



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

November 28, 2018
Subject: Sawyer Bridge Replacement
State WIN: 021695.00
Location: **Industry**
Amendment No. 1

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE pages 17 – 20, Proposal Schedule of Items, 4 pages, dated 11/27/18, and **REPLACE** with the attached, revised Proposal Schedule of Items, 4 pages, dated 11/28/18.

In the Plan Set:

REMOVE the entire plan set, 11 pages, and **REPLACE** with the attached, revised plan set 11 pages.

Consider these changes and information prior to submitting your bid on **December 19, 2018**.

Sincerely,

George M. A. Macdougall P.E.
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021695.00

Project(s): 021695.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	202.202 REMOVING PAVEMENT SURFACE	122.000 SY	_____	 _____	_____	 _____
0020	203.20 COMMON EXCAVATION	420.000 CY	_____	 _____	_____	 _____
0030	203.24 COMMON BORROW	10.000 CY	_____	 _____	_____	 _____
0040	206.092 STRUCTURAL ROCK EXCAVATION - MAJOR STRUCTURES	10.000 CY	_____	 _____	_____	 _____
0050	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	310.000 CY	_____	 _____	_____	 _____
0060	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	68.000 T	_____	 _____	_____	 _____
0070	403.213 HOT MIX ASPHALT 12.5 MM BASE	98.000 T	_____	 _____	_____	 _____
0080	409.15 BITUMINOUS TACK COAT - APPLIED	27.000 G	_____	 _____	_____	 _____
0090	411.09 UNTREATED AGGREGATE SURFACE COURSE	5.000 CY	_____	 _____	_____	 _____
0100	502.22 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS (PLACED UNDER WATER)	20.000 CY	_____	 _____	_____	 _____
0110	511.07 COFFERDAM: DOWNSTREAM	LUMP SUM	_____	 LUMP SUM	_____	 _____
0120	511.07 COFFERDAM: UPSTREAM	LUMP SUM	_____	 LUMP SUM	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021695.00

Project(s): 021695.00

SECTION: 1 Project Items

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0130	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP SUM	LUMP SUM			
0140	531.51 BRIDGE STRUCTURE - DETAIL BUILD	LUMP SUM	LUMP SUM			
0150	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	225.000 LF				
0160	606.232 GUARDRAIL TYPE 3C - OVER 15 FOOT RADIUS	25.000 LF				
0170	606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	1.000 EA				
0180	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA				
0190	606.78 LOW VOLUME GUARDRAIL END - TYPE 3	3.000 EA				
0200	610.08 PLAIN RIPRAP	225.000 CY				
0210	610.18 STONE DITCH PROTECTION	5.000 CY				
0220	613.319 EROSION CONTROL BLANKET	80.000 SY				
0230	615.07 LOAM	11.000 CY				
0240	618.14 SEEDING METHOD NUMBER 2	2.000 UN				

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021695.00

Project(s): 021695.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0250	619.12 MULCH	2.000 UN	_____	 _____	_____	 _____
0260	619.14 EROSION CONTROL MIX	22.000 CY	_____	 _____	_____	 _____
0270	620.58 EROSION CONTROL GEOTEXTILE	350.000 SY	_____	 _____	_____	 _____
0280	629.05 HAND LABOR, STRAIGHT TIME	40.000 HR	_____	 _____	_____	 _____
0290	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0300	631.14 GRADER (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0310	631.15 ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0320	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	10.000 HR	_____	 _____	_____	 _____
0330	639.19 FIELD OFFICE TYPE B	1.000 EA	_____	 _____	_____	 _____
0340	652.312 TYPE III BARRICADE	6.000 EA	_____	 _____	_____	 _____
0350	652.33 DRUM	25.000 EA	_____	 _____	_____	 _____
0360	652.34 CONE	25.000 EA	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021695.00 Project(s): 021695.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0370	652.35 CONSTRUCTION SIGNS	500.000 SF	_____	 _____	_____	 _____
0380	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM	LUMP SUM		_____	 _____
0390	652.38 FLAGGER	240.000 HR	_____	 _____	_____	 _____
0400	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM		_____	 _____
0410	659.10 MOBILIZATION	LUMP SUM	LUMP SUM		_____	 _____
Section: 1			Total:		_____	 _____
			Total Bid:		_____	 _____

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



INDUSTRY FRANKLIN COUNTY SAWYER BRIDGE OVER FALLS BROOK SHAW HILL ROAD FEDERAL AID PROJECT NO. STP-2169(500) PROJECT LENGTH 0.028 mi. BRIDGE NO. 5047

SPECIFICATIONS

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

DESIGN LOADING

Live Load HL - 93 Modified for Strength I

TRAFFIC DATA

Current (2019) AADT	300
Future (2039) AADT	360
DHV - % of AADT	13
Design Hour Volume	47
Heavy Trucks (% of AADT)	9
Heavy Trucks (% of DHV)	9
Directional Distribution (% of DHV)	60
18 kip Equivalent P 2.0	12
18 kip Equivalent P 2.5	12
Design Speed (mph)	30

HYDROLOGIC DATA *

Drainage Area	11.5 sq mi
Design Discharge (Q50)	1034.5 cfs
Check Discharge (Q100)	1198.3 cfs
Headwater Elevation (Q1.1)	499.3 ft
Headwater Elevation (Q25)	501.7 ft
Headwater Elevation (Q50)	502.2 ft
Headwater Elevation (Q100)	502.6 ft
Discharge Velocity (Q1.1)	2.9 fps
Discharge Velocity (Q50)	8.9 fps
Discharge Velocity (Q100)	9.8 fps

* Headwater Elevation and Discharge Velocity based on 37'-0" span by 7'-2" rise Precast Concrete Arch

LIST OF DRAWINGS

Title Sheet	1
Estimated Quantities and General Construction Notes	2
General Plan and Profile	3
Boring Location Plan and Interpretive Subsurface Profile	4
Boring Logs	5
Highway Approach Cross - Sections	6-9
Right of Way Map	10
Traffic Control Plan	11

UTILITIES

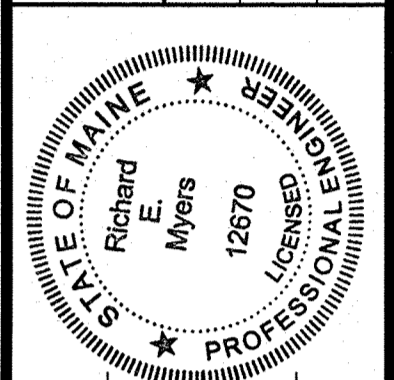
Central Maine Power Bee Line Television
Consolidated Communications

MAINTENANCE OF TRAFFIC

Bridge will be closed during construction with traffic detoured.

