

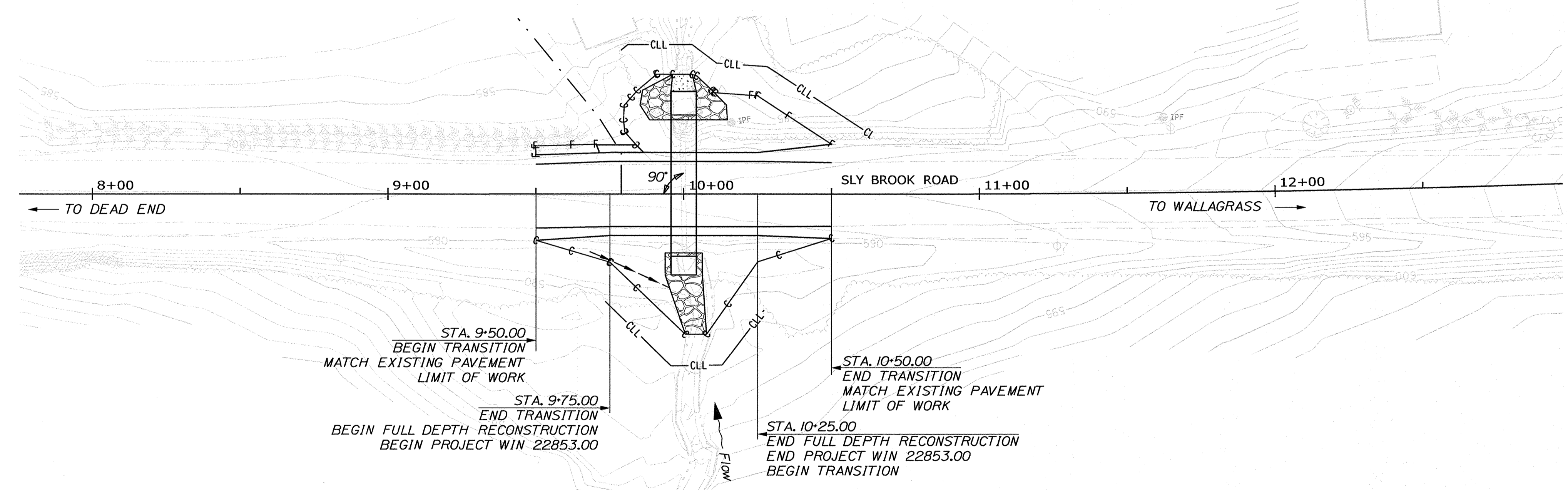
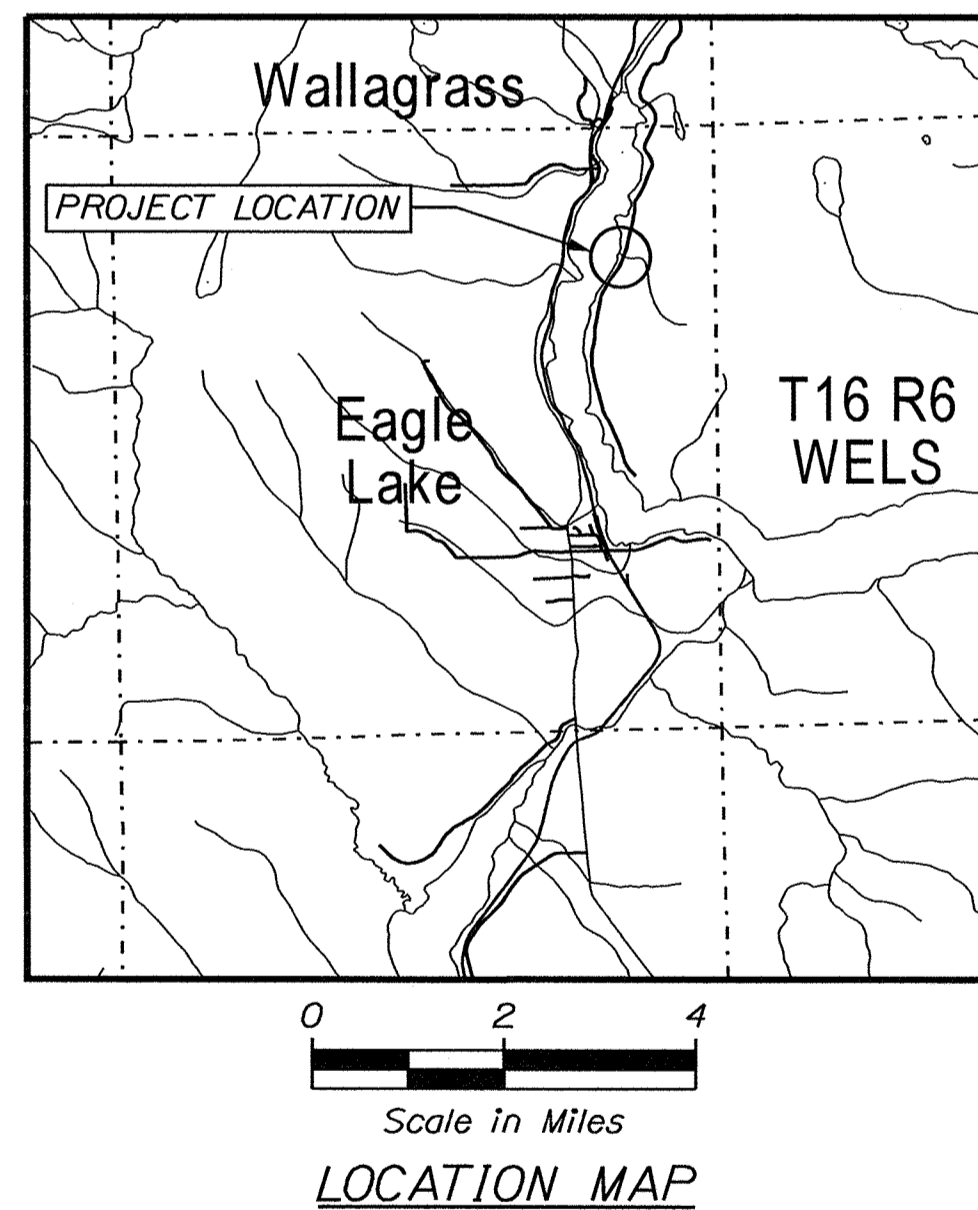
STATE OF MAINE DEPARTMENT OF TRANSPORTATION



