

# STATE OF MAINE DEPARTMENT OF TRANSPORTATION

PLANS PREPARED BY:  
 157 Capital Street  
 Augusta, Maine 04333



## BATH SAGADAHOC COUNTY PAUL DAVIS MEMORIAL BRIDGE HIGH STREET OVER US ROUTE 1

FEDERAL AID PROJECT NO. 2228000  
 PROJECT LENGTH 0.05 mi.  
 BRIDGE NO. 3837

### INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Estimated Quantities and General Construction Notes	2
General Plan and Elevation	3
Roadway Plans	4
Typical Bridge Section	5
Phased Construction Sections	6
Superstructure Underside Repairs	7
Substructure Repairs	8
Traffic Control Plan Bridge Plan - Phase 1	9
Traffic Control Plan Bridge Plan - Phase 2	10
Temporary Signal Plan	11
Traffic Control Plan Regional Plan	12
Traffic Control Plan Downtown Plan	13
Traffic Control Plan Notes and Sign Summary	14

### SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Eighth Edition 2017

### TRAFFIC DATA

Current (2018) AADT	8120(2020)
Future (2038) AADT	8930(2040)
DHV - % of AADT	12%
Design Hour Volume	1072
% Heavy Trucks (AADT)	5%
% Heavy Trucks (DHV)	3%
Directional Distribution (DHV)	58%
18 kip Equivalent P 2.0	222
18 kip Equivalent P 2.5	212
Design Speed (mph)	25
Functional Class	Major Urban Collector
Highway Corridor Priority	3

### MATERIALS

Concrete	Class "A"
Reinforcing Steel	ASTM A 615/A 615M, Grade 60

### BASIC DESIGN STRESSES

Concrete Class "A"	f 'c = 4,000 psi
Reinforcing Steel	f y = 60,000 psi

### UTILITIES

Central Maine Power  
 Spectrum  
 Bath Water District  
 Bath Public Works  
 Consolidated Communications

### MAINTENANCE OF TRAFFIC

Detour Southbound while maintaining Northbound on the bridge in two phases. Traffic will not be interrupted on Route 1, except for the off ramps into and out of downtown under the viaduct.

Pedestrian traffic will be maintained during all phases of construction

<u>PROJECT LOCATION</u>	Bridge is located 0.10 miles north of Union Street. Bridge Coordinates of Latitude 43°54'38.11"N Longitude 69°49'12.12"W
<u>PROGRAM AREA</u>	Bridge Program
<u>OUTLINE OF WORK</u>	Bridge wearing surface replacement with substructure and superstructure repairs

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
DATE
COMMISSIONER
CHIEF ENGINEER

  
 SIGNATURE: *Robert S. Blunt*  
 P.E. NUMBER: 11158  
 DATE: March 31, 2020

PROJECT INFORMATION
PROGRAM
PROJECT MANAGER
DESIGNER
CONSULTANT
PROJECT RESIDENT
CONTRACTOR
PROJECT COMPLETION DATE

2228000  
 BATH  
 PAUL DAVIS MEMORIAL BRIDGE  
 TITLE SHEET

SHEET NUMBER  
**1**  
 OF 14

Date: 3/31/2020

Username: PDonovan

Division: BRIDGE

Filename: ... \BRIDGE\MSTAV001\_Title.dgn

WIN 22280.00

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.202	Removing Pavement Surface	630	SY
202.30	Removing Existing Concrete Wearing Surface (34 CY)	1	LS
203.20	Common Excavation	98	CY
304.10	Aggregate Subbase Course - Gravel	70	CY
403.2081	Hot Mix Asphalt - 12.5 mm (Polymer Modified)	52	TON
403.209	Hot Mix Asphalt - 9.5 mm (Sidewalks, Drives & Incidentals)	9	TON
403.2131	Hot Mix Asphalt - 12.5 mm (Base & Intermediate Course Polymer Modified)	6	TON
409.15	Bituminous Tack Coat, Applied	20	GAL
502.29	Structural Concrete Wearing Surface on Bridges (34 CY)	1	LS
502.291	Saw Cut Grooving (3700 SF)	1	LS
503.12	Reinforcing Steel, Fabricated and Delivered	100	LB
503.13	Reinforcing Steel, Placing	150	LB
515.21	Protective Coating for Concrete Surfaces (630 SY)	1	LS
518.50	Repair of Upward Facing Surfaces- To Reinforcing Steel < 8 inches	380	SF
518.51	Repair of Upward Facing Surfaces- Below Reinforcing Steel < 8 inches	190	SF
518.60	Repair of Vertical Surfaces < 8 inches	56	SF
518.61	Repair of Vertical Surfaces ≥ 8 inches	1	CY
518.70	Repair of Overhead Surfaces < 8 inches	35	SF
526.301	Temporary Concrete Barrier, Type I (155 LF)	1	LS
527.33	Truck Mounted Attenuator	1	EA
527.34	Work Zone Crash Cushions	2	UNIT
604.18	Adjusting Manhole or Catch Basin to Grade	1	EA
608.26	Curb Ramp Detectable Warning Field	65	SF
609.11	Vert Curb Type I	4	LF
609.12	Vert Curb Type I - Circular	38	LF
609.23	Terminal Curb Type I	1	EA
609.232	Terminal Curb Type I - Circular	6	EA
615.07	Loam	3	CY
618.13	Seeding Method Number 1	1	UNIT
619.12	Mulch	1	UNIT
619.14	Erosion Control Mix	11	CY
627.18	12 Inch Solid White Pavement Marking Line	25	LF
627.733	4" White or Yellow Painted Pavement Marking Line	1000	LF
627.75	White or Yellow Pavement & Curb Marking	490	SF
627.78	Temporary 4" Painted Pavement Marking Line, White or Yellow	75	LF
629.05	Hand Labor, Straight Time	10	HR
631.12	All Purpose Excavator (Including Operator)	10	HR
631.172	Truck-Large (Including Operator)	10	HR
639.19	Field Office, Type B	1	EA
643.72	Temporary Traffic Signal: Middle Street	1	LS
652.312	Type III Barricades	6	EA
652.33	Drum	65	EA
652.34	Cone	50	EA
652.341	Temporary Flexible Delineator	35	EA
652.35	Construction Signs	765	SF
652.361	Maintenance of Traffic Control Devices	1	LS
652.38	Flaggers	235	HR
652.381	Traffic Officers	40	HR
652.41	Portable - Changeable Message Sign	2	EA
656.75	Temporary Soil Erosion and Water Pollution Control	1	LS
659.10	Mobilization	1	LS

**GENERAL CONSTRUCTION NOTES**

- All utility facilities shall be adjusted by the respective utilities unless otherwise noted. All utilities shown on the plans are approximate. The contractor shall verify all locations before beginning work. See Special Provision 104 for more information.
- In areas where the Resident directs the Contractor not to excavate to the subgrade line shown on the plans, payment for removing existing pavement, grubbing, shaping, ditching, and compacting the existing subbase and layers of new subbase 6 inches or less thick will be made under appropriate equipment rental items.
- Protective Coating for Concrete Surfaces shall be applied to the following areas:
  - All exposed surfaces of concrete sidewalks.
  - All exposed surfaces of concrete wearing surface
- Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>.
- The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.
- The bridge deck evaluation report of the existing bridge may be accessed at the MaineDOT web address. The report contains visual inspection information and deck core data of the bridge. There is no assurance that the information or data is a true representation of the conditions of the entire deck.
- Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:
  - If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.
  - If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.
  - If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation.
- Unless otherwise noted seeding method No. 1 shall be utilized on all disturbed areas.
- Loam shall be placed to a nominal depth of 4 inches in lawn areas and 2 inches in all other areas unless otherwise noted.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
2228000  
WIN  
22280.00  
BRIDGE NO. 3837  
HIGHWAY PLANS