PROJECT LOCATION	On Shaw Hill Road, Located 0.04 of a mile South of the intersection with Route 148. Lat./Long. 44°45'51.9" N 70°00'56" W
PROGRAM AREA	Highway Bridge - Traditional
OUTLINE OF WORK	Bridge Replacement

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED: *[Signature]*
COMMISSIONER: *[Signature]*
DATE: 11/19/18
CHIEF ENGINEER: *[Signature]*



SIGNATURE: *[Signature]*
P.E. NUMBER: 12670
DATE: OCTOBER 31, 2018

PROGRAM	BRIDGE
PROJECT MANAGER	MICHAEL WIGHT
DESIGNER	BEN BARTLETT
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 21695.00

STP-2169(500)
INDUSTRY
SAWYER BRIDGE
TITLE SHEET

SHEET NUMBER
1
OF 11

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.202	REMOVE PAVEMENT SURFACE	122	SY
203.20	COMMON EXCAVATION	420	CY
203.24	COMMON BORROW	10	CY
206.092	STRUCTURAL ROCK EXCAVATION - MAJOR STRUCTURES	10	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	310	CY
403.208	HOT MIX ASPHALT 12.5MM SURFACE	68	T
403.213	HOT MIX ASPHALT 12.5MM BASE	98	T
409.15	BITUMINOUS TACK COAT - APPLIED	27	G
411.09	UNTREATED AGGREGATE SURFACE COURSE	5	CY
502.22	STRUCT. CONC., ABUTMENTS & RET. WALLS (PLACED UNDERWATER)	20	CY
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
526.301	TEMPORARY CONCRETE BARRIER TYPE I (40 LF)	1	LS
531.51	BRIDGE STRUCTURE - DETAIL BUILD	1	LS
606.23	GUARDRAIL TYPE 3C - SINGLE RAIL	225	LF
606.232	GUARDRAIL TYPE 3C - OVER 15 FOOT RADIUS	25	LF
606.265	TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	1	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
606.78	LOW VOLUME GUARDRAIL END - TYPE 3	3	EA
610.08	PLAIN RIPRAP	225	CY
610.18	STONE DITCH PROTECTION	5	CY
613.319	EROSION CONTROL BLANKET	80	SY
615.07	LOAM	11	CY
618.14	SEEDING METHOD NUMBER 2	2	UN
619.12	MULCH	2	UN
619.14	EROSION CONTROL MIX	22	CY
620.58	EROSION CONTROL GEOTEXTILE	350	SY
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.14	GRADER (INCLUDING OPERATOR)	10	HR
631.15	ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	HR
639.19	FIELD OFFICE TYPE B	1	EA
652.312	TYPE III BARRICADE	6	EA
652.33	DRUM	25	EA
652.34	CONE	25	EA
652.35	CONSTRUCTION SIGNS	500	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES (60 CD)	1	LS
652.38	FLAGGER	240	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

- During construction, the road will be closed to traffic for a time period specified in the Special Provisions.
- For easements, construction limits and right of way lines, refer to Right of Way Map.
- The clearing limits as shown on the plans are approximate. The exact limits will be established in the field by the Resident. Payment for clearing will be considered incidental to Contract items.
- All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
- Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.
- 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.
- Backfill material for the buried structure shall be in accordance with the appropriate specifications.
- Stones which cannot be rolled or compacted into the surface of the gravel drive shall be removed by hand raking. Payment for hand raking will be considered incidental to Item No. 411.09, Untreated Aggregate Surface Course.
- Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.
- Erosion Control Mix may be substituted in those areas normally receiving loam and seed as directed by the Resident. Placement shall be in accordance with Standard Specifications Section 619, Mulch. Payment will be made under Item No. 619.14, Erosion Control Mix.
- Place a 24-in. wide strip of Temporary Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.
- A Low Volume Guardrail End shall be installed concurrently with the placement of each section of beam guardrail.
- Extended-use Erosion Control Blanket, seeded gutters, riprap downspouts, and other gutters lined with Stone Ditch Protection shall be constructed after paving and shoulder work is completed, where it is apparent that runoff will cause continual erosion. Payment will be made under the appropriate Contract items.
- Excavation below the bottom of the subbase elevation, excluding rock excavation, will be considered structural earth excavation and incidental to the Bridge Structure - Detail Build pay item. Excavation above the bottom of the subbase elevation for placement of aggregate subbase course gravel will be considered common excavation. Rock excavation will be paid for under Pay Item 206.092, Structural Rock Excavation - Major Structures.
- 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 hydrologic report of the bridge site may be accessed at the MaineDOT web address. The hydrologic report is based on MaineDOT's interpretation of the information obtained for the subject site. No assurance is given that the information or the conclusions of the report will be representative of actual conditions at the time of construction.
- The project geotechnical report titled: **GEOTECHNICAL DESIGN REPORT For the Replacement of SAWYER BRIDGE, SHAW HILL ROAD OVER FALLS BROOK, Soils Report 2018-35, dated October 3, 2018** may be accessed at the MaineDOT web address.
- Geotechnical information furnished or referred to in this plan set is for the use of the Bidders and the Contractor. No assurance is given that the information or interpretations will be representative of actual subsurface conditions at the construction site. MaineDOT will not be responsible for the Bidders' or Contractor's interpretations of, or conclusions drawn from, the geotechnical information. The boring logs contained in the plan set present factual and interpretive subsurface information collected at discrete locations. Data provided may not be representative of the subsurface conditions between the boring locations.

- 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.
- Guardrail posts over the buried structure shall be modified and cast in concrete as shown in Standard Detail 606(20).