EAGLE LAKE AROOSTOOK COUNTY SLY BROOK ROAD STATE PROJECT NO. 22853.00 PROJECT LENGTH : 0.009 mi.

Description	Sheet No.
Title Sheet	1
Typical Section, General Notes & Est. Quantities	2
Special Details	3
Boring Location Plan & Interpretive Subsurface Profile with Boring Logs	4
Plan / Profile	5
Cross Sections	6-9
Right Of Way Map	10

PLAN LEGEND	
Town, County, State	Catch Basins Existing Proposed
Property Lines	Manholes Existing Proposed
R/W Lines-Existing	Proposed Underdrain
R/W Lines-Proposed	Proposed Ditch
Culvert-Existing	Existing Ditch
Culvert Proposed	Utility Poles Existing Proposed
Curbing Existing Proposed	Fire Hydrants Existing Proposed
Type 1	Existing Water Line
Type 3	Existing San. Sewer
Type 5	Existing San. Sewer Manhole
Outline of Bodies of Water	Guardrail-Existing
Exposed Bedrock	Guardrail-Proposed
Buildings	Guardrail-Cable, Other
Trees Conifer Deciduous	Centerline-Existing
Tree Line	Centerline-Proposed
Clearing Limit Line	Travelway-Existing
Railroad	Travelway-Proposed
Boring HB-XXX-###	Probe P-#. #X
Pavement Core PC-#	## = Depth
Test Pit TP-XXX-###	X = W (Weathered Rock)
	R (Refusal)
	NR (No Refusal)



TRAFFIC DATA	SLY BROOK ROAD
Current (2020) AADT	630
Future (2040) AADT	760
DHV - % of AADT	12%
Design Hour Volume	91
% Heavy Trucks (AADT)	11%
% Heavy Trucks (DHV)	11%
Directional Distribution (DHV)	60%
18 kip Equivalent P 2.0	20
18 kip Equivalent P 2.5	19
Design Speed (mph)	35
Corridor Priority	4

PROJECT LOCATION:	In the town of Eagle Lake along Sly Brook Road, located 1.65 miles south of the Wallagrass/Eagle Lake town line.
PROGRAM AREA:	Highway Program
OUTLINE OF WORK:	Large culvert replacement

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	DATE	6-25-2020
CHIEF ENGINEER: <i>[Signature]</i>	DATE	6-25-2020
	SIGNATURE	DATE
<i>[Signature]</i>	13550	6/18/2020
P.E. NUMBER	DATE	
PROGRAM	HIGHWAY	PROJECT INFORMATION
PROJECT MANAGER	ROGER SOUCY	PROGRAM
DESIGNER	RAY HANE	PROJECT MANAGER
DESIGNER	HNTB	DESIGNER
PROJECT RESIDENT		PROJECT RESIDENT
CONTRACTOR		CONTRACTOR
PROJECT COMPLETION DATE		PROJECT COMPLETION DATE
EAGLE LAKE SLY BROOK ROAD	TITLE SHEET	
WIN 22853.00	SHEET NUMBER	
	1	
	OF 10	

Filename: ...:\00\HIGHWAY\MSTAV001_Title.dgn
 Division: HIGHWAY
 Username: chris.l.helstrom
 Date: 6/18/2020