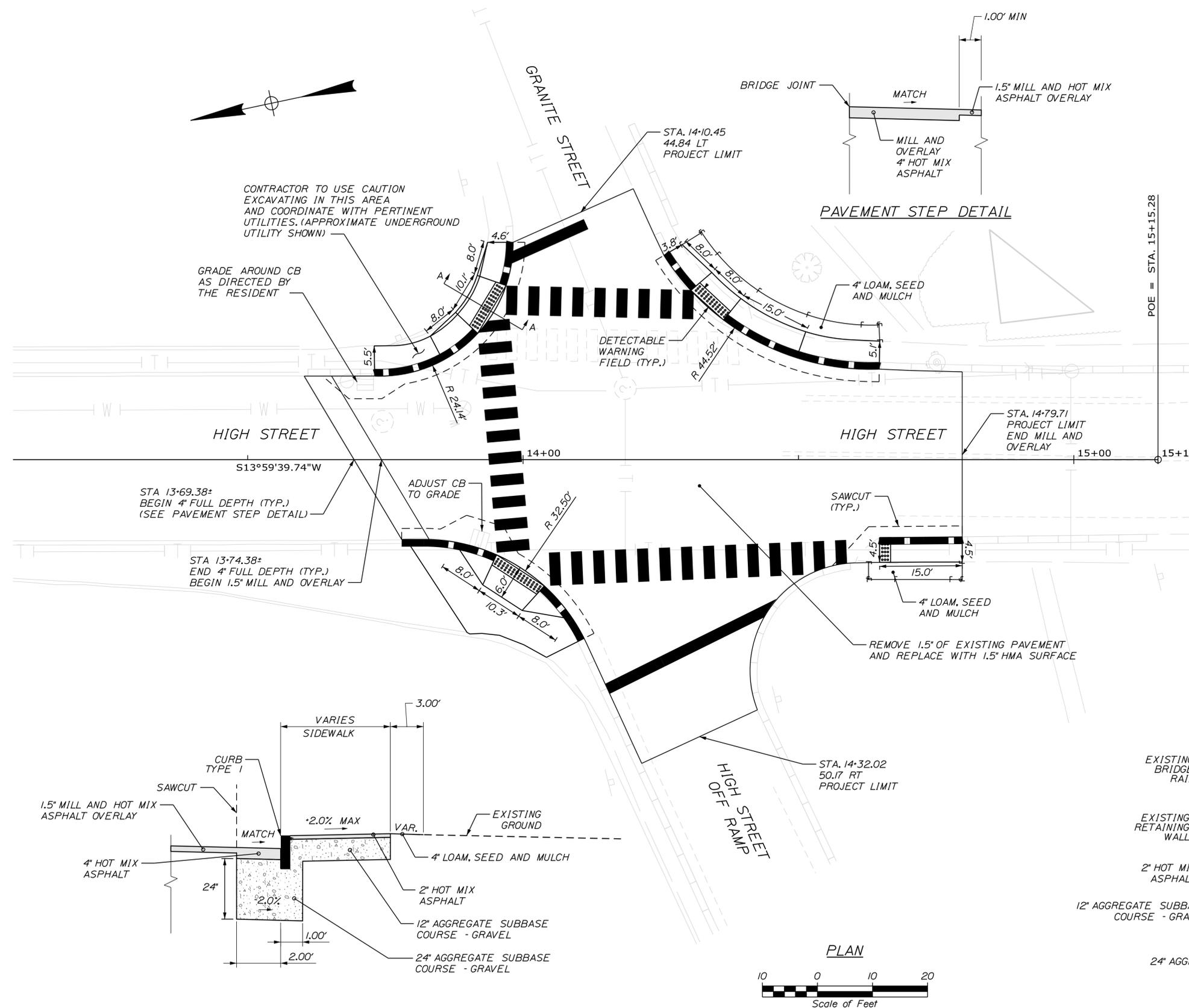
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DESIGN-DETAILED	BGP	DPD	3/31/2020
CHECKED-REVIEWED	EME	RSB	3/31/2020
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PAUL DAVIS MEMORIAL BRIDGE  
HIGH STREET OVER ROUTE 1  
BATH -----SAGADAHOC  
ESTIMATED QUANTITIES AND  
GENERAL CONSTRUCTION NOTES

SHEET NUMBER  
2  
OF 14



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**CONSTRUCTION NOTES:**

**ITEM 604.18 - ADJUST MH OR CB TO GRADE**

STATION	OFFSET	QUANTITY (EA)
13+71.35	14.06 LT	1.0

**ITEM 608.26 - CURB RAMP DETECTABLE WARNING FIELD**

STATION	OFFSET	QUANTITY (SF)
13+94.37	27.2 LT	19.4
13+99.51	20.0 RT	20.1
14+36.46	28.0 LT	15.6
14+64.71	16.4 RT	9.0

**ITEM 609.11 - VERTICAL CURB TYPE 1**

STATION	OFFSET	QUANTITY (LF)
13+77.94 TO 13+81.93	14.5 TO 14.4 RT	4.0

**ITEM 609.12 - VERTICAL CURB TYPE 1 - CIRCULAR**

STATION	OFFSET	RADIUS	QUANTITY (LF)
13+73.05 TO 13+85.42	15.2 TO 18.0 LT	24.1	12.8
13+81.93 TO 13+87.54	14.5 TO 14.9 RT	32.5	5.6
14+09.05 TO 14+11.06	28.9 TO 32.4 RT	32.5	4.0
14+49.63 TO 14+64.66	18.5 TO 16.4 LT	44.5	15.2

**ITEM 609.23 - TERMINAL CURB TYPE 1**

STATION	OFFSET	LENGTH	QUANTITY (EA)
14+64.71 TO 14+79.71	14.1 TO 14.0 RT	15.0	1.0

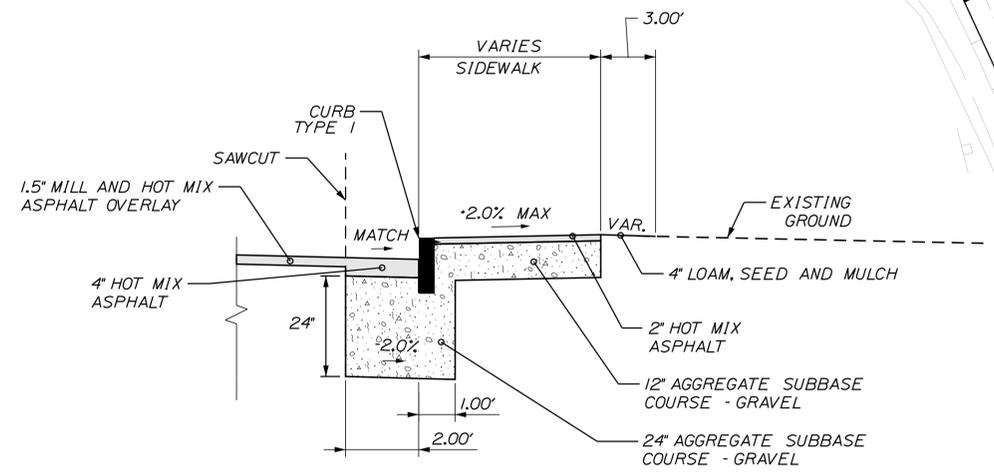
**ITEM 609.232 - TERMINAL CURB TYPE 1 - CIRCULAR**

STATION	OFFSET	RADIUS	LENGTH	QUANTITY (EA)
13+85.42 TO 13+91.73	18.0 TO 22.9 LT	24.1	8.0	1.0
13+97.00 TO 13+98.17	31.5 TO 39.4 LT	24.1	8.0	1.0
13+87.54 TO 13+95.26	14.9 TO 17.3 RT	32.5	8.0	1.0
14+03.84 TO 14+09.05	22.9 TO 28.9 RT	32.5	8.0	1.0
14+25.56 TO 14+30.53	37.0 TO 30.7 LT	44.5	8.0	1.0
14+36.39 TO 14+49.63	25.3 TO 18.5 LT	44.5	15.0	1.0