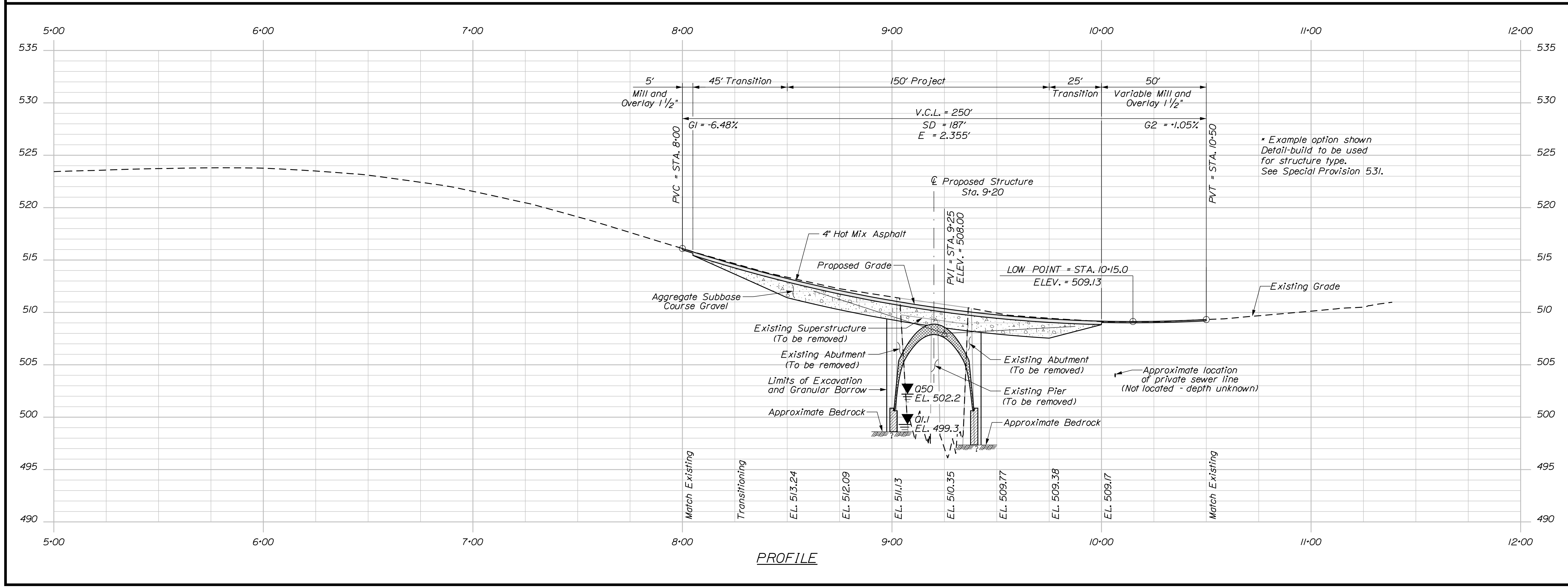
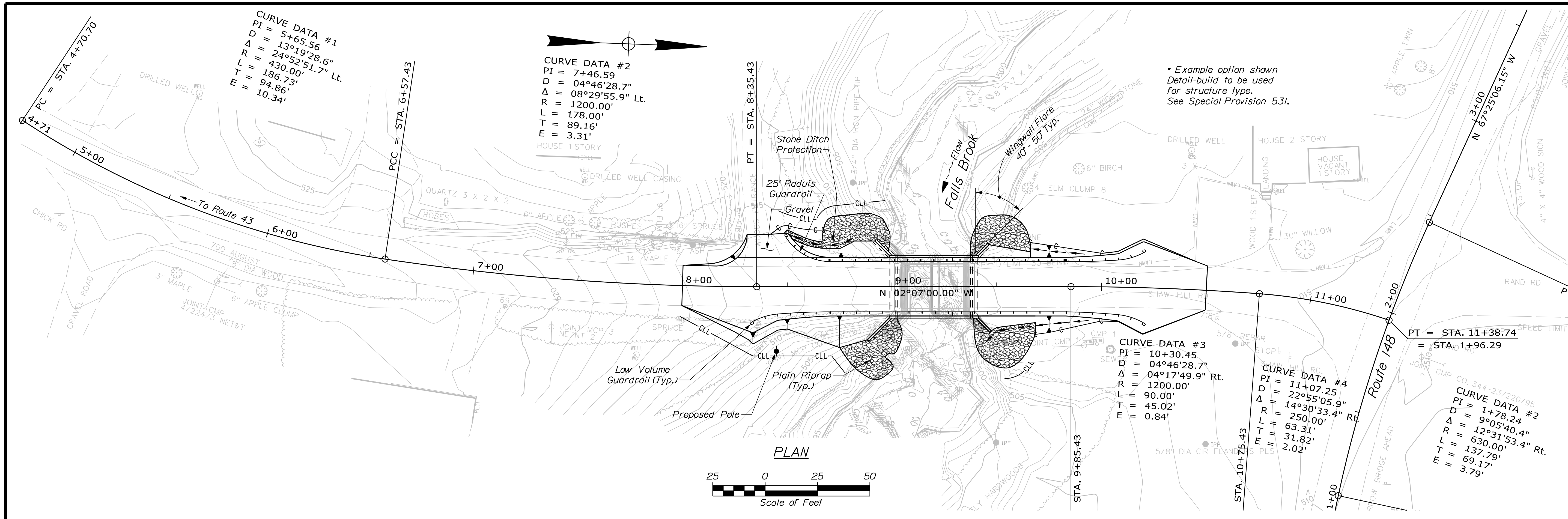
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
SAWYER BRIDGE		FRANKLIN COUNTY	
FALLS BROOK		INDUSTRY	
ESTIMATED QUANTITIES AND GENERAL CONSTRUCTION NOTES		STP-2169(500)	
SHEET NUMBER		WIN 21695.00	
2		BRIDGE NO. 5047	
OF 11		BRIDGE PLANS	