Date: 6/23/2020

Username: chris.lhelstrom

Filename: ... \MSTA002_TypGenNotes.dgn Division: HIGHWAY

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
			WIN 22853.00 SLY BROOK ROAD
203.20	COMMON EXCAVATION	CY	180
203.25	GRANULAR BORROW	CY	143
203.33	SPECIAL FILL	CY	35
304.16	AGGREGATE BASE COURSE - TYPE C	CY	170
403.208	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE	TON	21
403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE)	TON	34
409.15	BITUMINOUS TACK COAT, APPLIED	GAL	8
511.07	COFFERDAM: UPSTREAM	LS	1
511.07	COFFERDAM: DOWNSTREAM	LS	1
526.301	TEMPORARY CONCRETE BARRIER, TYPE 1 (300 LF)	LS	1
603.407	103" X 7" POLYMER COATED CORRUGATED STEEL PIPE	LF	62
610.08	PLAIN RIPRAP	CY	21
610.210	STREAM CHANNEL ROCK	CY	37
610.212	STREAMBED ROCK FEATURES	CY	15
613.319	EROSION CONTROL BLANKET	SY	50
615.07	LOAM	CY	17
618.14	SEEDING METHOD NUMBER 2	UN	3
619.12	MULCH	UN	3
620.58	EROSION CONTROL GEOTEXTILE	SY	74
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	LF	100
629.05	HAND LABOR, STRAIGHT TIME	HR	10
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR	10
631.172	TRUCK-LARGE (INCLUDING OPERATOR)	HR	10
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	HR	10
652.312	TYPE III BARRICADES	EA	4
652.33	DRUM	EA	20
652.34	CONE	EA	50
652.35	CONSTRUCTION SIGNS	SF	265
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	CD	45
652.38	FLAGGERS	HR	20
652.61	STAGED CONSTRUCTION AND TRAFFIC CONTROL	LS	1
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LS	1
659.10	MOBILIZATION	LS	1

GENERAL NOTES

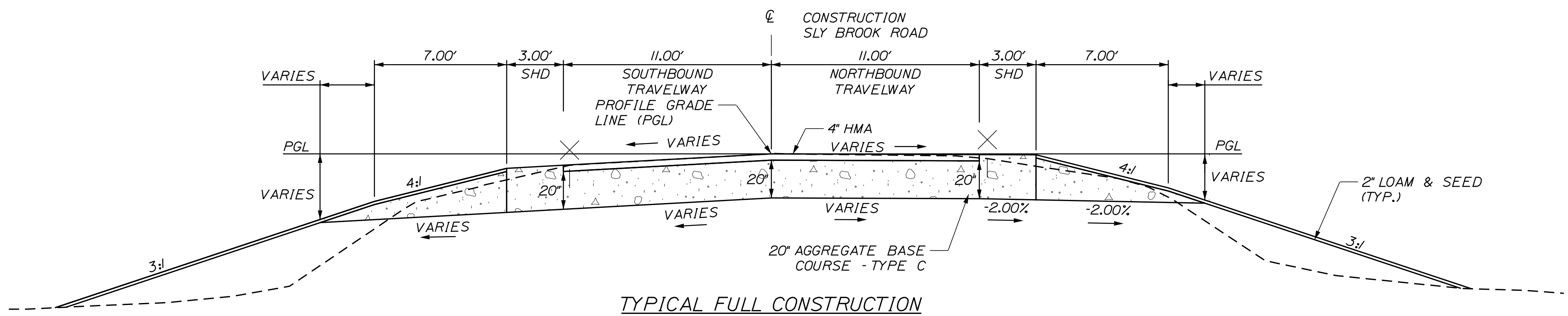
- CLEARING LIMITS SHALL BE 10 FEET BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.
- ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.
- THE CLEARING AND SELECTIVE CLEARING AND THINNING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE ACTUAL LINES FOR CLEARING AND THINNING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.
- GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT.
- ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
- REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.
- GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1 FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATIONS ITEM 703.19, GRANULAR BORROW.
- EXISTING INSLOPES IN PROPOSED FILL AREAS SHALL BE BENCHED BY EXCAVATING STEPS OF SUFFICIENT WIDTH TO PERMIT PLACING AND COMPACTING THE FILL MATERIAL ALONG WITH THE MATERIAL REMOVED.
- ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING (OR MILLING) SHALL BE INCIDENTAL TO THE RELATED PAVING (OR MILLING) ITEMS. THIS INCLUDES KILLING AND REMOVAL OF ALL VEGETATIVE MATTER.
- NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
- INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL OTHER AREAS.

GENERAL NOTES (CONT)

- LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
- ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
- ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.
- NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT AND LAYOUT OF WORK BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
- "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
- FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.
- GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THE BID DOCUMENTS IS FOR THE USE OF THE BIDDERS. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF THE ACTUAL SUBSURFACE CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. MAINE DOT WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS PROVIDED IN THE BID DOCUMENTS (IF ANY) PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.
- PROJECT GEOTECHNICAL REPORT TITLED "GEOTECHNICAL DESIGN REPORT FOR THE REPLACEMENT OF CROSS CULVERT *XC-180749". SOILS REPORT 2020-21, JUNE 22, 2020 CAN BE ACCESSED AT THE MAINE DOT WEBSITE [HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/](http://www.maine.gov/mdot/contractors/).

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CAPITAL PROJECTS
WIN 22853.00
HIGHWAY PLANS

PROJ. MANAGER	DATE	SIGNATURE	P.E. NUMBER	DATE
CHECKED-REVIEWED				
DESIGN DETAILED				
DESIGN DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				



AGGREGATE BASE COURSE - TYPE C		
LEFT SHOULDER	11 FT. TRAVEL LANES	RIGHT SHOULDER
VARIABLES CY/100 LF	67.90 CY/100 LF	VARIABLES CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION
9-75.00 TO 10-25.00 LT	9-75.00 TO 10-25.00	9-75.00 TO 10-25.00 RT

TYPICAL FULL CONSTRUCTION NOTES:

- THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
- WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDERS PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL WAY.
- CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF BASE AND PAVEMENT SHALL BE STRAIGHT.
- THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2" LOAM OR DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
- THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
- THE STATIONING UNDER THE TYPICAL IS APPROXIMATE.