**NOTES:**

1. PEDESTRIAN RAMP DIMENSIONS ARE POSITIONED FOR CLARITY. ACTUAL MEASUREMENTS ARE ALONG FACE OF CURB.

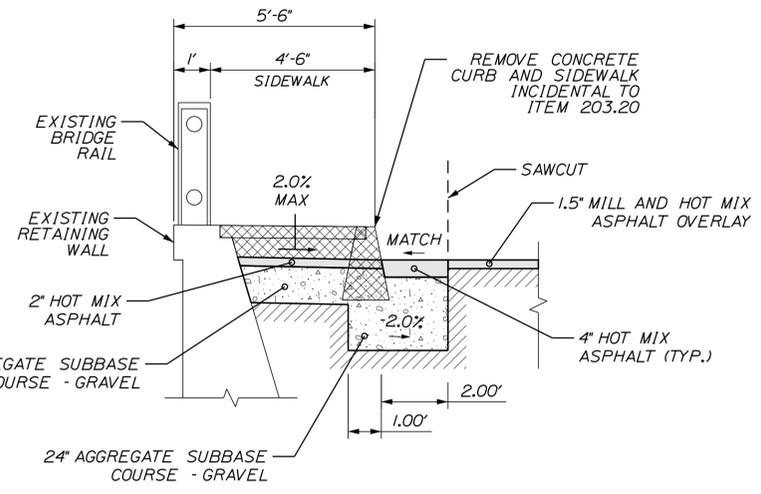
**SIDEWALK RECONSTRUCTION TYPICAL SECTION**



**PLAN**



**SIDEWALK SECTION A-A**



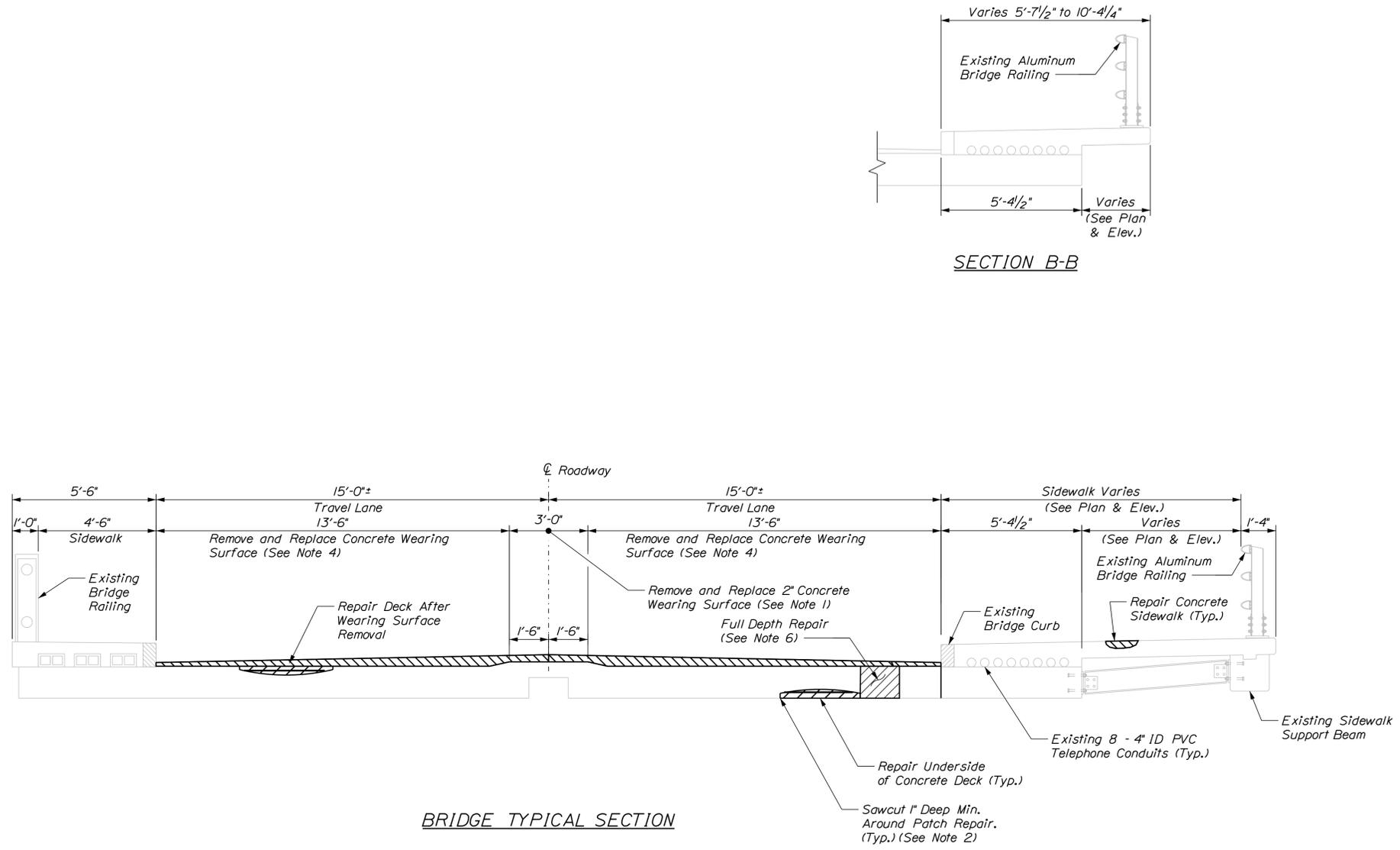
STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 2228000  
 WIN  
 22280.00  
 BRIDGE NO. 3837  
 BRIDGE PLANS



DATE	BY	PROJ. MANAGER	DESIGN DETAIL	CHECKED	REVIEWED	DESIGN DETAIL	DESIGN DETAIL	REVISIONS	REVISIONS	REVISIONS	FIELD CHANGES
3/31/2020	JBD	M. KERSBERGEN	JBD	JBD	RSB						
3/31/2020	RSB										

PAUL DAVIS MEMORIAL BRIDGE  
 HIGH STREET OVER ROUTE 1  
 SAGADAHOC  
 BATH  
 ROADWAY PLANS

SHEET NUMBER  
 4  
 OF 14



BRIDGE TYPICAL SECTION

**Notes:**

1. Contractor shall remove concrete wearing surface down to the top of the concrete arch within 1'-6" to either side of the bridge centerline using hand methods.
2. Contractor shall field verify reinforcement depth before saw cutting to avoid damaging existing reinforcement.
3. Contractor shall perform topographic survey of the deck so that the proposed wearing surface can be installed to the existing lines and grades. This work shall be incidental to item 502.29 Structural Concrete Wearing Surface on Bridges.
4. Concrete wearing surface varies from 1 1/2" to 4 1/2".
5. See General Plan and Elevation Sheet for the location of Section B-B
6. When full depth repairs are required, the Contractor shall provide steel plates to cover all full depth penetrations when workers are not present on the High Street bridge. The cost for furnishing, placing, resetting, and removing steel plates shall be incidental to Item 652.361 Maintenance of Traffic Control Devices.

