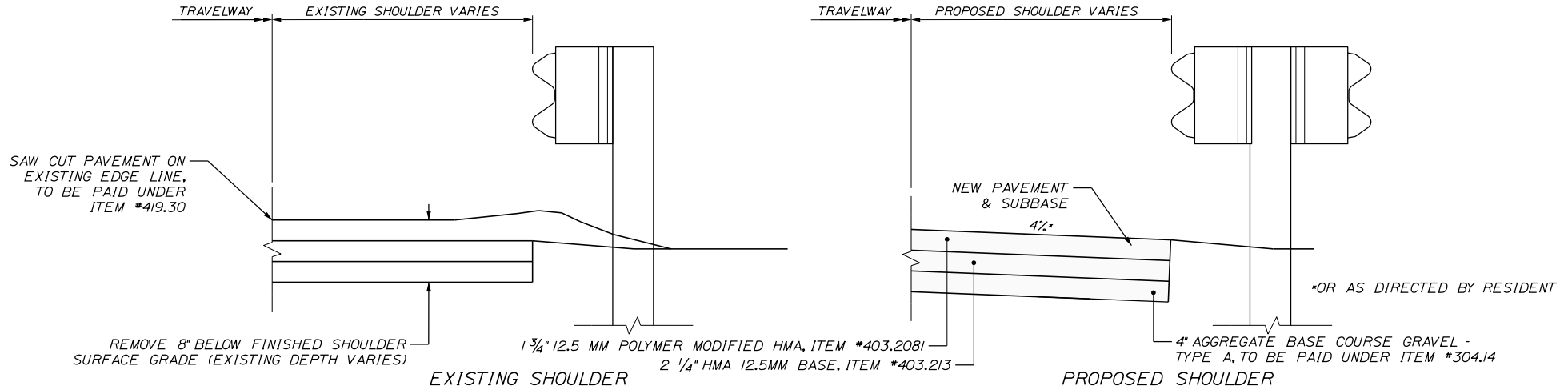
Scale: NOT TO SCALE		Designed by: <b>TYLIN INTERNATIONAL</b>		T.Y. Lin International 12 Northbrook Drive Building A, Suite One Falmouth, Maine 04105 TEL: (207) 781-4721 FAX: (207) 781-4753		 <b>THE GOLD STAR MEMORIAL HIGHWAY</b>		PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS ESTIMATED QUANTITIES AND GENERAL NOTES SHEET NUMBER: C-1																											
<table border="1"> <thead> <tr> <th>No.</th> <th>Revision</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		No.	Revision	By	Date									CONSULTANT PROJECT MANAGER: Jim Ferguson		<table border="1"> <thead> <tr> <th> </th> <th>By</th> <th>Date</th> <th> </th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Designed</td> <td>TWA</td> <td>10/2019</td> <td>Checked</td> <td>JOF</td> <td>12/2019</td> </tr> <tr> <td>Drawn</td> <td>TWA</td> <td>10/2019</td> <td>In Charge of</td> <td>JOF</td> <td>12/2019</td> </tr> </tbody> </table>			By	Date		By	Date	Designed	TWA	10/2019	Checked	JOF	12/2019	Drawn	TWA	10/2019	In Charge of	JOF	12/2019
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Date: 12/23/2019



**NOTES:**

- HOT MIX ASPHALT FOR TEMPORARY RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO ITEM 403.2081.
- REMOVAL OF TEMP. BITUMINOUS RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO ITEM 403.2081.

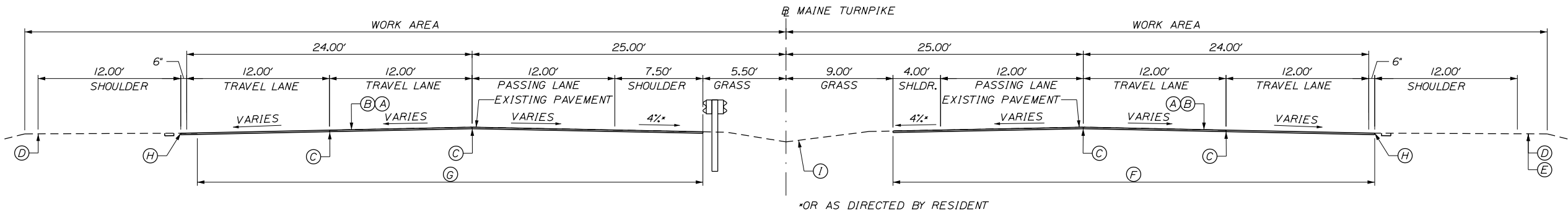


**MEDIAN SHOULDER RECONSTRUCTION**

STATION TO	STATION	DIRECTION	OFFSET
2048+50	2050+00	SB	LT.
2054+75	2058+50	SB	LT.

**NOTES:**

- OTHER LOCATIONS NB & SB TO BE DETERMINED BY RESIDENT AFTER MILLING OF SHOULDER HAS OCCURRED.
- SURFACE PAVEMENT SHALL BE COMPLETED AT SAME TIME AS OTHER MAIN LINE SHOULDER PAVING.
- ITEM 403.213 SHALL BE MACHINE PLACED.



**PAVEMENT MILL & FILL**  
NOT TO SCALE

**PAVEMENT LEGEND:**

- (A) = 1 3/4" HOT MIX ASPHALT 12.5 mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED).
- (B) = MILLING DEPTH VARIES TO ACHIEVE A 1 3/4" DEPTH AT THE EDGES OF LANE BEING MILLED.
- (C) = DOUBLE LAYER OF TACK ON NOTCHED WEDGE
- (D) = BERM DROPOFF CORRECTION - GRINDINGS (SEE DETAIL A, SHEET P-3).
- (E) = BERM DROPOFF CORRECTION - GRINDINGS (SEE DETAIL B, SHEET P-3).
- (F) = LIMITS OF MILL AND FILL (40'-6").
- (G) = WHEN MEDIAN GUARDRAIL IS ADJACENT TO THE SHOULDER, MILL TO FACE OF RAIL, OR EDGE OF PAVEMENT, WHICHEVER IS THE LESSER OFFSET
- (H) = A COATING OF HOT RUBBERIZED ASPHALT (ASTM D6690 TYPE IV) SHALL BE APPLIED AT THE TOP SURFACE LIFT TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL JOINTS EXCEPT WHERE THE NOTCHED WEDGE IS USED. INCIDENTAL TO ITEM 403.2081
- (I) = MEDIAN RESTORATION/REHABILITATION (SEE DETAIL SHEET P-4)

**NOTES:**

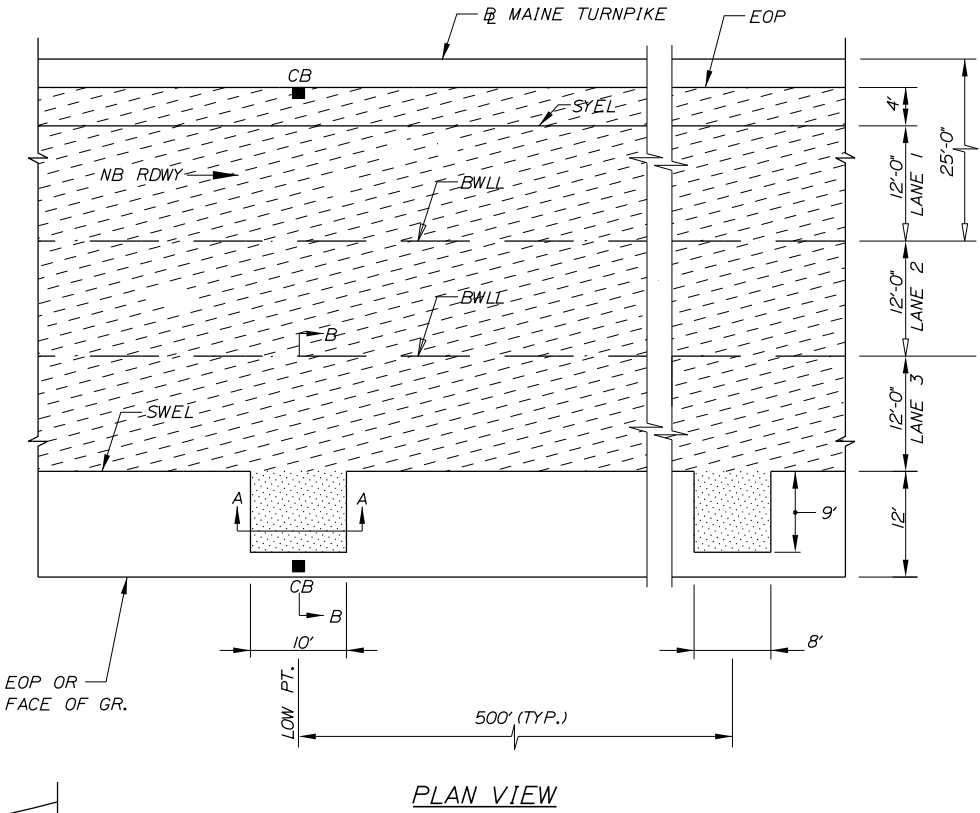
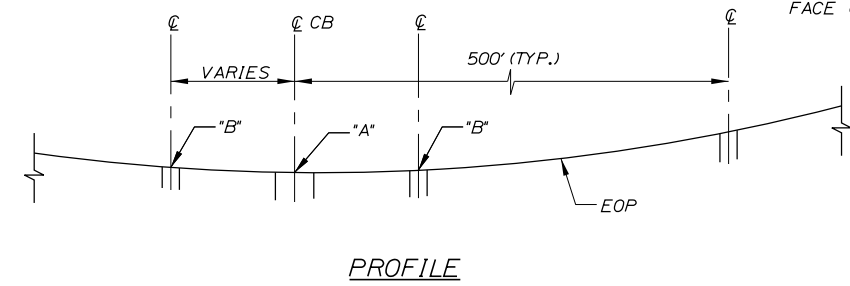
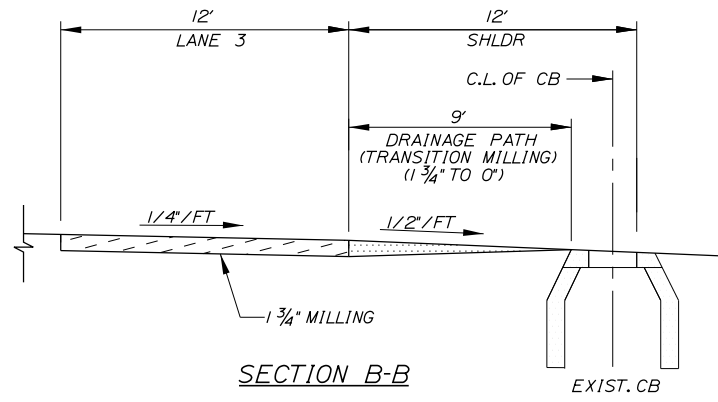
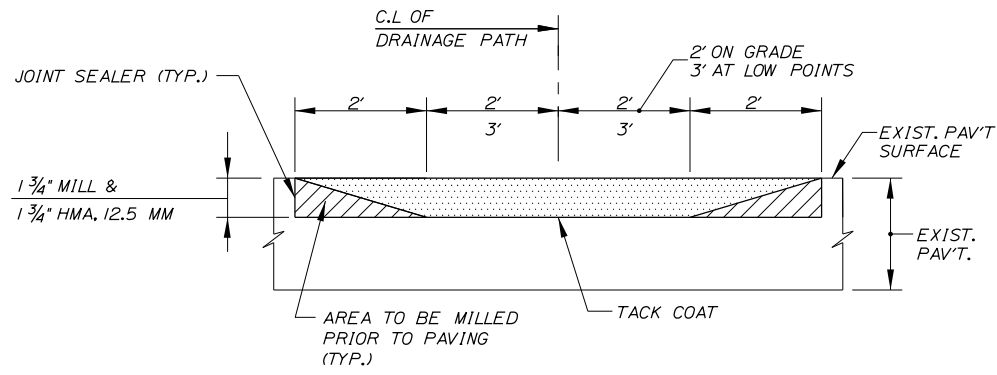
- BITUMINOUS TACK COAT IS REQUIRED BETWEEN ALL LIFTS OF PAVEMENT. BITUMINOUS TACK COAT IS REQUIRED ON ALL EXISTING PAVED OR MILLED SURFACES PRIOR TO PLACING PROPOSED PAVEMENT.
- CROWNS FOR ALL COURSES OF PAVEMENT SHALL BE STRAIGHT.
- PAVEMENT DEPTHS AS SHOWN ON THE PLAN ARE INTENDED TO BE NOMINAL.
- MILLED SURFACE SHALL BE CRACK SEALED AFTER MILLING TO BE PAID FOR UNDER ITEM 424.323.

Filename: ...\\00\004\_Typical\_Sections.dgn

Scale: AS NOTED		Designed by: <b>TYLIN INTERNATIONAL</b>		T.Y. Lin International 12 Northbrook Drive Building A, Suite One Falmouth, Maine 04105 TEL: (207) 781-4721 FAX: (207) 781-4753		<b>THE GOLD STAR MEMORIAL HIGHWAY</b>		PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS																											
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MM 35.3 TO MM 42.0				MM 35.3 TO MM 42.0				MM 35.3 TO MM 42.0			
STA.	LOW POINT STA.	HIGH POINT STA.	REMARKS	STA.	LOW POINT STA.	HIGH POINT STA.	REMARKS	STA.	LOW POINT STA.	HIGH POINT STA.	REMARKS
1721+89			L.O.W. SB RDWY		1816+19				1989+98		
1727+37			L.O.W. NB RDWY			1831+50				1991+90	
		1733+25			1840+19				2004+96		
	1738+20				1888+61				2019+03	2010+10	
	1748+70	1744+75			1910+60				2042+50	2023+35	
		1766+40				1926+05				2068+50	
	1770+73				1933+09						
	1748+49	1780+25			1953+04			2063+43			L.O.W. SB RDWY
		1802+55				1954+95		2071+78			L.O.W. NB RDWY



**DRAINAGE PATH DETAILS**

- LEGEND**
- [Pattern] = DRAINAGE PATH MILLING
  - [Pattern] = TRAVEL LANE MILLING

- NOTES:**
- IT IS INTENDED TO PLACE NEW DRAINAGE PATHS AT SAME LOCATIONS OF PREVIOUS PROJECT (CONTRACT 2009.01).
  - POINT "B" IS 1" HIGHER THAN POINT "A".
  - LOW/HIGH POINT STATIONING IS SHOWN IN SCHEDULES ABOVE.
  - DRAINAGE PATH REQUIRED AT ALL LOW POINTS.

Filename: ...:\017\_Drainage Path Details.dgn

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**TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date
Designed	JOF	7/2019	Checked	SRD 12/2019
Drawn	SRD	7/2019	In Charge of	JOF 12/2019

T.Y. Lin International  
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**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS

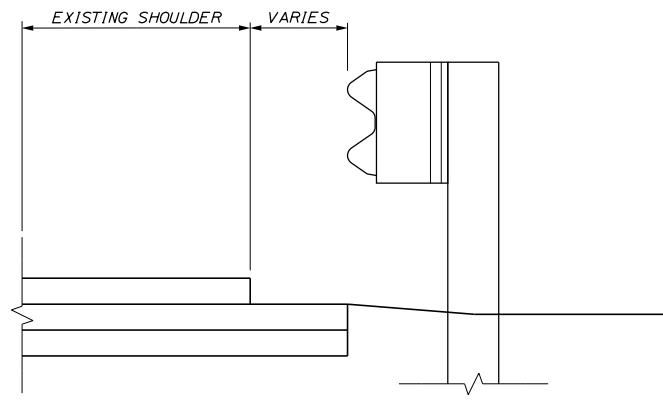
DRAINAGE PATH DETAILS

SHEET NUMBER: P-2

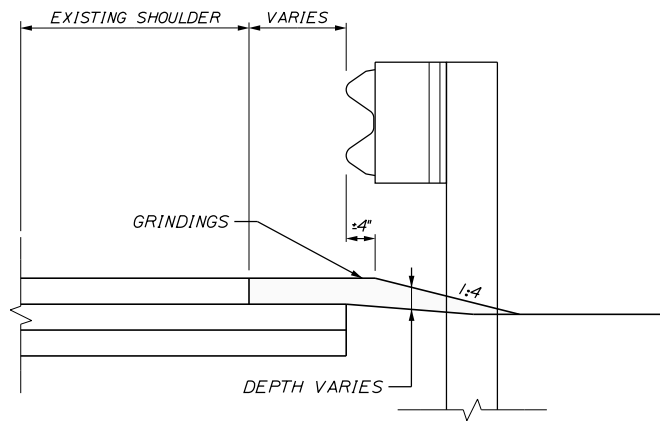
CONTRACT: 2020.01

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Date: 12/23/2019



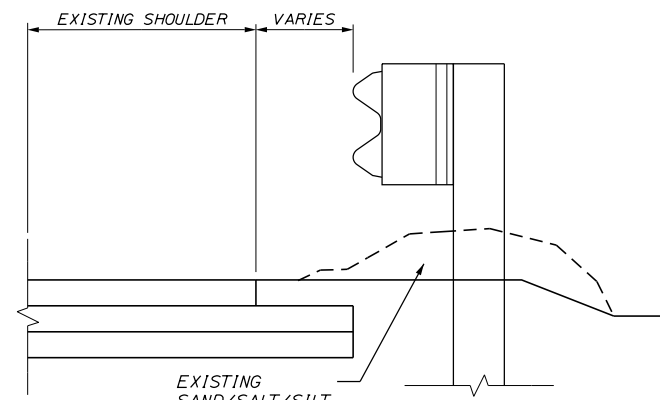
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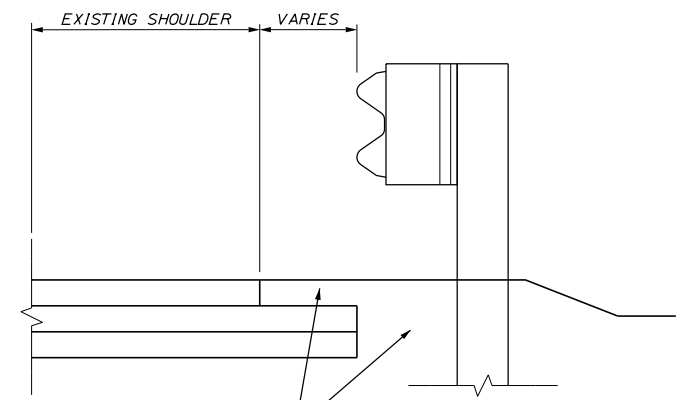
PROPOSED SECTION