EAGLE LAKE
SLY BROOK ROAD
TYPICAL SECTION, GENERAL
NOTES & EST. QUANTITIES

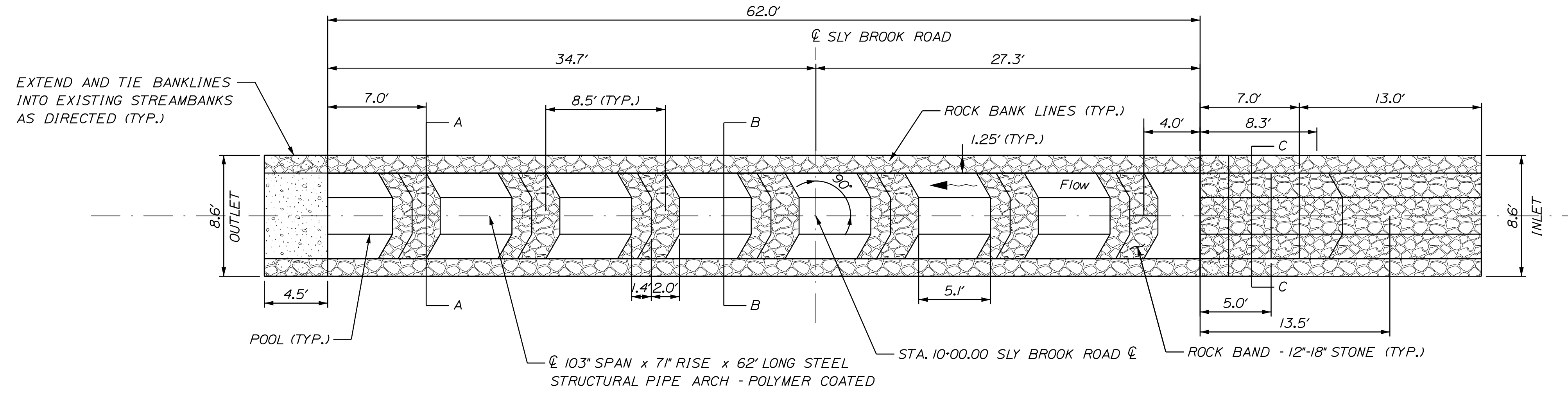
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2
OF 10

Date: 6/23/2020

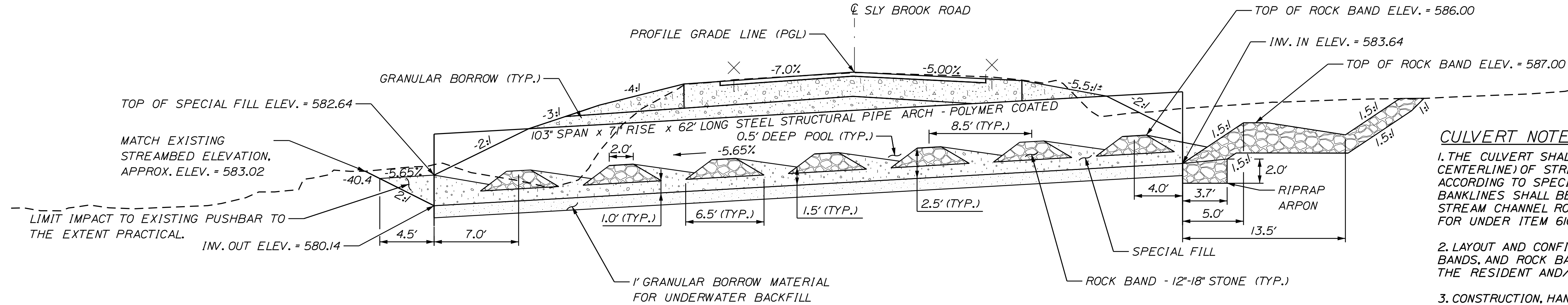
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Division: HIGHWAY