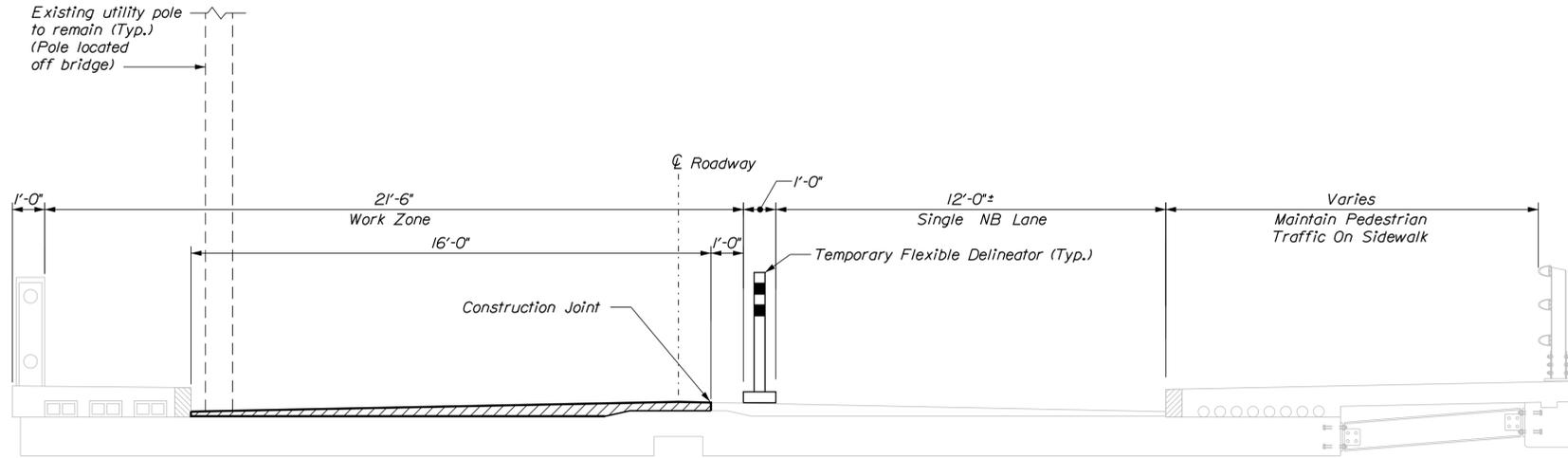
STATE OF MAINE	BRIDGE NO. 3837
DEPARTMENT OF TRANSPORTATION	WIN
2228000	22280.00
	BRIDGE PLANS



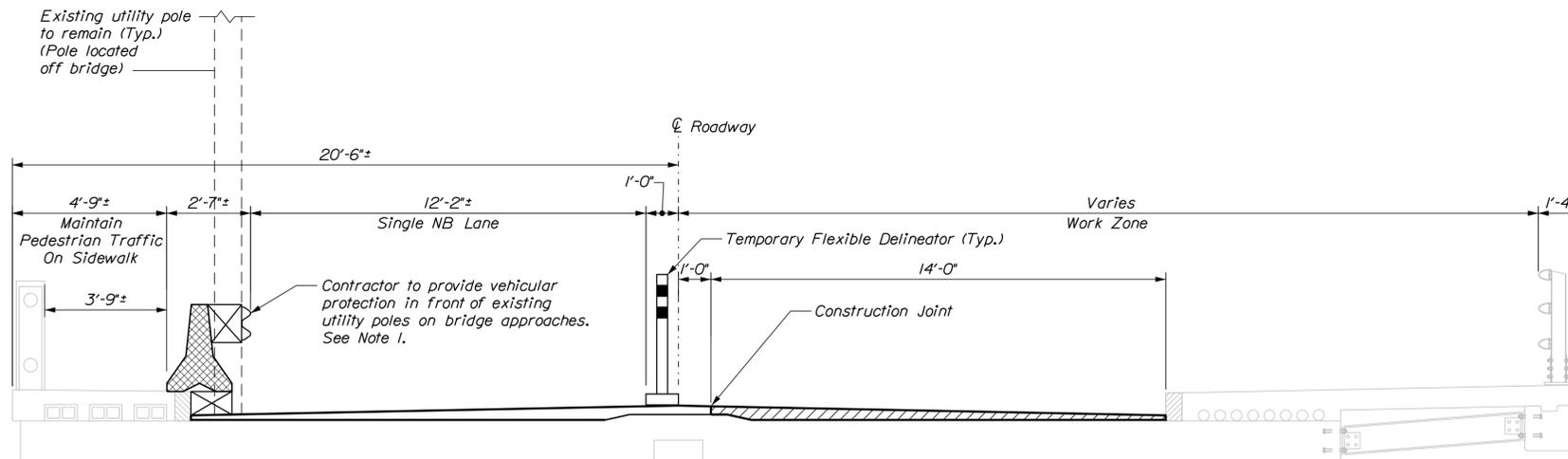
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CHECKED-REVIEWED	EME		RSB
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

PAUL DAVIS MEMORIAL BRIDGE  
 HIGH STREET OVER ROUTE 1  
 BATH SAGADAHOC  
 TYPICAL BRIDGE SECTION

SHEET NUMBER	5
OF 14	



PHASE 1



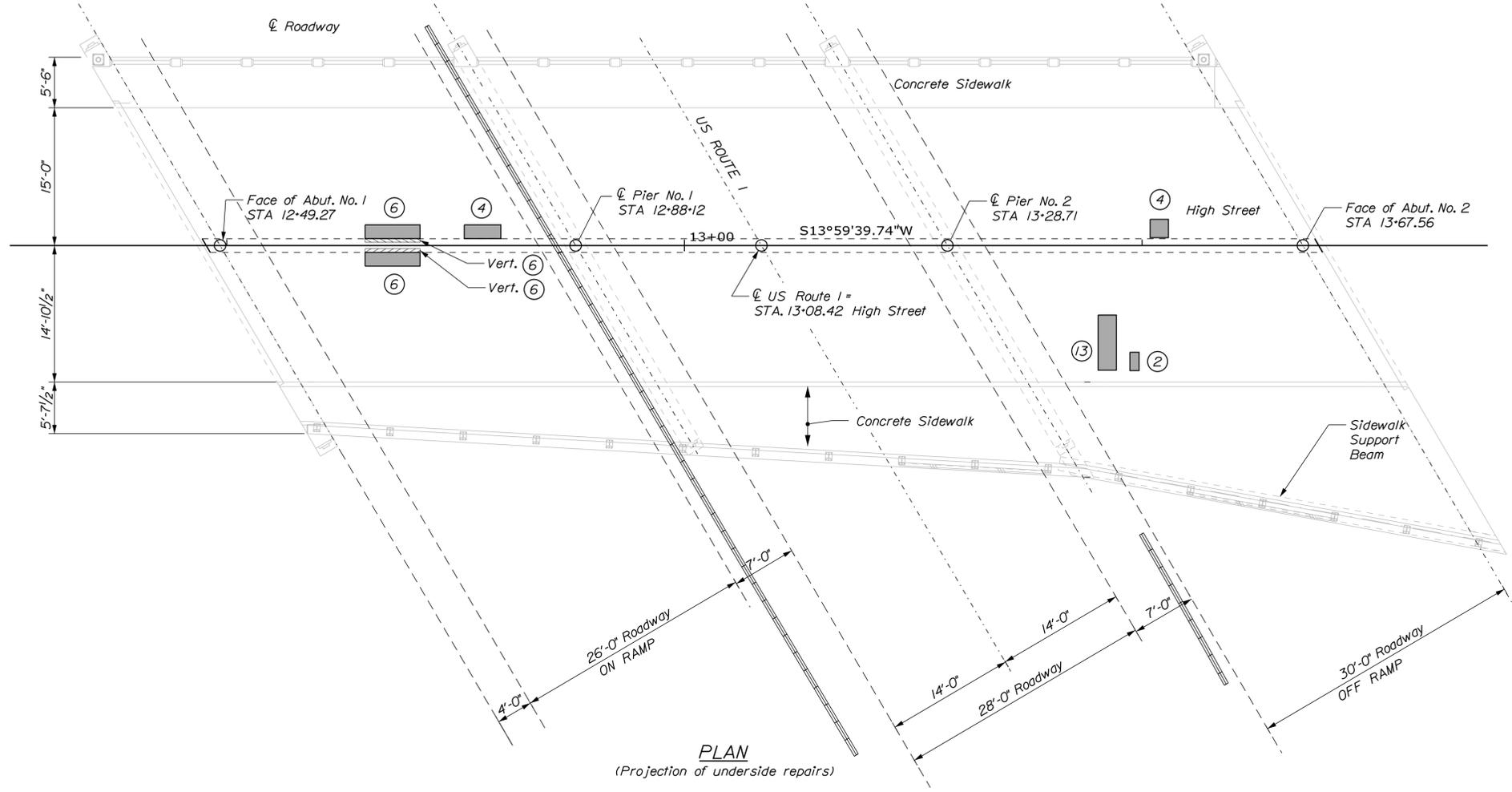
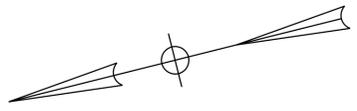
PHASE 2