**DETAIL B**  
BERM DROPOFF CORRECTION WITH GUARDRAIL

NOT TO SCALE



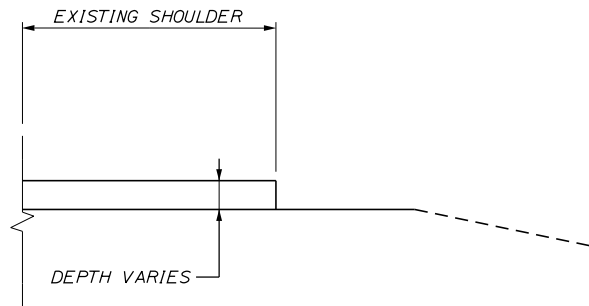
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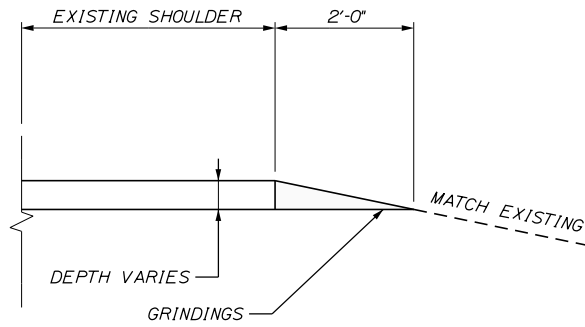
PROPOSED SECTION

**DETAIL C**  
BERM CORRECTION

NOT TO SCALE



EXISTING SECTION



PROPOSED SECTION

**DETAIL A**  
BERM DROPOFF CORRECTION WITHOUT GUARDRAIL

NOT TO SCALE

**NOTES:**

1. BERM DROPOFF CORRECTION WILL BE PLACED AT ALL LOCATIONS WHEN NEEDED UNLESS OTHERWISE DIRECTED BY THE RESIDENT.
2. BERM DROP OFF CORRECTION OF 3" OR MORE SHALL BE PLACED PRIOR TO SHIFTING TRAFFIC TO THE LANE ADJACENT TO THE SHOULDER REQUIRING CORRECTION.

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<b>TY-LIN INTERNATIONAL</b>					
CONSULTANT PROJECT MANAGER: Jim Ferguson					
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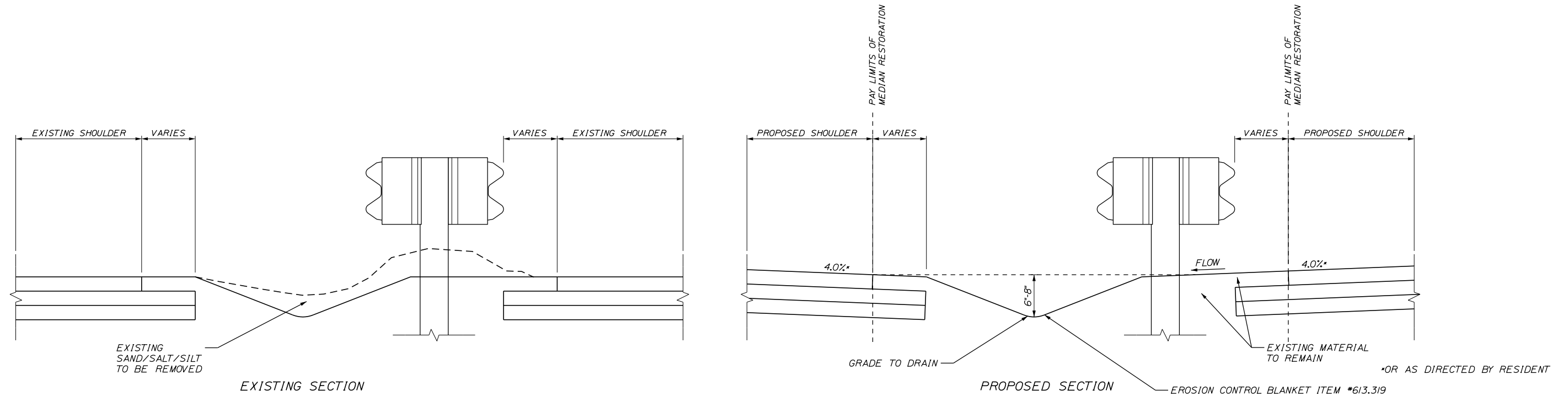
MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION  
AND SAFETY IMPROVEMENTS

BERM DROPOFF  
CORRECTION DETAILS

SHEET NUMBER: P-3  
CONTRACT: 2020.01  
5 OF 21

Date: 12/23/2019



MEDIAN RESTORATION

**NOTES:**

1. TAPER SLOPE DOWN TO CATCH BASINS TO PREVENT DROP OFF. USE DEPTH GREATER THAN 8" IN TAPER SECTION IF REQUIRED.
2. HYDROSEEDING SHALL BE USED IN THE MEDIAN. NO STRAW OR HAY MULCH SHALL BE USED.
3. PAVEMENT REMAINING UNDER GUARDRAIL THAT WILL PREVENT SHEET FLOW FROM PROPOSED SHOULDER TO MEDIAN SHALL BE REMOVED. THIS IS INCLUDED AS PART OF THE MEDIAN RESTORATION ITEM # 211.50.

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**TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

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Drawn	TWA	9/2019	In Charge of	JOF	12/2019

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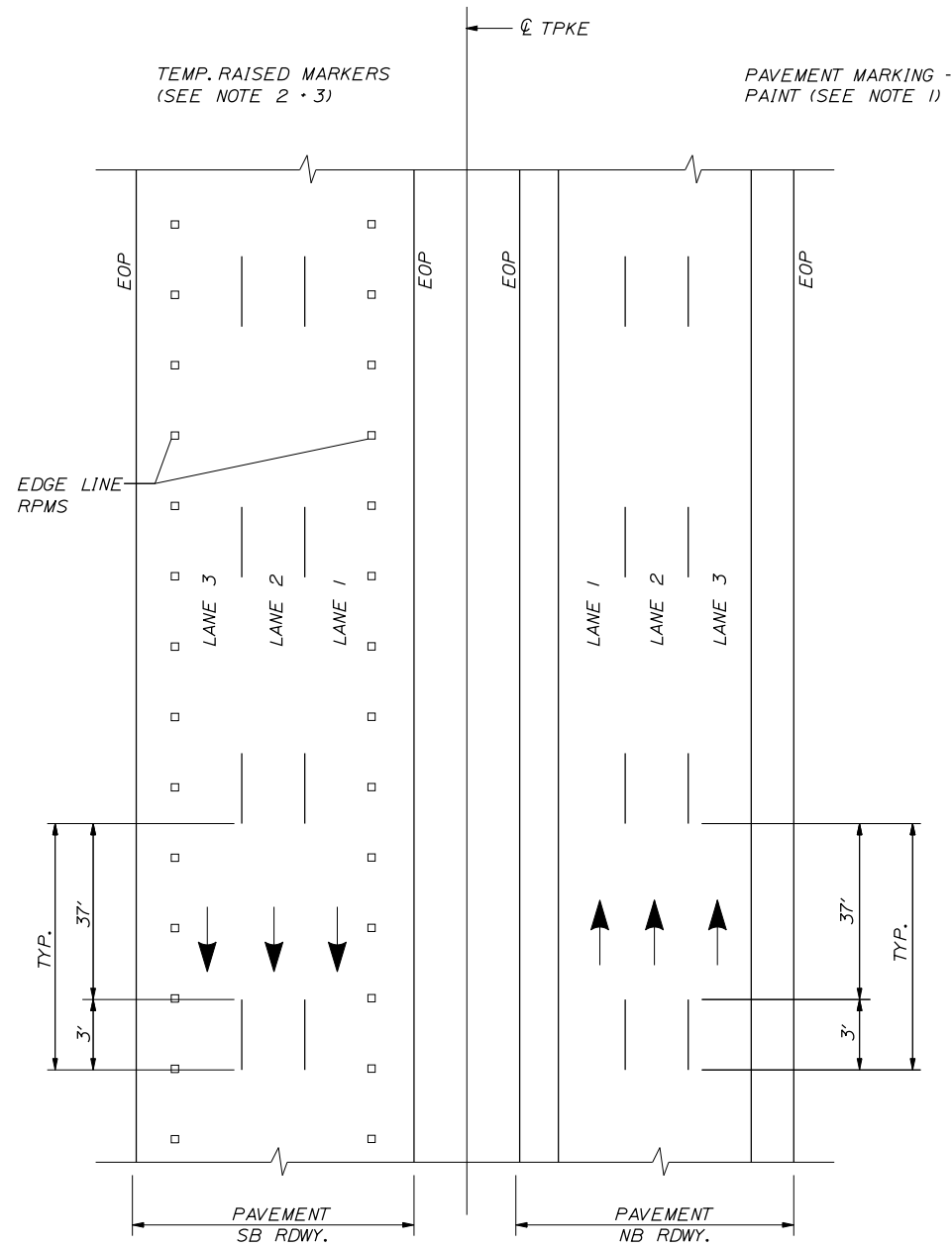
PAVEMENT REHABILITATION  
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MEDIAN RESTORATION DETAIL

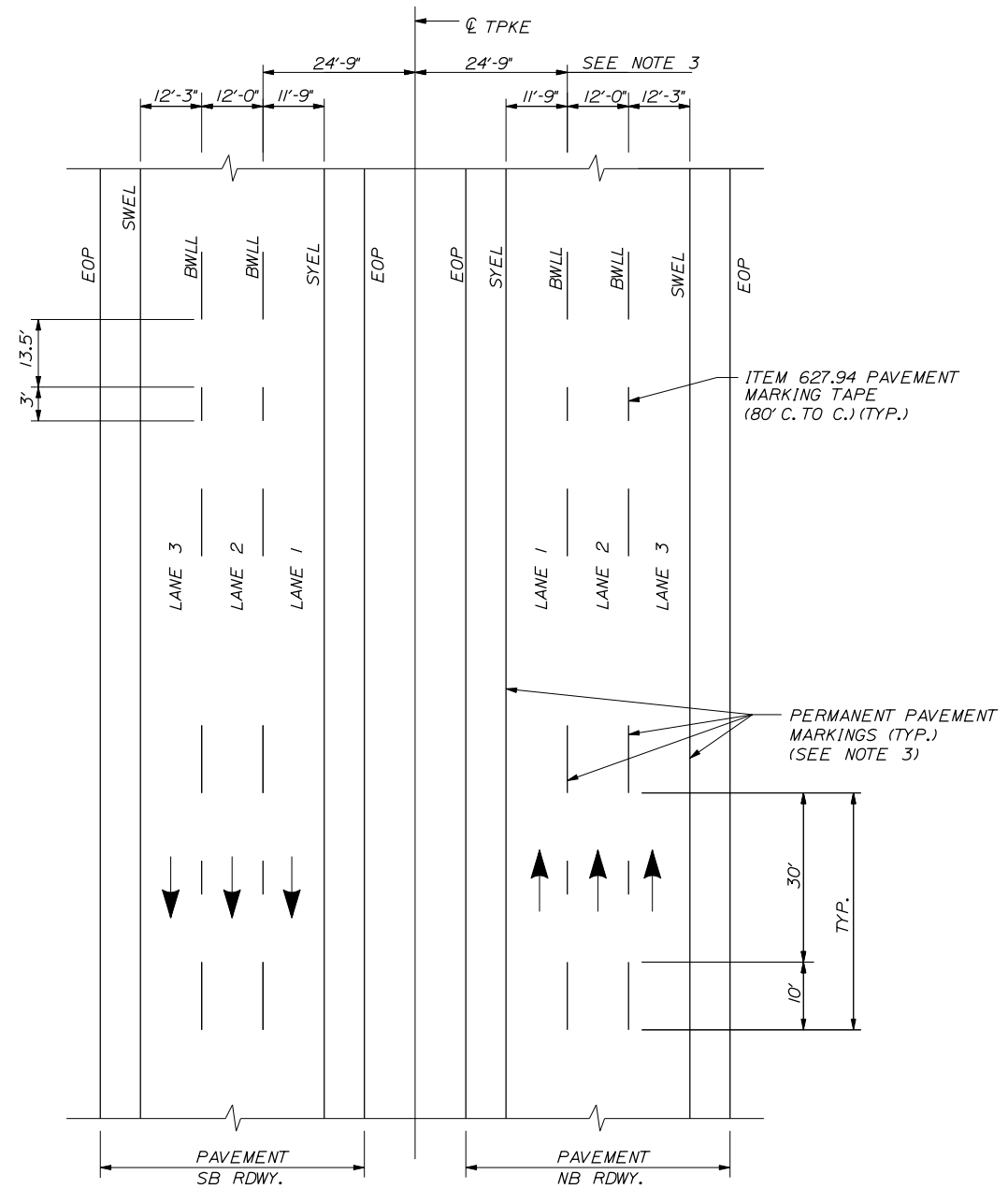
SHEET NUMBER: P-4

CONTRACT: 2020.01

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**TEMP. PAVEMENT MARKINGS  
3 LANE ROADWAY**



**PAVEMENT MARKING DETAIL  
3 LANE ROADWAY**

**NOTES:**

1. TEMPORARY PAVEMENT MARKINGS ON MILLED PAVEMENT SHALL BE 6" SOLID WHITE, BROKEN WHITE, AND SOLID YELLOW PAINT LINES.
2. SWEL AND SYEL SHALL BE TEMPORARY RAISED PAVEMENT MARKERS SPACED AT 10'-0" O.C. AND OFFSET FROM FINAL STRIPING LOCATION.
3. BWLL SHALL BE PAVEMENT MARKING TAPE. 3' PIECES SHALL BE PLACED AT 40'-0" O.C. AND OFFSET FROM FINAL STRIPING LOCATION.
4. FINAL PAINTED PAVEMENT MARKINGS WILL BE LAID OUT BY CONTRACTOR AND INSTALLED BY MTA. RESIDENT SHALL BE ALLOWED TO REVIEW LAYOUT.
5. ONCE FINAL PAINTED LINES ARE COMPLETED BY MTA, CONTRACTOR WILL REMOVE ALL TAPE AND RPMS.

**LEGEND**

- SYEL = SOLID YELLOW EDGE LINE (6" PAINT)
- SWEL = SOLID WHITE EDGE LINE (6" PAINT)
- BWLL = BROKEN WHITE LANE LINE (6" PAINT)
- EOP = EDGE OF PAVEMENT

**NOTES:**

1. PAVEMENT MARKINGS SHALL BE 6" WIDE LINES.
2. THE OFFSET DISTANCES SHOWN ARE MEASURED FROM THE CENTER OF THE 6" PAINT LINES.
3. TO BE LAID OUT BY CONTRACTOR AND PAINTED BY M.T.A.