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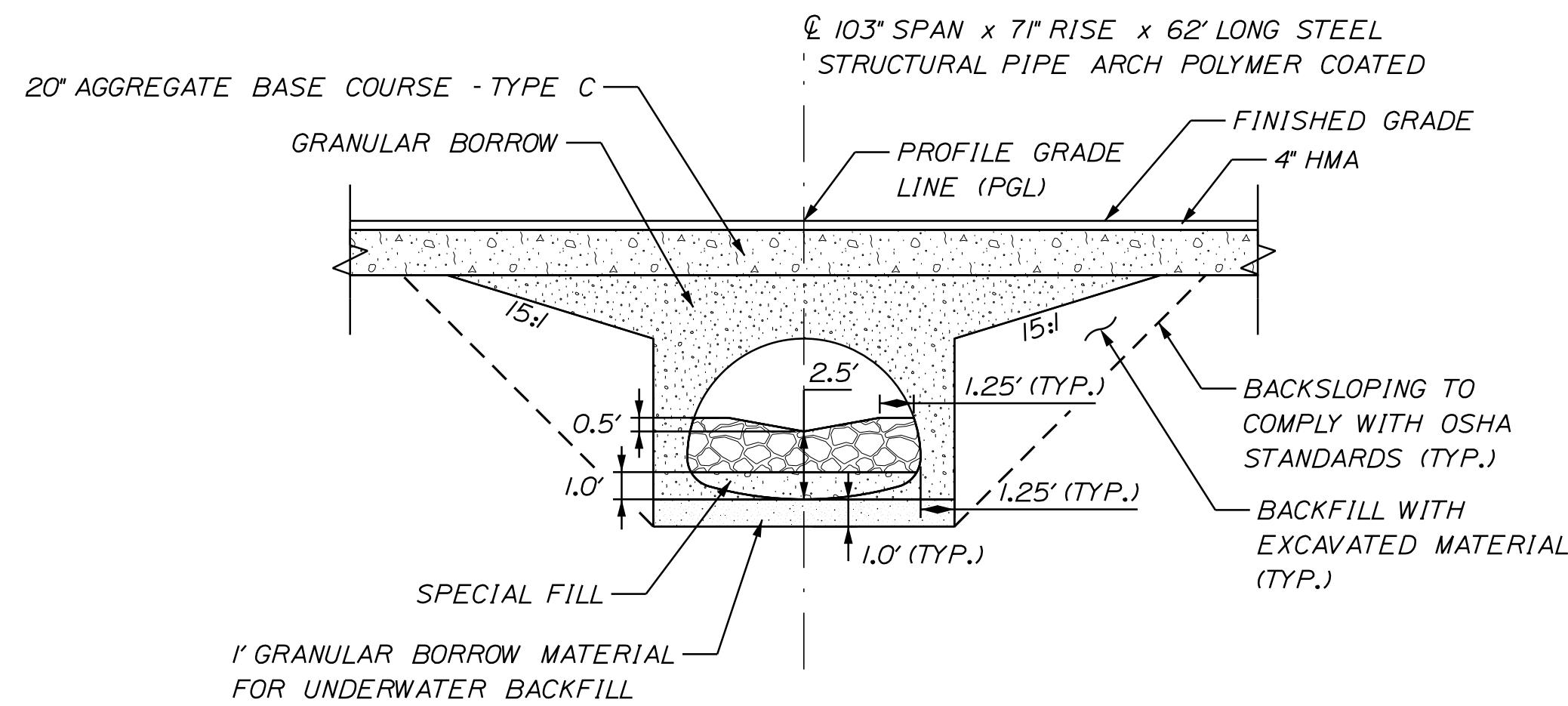
TYPICAL PIPE ARCH PLAN VIEW
N.T.S.



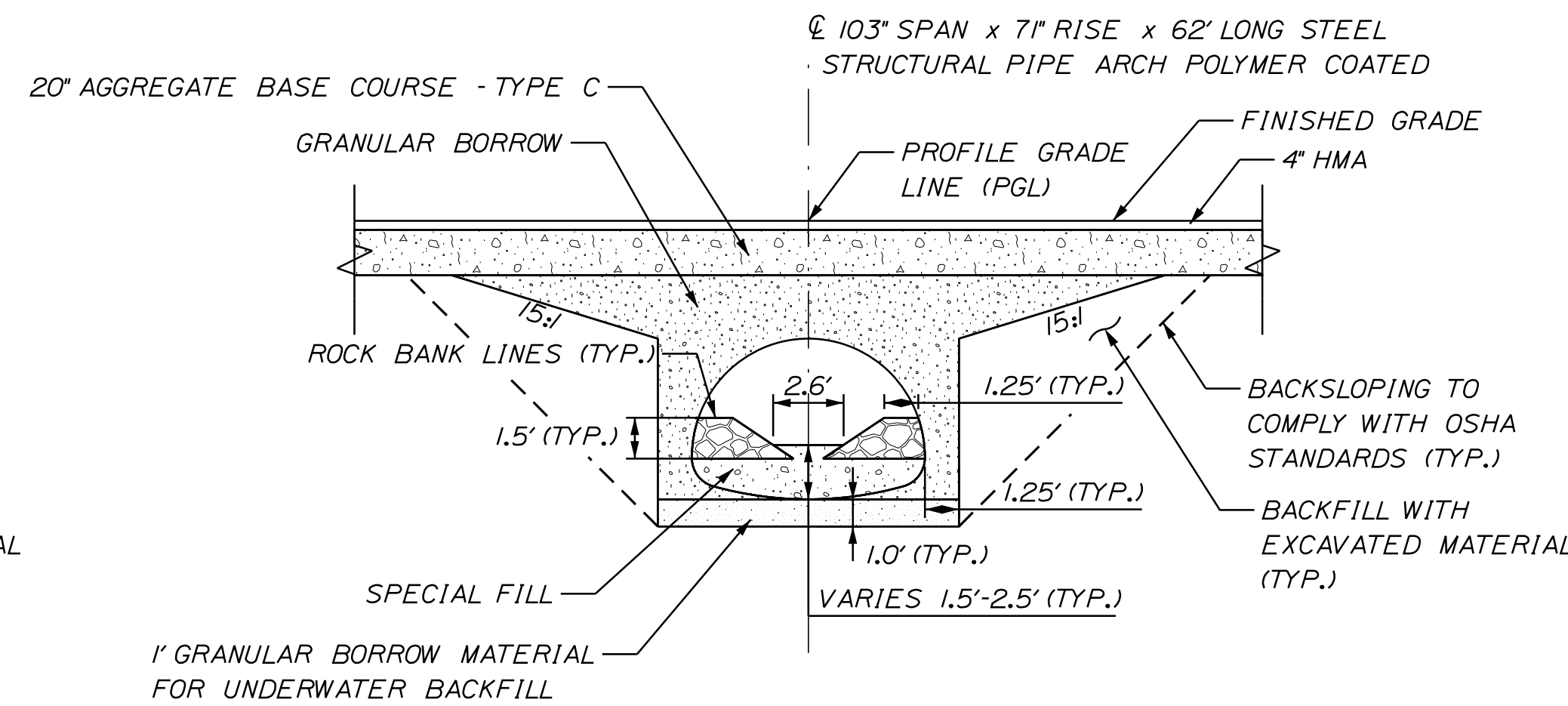
TYPICAL PIPE ARCH TRANSVERSE SECTION (ALONG CULVERT C)
N.T.S.