Date: 10/22/2018

Username: David Shaw

Division: BRIDGE

Filename: ... \MSTA\003_CenPlan&Profile.dgn

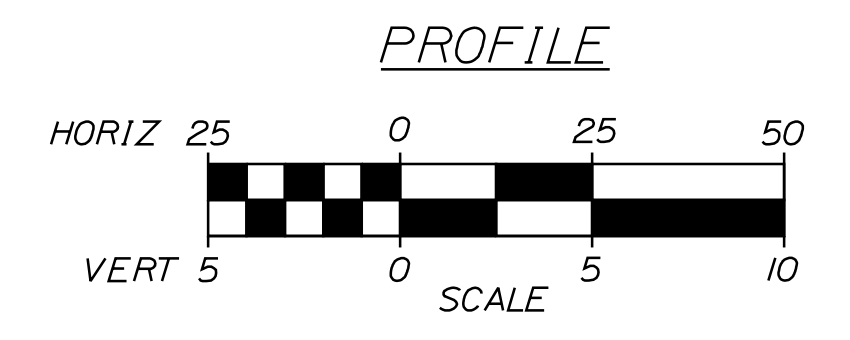
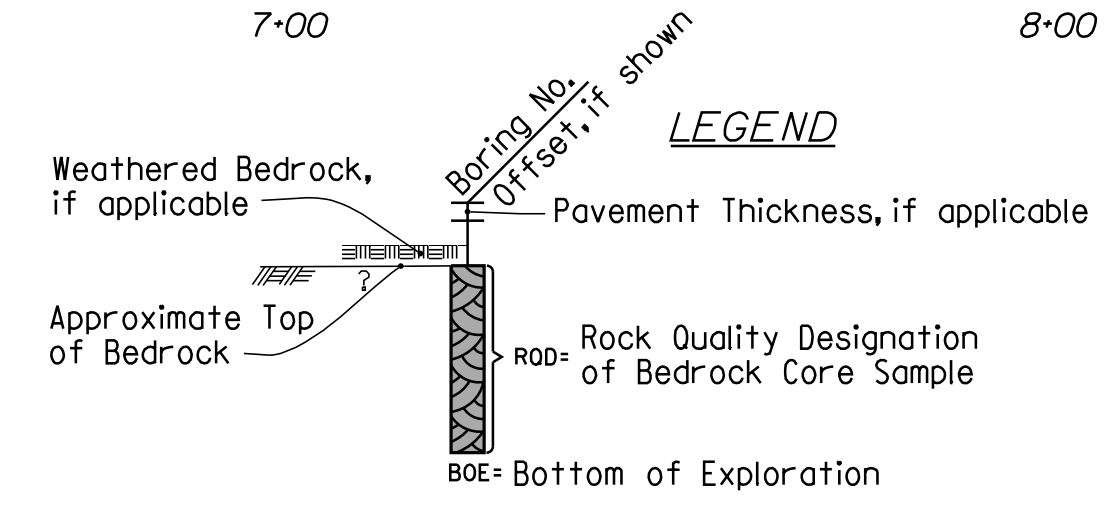
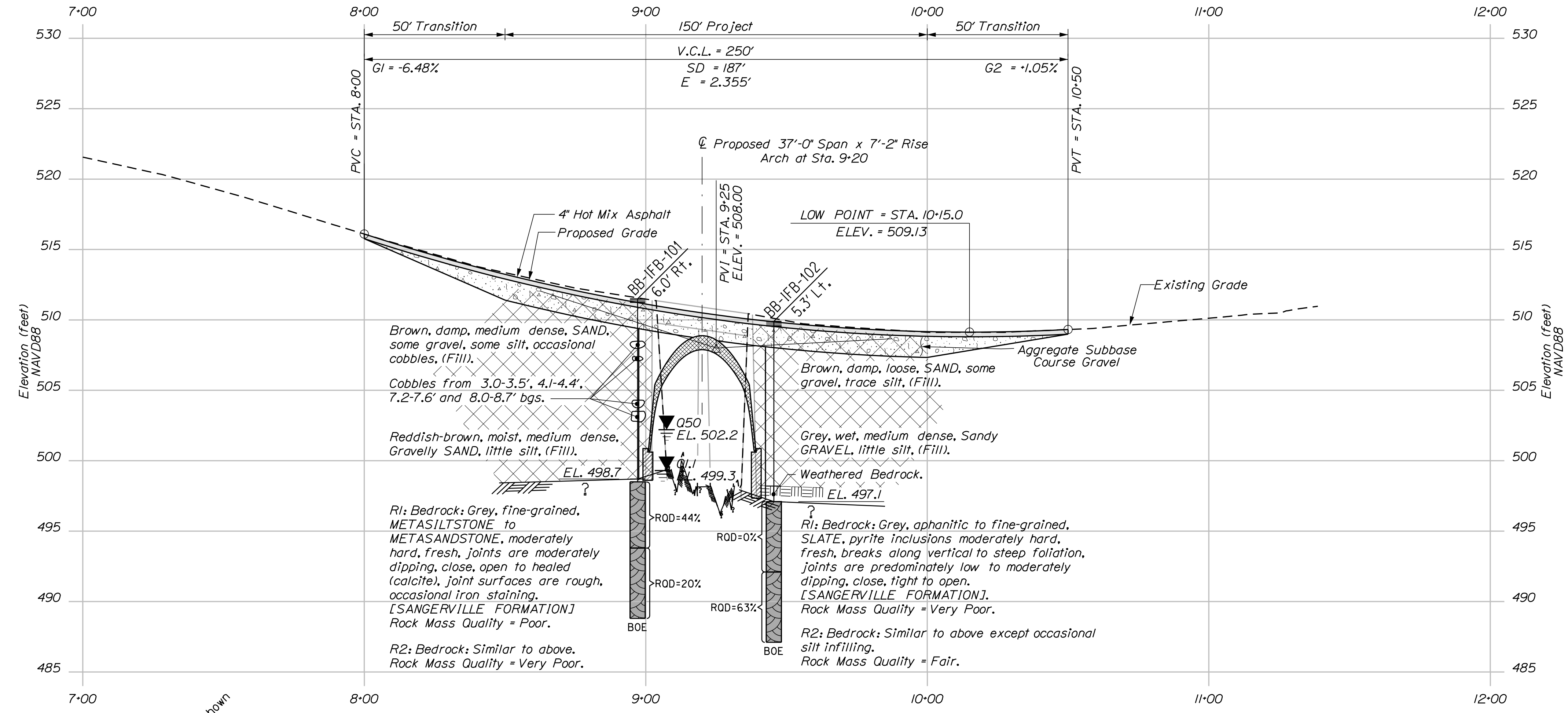
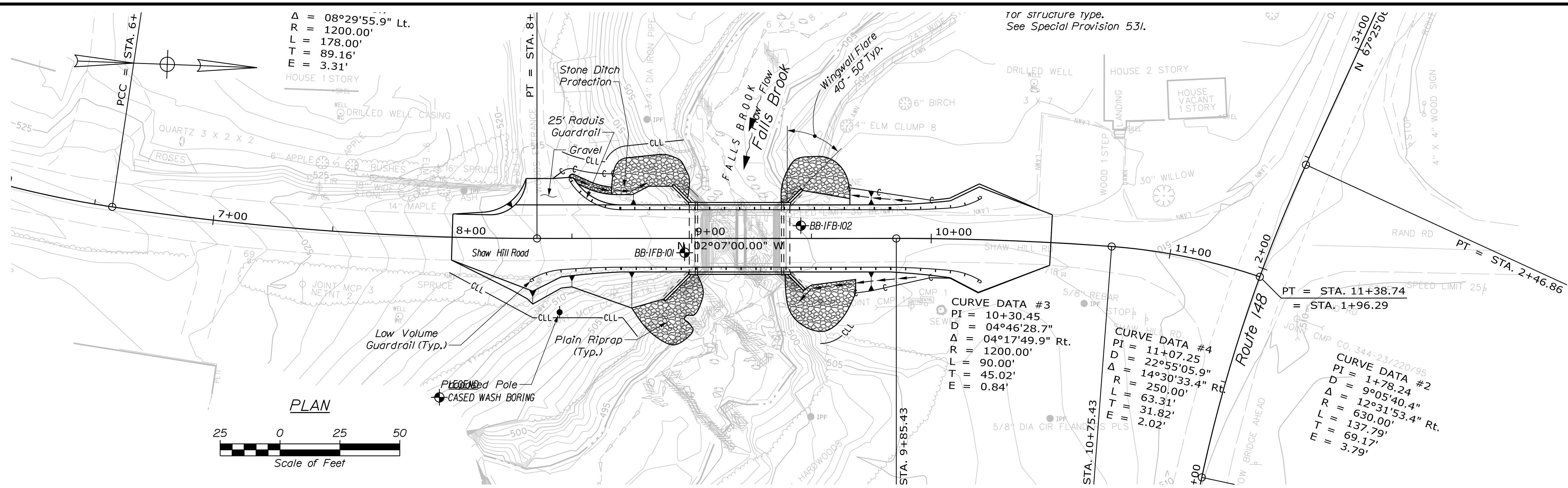


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		STP-2169(500)		BRIDGE NO. 5047		WIN		21695.00	
SAWYER BRIDGE		FALLS BROOK		FRANKLIN COUNTY		INDUSTRY		GENERAL PLAN AND PROFILE		SHEET NUMBER	
3		OF 11		DATE		SIGNATURE		P.E. NUMBER		DATE	
M. WIGHT		B. BARTLETT		D. SHAW		AUG 2018		T. WHITE		SEP 2017	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGNS-DETAILED		DESIGNS-DETAILED		REVISIONS 1		REVISIONS 2	
DESIGNS-DETAILED		DESIGNS-DETAILED		DESIGNS-DETAILED		DESIGNS-DETAILED		REVISIONS 3		REVISIONS 4	
DESIGNS-DETAILED		DESIGNS-DETAILED		DESIGNS-DETAILED		DESIGNS-DETAILED		REVISIONS 4		FIELD CHANGES	

Date: 10/22/2018

Username: David Shaw

Filename: ... \GEO\TECH\STA\004_BLP&S\SP1.dgn Division: BRIDGE



Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil and bedrock transitions may vary and are probably more erratic. For more specific information refer to the exploration logs.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-2169(500)		WIN	
BRIDGE NO. 5047		21695.00	
INDUSTRY		FRANKLIN COUNTY	
SAWYER BRIDGE		FALLS BROOK	
BORING LOCATION PLAN & INTERPRETIVE SUBSURFACE PROFILE		SHEET NUMBER	
4		OF 11	

PROJ. MANAGER	BY	DATE
DESIGNED	T. WHITE	SEP. 2017
CHECKED	B. SJAVEN	
DESIGNED DETAILED		
DESIGNED DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