Scale:			
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No.	Revision	By	Date

By	Date	By	Date
Designed	JOF 8/2019	Checked	SRD 12/2019
Drawn	TWA 9/2019	In Charge of	JOF 12/2019

T.Y. Lin International  
12 Northbrook Drive  
Building A, Suite One  
Falmouth, Maine 04105  
TEL: (207) 781-4721  
FAX: (207) 781-4753



**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV

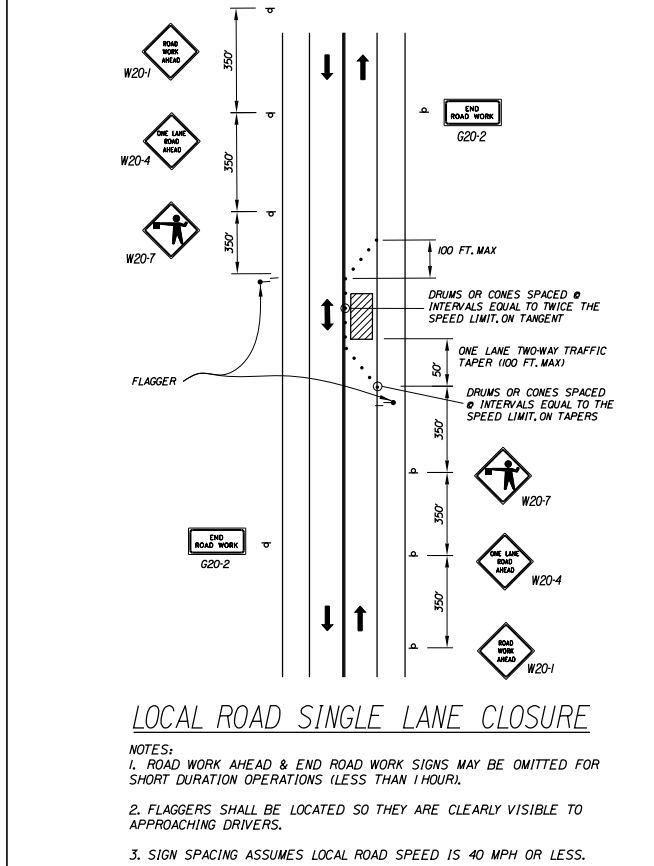
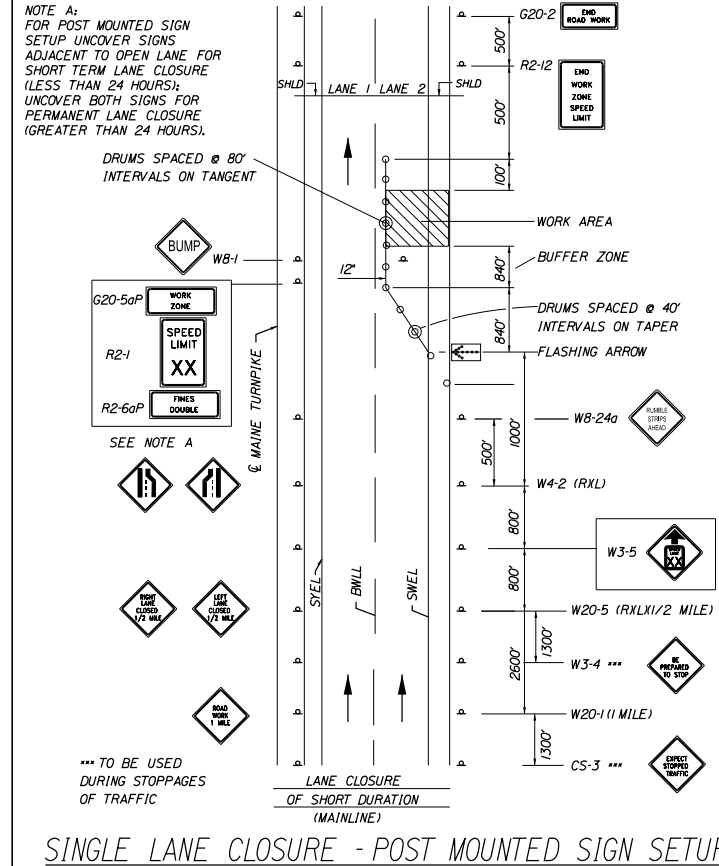
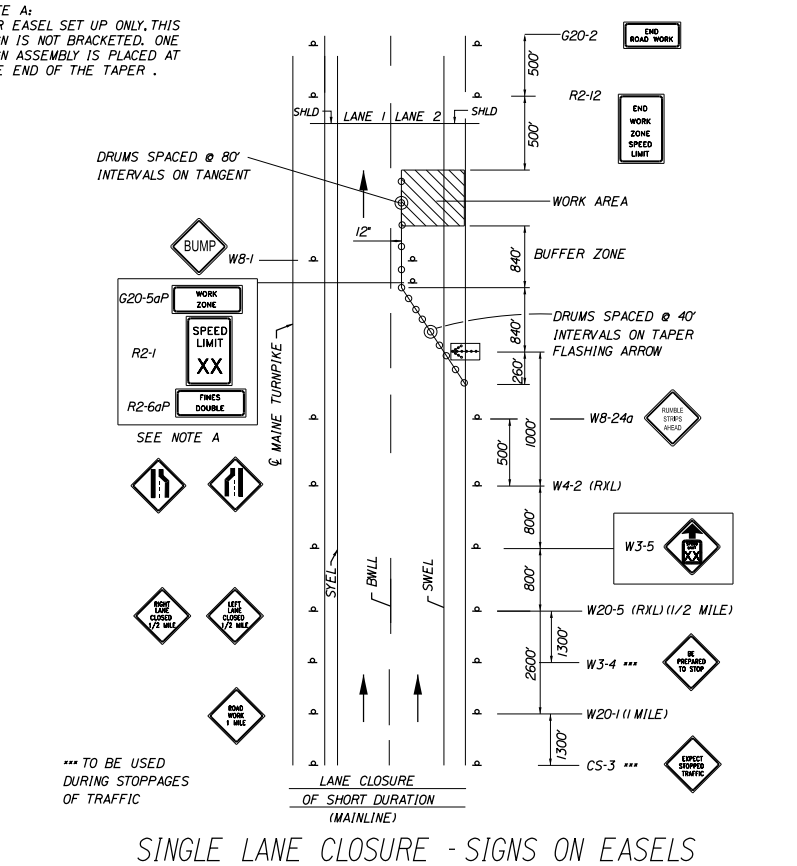
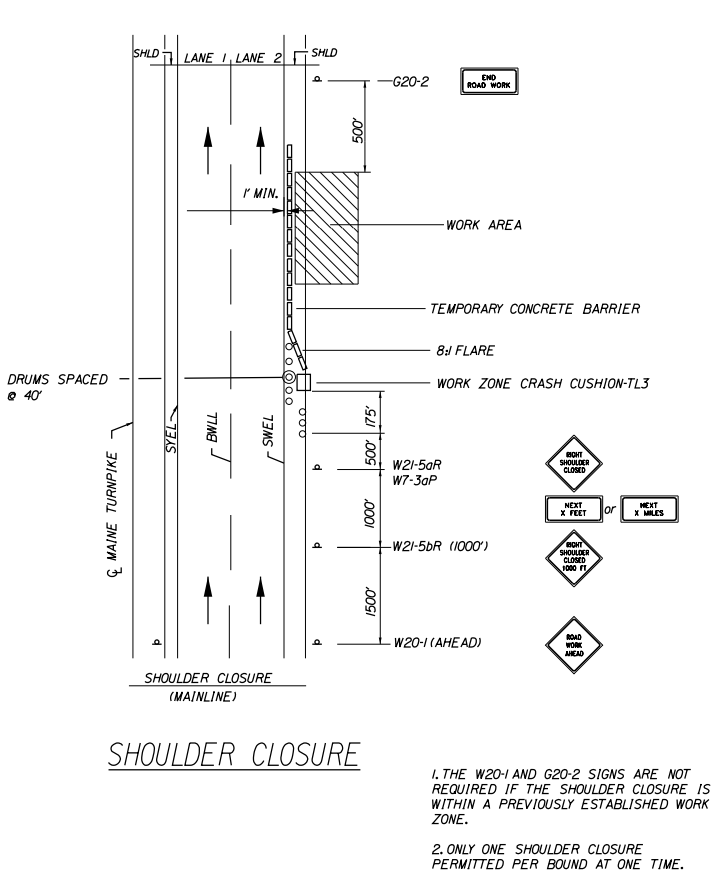
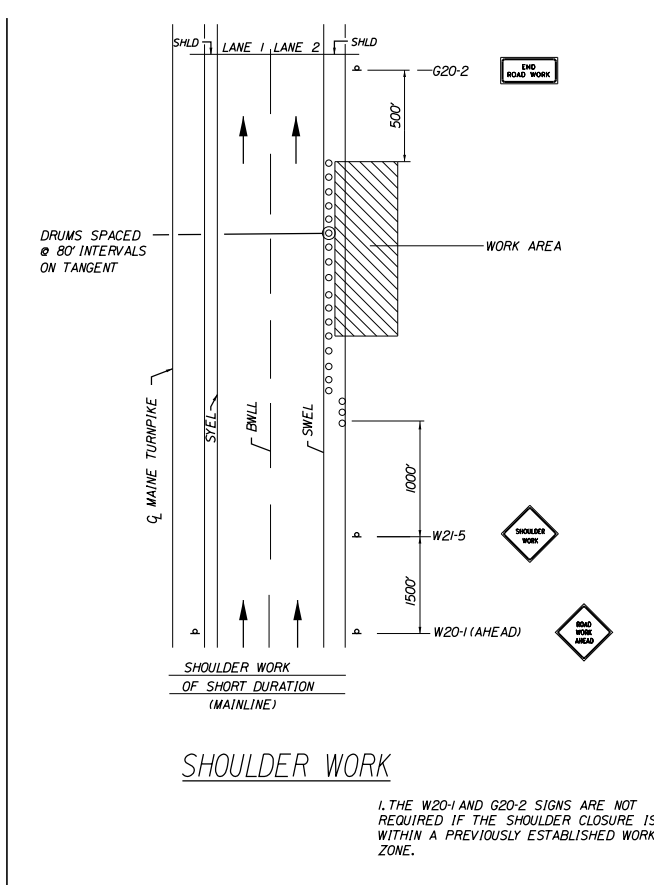
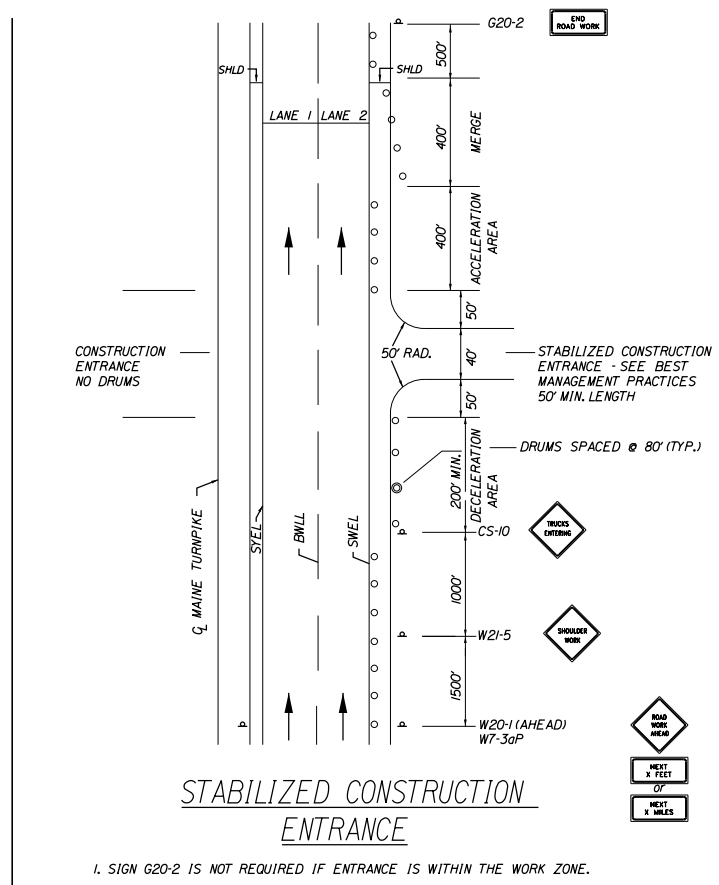
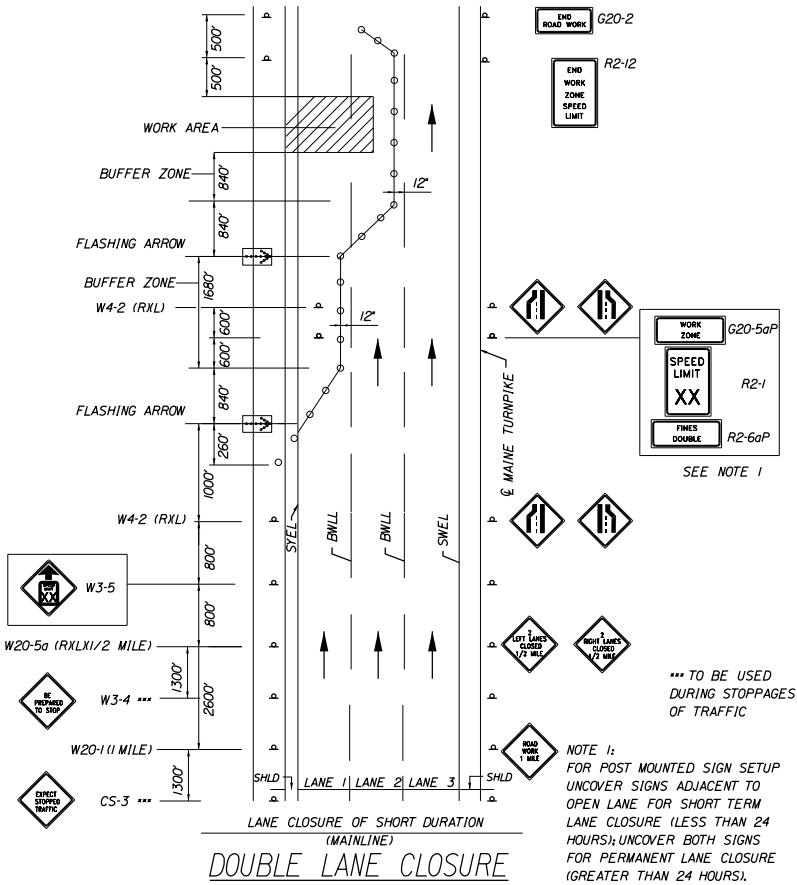
**PAVEMENT REHABILITATION  
AND SAFETY IMPROVEMENTS**  
**PAVEMENT MARKING AND  
GROOVING DETAILS**

CONTRACT: 2020.01

SHEET NUMBER: P-5

7 OF 21

Date: 12/23/2019



**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 ON THE MAINE TURNPIKE SHALL BE PROTECTED BY A WORK ZONE CRASH CUSHION. PAYMENT WILL BE UNDER ITEM 527.341 - WORK ZONE CRASH CUSHION - TL-3.
- THE CONTRACTOR SHALL COVER ALL EXISTING SIGNS THAT CONFLICT WITH TEMPORARY CONSTRUCTION SIGNS.
- SPEED LIMIT, STOP, YIELD AND EXIT SIGNS SHALL BE A MINIMUM OF 5' ABOVE THE PAVEMENT.
- ALL CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION.
- SEE SPECIAL PROVISION SECTION 652 FOR ADDITIONAL MAINTENANCE OF TRAFFIC INFORMATION.
- OTHER TRAFFIC CONTROL DETAILS ARE AVAILABLE AT WWW.MAINETURNPIKE.COM. SEE THE RESIDENT BEFORE USING.

**ABBREVIATIONS FOR ALL M.O.T. PLANS**

BWLL = BROKEN WHITE LANE LINE  
SWEL = SOLID WHITE LANE LINE  
SYEL = SOLID YELLOW LANE LINE  
TBWLL = TEMPORARY BROKEN WHITE LANE LINE  
TDWEL = TEMPORARY DOTTED WHITE EDGE LINE  
TSWEL = TEMPORARY SOLID WHITE EDGE LINE  
TSWLL = TEMPORARY SOLID WHITE LANE LINE  
TSYCL = TEMPORARY SOLID YELLOW CENTER LINE

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: **TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