CULVERT NOTES:

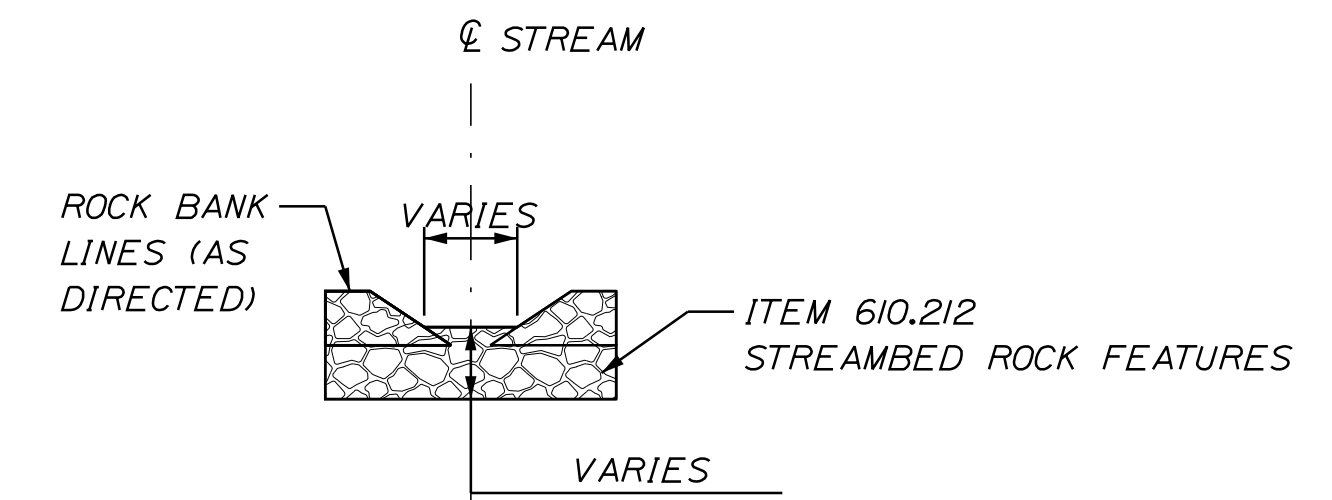
1. THE CULVERT SHALL BE LINED WITH 1.5'-2.5' (ON CENTERLINE) OF STREAMBED BACKFILL MATERIAL ACCORDING TO SPECIAL PROVISION 203.33 - SPECIAL FILL. BANKLINES SHALL BE PAID FOR UNDER ITEM 610.210 STREAM CHANNEL ROCK. ROCK BANDS SHALL BE PAID FOR UNDER ITEM 610.212 STREAMBED ROCK FEATURES.
2. LAYOUT AND CONFIGURATION FOR SPECIAL FILL, ROCK BANDS, AND ROCK BANK LINES SHALL BE APPROVED BY THE RESIDENT AND/OR MAINE DOT ENVIRONMENTAL STAFF.
3. CONSTRUCTION, HANDLING AND ASSEMBLY OF THE PIPE UNITS SHALL BE IN ACCORDANCE WITH MAINE DOT STANDARD SPECIFICATIONS 603 AND THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.
4. THE POLYMER-COATED STEEL PIPE ARCH SHALL BE BEDDED ON A 1-FT LAYER OF COMPACTED GRANULAR BORROW, MATERIAL FOR UNDERWATER BACKFILL.
5. COFFERDAMS ARE TO BE PLACED AT BOTH THE DOWNSTREAM AND UPSTREAM ENDS OF THE PIPE STRUCTURE TO ALLOW WATER TO BE PUMPED AND REMOVED DURING CONSTRUCTION OF THE STEEL PIPE ARCH.
6. VOIDS IN RIPRAP APRONS SHALL BE INFILLED WITH SPECIAL FILL WATERED-IN AND TAMPED.



PIPE ARCH SECTION A-A (THRU ROCKBAND)
N.T.S.



PIPE ARCH SECTION B-B
N.T.S.