Date: 10/22/2018

Username: David.Shaw

Division: BRIDGE

Filename: ... \MSTAD005_BORING_LOCS1.dgn

Maine Department of Transportation Soil/Rock Exploration Log US CUSTOMARY UNITS		Project: Sawyer Bridge #5047 carries Shaw Hill Road over Falls Brook Location: Industry, Maine		Boring No.: BB-IFB-101																																																																																																																																						
Driller: MaineDOT		Elevation (ft.): 511.5		Auger ID/OD: 5" Solid Stem																																																																																																																																						
Operator: Travis/James		Datum: NAVD88		Sampler: Standard Split Spoon																																																																																																																																						
Logged By: B. Wilder		Rig Type: CME 45C		Hammer Wt./Fall: 140#/30"																																																																																																																																						
Date Start/Finish: 9/13/2017: 11:00-14:00		Drilling Method: Cased Wash Boring		Core Barrel: NO-2"																																																																																																																																						
Boring Location: 8+97.1, 6.0 ft Rt.		Casing ID/OD: NW-3"		Water Level*: 9.5 ft bgs.																																																																																																																																						
Hammer Efficiency Factor: 0.854		Hammer Type: Automatic <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Rope & Cathead <input type="checkbox"/>																																																																																																																																								
Definitions: R = Rock Core Sample S _u = Peak/Retained Field Vane Undrained Shear Strength (psf) T _v = Pocket Torvane Shear Strength (psf) D = Split Spoon Sample SSA = Solid Stem Auger S _{u(10)} = Lab Vane Undrained Shear Strength (psf) WC = Water Content, percent MD = Unsuccessful Split Spoon Sample Attempt HSA = Hollow Stem Auger S _u = Unconfined Compressive Strength (ksf) LL = Liquid Limit U = Thin Wall Tube Sample RC = Roller Cone N _{uncorrected} = Raw Field SPT N-value PL = Plastic Limit MU = Unsuccessful Thin Wall Tube Sample Attempt WOH = Weight of 140lb. Hammer Hammer Efficiency Factor = Rig Specific Annual Calibration Val BB = Plasticity Index Y = Field Vane Shear Test. PP = Pocket Penetrometer/MOR/C = Weight of Rods or Casing N ₆₀ = SPT N-uncorrected Corrected for Hammer Efficiency G = Grain Size Analysis MW = Unsuccessful Field Vane Shear Test Attempt WOP = Weight of One Person N ₆₀ = (Hammer Efficiency Factor/60%)N _{uncorrected} C = Consolidation Test																																																																																																																																										
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Boring No.: BB-IFB-101																																																																																																																																										

Maine Department of Transportation Soil/Rock Exploration Log US CUSTOMARY UNITS		Project: Sawyer Bridge #5047 carries Shaw Hill Road over Falls Brook Location: Industry, Maine		Boring No.: BB-IFB-102																																																																																																																																																								
Driller: MaineDOT		Elevation (ft.): 509.9		Auger ID/OD: 5" Solid Stem																																																																																																																																																								
Operator: Travis/James		Datum: NAVD88		Sampler: Standard Split Spoon																																																																																																																																																								
Logged By: B. Wilder		Rig Type: CME 45C		Hammer Wt./Fall: 140#/30"																																																																																																																																																								
Date Start/Finish: 9/13/2017: 08:00-11:00		Drilling Method: Cased Wash Boring		Core Barrel: NO-2"																																																																																																																																																								
Boring Location: 9+45.5, 5.3 ft Lt.		Casing ID/OD: NW-3"		Water Level*: None Observed																																																																																																																																																								
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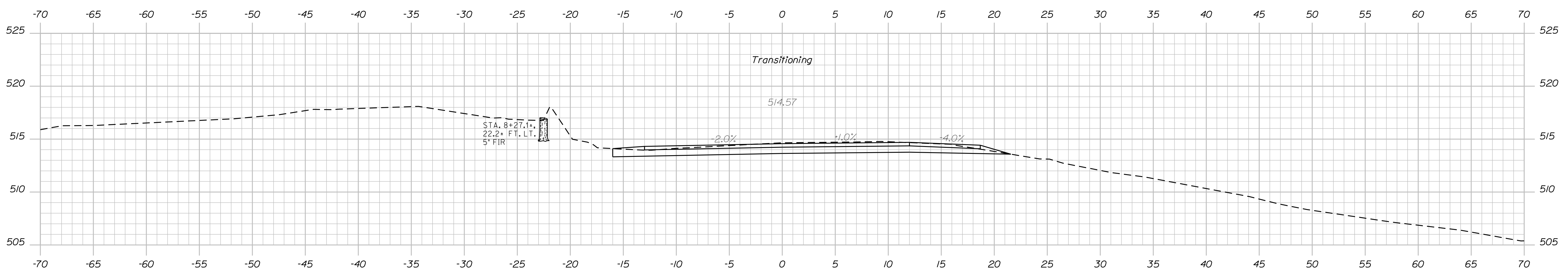
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-2169(500)		BRIDGE NO. 5047		WIN 21695.00		BRIDGE PLANS	
SAWYER BRIDGE FALLS BROOK INDUSTRY		FRANKLIN COUNTY		BORING LOGS		SHEET NUMBER		5	
PROJ. MANAGER		DATE		BY		SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED		AUG. 2018		T. WHITE					
CHECKED-REVIEWED				B. SJAVEN					
DESIGNS-DETAILED									
REVISIONS 1									
REVISIONS 2									
REVISIONS 3									
REVISIONS 4									
FIELD CHANGES									