By	Date	By	Date
Designed		Checked	
Drawn		In Charge of	JOF 12/2019

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FAX: (207) 781-4753

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS

GENERAL MAINTENANCE OF TRAFFIC SHEET

SHEET NUMBER: M-1

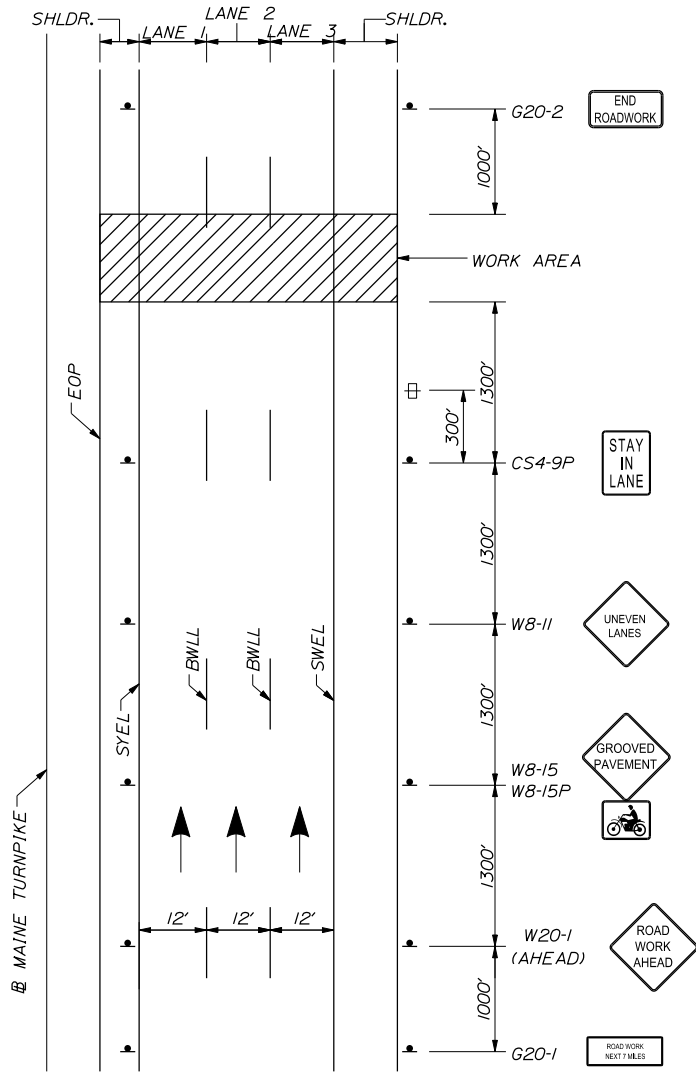
CONTRACT: 2020.01

8 OF 21

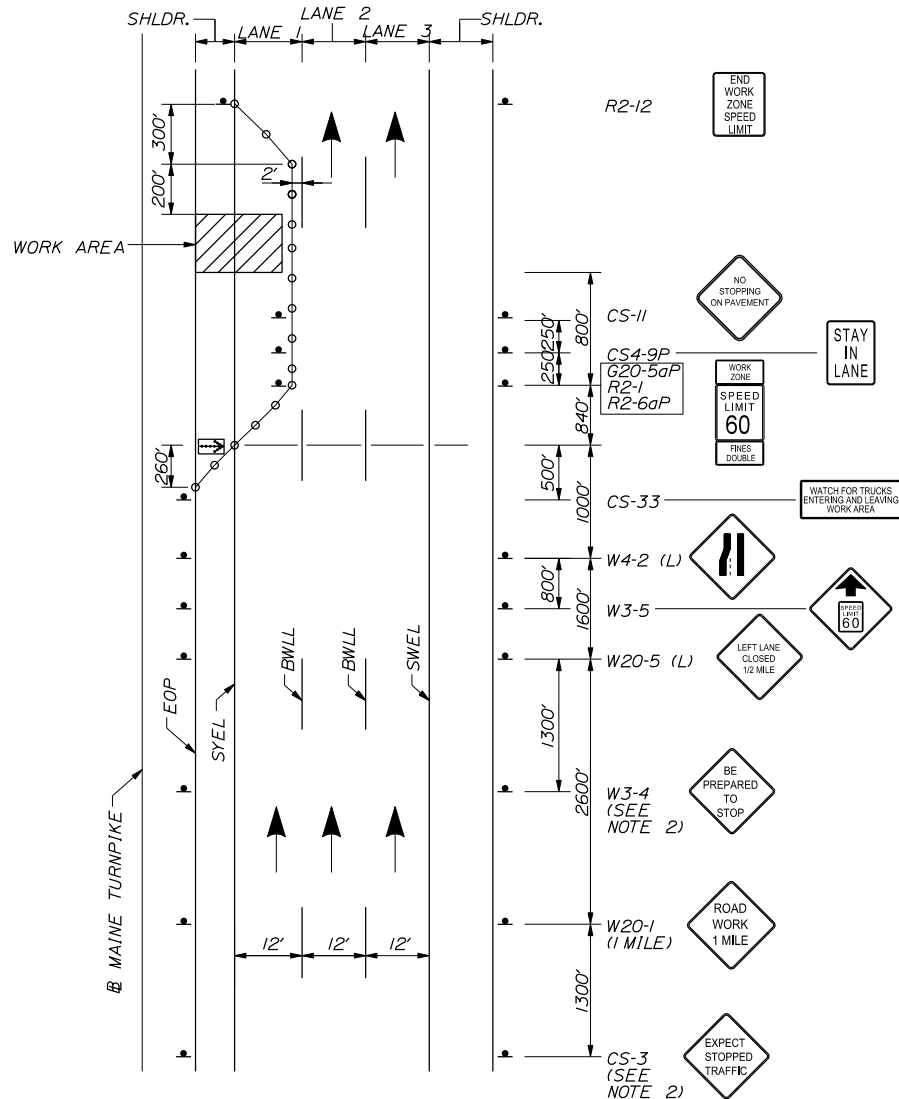
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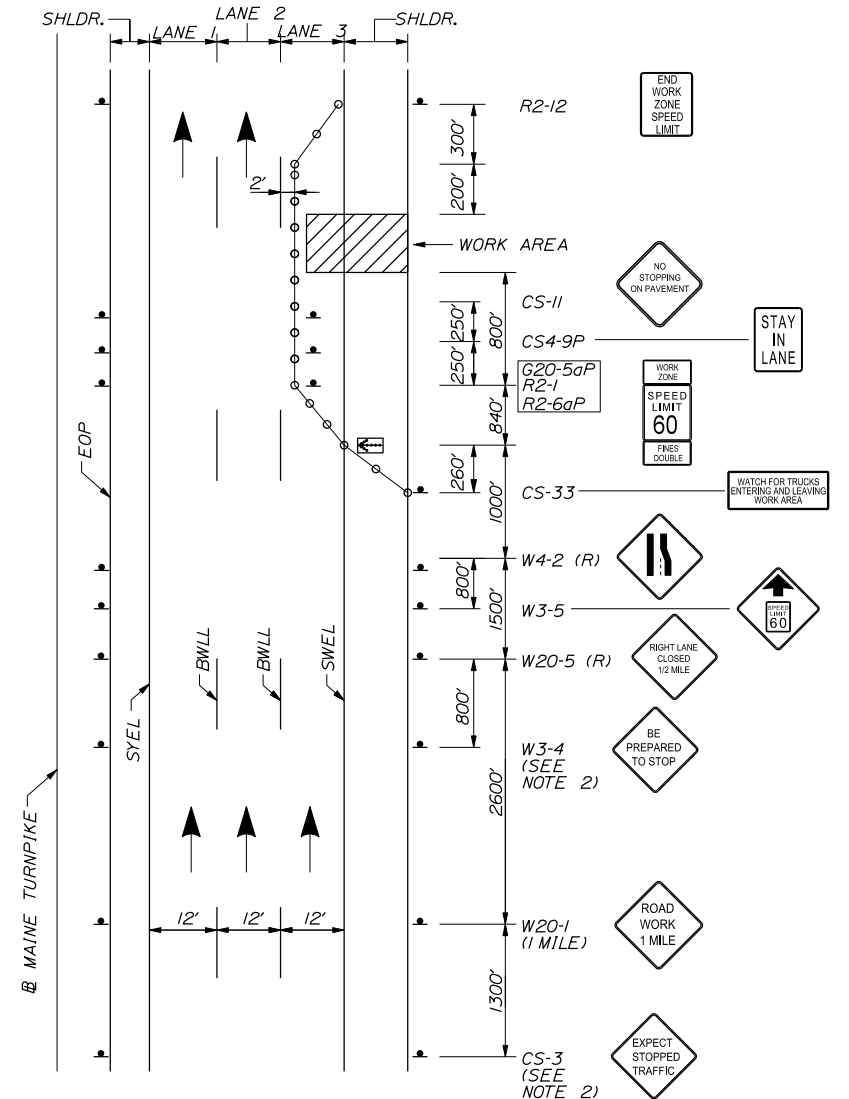
Date: 12/23/2019



**MAINLINE  
BEGINNING OF WORK SIGNAGE**



**MAINLINE CLOSURE  
WORK IN MEDIAN AND LANE 1**



**MAINLINE CLOSURE  
WORK IN SHOULDER AND LANE 3**

**NOTES:**  
1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET  
2. TO BE USED DURING STOPPAGE OF TRAFFIC

- LEGEND**
- = FLASHING ARROW BOARD
  - = CONSTRUCTION SIGN
  - = PORTABLE - CHANGEABLE MESSAGE SIGN
  - = DRUM SPACED AT 80' INTERVALS ON TANGENTS 40' INTERVALS ON TAPERS
  - = WORK AREA

Filename: ...Traffic ControlDetails.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: **TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date
Designed	MRM	10/2019	Checked	TSK 12/2019
Drawn	MRM	10/2019	In Charge of	JOF 12/2019

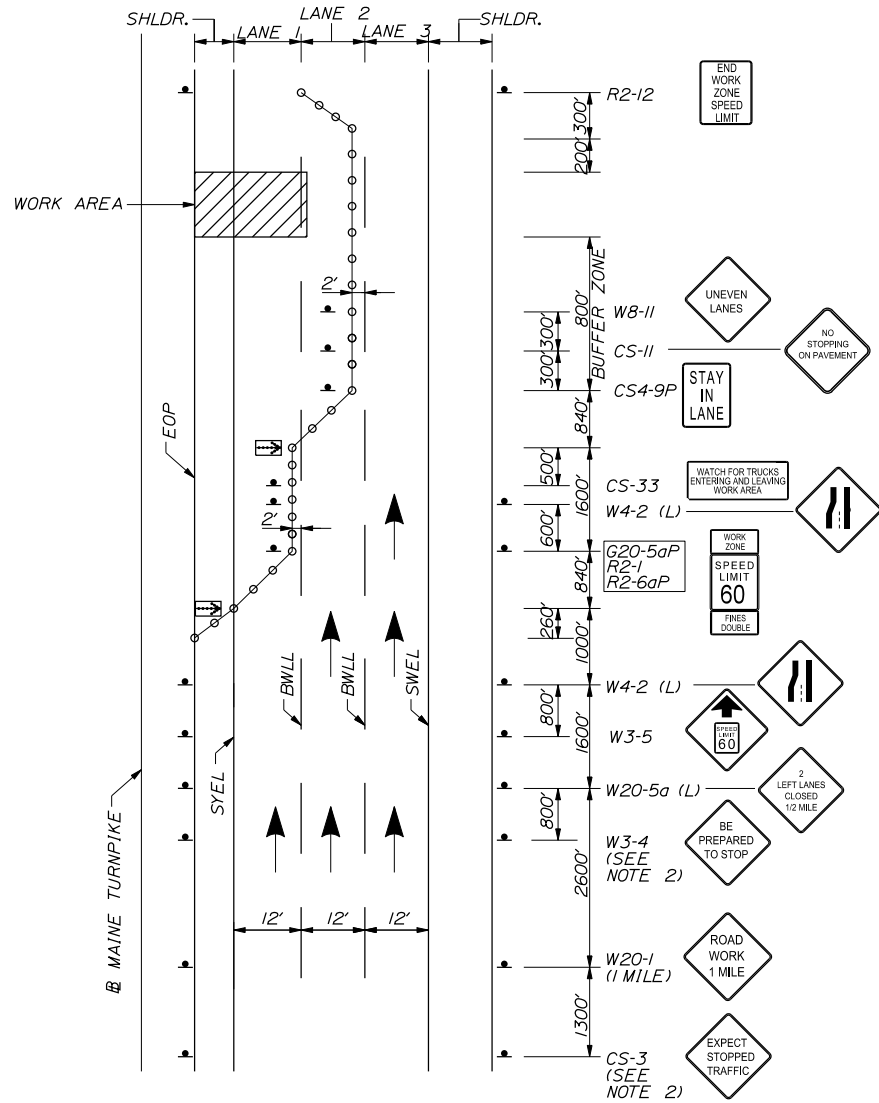
T.Y. Lin International  
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**THE GOLD STAR  
MEMORIAL HIGHWAY**

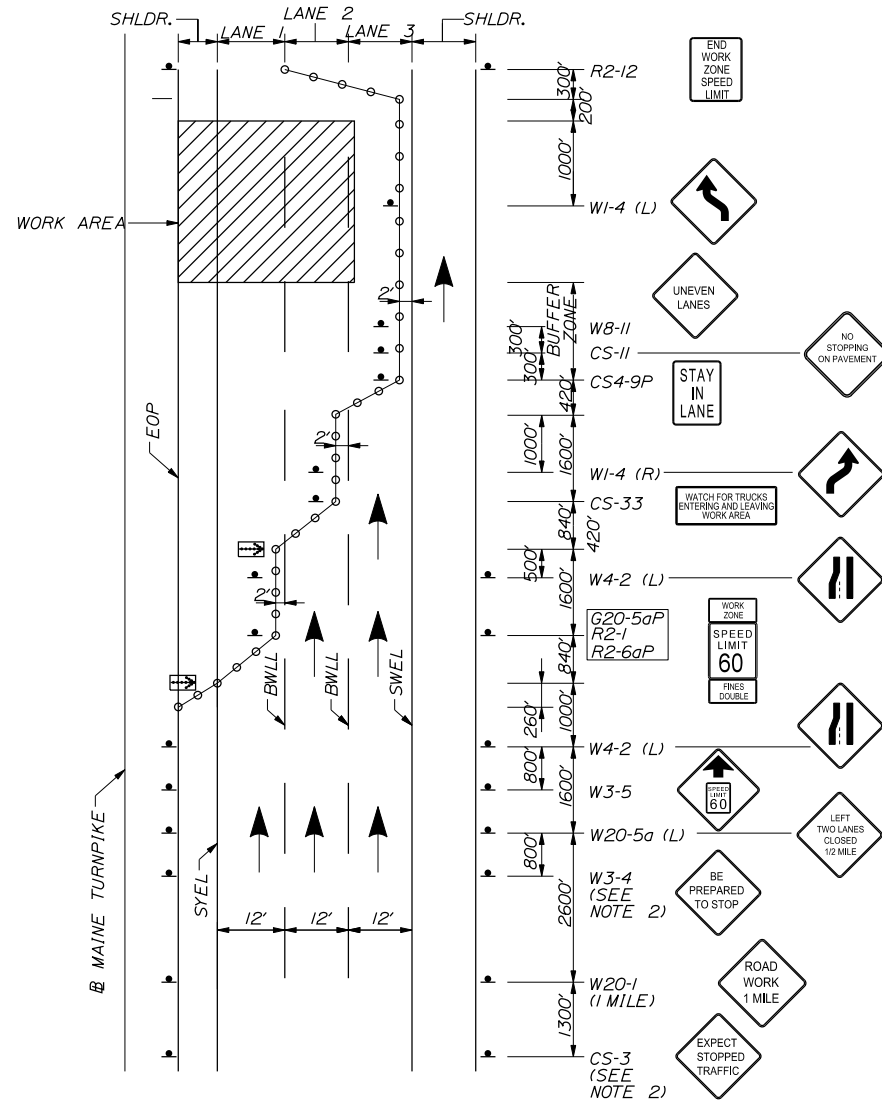
MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION  
AND SAFETY IMPROVEMENTS  
TRAFFIC CONTROL  
MAINLINE CLOSURE (1 OF 2)

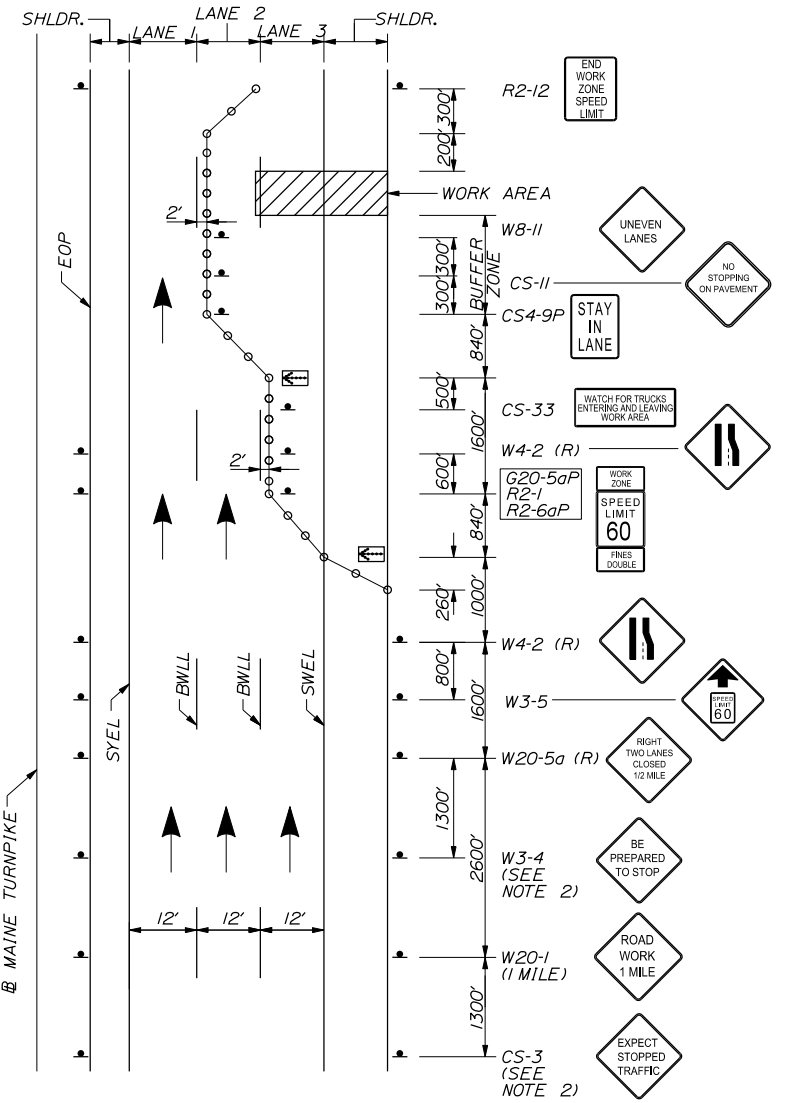
SHEET NUMBER: M-2  
CONTRACT: 2020.01  
9 OF 21



MAINLINE CLOSURE  
PAVING AND MILLING OPERATIONS IN LANE 1



MAINLINE CLOSURE  
PAVING AND MILLING OPERATIONS IN LANE 2



MAINLINE CLOSURE  
PAVING AND MILLING OPERATIONS IN LANE 3

**NOTES:**

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET
2. TO BE USED DURING STOPPAGE OF TRAFFIC

**LEGEND**

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

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

**TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date
Designed	MRM	10/2019	Checked	TSK 12/2019
Drawn	MRM	10/2019	In Charge of	JOF 12/2019

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

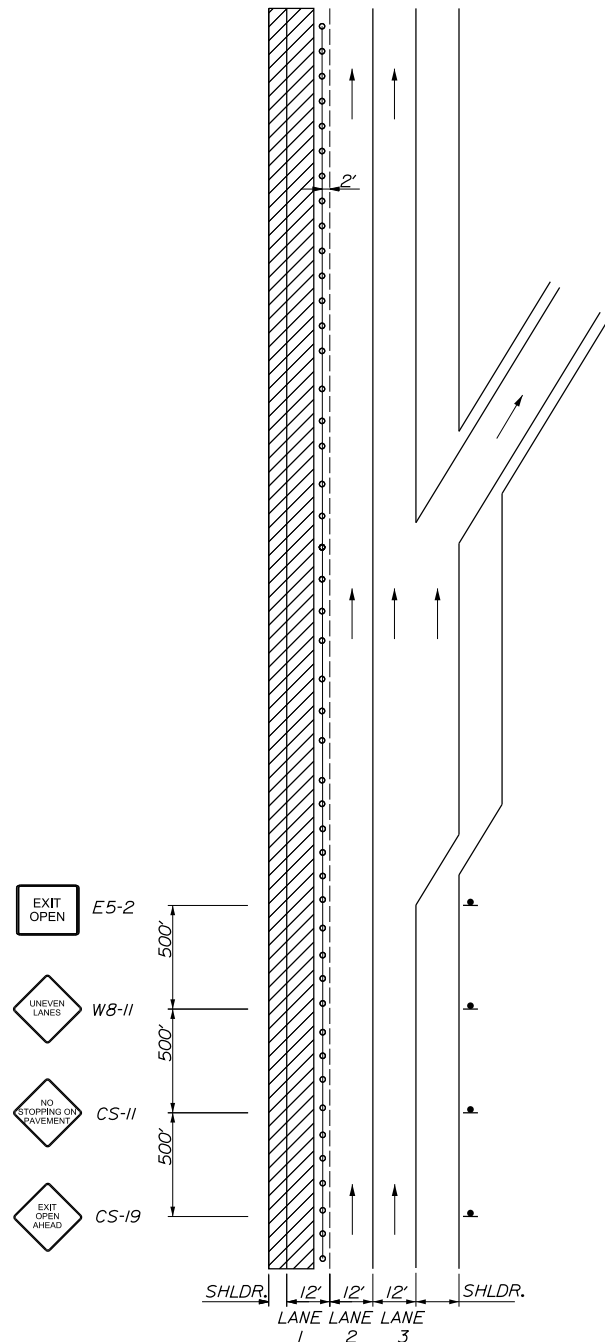
MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION  
AND SAFETY IMPROVEMENTS  
TRAFFIC CONTROL  
MAINLINE CLOSURE (2 OF 2)