**NOTE:**  
 1. Vehicular protection shall be incidental to the related contract items.



PROJ. MANAGER	M. KERSBERGEN	BY	DATE
DESIGN-DETAILED	BGP	DPD	3/31/2020
CHECKED-REVIEWED	EME	RSB	3/31/2020
DESIGN/2-DETAILED/2			
DESIGN/3-DETAILED/3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PAUL DAVIS MEMORIAL BRIDGE  
 HIGH STREET OVER ROUTE 1  
 BATH SAGADAHO  
**PHASED  
 CONSTRUCTION SECTIONS**



**PLAN**  
(Projection of underside repairs)

- KEY**
- Repair of Vertical Surfaces < 8in
  - Repair of Overhead Surfaces < 8in
  - Square Foot of Repair

**CONCRETE REPAIR NOTE**

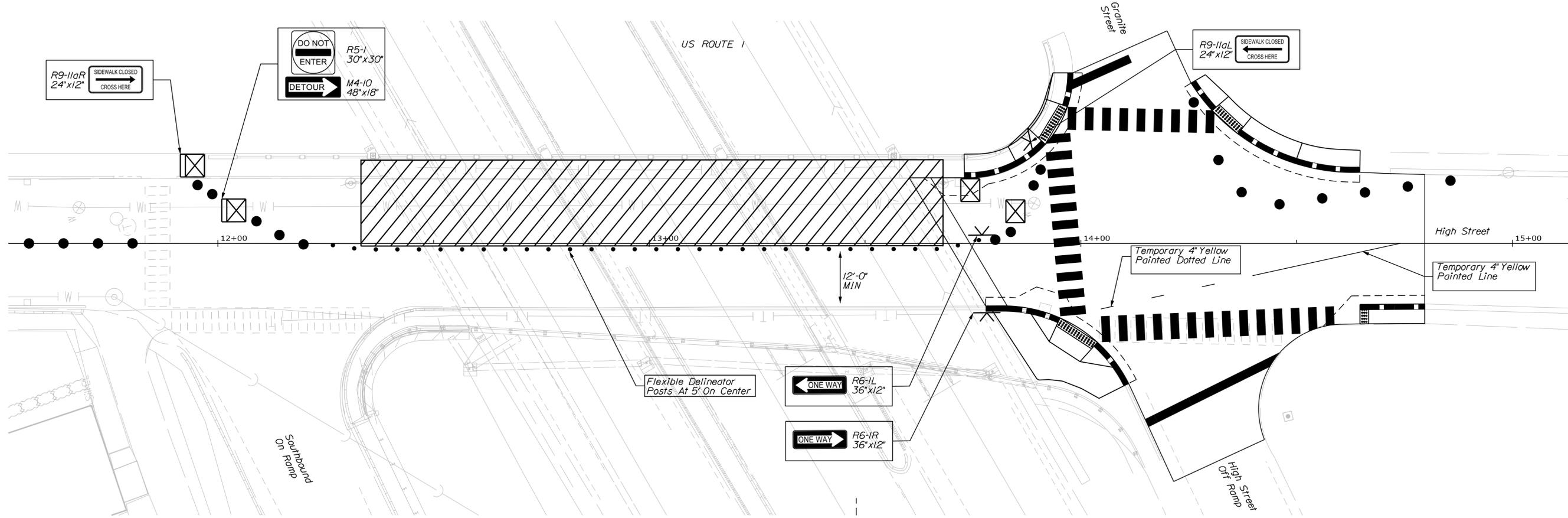
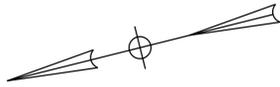
1. The repair quantities shown in these plans are approximate and are based on limited field inspections completed in February 2018. Prior to the start of any concrete repairs, the Resident and Contractor shall jointly inspect all concrete surfaces and agree on repair limits. Estimated repair quantities may be increased or decreased at the Resident's discretion.



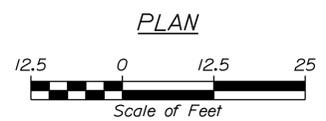
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DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PAUL DAVIS MEMORIAL BRIDGE  
HIGH STREET OVER ROUTE 1  
SAGADAHOC  
BATH  
**SUPERSTRUCTURE  
UNDERSIDE REPAIRS**





LEGEND	
●	Channelization Device
⊗	Easel Mounted Sign
⊠	Type 3 Barricade With Sign
⊞	Type 3 Barricade



PROJ. MANAGER	M. KERSBERGEN	DATE
DESIGN/DETAILED	DJS	3/31/2020
CHECKED/REVIEWED	MDS	3/31/2020
DESIGN/2-DETAILED		
DESIGN/3-DETAILED		
REVISIONS		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

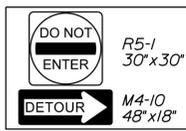
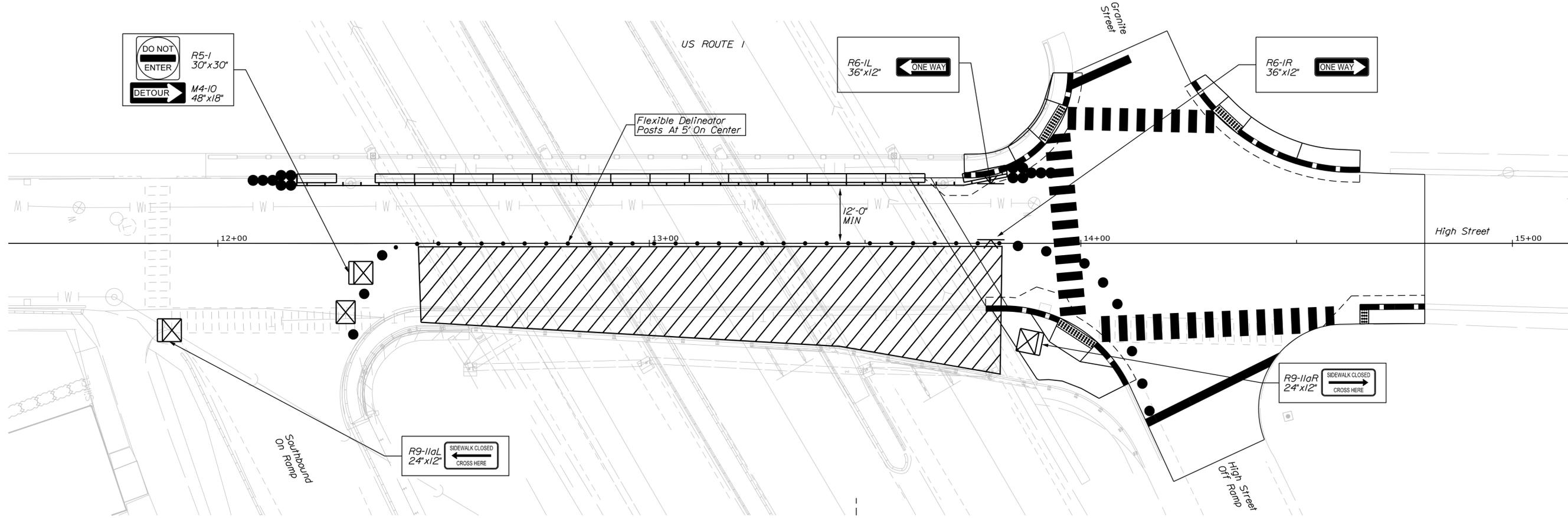
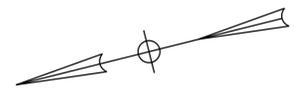
PAUL DAVIS MEMORIAL BRIDGE  
HIGH STREET OVER ROUTE 1  
BATH  
SAGADAHOC  
TRAFFIC CONTROL PLAN  
BRIDGE PLAN - PHASE 1