Date: 10/22/2018

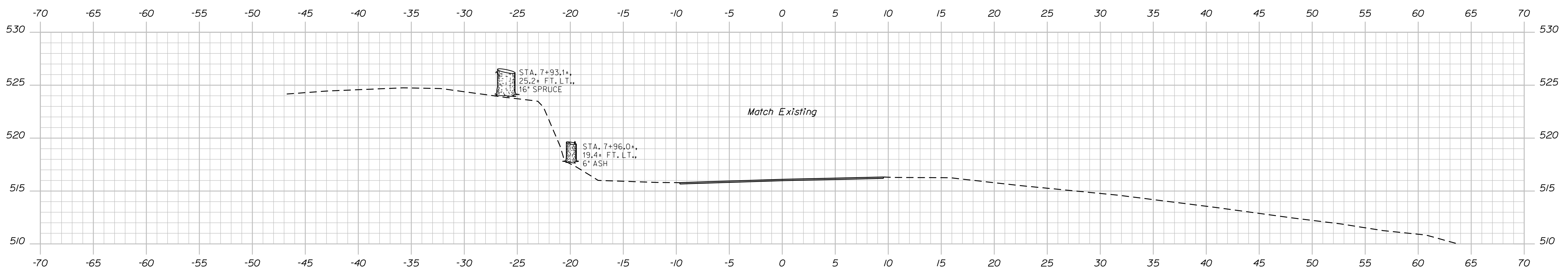
Username: David Shaw

Division: BRIDGE

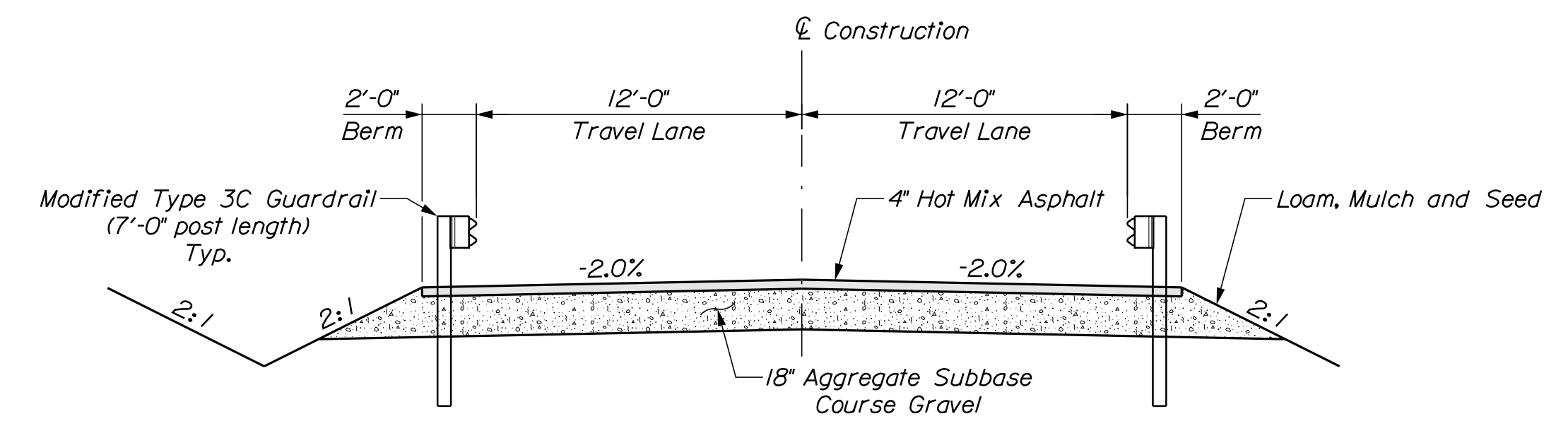
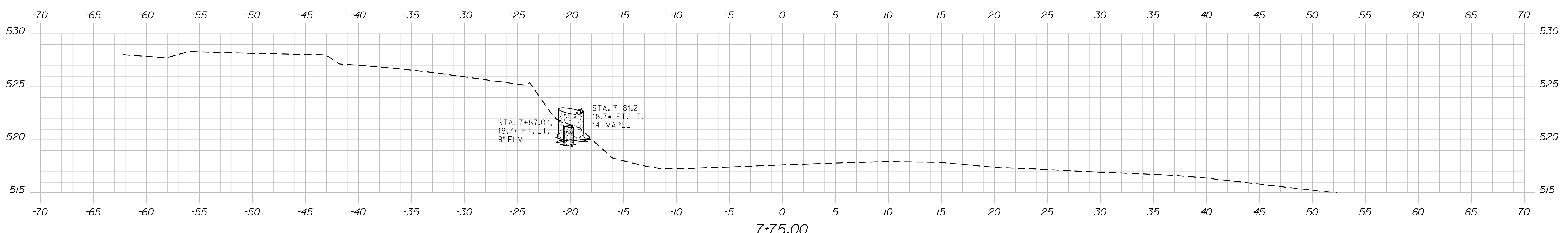
Filename: ... \MSTA\006_XSECT_7+75-8+25.dgn



8+25.00
 Sta. 8+33.7±, 16.6± Ft. Rt. to Sta. 8+70.5±, 12.0 Ft. Rt.
 Install Low Volume Guardrail End - Type 3



8+00.00
 Sta. 8+00 to Sta. 8+05
 Mill and Overlay 1 1/2"
 Sta. 8+05 - Begin Transition



TYPICAL APPROACH SECTION

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 STP-2169(500)
 WIN
 21695.00
 BRIDGE NO. 5047
 BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	D. SHAW	DATE	AUG 2018
DESIGN DETAILED	B. BARTLETT	CHECKED-REVIEWED	T. WHITE	DATE	SEP 2017
DESIGN DETAILED	B. S. AVEN	DESIGN DETAILED		SIGNATURE	
REVISIONS 1		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

INDUSTRY
 SAWYER BRIDGE
 FALLS BROOK
 FRANKLIN COUNTY

CROSS SECTIONS

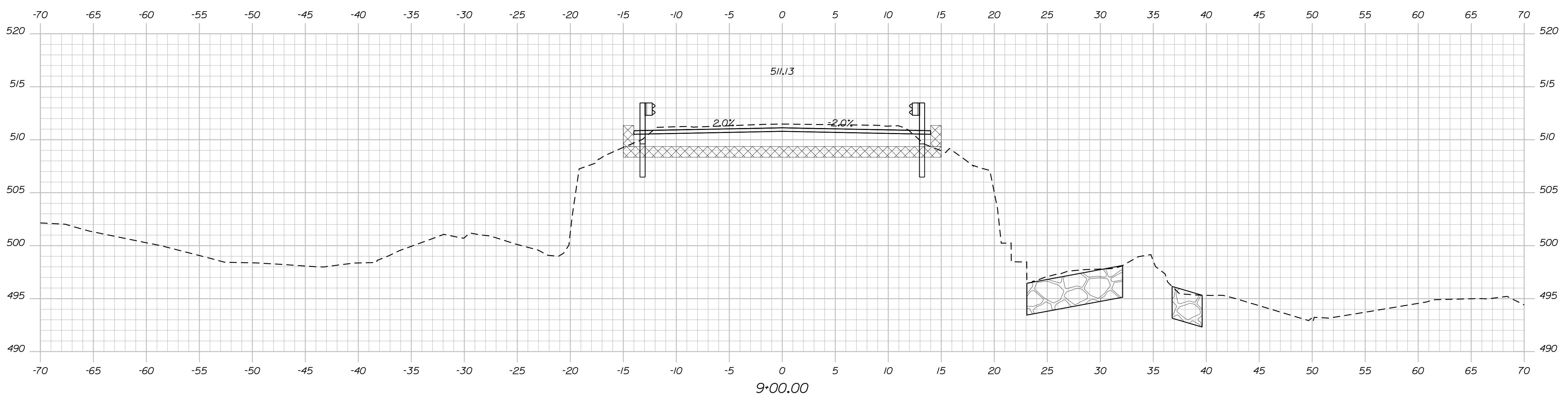
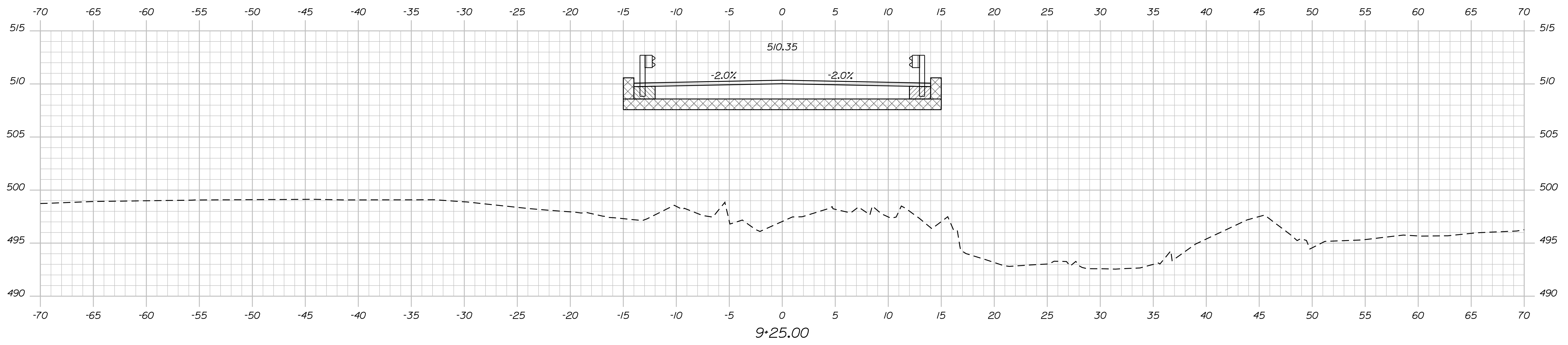
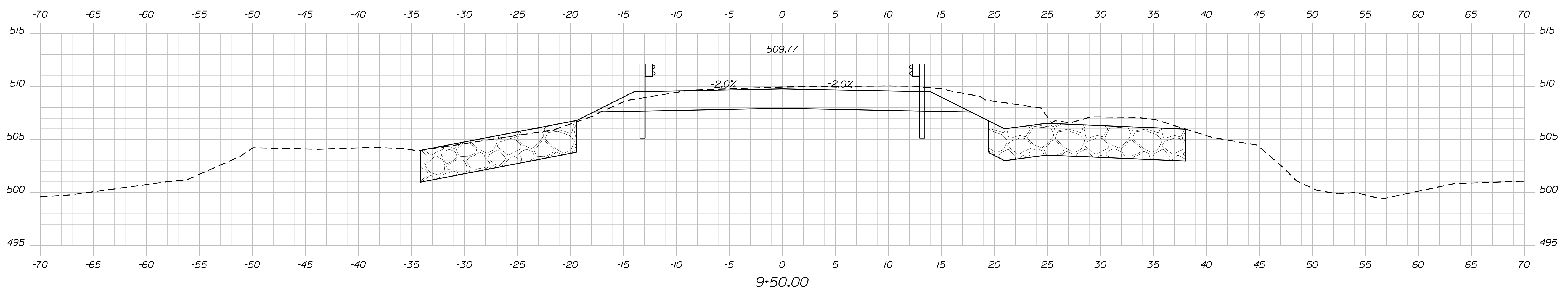
SHEET NUMBER
 6
 OF 11