CONTRACT: 2020.01

SHEET NUMBER: M-3

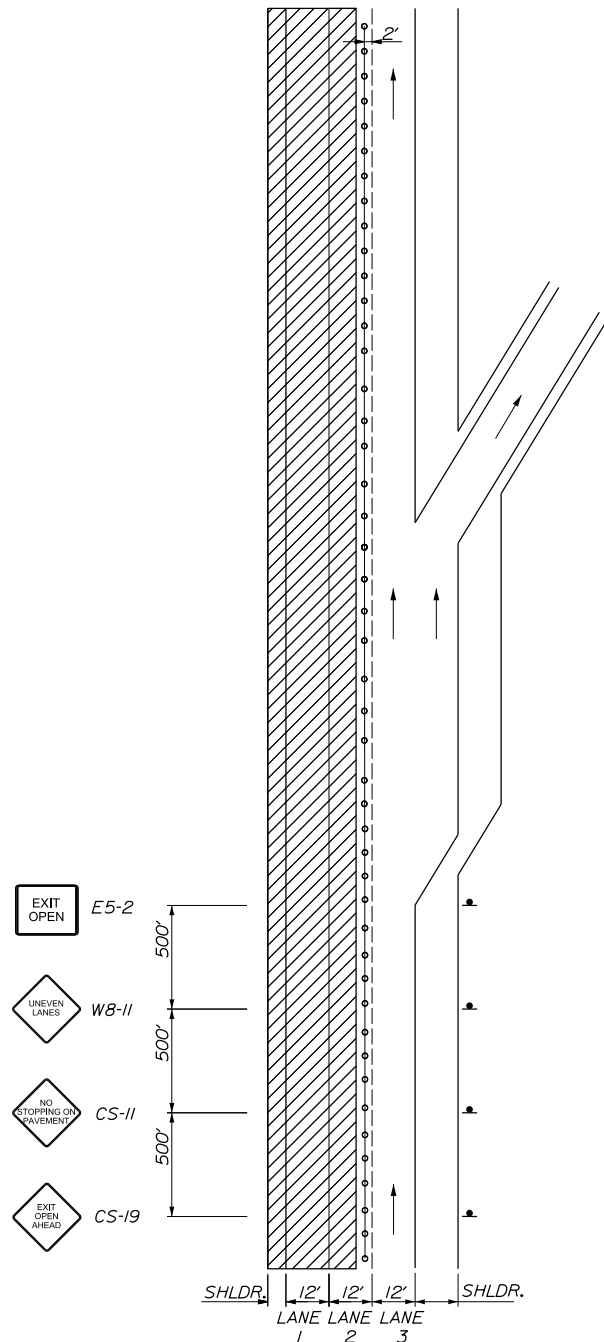
10 OF 21



LANE 1 CLOSED  
TRAFFIC IN LANE 2 & 3  
EXITING RAMP OPEN

**NOTES:**

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
3. ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON "TRAFFIC CONTROL MAINLINE CLOSURE" SHEETS M-1 THROUGH M-3.



LANES 1 & 2 CLOSED  
TRAFFIC IN LANE 3  
EXITING RAMP OPEN

**LEGEND**

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

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

**TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date
Designed	MRM	10/2019	Checked	TSK 12/2019
Drawn	MRM	10/2019	In Charge of	JOF 12/2019

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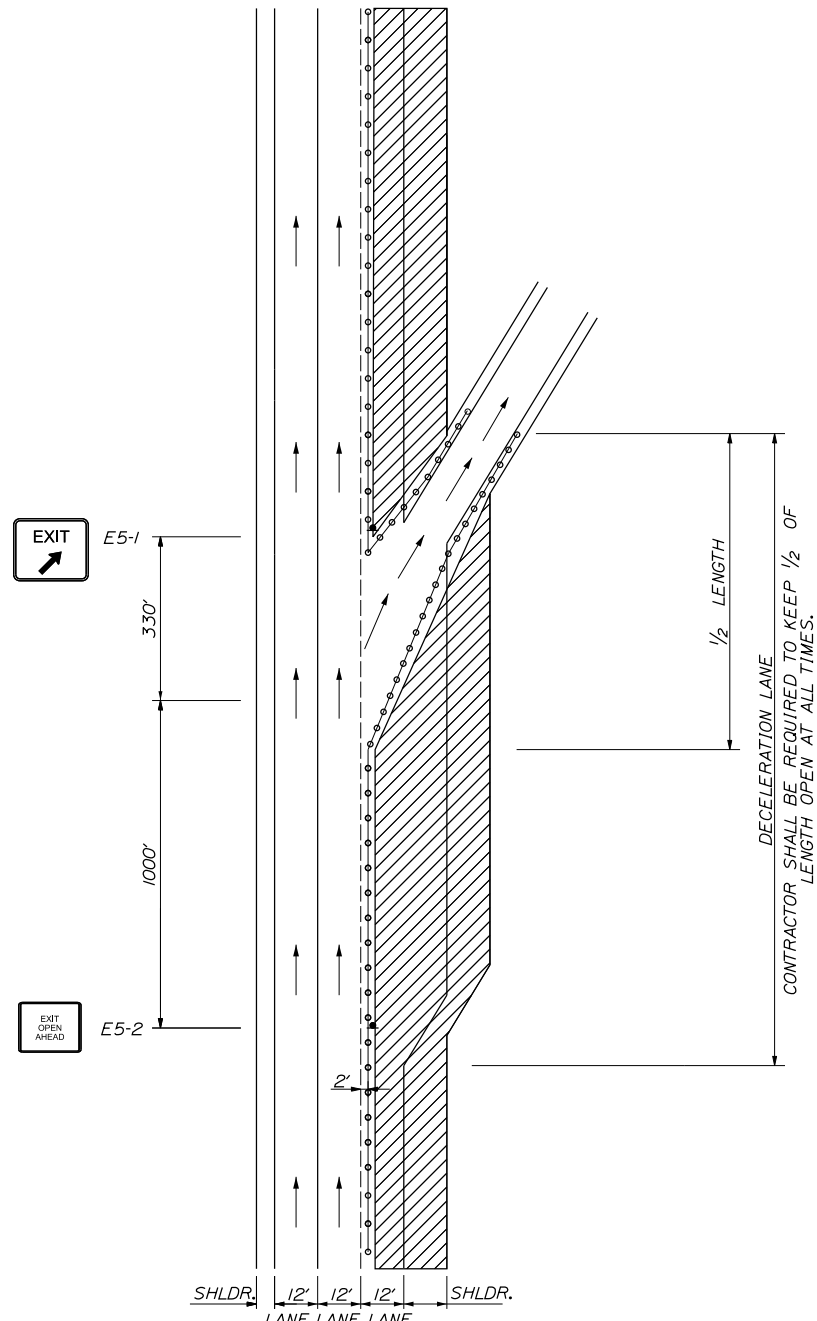
**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS  
 TRAFFIC CONTROL  
 LANE CLOSURE AT EXIT RAMP (1 OF 2)

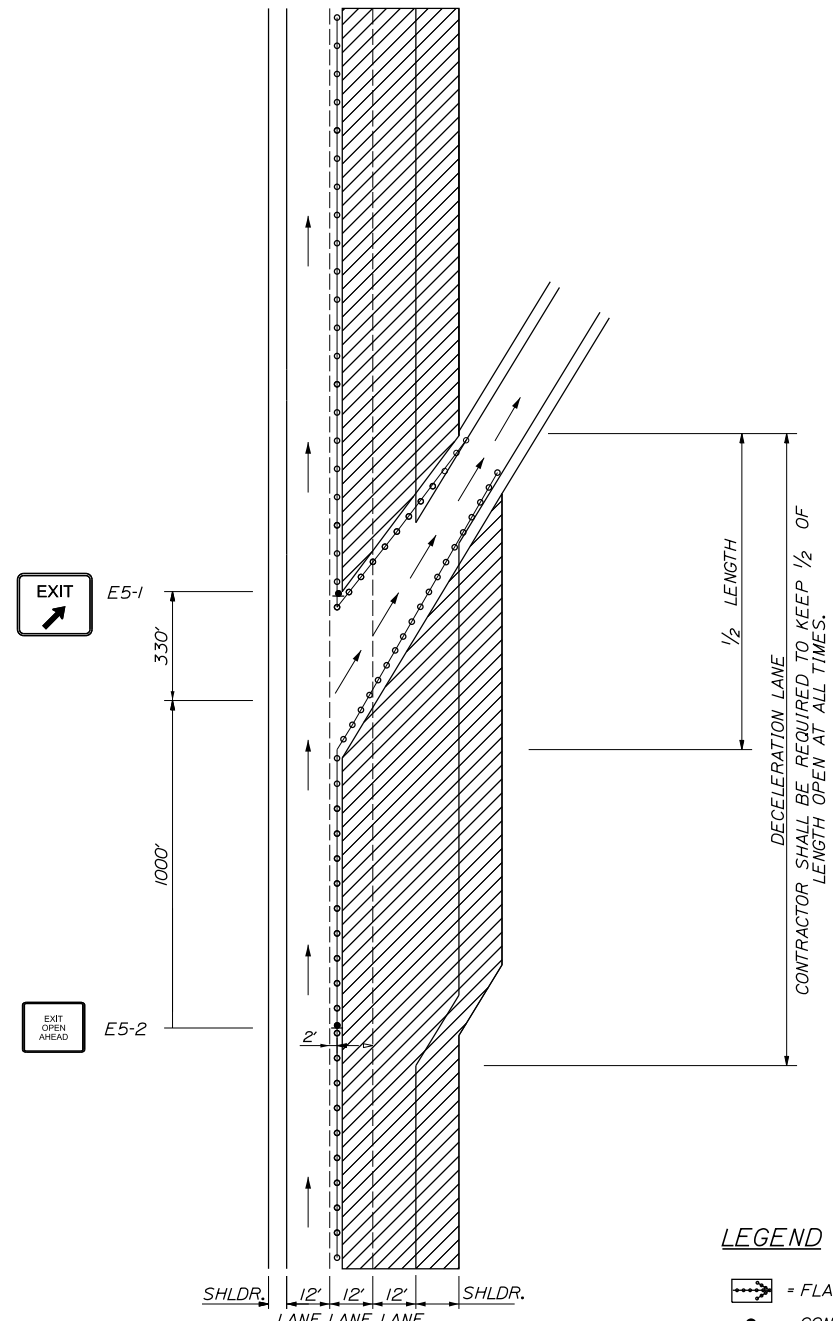
SHEET NUMBER: M-4  
 CONTRACT: 2020.01  
 11 OF 21



LANE 3 CLOSED  
TRAFFIC IN LANE 1 & 2  
EXITING RAMP OPEN

**NOTES:**

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
3. ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON "TRAFFIC CONTROL MAINLINE CLOSURE" SHEETS M-1 THROUGH M-3.
4. CONTRACTOR SHALL RELOCATE CONSTRUCTION SIGNS AS DIRECTED BY THE RESIDENT



LANE 2 & 3 CLOSED  
TRAFFIC IN LANE 1  
EXITING RAMP OPEN

**LEGEND**

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

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by: <b>TYLIN INTERNATIONAL</b>			
CONSULTANT PROJECT MANAGER: Jim Ferguson			
	By	Date	
Designed	MRM	10/2019	Checked TSK 12/2019
Drawn	MRM	10/2019	In Charge of JOF 12/2019

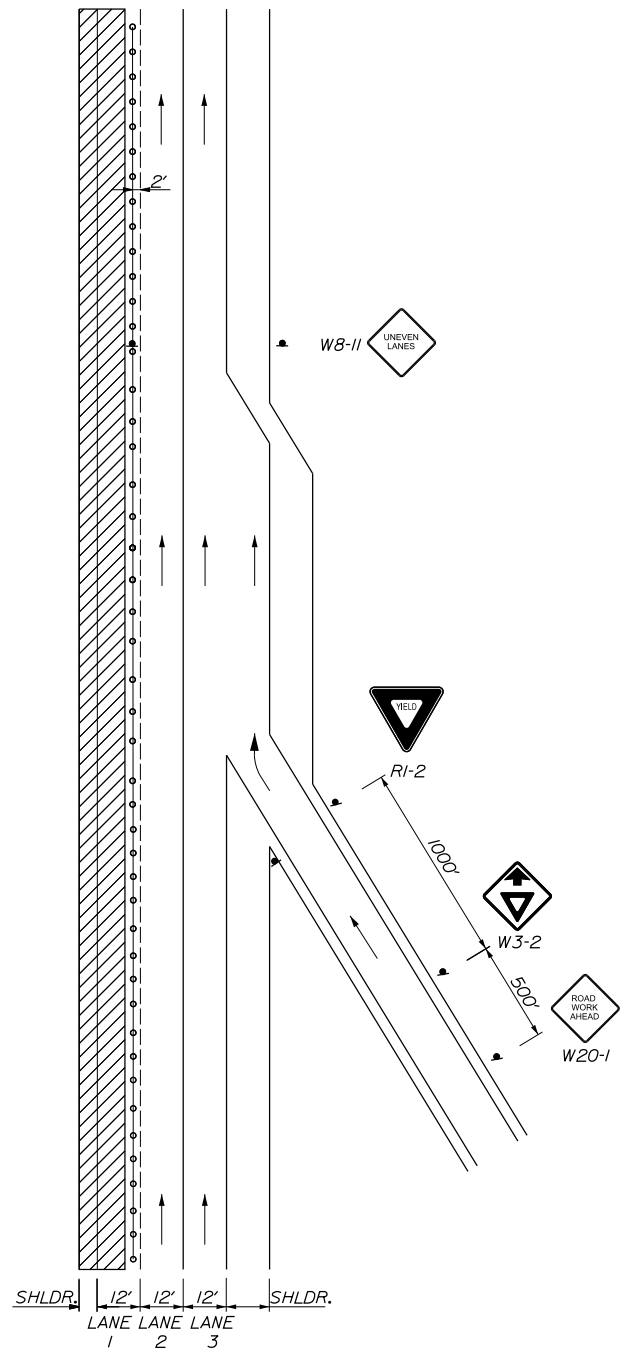
T.Y. Lin International  
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Falmouth, Maine 04105  
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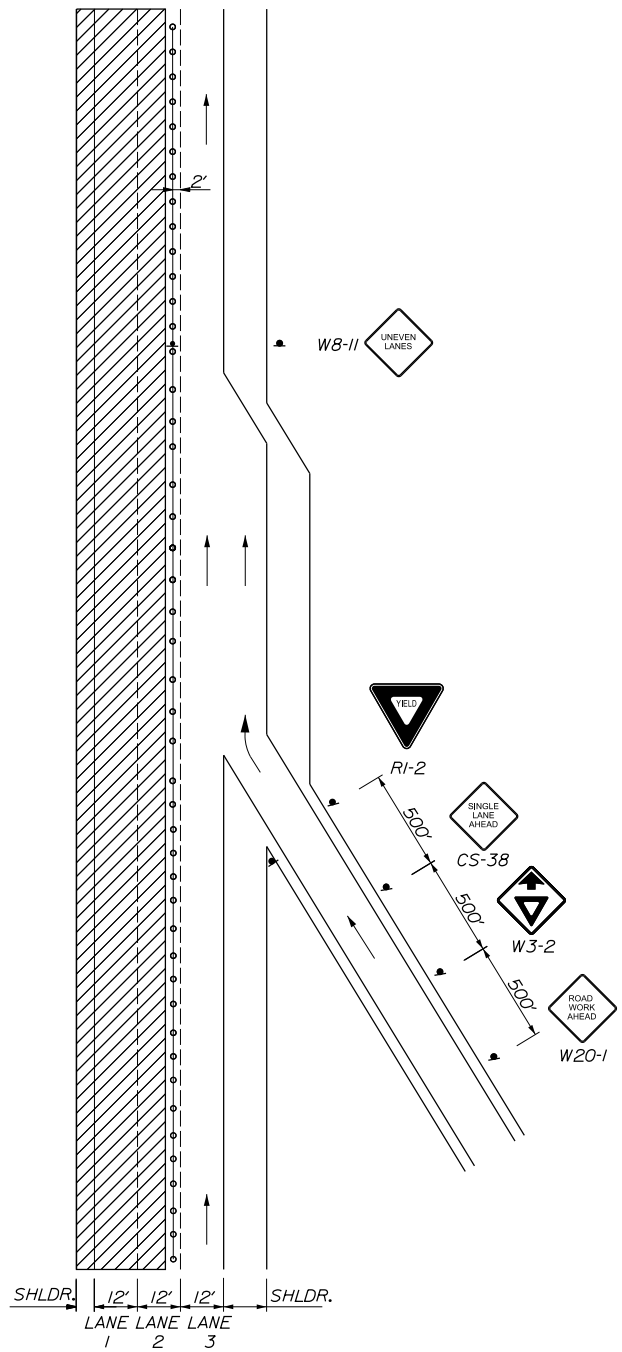
**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV