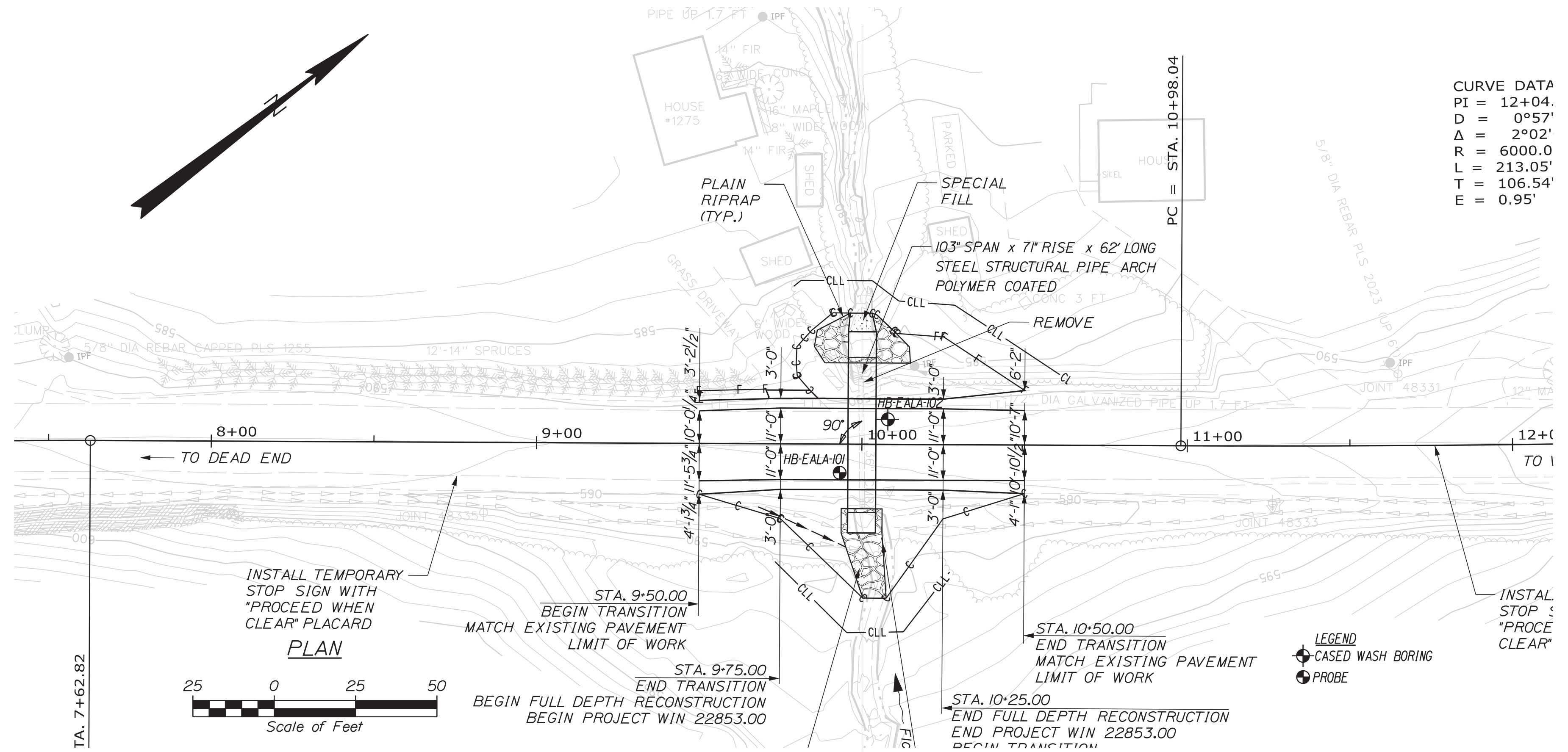
PIPE ARCH SECTION C-C (UPSTREAM GRADING)
N.T.S.

PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED						
CHECKED-REVIEWED						
DESIGN-DETAILED						
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