Date: 10/22/2018

Username: David.Shaw

Division: BRIDGE

Filename: ... \MSTA\008_XSECT_9+00-9+50.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-2169(500)
BRIDGE NO. 5047
WIN
21695.00
BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	D. SHAW	DATE	AUG 2018
CHECKED-REVIEWED	B. BARTLETT	DESIGNED	T. WHITE	SIGNATURE	
DESIGNS DETAILED	B. SAVEN	REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 3		DATE	
REVISIONS 4		FIELD CHANGES			

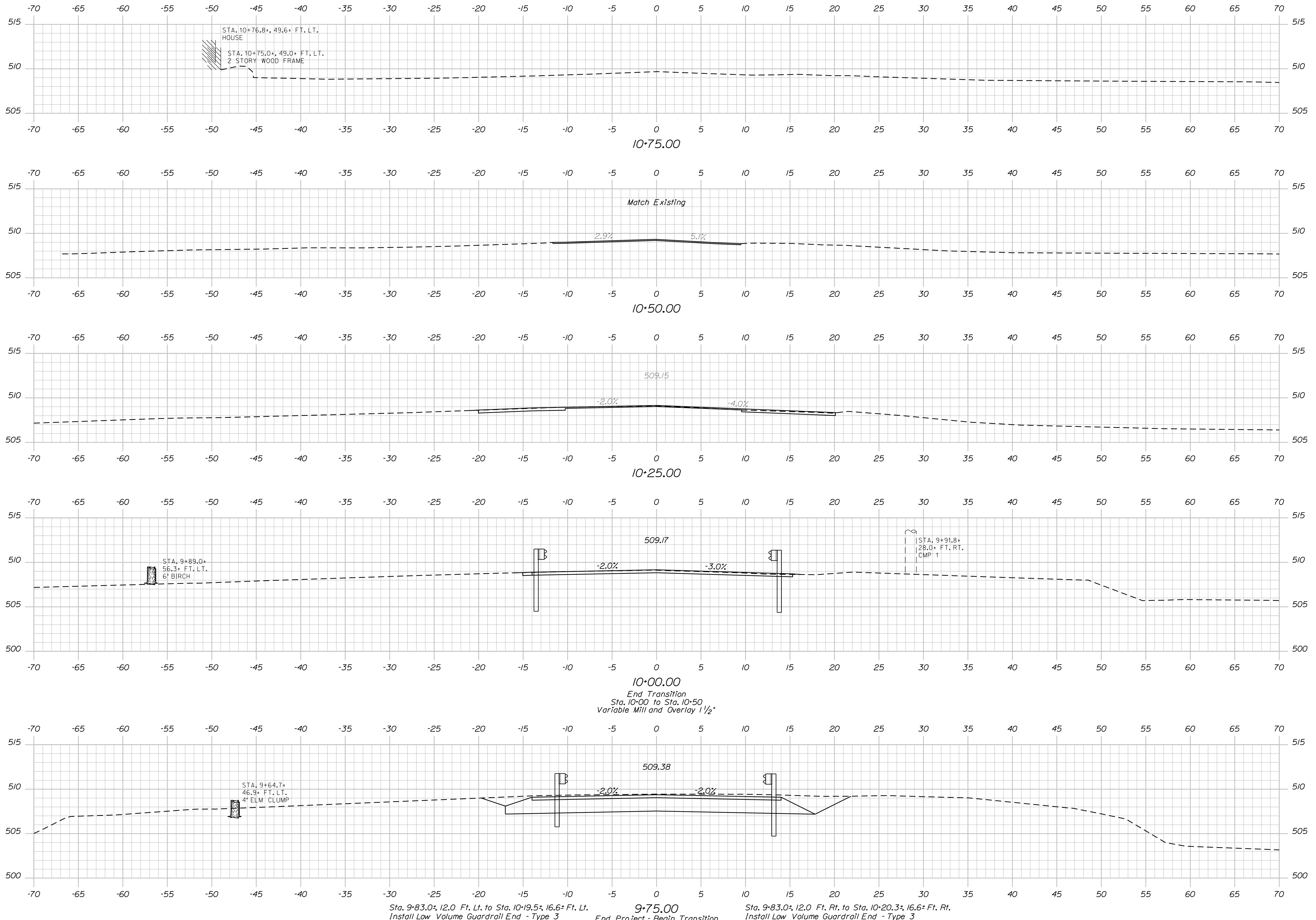
SAWYER BRIDGE
FALLS BROOK
FRANKLIN COUNTY
INDUSTRY
CROSS SECTIONS

SHEET NUMBER
8
OF 11

Date: 10/22/2018

Username: David.Shaw

Filename: ... \MSTAD09_XSECT_9+75-10+75.dgn Division: BRIDGE



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-2169(500)	
FRANKLIN COUNTY		BRIDGE NO. 5047	
INDUSTRY		WIN	
SAWYER BRIDGE FALLS BROOK		21695.00	
CROSS SECTIONS		BRIDGE PLANS	
PROJ. MANAGER	M. WIGHT	BY	DATE
CHECKED-REVIEWED	B. BARTLETT	D. SHAW	AUG 2018
DESIGNS-DETAILED	B. SAIVEN	T. WHITE	SEP 2017
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE		P.E. NUMBER	
DATE		DATE	
SHEET NUMBER		OF 11	
9			