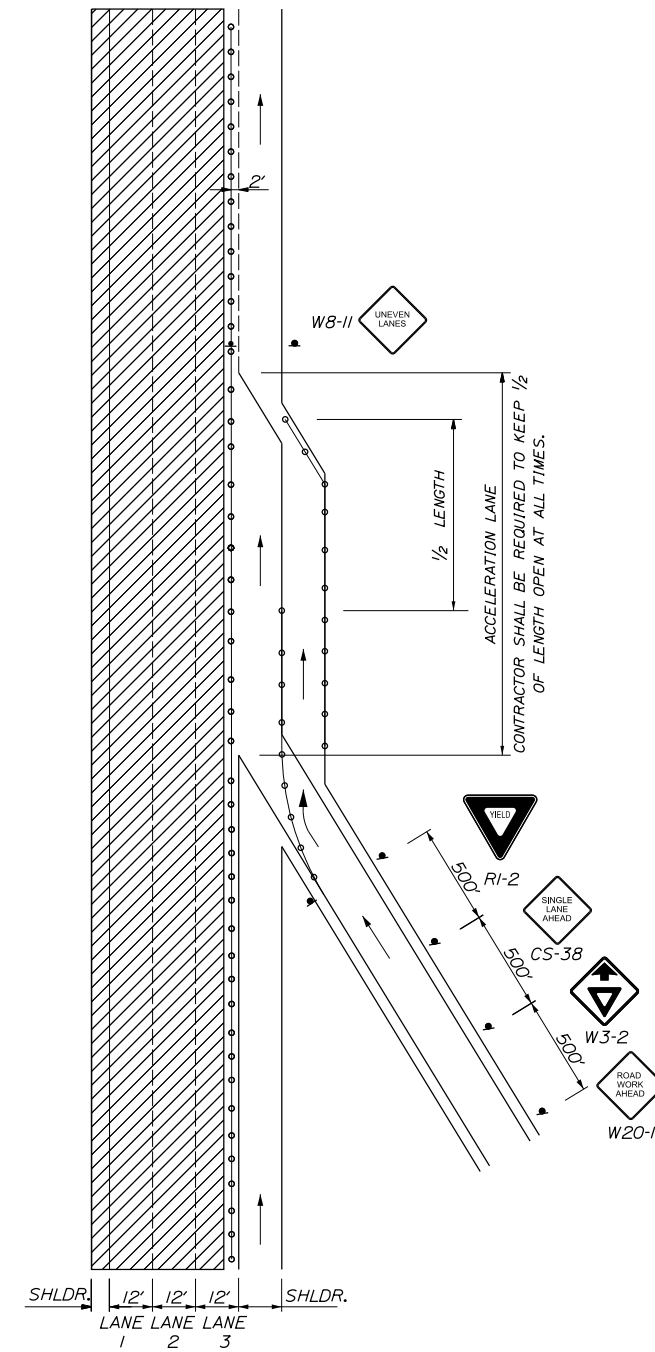
PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS TRAFFIC CONTROL LANE CLOSURE AT EXIT RAMP (2 OF 2)	
SHEET NUMBER: M-5	CONTRACT: 2020.01
12 OF 21	



LANE 1 CLOSED  
TRAFFIC IN LANE 2 & 3  
ENTERING RAMP OPEN



LANE 1 & 2 CLOSED  
TRAFFIC IN LANE 3  
ENTERING RAMP OPEN



LANE 1, 2, & 3 CLOSED  
TRAFFIC IN SHOULDER  
ENTERING RAMP OPEN

**NOTES:**

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
3. ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON "TRAFFIC CONTROL MAINLINE CLOSURE" SHEETS M-1 THROUGH M-3.
4. CONTRACTOR SHALL RELOCATE CONSTRUCTION SIGNS AS DIRECTED BY THE RESIDENT
5. ALL STOP AND YIELD SIGNS SHALL BE MOUNTED 5 FEET ABOVE THE PAVEMENT.

**LEGEND**

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

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:

**TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

By	Date	By	Date
Designed	MRM 10/2019	Checked	TSK 12/2019
Drawn	MRM 10/2019	In Charge of	JOF 12/2019

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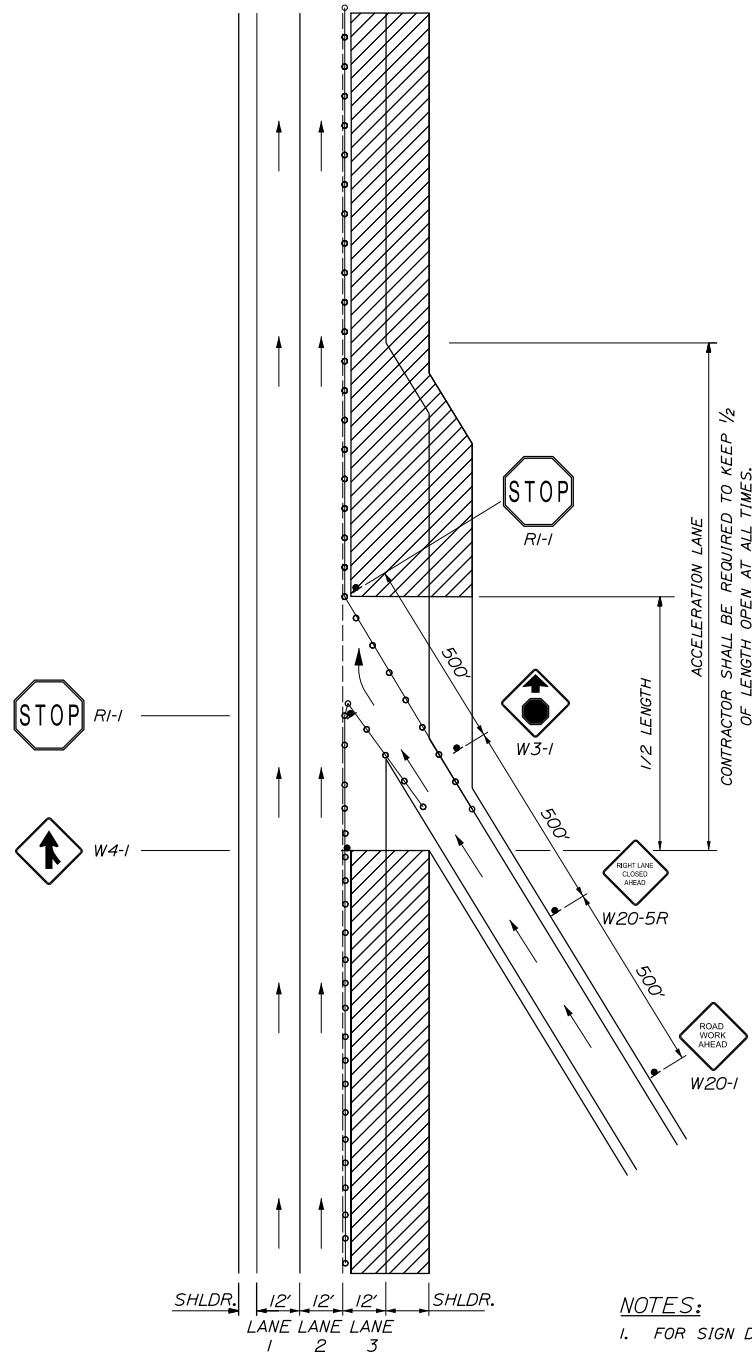
**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION  
AND SAFETY IMPROVEMENTS

TRAFFIC CONTROL  
LANE CLOSURE AT ENTRANCE RAMP (1 OF 2)

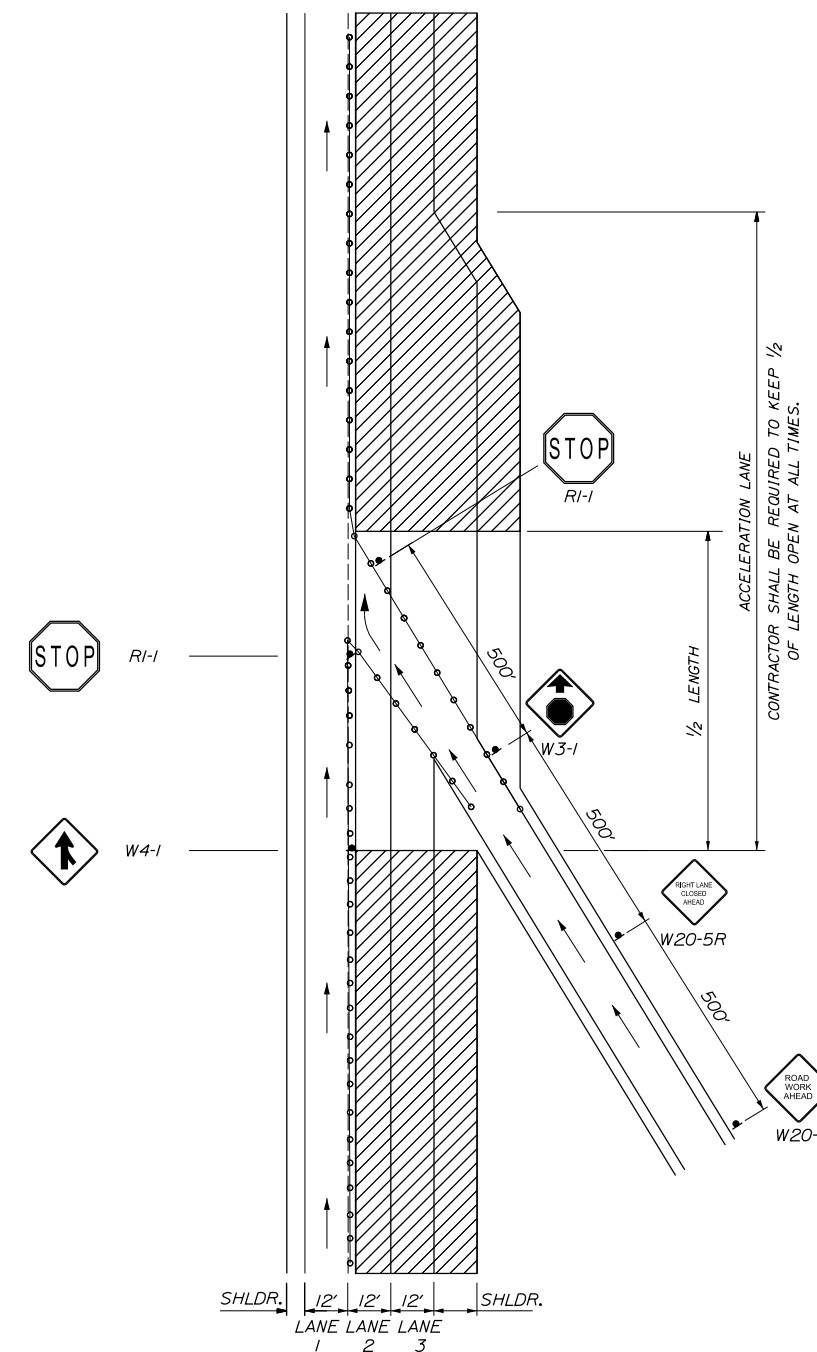
SHEET NUMBER: M-6  
CONTRACT: 2020.01  
13 OF 21



LANE 3 CLOSED  
TRAFFIC IN LANE 1 & 2  
ENTERING RAMP OPEN

**NOTES:**

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
3. ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON TRAFFIC CONTROL MAINLINE CLOSURE SHEETS M-1 THROUGH M-3.
4. CONTRACTOR SHALL RELOCATE CONSTRUCTION SIGNS AS DIRECTED BY THE RESIDENT
5. ALL STOP AND YIELD SIGNS SHALL BE MOUNTED 5 FEET ABOVE THE PAVEMENT.



LANE 2 & 3 CLOSED  
TRAFFIC IN LANE 1  
ENTERING RAMP OPEN

**LEGEND**

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

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: **TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date
Designed	MRM	10/2019	Checked	TSK 12/2019
Drawn	MRM	10/2019	In Charge of	JOF 12/2019

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**THE GOLD STAR MEMORIAL HIGHWAY**

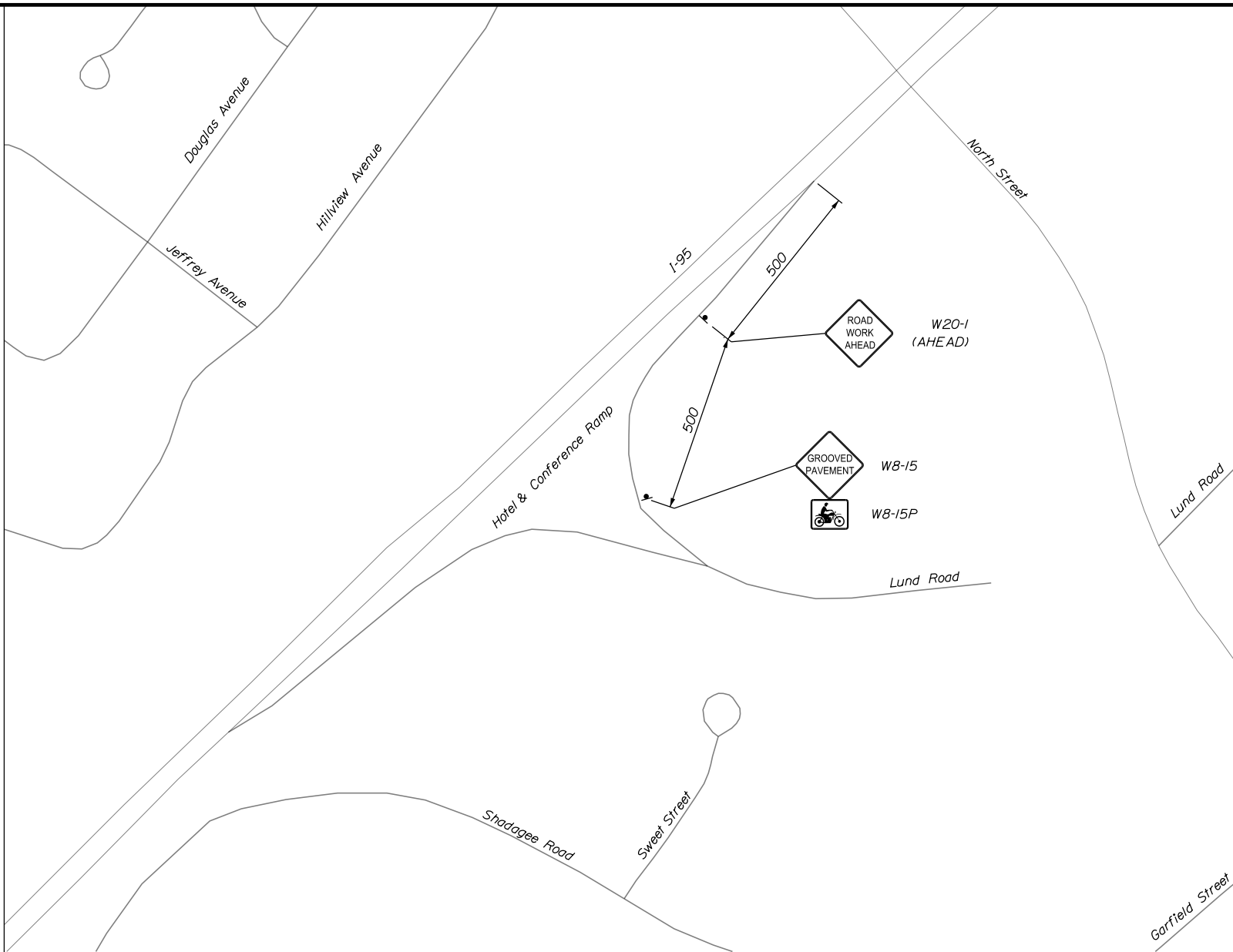
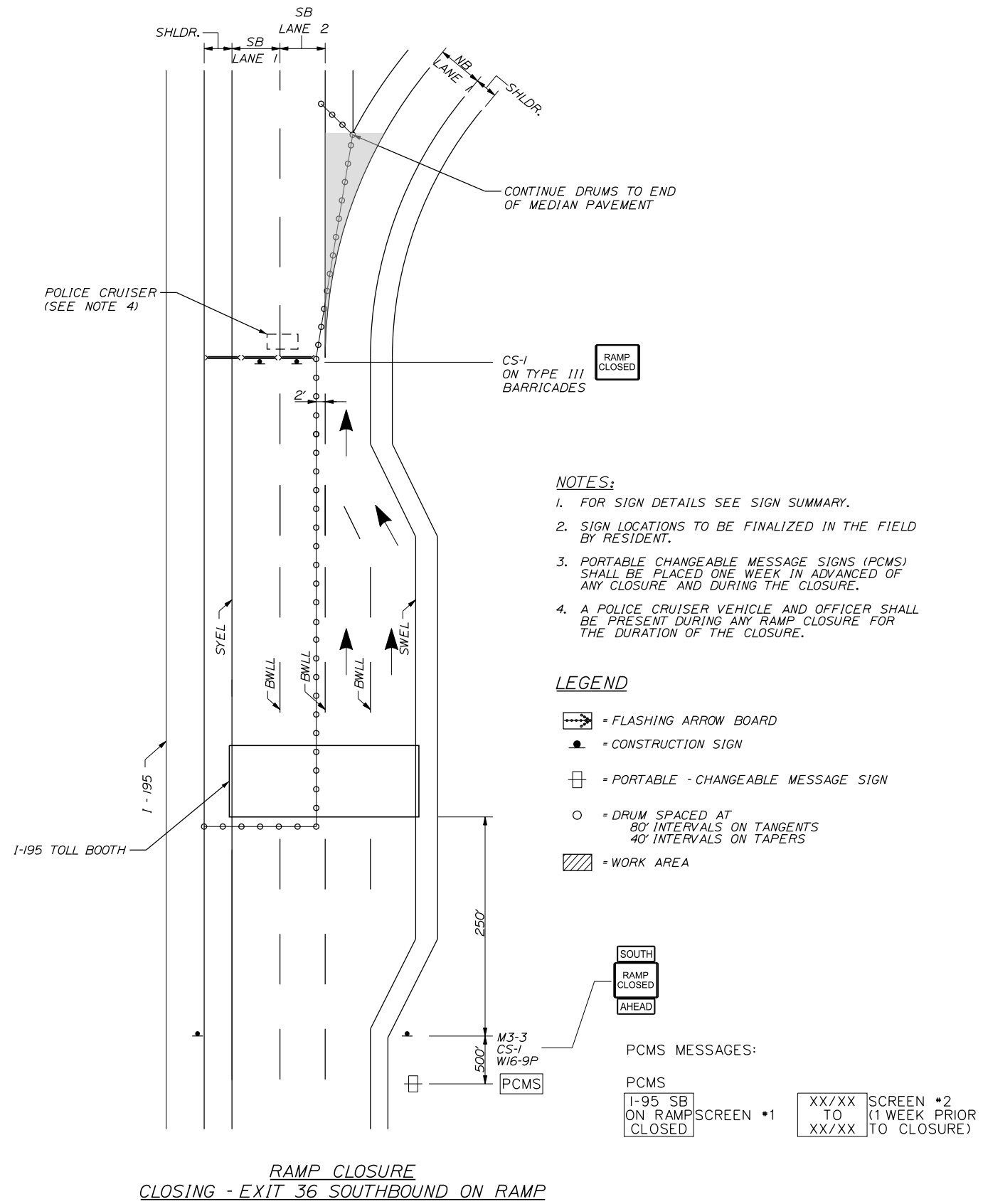
MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS  
TRAFFIC CONTROL  
LANE CLOSURE AT ENTRANCE RAMP (2 OF 2)