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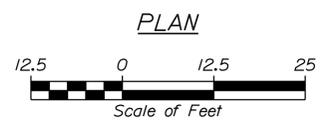
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User: PDonovan

Division: BRIDGE



LEGEND	
●	Channelization Device
⊗	Easel Mounted Sign
⊠	Type 3 Barricade With Sign
⊞	Type 3 Barricade



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BRIDGE PLANS



PROJ. MANAGER	M. KERSBERGEN	BY	DATE
DESIGN/DETAILED	DJS	JAR	3/31/2020
CHECKED/REVIEWED	MDS	RSB	3/31/2020
DESIGN/2-DETAILED/3			
DESIGN/3-DETAILED/3			
REVISIONS			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PAUL DAVIS MEMORIAL BRIDGE  
HIGH STREET OVER ROUTE 1  
BATH  
SAGADAHOC  
TRAFFIC CONTROL PLAN  
BRIDGE PLAN - PHASE 2

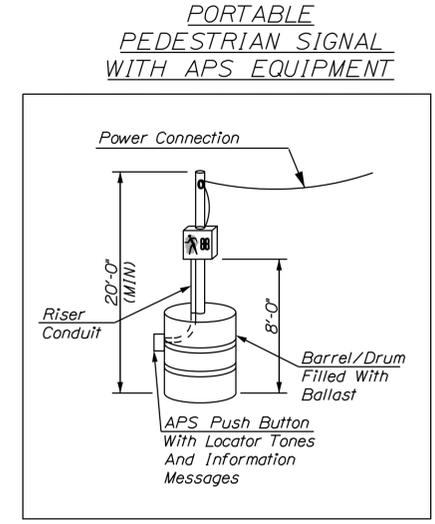
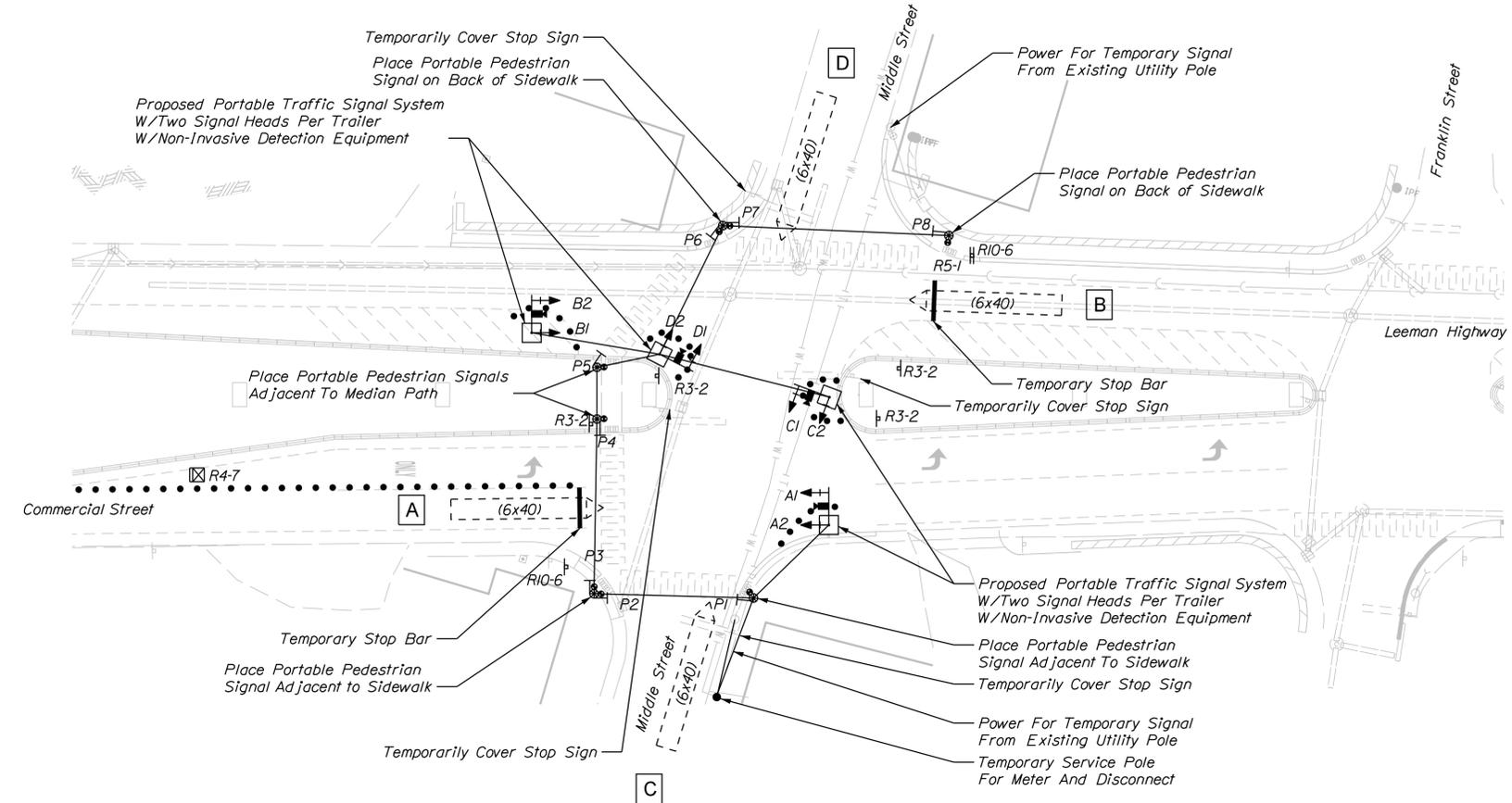
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Date: 3/31/2020

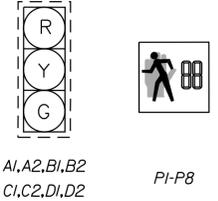
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Division: BRIDGE

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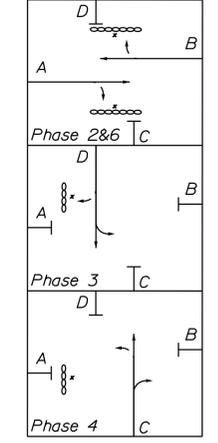


**PROPOSED INDICATIONS**



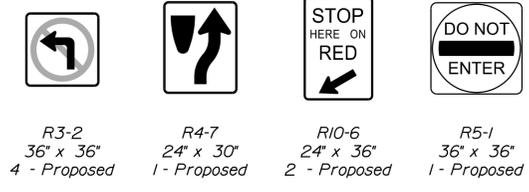
Note: All Vehicle Indications Shall Be 12" Light Emitting Diodes (Led's) With 5" Louvered Backplates

**PHASE DIAGRAM**



Where:  
— Protected Traffic Movement  
- - Permissive Traffic Movement  
∞∞∞ Concurrent APS Pedestrian Signal

**PROPOSED POST MOUNTED SIGNS**

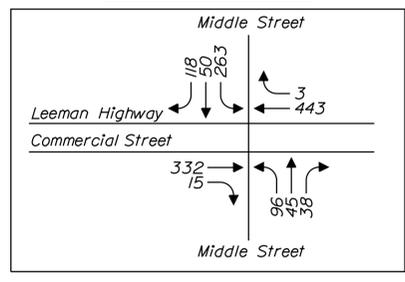


**SIGNAL TIMING**

	Phase 2	Phase 3	Phase 4	Phase 6
Min Green	10	10	10	10
Extension	2	2	2	2
Max 1	35	35	20	35
Max 2	-	-	-	-
Veh Clear	4	4	4	4
Red Clear	2	2	2	2
Walk	4	4	4	4
Ped Clear	8	10	11	16
Recall	OFF	OFF	OFF	OFF

The Contractor Shall Set Timings Of The Temporary Traffic Signal Per Timing Data Provided. Signal Timing Adjustments Shall Be Approved By The Resident And Accomplished As Directed By The Resident. Payment For All Signal Timing Adjustments Shall Be Incidental To The Temporary Traffic Signal System.