1 ROAD CLOSED 150 FEET AHEAD LOCAL TRAFFIC ONLY TYPE III BARRICADES

2 ROAD CLOSED 150 FEET AHEAD LOCAL TRAFFIC ONLY TYPE III BARRICADE

3 ROAD CLOSED 350 FEET AHEAD LOCAL TRAFFIC ONLY TYPE III BARRICADE

4 SHAW HILL RD DETOUR AHEAD

5 DETOUR SHAW HILL RD

6 DETOUR SHAW HILL RD

7 DETOUR SHAW HILL RD

11 SHAW HILL RD ROAD CLOSED 3.34 MILES AHEAD LOCAL TRAFFIC ONLY

12 ROAD CLOSED 1000 FT

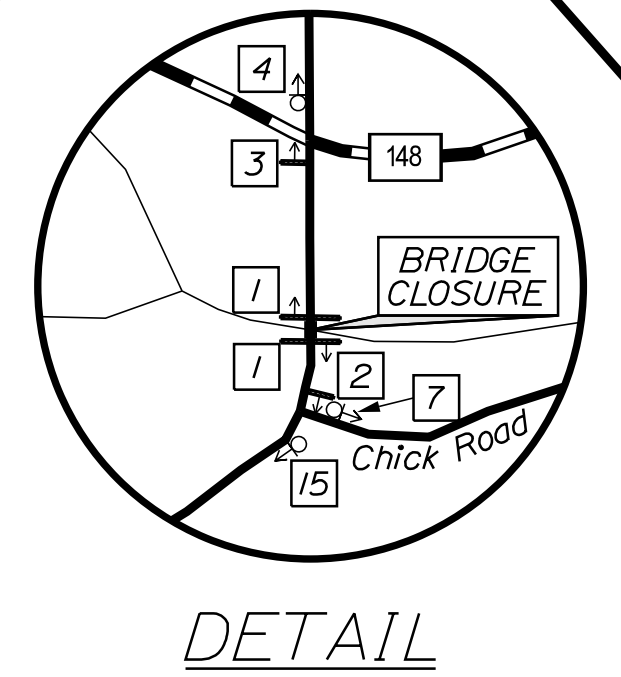
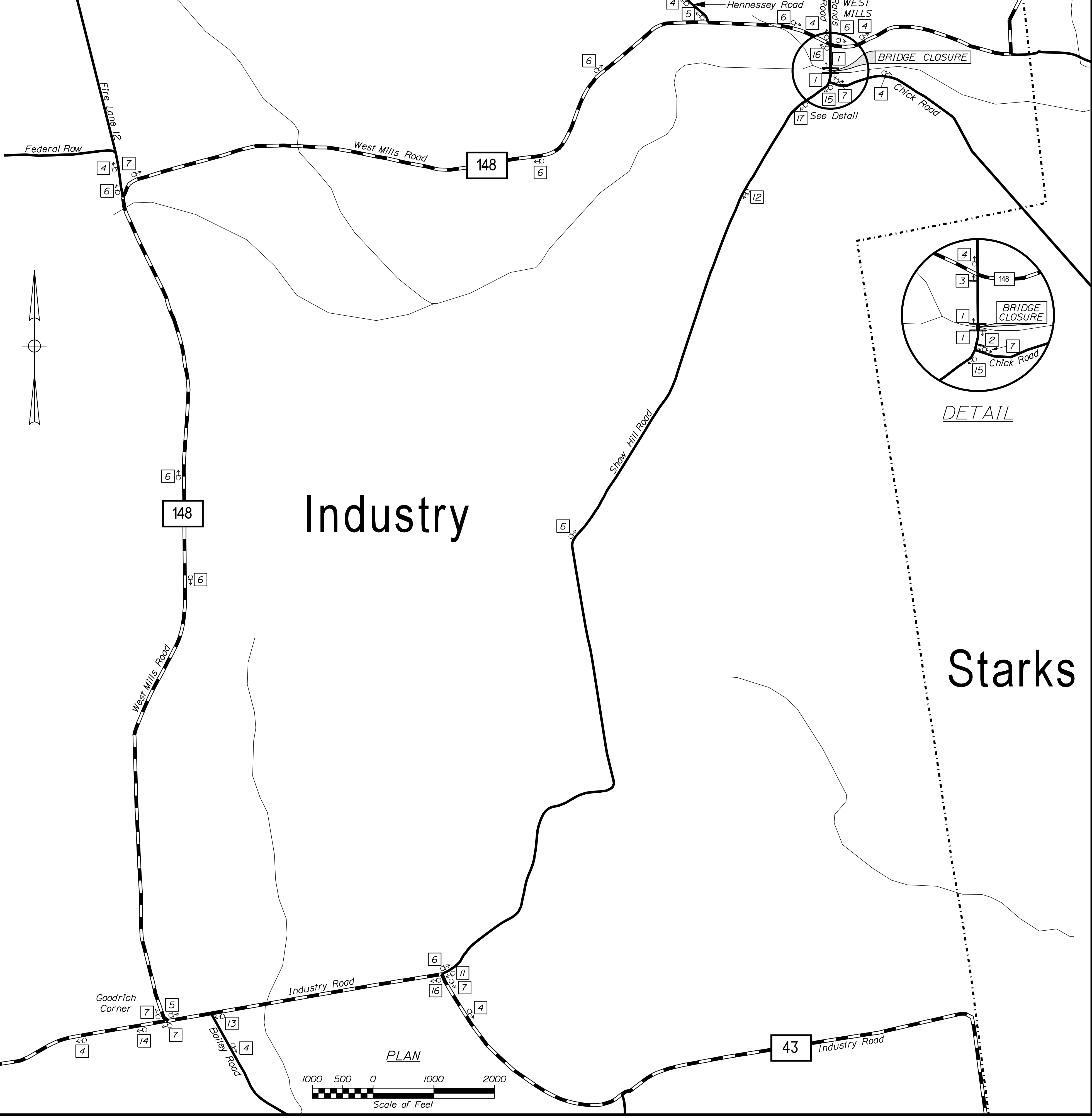
13 SHAW HILL RD ROAD CLOSED 4.07 MILES AHEAD LOCAL TRAFFIC ONLY

14 SHAW HILL RD ROAD CLOSED 4.30 MILES AHEAD LOCAL TRAFFIC ONLY

15 ROAD CLOSED AHEAD

16 END DETOUR SHAW HILL RD

17 ROAD CLOSED 500 FT



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		STP-2169(500)		WIN		BRIDGE NO. 5047		BRIDGE PLANS	
SAWYER BRIDGE		FALLS BROOK		FRANKLIN COUNTY		INDUSTRY		DETOUR PLAN		SHEET NUMBER	
PROJ. MANAGER		M. WIGHT		BY		DATE		SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED		B. BARTLETT		D. SHAW		AUG 2018		T. WHITE		SEP 2017	
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FIELD CHANGES											
INDUSTRY		FRANKLIN COUNTY		DETOUR PLAN		11		OF 11		21695.00	