SHEET NUMBER: M-7  
CONTRACT: 2020.01  
14 OF 21

Date: 12/23/2019

Filename: ...Traffic ControlDetails.dgn



**NOTES:**  
 FOR ALL ADVANCED SIGNING LOCATIONS, ADVANCED WARNING SIGNS SHALL BE PLACED COVERED 24 HOURS IN ADVANCED OF ANY MAINLINE WORK THAT WILL INVOLVE MILLED SURFACES, UNCOVERED BEFORE BEGINNING OF WORK, AND SHALL BE REMOVED OR COVERED WHEN NO MILLED SURFACE IS PRESENT.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by: **TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date
Designed	TWA	11/2019	Checked	TSK 12/2019
Drawn	TWA	11/2019	In Charge of	JOF 12/2019

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**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS

TRAFFIC CONTROL

EXIT 36 SB ON RAMP CLOSURE

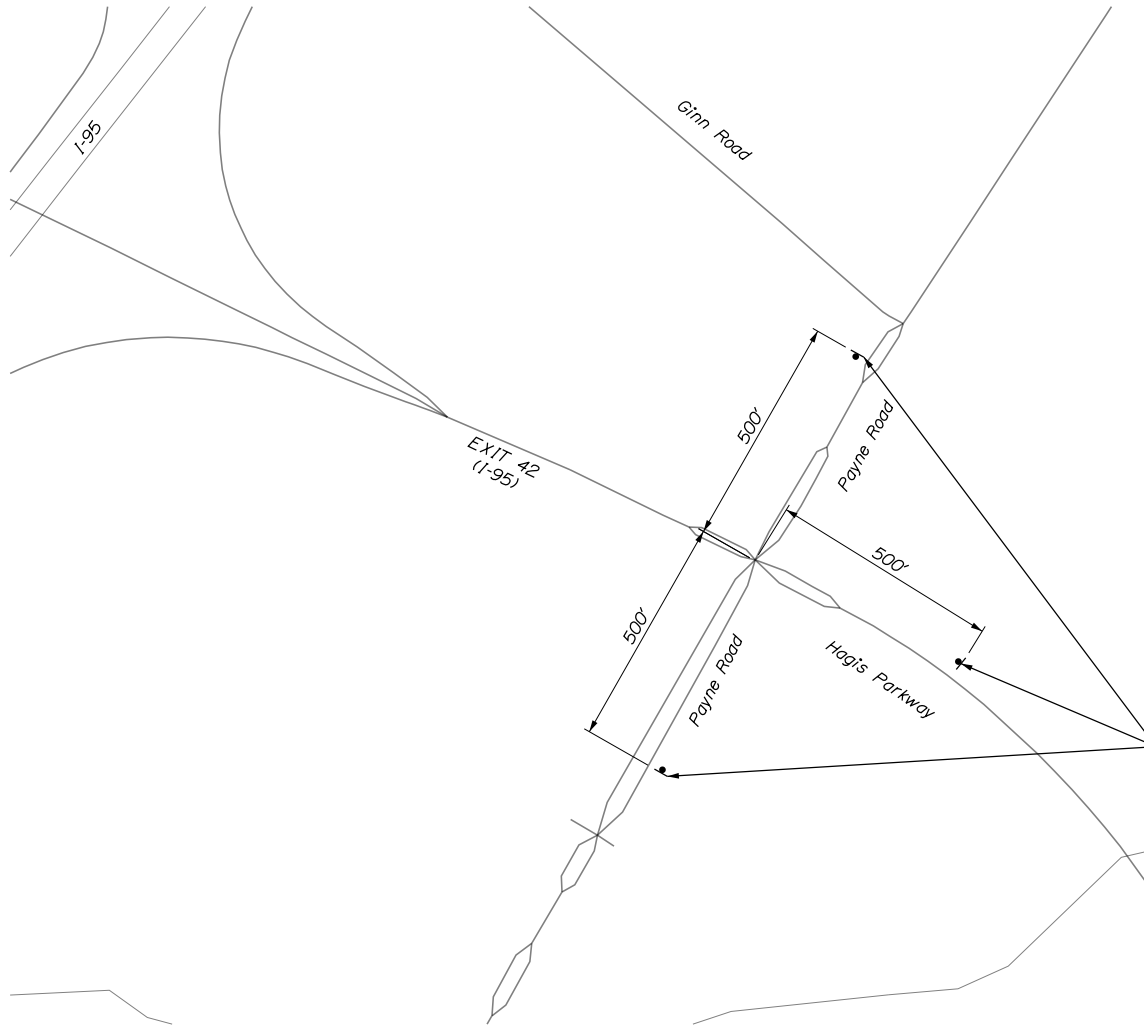
SHEET NUMBER: M-8

CONTRACT: 2020.01

15 OF 21

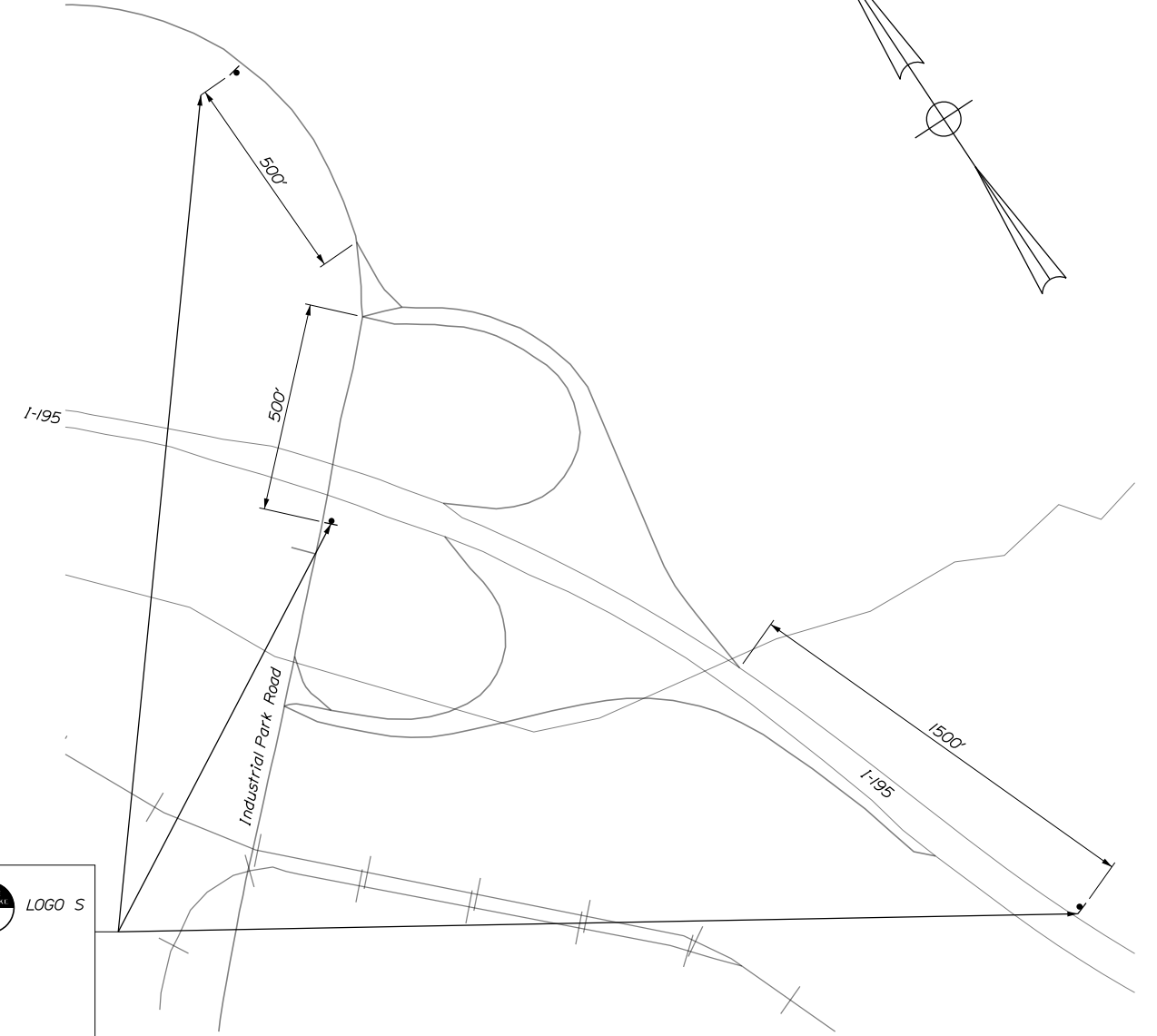
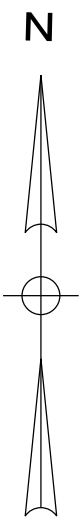
Date: 12/23/2019

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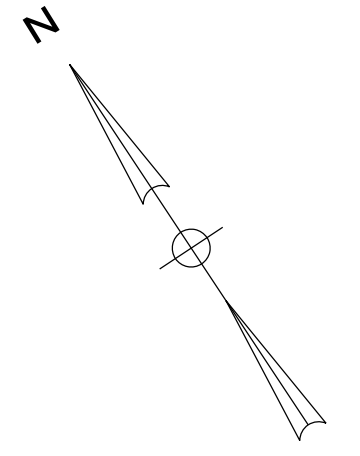
PAYNE ROAD/HAGGIS PARKWAY INTERSECTION  
ADVANCED SIGNING  
LOCATIONS FOR MILLING  
AND PAVING OPERATIONS

MI-2 LOGO S  
 WB-15 GROOVED PAVEMENT  
 WB-15P   
 CS-41 SOUTHBOUND



EXIT 36 ADVANCED SIGNING  
LOCATIONS FOR MILLING  
AND PAVING OPERATIONS

MI-2 LOGO S  
 WB-15 GROOVED PAVEMENT  
 WB-15P   
 CS-41 NORTHBOUND  
 CS-41 SOUTHBOUND



**NOTES:**  
 FOR ALL ADVANCED SIGNING LOCATIONS, ADVANCED WARNING SIGNS SHALL BE PLACED COVERED 24 HOURS IN ADVANCED OF ANY MAINLINE WORK THAT WILL INVOLVE MILLED SURFACES, UNCOVERED BEFORE BEGINNING OF WORK, AND SHALL BE REMOVED OR COVERED WHEN NO MILLED SURFACE IS PRESENT.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:  
**TYLIN INTERNATIONAL**  
 CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date
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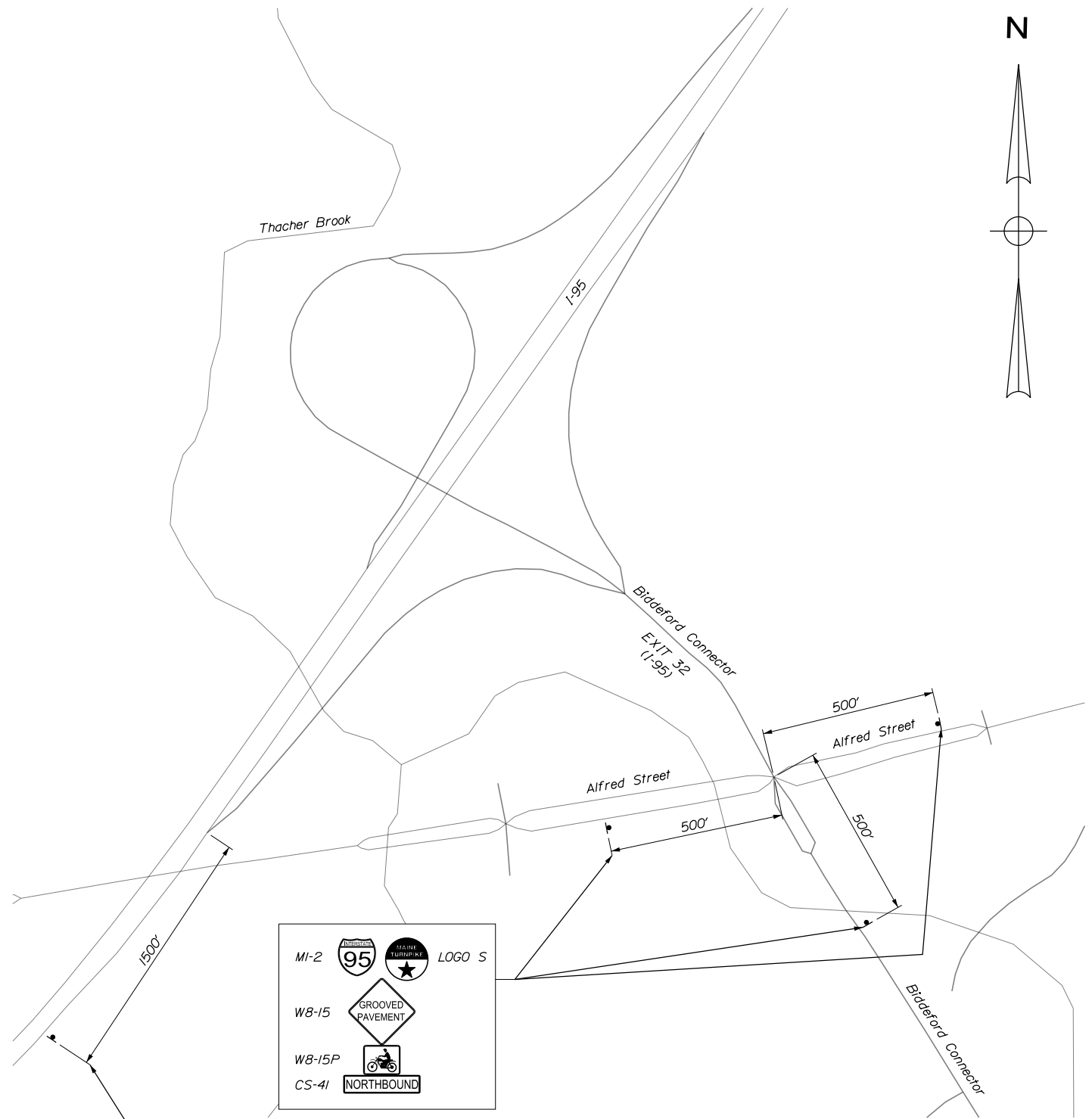
**THE GOLD STAR MEMORIAL HIGHWAY**  
 MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION  
 AND SAFETY IMPROVEMENTS  
 TRAFFIC CONTROL  
 ADVANCED SIGNING LOCATIONS (1 OF 2)  
 SHEET NUMBER: M-9  
 CONTRACT: 2020.01  
 16 OF 21