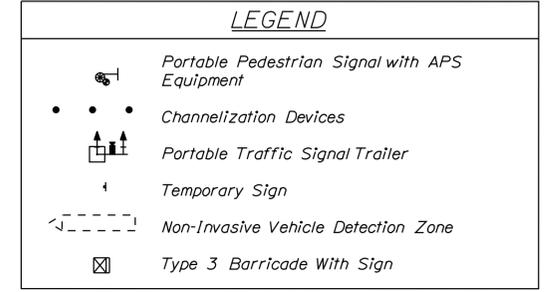
**2020 CONSTRUCTION DESIGN VOLUMES**



**CONSTRUCTION NOTES:**

1. Temporary Trailers That Are Located Under The Viaduct Shall Have Hard Wired Power.
2. Temporary Pedestrian Signals Shall Be Hardwired For Power.
3. All Locations Of Indications Shall Be Confirmed To Have Clear Sight Lines In The Field.
4. Contractor Shall Submit a Detail For The Proposed Portable Pedestrian Signal With APS Equipment For Approval As Part Of The Contractor's TCP Submission.
5. Remove Conflicting Pavement Markings Within The Signalized Intersection.

**PLAN**



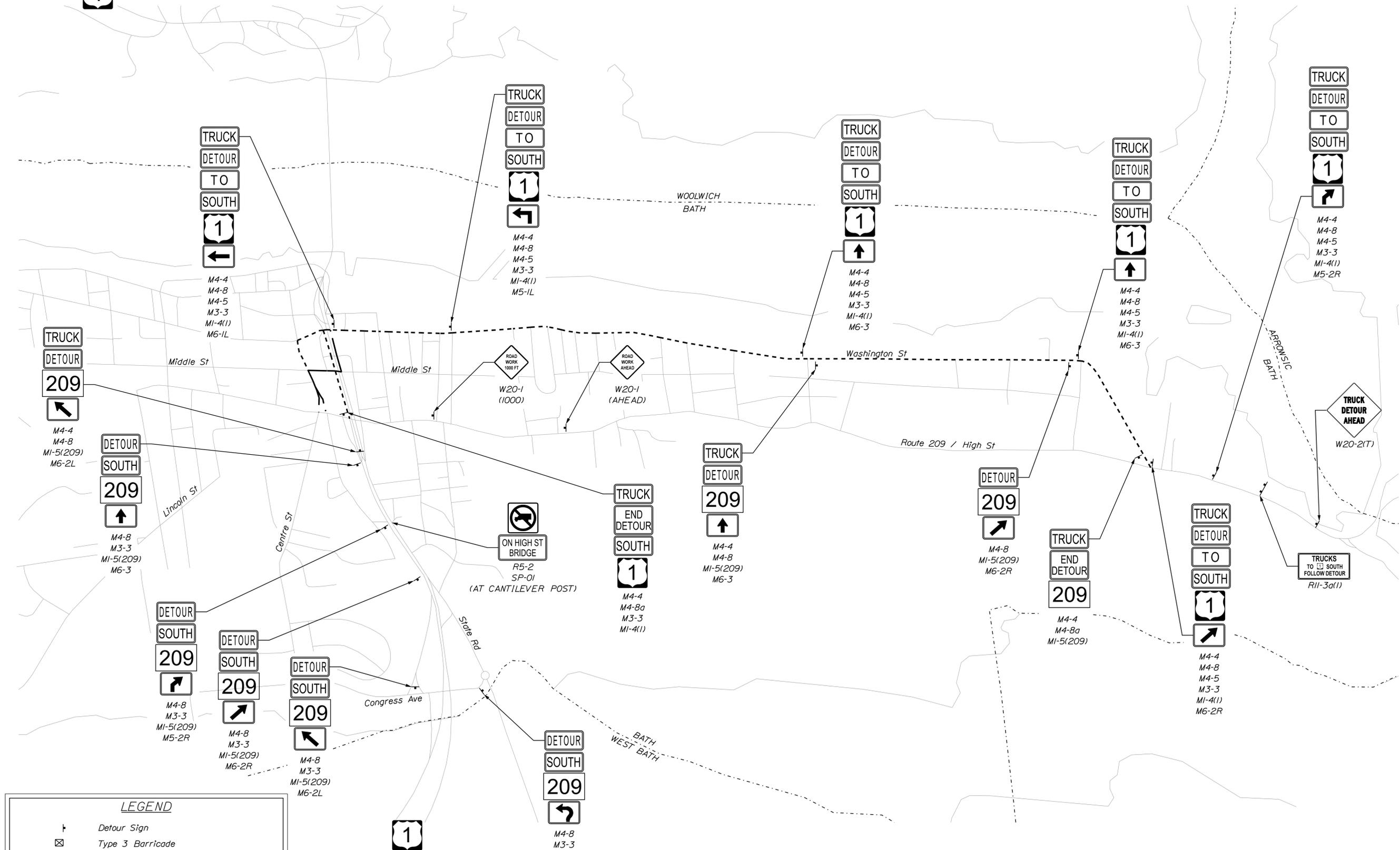
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
2228000  
WIN 22280.00  
BRIDGE NO. 3837  
BRIDGE PLANS

PAUL DAVIS MEMORIAL BRIDGE  
HIGH STREET OVER ROUTE 1  
BATH SAGADAHOC  
TEMPORARY SIGNAL PLAN

PROJ. MANAGER M. KERSBERGEN  
DATE  
BY  
DESIGN-DETAILED  
CHECKED-REVIEWED  
DESIGN-DETAILED2  
DESIGN-DETAILED3  
REVISIONS 1  
REVISIONS 2  
REVISIONS 3  
REVISIONS 4  
FIELD CHANGES

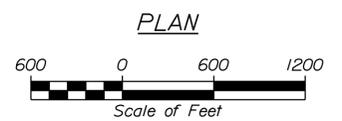
SHEET NUMBER  
**11**  
OF 14

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**LEGEND**

- Detour Sign
- Type 3 Barricade
- Type 3 Barricade with Sign
- Detour Route
- Truck Detour Route