Date: 12/23/2019

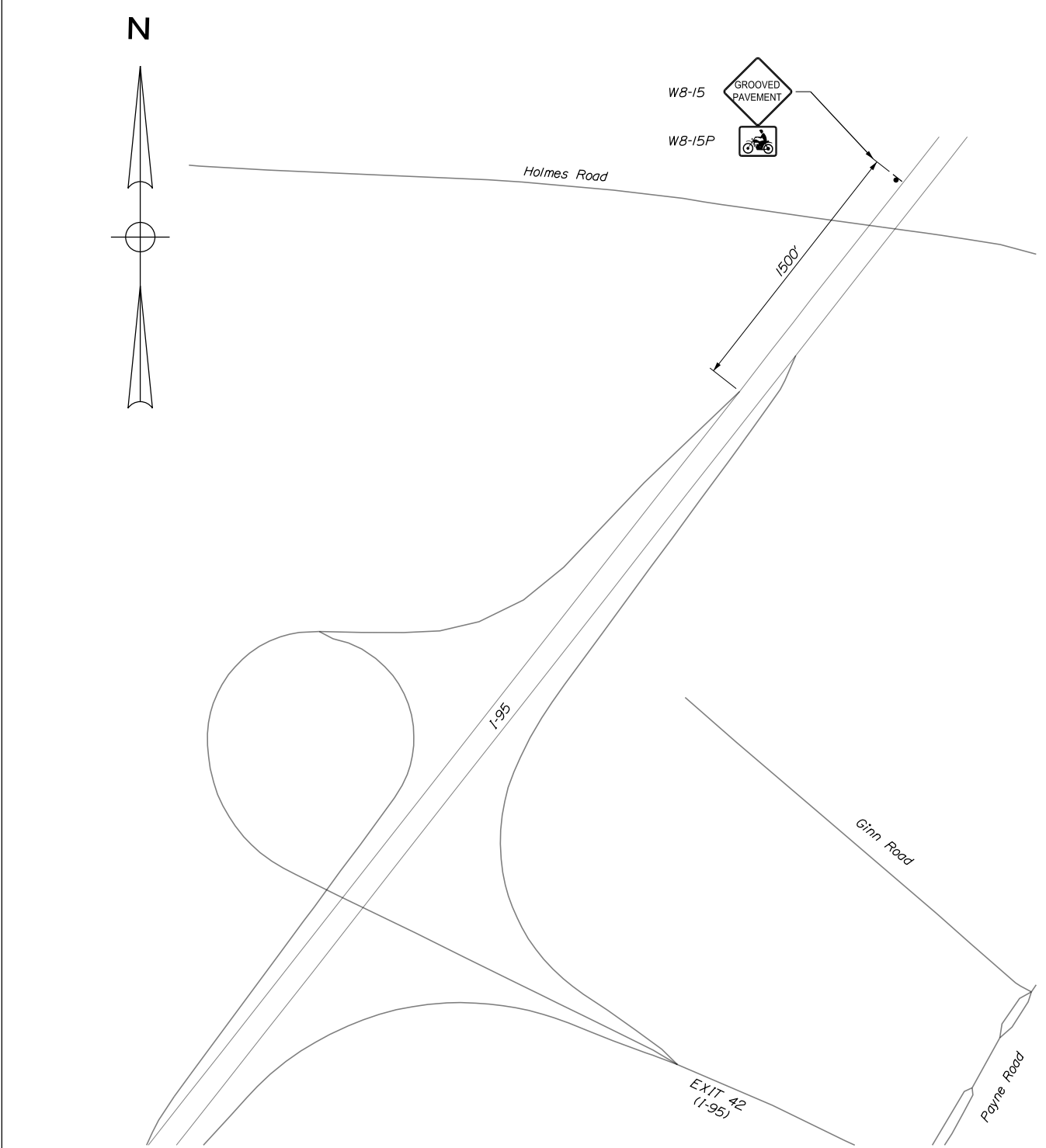
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MI-2 LOGO S  
 W8-15 GROOVED PAVEMENT  
 W8-15P W8-15P  
 CS-41 NORTHBOUND

**EXIT 32 ADVANCED SIGNING  
LOCATIONS FOR MILLING  
AND PAVING OPERATIONS**

**NOTES:**  
 FOR ALL ADVANCED SIGNING LOCATIONS, ADVANCED WARNING SIGNS SHALL BE PLACED COVERED 24 HOURS IN ADVANCED OF ANY MAINLINE WORK THAT WILL INVOLVE MILLED SURFACES, UNCOVERED BEFORE BEGINNING OF WORK, AND SHALL BE REMOVED OR COVERED WHEN NO MILLED SURFACE IS PRESENT.



**EXIT 42 ADVANCED SIGNING  
LOCATIONS FOR MILLING  
AND PAVING OPERATIONS**

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

**TYLIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date	
Designed	TWA	12/2019	Checked	TSK	12/2019
Drawn	TWA	12/2019	In Charge of	JOF	12/2019

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**THE GOLD STAR MEMORIAL HIGHWAY**






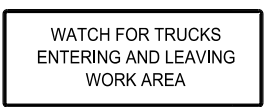

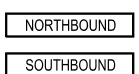
MTA PROJECT MANAGER: Ralph C. Norwood, IV



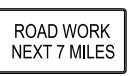
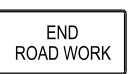
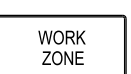





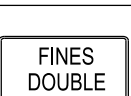
PAVEMENT REHABILITATION  
 AND SAFETY IMPROVEMENTS  
 TRAFFIC CONTROL  
 ADVANCED SIGNING LOCATIONS (2 OF 2)

SHEET NUMBER: M-10  
 CONTRACT: 2020.01  
 17 OF 21

Date: 12/23/2019

Filename: ...012-014\_MOT\_Sign\_Summary.dgn

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			
CS-1	48"	36"		8" 8"	6"		4	ORANGE	BLACK		12.00 (48)	
CS-3	48"	48"		6" 6" 6"	4" 4"		8	ORANGE	BLACK		16.00 (128)	
CS4-9P	36"	48"		7" 7" 7"	5.25" 5.25"		10	ORANGE	BLACK		12.00 (120)	
CS-11	48"	48"		6" 6" 6"	4" 4"		10	ORANGE	BLACK		16.00 (160)	
CS-19	48"	48"		6" 6" 6"	4" 4"		2	ORANGE	BLACK		16.00 (32)	
CS-33	96"	36"		6" 6" 6"	4" 4"		4	ORANGE	BLACK		24.00 (96)	
CS-38	48"	48"		6" 6" 6"	4" 4"		2	ORANGE	BLACK		16.00 (32)	
CS-41 (NORTH) (SOUTH)	96"	18"		8C	5" 5"		6 6	ORANGE	BLACK		12.00 (72) 12.00 (72)	

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" - 2009 & 2012 SUPPLEMENT			2	GREEN	WHITE		30.00 (60)	
E5-2 (OPEN) (OPEN AHEAD)	60"	48"					2 2	ORANGE	BLACK		20.00 (40) 20.00 (40)	
G20-1	48"	24"					4	ORANGE	BLACK		8.00 (32)	
G20-2	48"	24"					4	ORANGE	BLACK		8.00 (32)	
G20-5aP	48"	24"					8	ORANGE	BLACK		8.00 (64)	
MI-2	24"	24"					9	RED/ BLUE	WHITE		4.00 (36)	
M3-3	24"	12"					2	WHITE	BLACK		2.00 (4)	
RI-1	48"	48"					2	RED	WHITE		16.00 (32)	
RI-2	60"	60"					2	WHITE	RED		12.50 (25)	
R2-1	48"	60"					8	WHITE	BLACK		20.00 (160)	
R2-6aP	48"	24"					8	WHITE	BLACK		8.00 (64)	

Scale: NOT TO SCALE

No.	Revision	By	Date


Designed by:

**TY-LIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date		By	Date
Designed	TWA	10/2019	Checked	TSK	12/2019
Drawn	TWA	10/2019	In Charge of	JOF	12/2019

T.Y. Lin International  
 12 Northbrook Drive  
 Building A, Suite One  
 Falmouth, Maine 04105  
 TEL: (207) 781-4721  
 FAX: (207) 781-4753



**THE GOLD STAR  
MEMORIAL HIGHWAY**


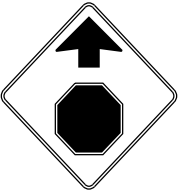
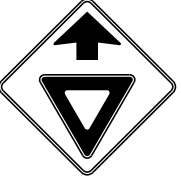

MTA PROJECT MANAGER: Ralph C. Norwood, IV


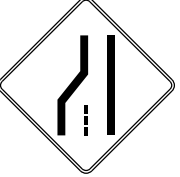

PAVEMENT REHABILITATION  
AND SAFETY IMPROVEMENTS

MAINTENANCE OF TRAFFIC  
SIGN SUMMARY (1 OF 3)

SHEET NUMBER: M-11  
CONTRACT: 2020.01  
18 OF 21

Date: 12/23/2019

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			
R2-12	36"	54"	END WORK ZONE SPEED LIMIT				8	WHITE	BLACK		13.5 (108)	
W1-4 (RIGHT) (LEFT)	48"	48"					2	ORANGE	BLACK		16.00 (32)	
							2				16.00 (32)	
W3-1	48"	48"					2	ORANGE	BLACK		16.00 (32)	
W3-2	48"	48"					2	ORANGE	BLACK		16.00 (32)	
W3-4	48"	48"	BE PREPARED TO STOP				8	ORANGE	BLACK		16.00 (128)	
W3-5	48"	48"					8	ORANGE	BLACK		16.00 (128)	

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			
W4-1	48"	48"					2	ORANGE	BLACK		16.00 (32)	
W4-2 (LEFT) (RIGHT)	48"	48"					8	ORANGE	BLACK		16.00 (128)	
							8				16.00 (128)	
W8-11	48"	48"	UNEVEN LANES				10	ORANGE	BLACK		16.00 (160)	
W8-15	48"	48"	GROOVED PAVEMENT				16	ORANGE	BLACK		16.00 (256)	
W8-15P	30"	24"					16	ORANGE	BLACK		5.00 (80)	
W16-9p	24"	12"	AHEAD				2	ORANGE	BLACK		2.00 (4)	

Filename: ...012-014\_MOT\_Sign\_Summary.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

**TY-LIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date	By	Date	
Designed	TWA	10/2019	Checked	TSK	12/2019
Drawn	TWA	10/2019	In Charge of	JOF	12/2019

T.Y. Lin International  
 12 Northbrook Drive  
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 Falmouth, Maine 04105  
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**THE GOLD STAR MEMORIAL HIGHWAY**

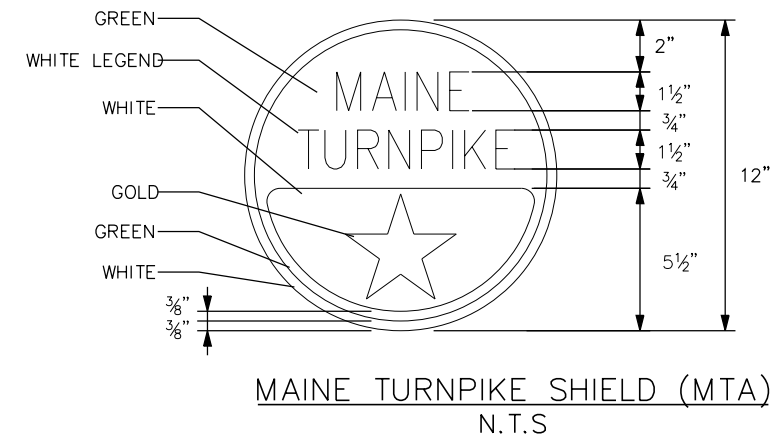
MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS  
 MAINTENANCE OF TRAFFIC SIGN SUMMARY (2 OF 3)

SHEET NUMBER: M-12  
 CONTRACT: 2020.01  
 19 OF 21

Date: 12/23/2019

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			
W20-1 (1 MILE) (AHEAD)	48"	48"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" - 2009 & 2012 SUPPLEMENT			8 7	ORANGE	BLACK		16.00 (128) 16.00 (112)	
W20-5 (LEFT 1/2 MILE) (RIGHT 1/2 MILE) (RIGHT AHEAD)	48"	48"					4 4 2	ORANGE	BLACK		16.00 (64) 16.00 (64) 16.00 (32)	
W20-5a (LEFT) (RIGHT)	48"	48"					4 4	ORANGE	BLACK		16.00 (64) 16.00 (64)	
LOGO S	24"	24"		SEE DETAIL			9	SEE DETAIL			4.00 (36)	



Filename: ...012-014\_MOT\_Sign\_Summary.dgn

Scale:

No.	Revision	By	Date


Designed by:

**TY-LIN INTERNATIONAL**

CONSULTANT PROJECT MANAGER: Jim Ferguson

	By	Date		By	Date
Designed	TWA	10/2019	Checked	TSK	12/2019
Drawn	TWA	10/2019	In Charge of	JOF	12/2019

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 12 Northbrook Drive  
 Building A, Suite One  
 Falmouth, Maine 04105  
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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph C. Norwood, IV

PAVEMENT REHABILITATION  
 AND SAFETY IMPROVEMENTS

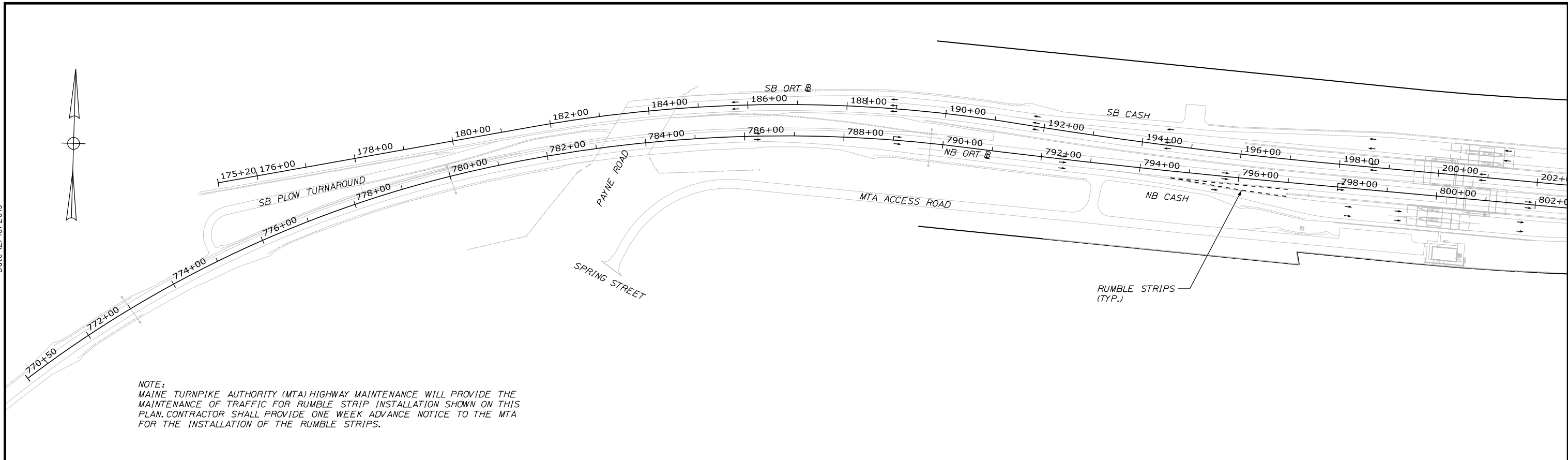
MAINTENANCE OF TRAFFIC  
 SIGN SUMMARY (3 OF 3)

SHEET NUMBER: M-13

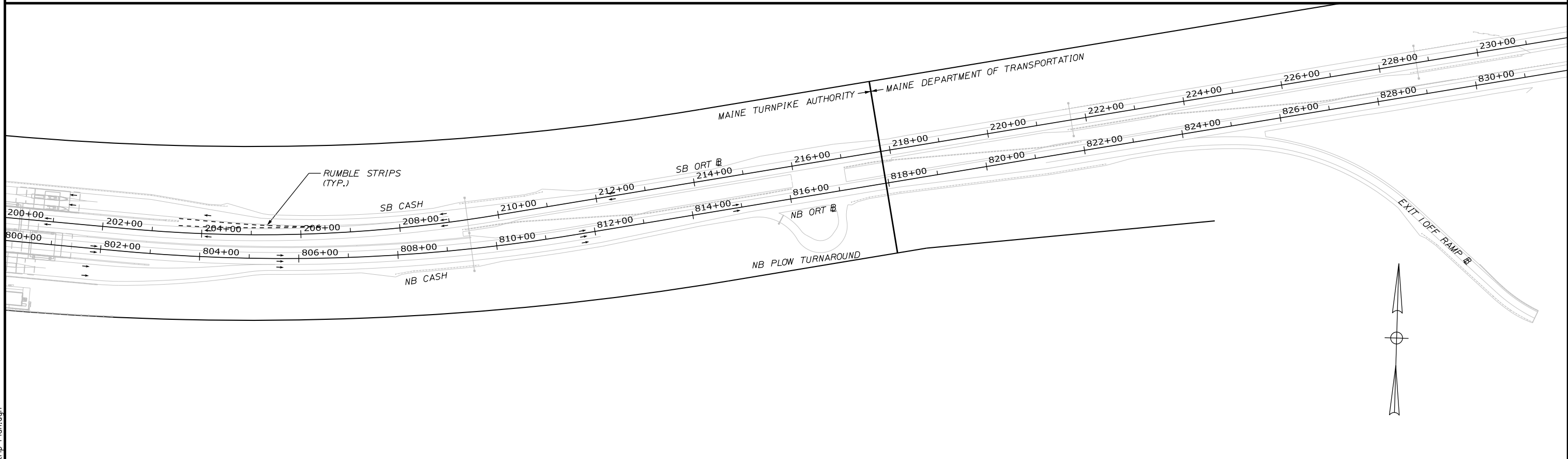
CONTRACT: 2020.01

20 OF 21

Date: 12/10/2019



NOTE:  
 MAINE TURNPIKE AUTHORITY (MTA) HIGHWAY MAINTENANCE WILL PROVIDE THE MAINTENANCE OF TRAFFIC FOR RUMBLE STRIP INSTALLATION SHOWN ON THIS PLAN. CONTRACTOR SHALL PROVIDE ONE WEEK ADVANCE NOTICE TO THE MTA FOR THE INSTALLATION OF THE RUMBLE STRIPS.



Filename: ...MSTA\_RumbleStrip\_Plan.dgn

Scale: 100 0 100 200  
 Scale of Feet

No.	Revision	By	Date

Designed by:

**Stantec**

CONSULTANT PROJECT MANAGER: GREG EDWARDS, PE

	By	Date	Checked	By	Date
Designed	EJB	12/2019	Checked	LEM	12/2019
Drawn	EJB	12/2019	In Charge of	GAE	12/2019

STANTEC CONSULTING SERVICES INC.  
 482 PAYNE ROAD  
 SCARBOROUGH, ME 04074  
 TEL (207) 887-3448  
 FAX (207) 883-3376

**MAINE TURNPIKE**

**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RALPH C. NORWOOD, IV, PE, PTOE

PAVEMENT REHABILITATION AND SAFETY IMPROVEMENTS

RUMBLE STRIP LAYOUT PLAN

SHEET NUMBER: A-1

CONTRACT: 2020.01

21 OF 21