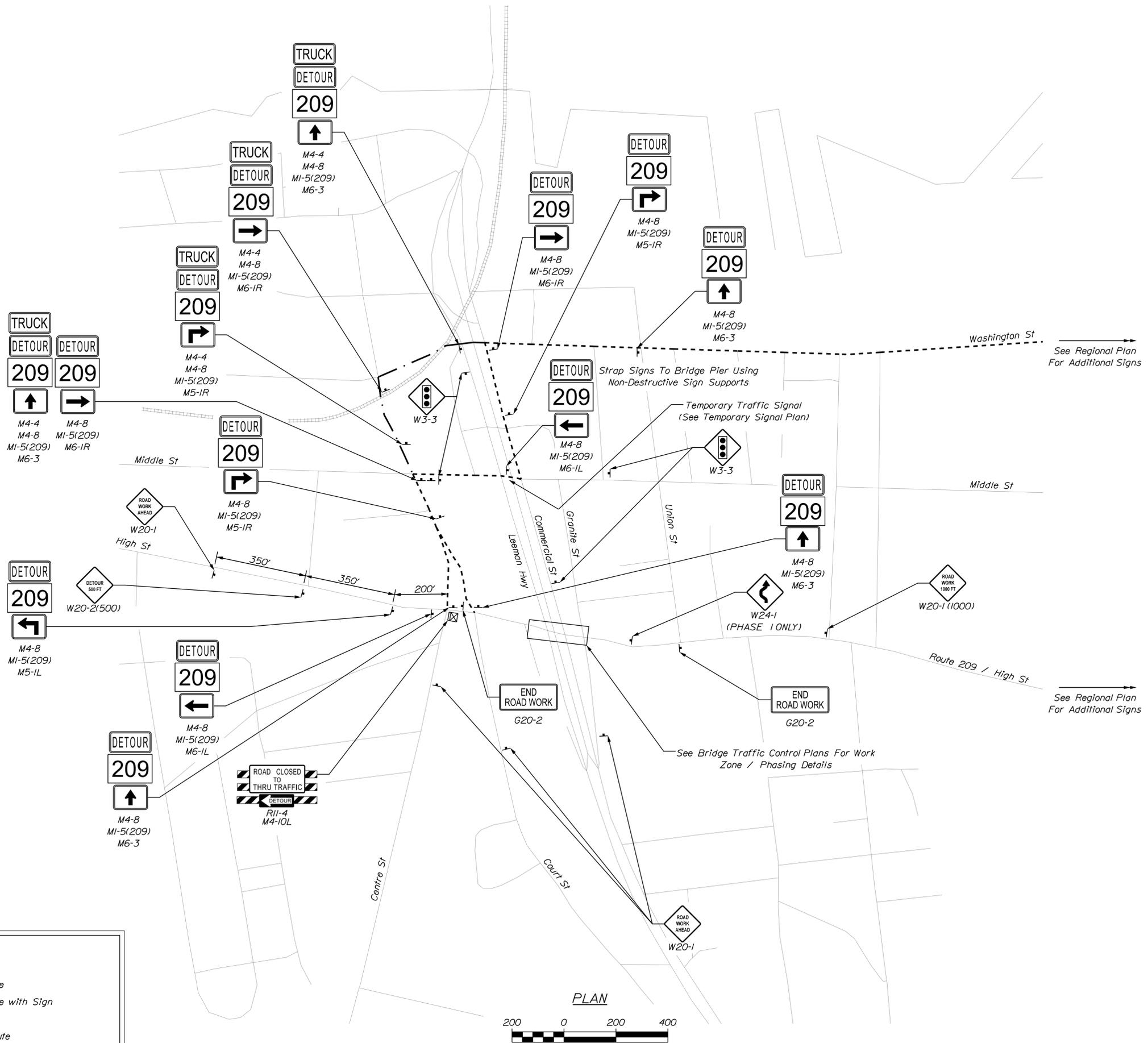
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	2228000 WIN 22280.00 BRIDGE NO. 3837
PROJ. MANAGER: M. KERSBERGEN DESIGN-DETAILED: DJS CHECKED-REVIEWED: MDS DESIGN-DETAILED: JAR CHECKED-REVIEWED: RSB	DATE: 3/31/2020 DATE: 3/31/2020
PAUL DAVIS MEMORIAL BRIDGE HIGH STREET OVER ROUTE 1 BATH SAGADAHOC <b>TRAFFIC CONTROL PLAN</b> <b>REGIONAL PLAN</b>	
SHEET NUMBER <span style="font-size: 2em; font-weight: bold;">12</span> OF 14	

Date: 3/31/2020

Username: PDonovan

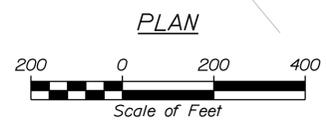
Division: BRIDGE

Filename: ... \MSTA013\_TCP-Detour\_02.dgn



**LEGEND**

- Detour Sign
- Type 3 Barricade
- Type 3 Barricade with Sign
- Detour Route
- Truck Detour Route



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
2228000  
WIN  
22280.00  
BRIDGE NO. 3837  
BRIDGE PLANS



DATE	BY	PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS
3/31/2020	JAR	M. KERSBERGEN	DJS	WDS		1
3/31/2020	RSB					2
						3
						4
						FIELD CHANGES

PAUL DAVIS MEMORIAL BRIDGE  
HIGH STREET OVER ROUTE 1  
BATH  
SAGADAHOC  
**TRAFFIC CONTROL PLAN**  
**DOWNTOWN PLAN**

SHEET NUMBER  
**13**  
OF 14

MAINTENANCE OF TRAFFIC GENERAL NOTES

- All traffic control equipment and layouts shall conform to the latest edition of the Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD), chapter 6. All traffic control signs, sign support structures, channelizing devices, flashing arrow panels (FAP), portable changeable message signs (PCMS), and other traffic control equipment along the roadside shall meet or exceed NCHRP 350 test level 3 (TL-3) requirements regardless of where implemented on the project.
- Any signs, equipment, or devices found to be damaged or unserviceable shall be replaced at the Contractor's expense.
- Contractor shall provide advanced notice of all changes in traffic patterns, to include lane closures, with PCMS at least seven working days prior to the implementation of the traffic pattern change. PCMS for bridge work shall be placed within 250 feet of the High Street Bridge.
- During bridge construction, the High Street on-ramp and off-ramp will require truck detours. However, the Contractor shall place temporary traffic control devices associated with the bridge work to minimize conflicts for trucks/large vehicles turning left from the High Street off-ramp and for trucks/large vehicles turning left onto the US Route 1 on-ramp.

Date: 3/31/2020

Username: PDonovan

Division: BRIDGE

Filename: ... \BRIDGE\MSTA\014\_TCP-Notes.dgn

DETOUR SIGN SUMMARY					
Sign	Text Dimensions (Inches)		Size	Quantity and Color	
	Letter Height	Vertical Spacing			
G20-2		SHSB	36"x18"	2 - Black on White	
M1-4(1)			24"x24"	7 - Black on White	
M1-5(209)			30"x24"	23 - Black on White	
M3-3			24"x12"	12 - Black on White	
M4-4			24"x12"	14 - Black on White	
M4-5			24"x12"	6 - Black on White	
M4-8			24"x12"	28 - Black on Orange	
M4-8a			24"x18"	2 - Black on Orange	
M5-1L			21"x15"	2 - Black on White	
M5-1R			21"x15"	3 - Black on White	
M5-2R			21"x15"	2 - Black on White	
M5-3			21"x15"	1 - Black on White	
M6-1L/R			21"x15"	6 - Black on White	
M6-2L			21"x15"	2 - Black on White	
M6-2R			21"x15"	3 - Black on White	
M6-3			21"x15"	10 - Black on White	
W3-3			48"x48"	4 - Black on Yellow/Red/Green	
W20-1 (AHEAD)			48"x48"	5 - Black on Orange	
W20-1 (1000)			48"x48"	1 - Black on Orange	
W20-2 (500)			48"x48"	1 - Black on Orange	
W20-2 (T)		7 7	5.3 5.3	48"x48"	1 - Black on Orange
W24-1		SHSB	48"x48"	1 - Black on Orange	

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

DETOUR SIGN SUMMARY					
Sign	Text Dimensions (Inches)		Size	Quantity and Color	
	Letter Height	Vertical Spacing			
M4-10L		SHSB	48"x18"	1 - Black on White	
M4-10R			48"x18"	1 - Black on White	
R5-1			30"x30"	1 - Red on White	
R5-2			36"x36"	1 - Black/Red on White	
R6-1L			36"x12"	1 - White on Black	
R6-1R			36"x12"	1 - White on Black	
R9-11aL			24"x12"	1 - Black on White	
R9-11aR			24"x12"	1 - Black on White	
R11-3a(1)		6 4/6 4	60"x30"	1 - Black on Orange	
R11-4		SHSB	60"x30"	1 - Black on White	
SP-01		4 4	8 8	36"x30"	1 - Black on White

TRAFFIC SIGNAL SIGNS				
Sign	Text Dimensions (Inches)	Size	Quantity and Color	
R3-2		SHSB	36"x36"	4 - Black/Red on White
R4-7			24"x30"	1 - Black on White
R10-6			24"x36"	2 - Black on White
R5-1			36"x36"	1 - Red on White

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.

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BRIDGE PLANS



PROJ. MANAGER	DATE
M. KERSBERGEN	3/31/2020
DJS	
JAR	
RSB	
MDS	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN-DETAILED2	
DESIGN-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

PAUL DAVIS MEMORIAL BRIDGE  
HIGH STREET OVER ROUTE 1  
BATH SAGADAHOC  
TRAFFIC CONTROL PLAN  
NOTES AND SIGN SUMMARY

SHEET NUMBER  
**14**  
OF 14