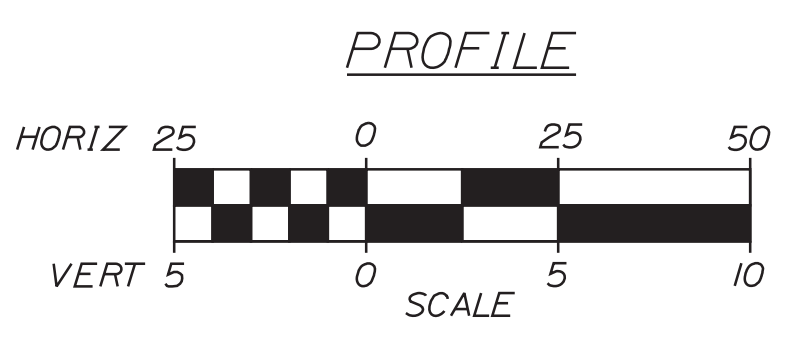
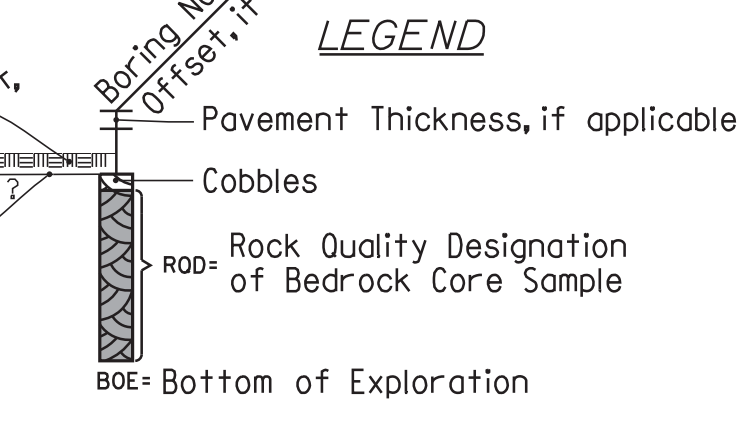
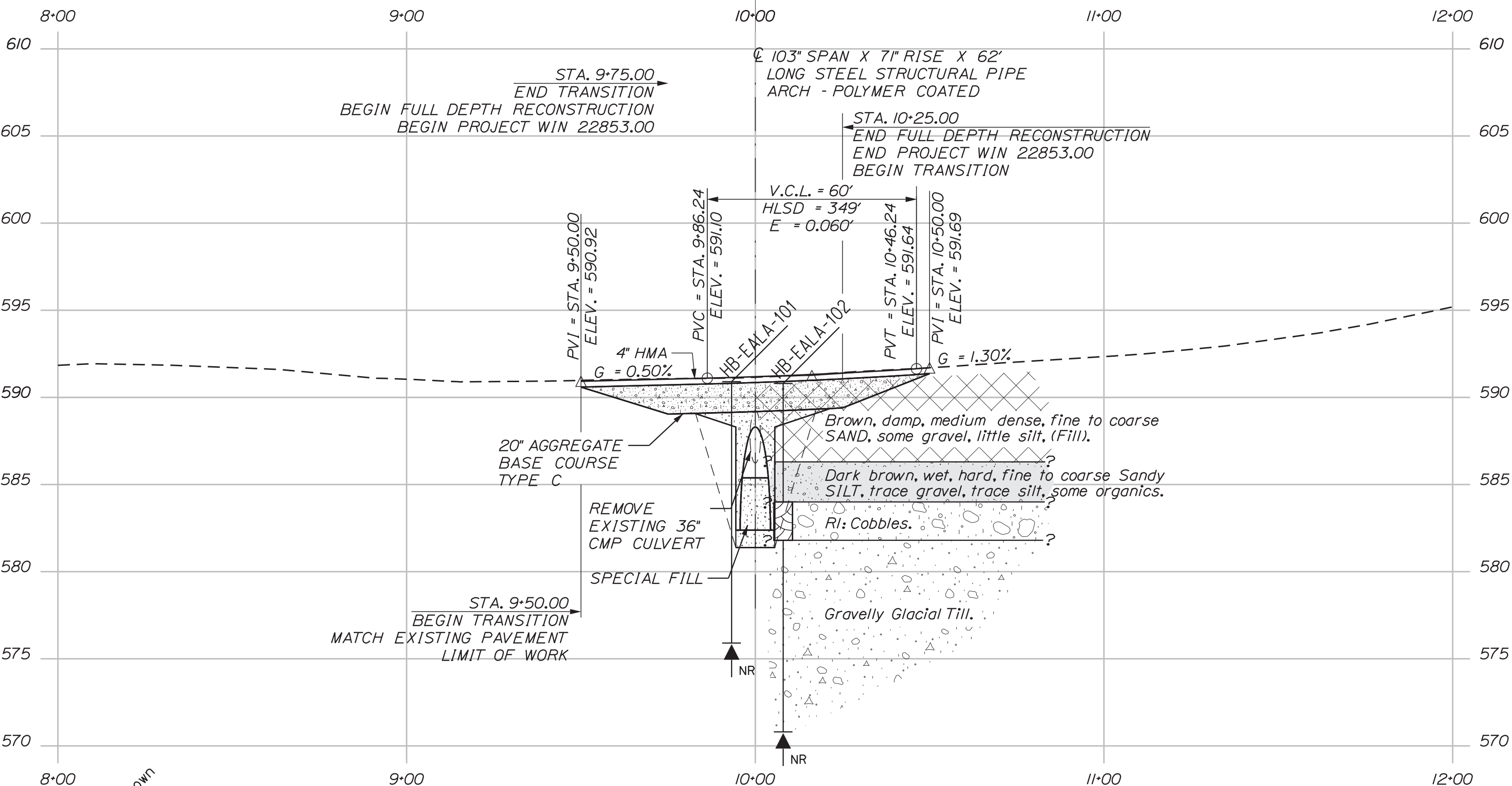
SHEET NUMBER

3

OF 10



CURVE DATA
 PI = 12+04.
 D = 0°57'
 Δ = 2°02'
 R = 6000.0'
 L = 213.05'
 T = 106.54'
 E = 0.95'



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.

Maine Department of Transportation Soil/Bore Exploration Log US CUSTOMER UNITS		Project: Relocation of XC-180749 on Sly Brook Road Location: Eagle Lake, Maine		Boring No.: HB-EALA-101 WIN: 22853.00	
Drilling Contractor: MainDOT	Elevation (ft.): 590.8	Auger ID/OD: 5" Solid Stem	Operator: Doggett	Date: NAV98	Sampler: N/A
Logged By: B. Willard	Rig Type: CME 45C	Header Wt./Fall: N/A	Date Start/Finish: 5/17/2016 13:00-14:00	Drilling Method: Solid Stem Auger	Core Barrel: N/A
Boring Location: 9+85.2, 9.3 ft L.L.	Casting ID/OD: N/A	Water Level: None Observed	DEFINITIONS: Split Spoon Sample M = Unconsolidated Thin Wall Tube Sample Attempt W = Weight of 1 Person S = Sample of Auger Flight R = Rock Core Sample S _u = Peak/Retained Field Test Undrained Shear Strength (psi) W _u = Rock Torque Shear Strength (psi) B = Bucket Sample per Auger Flight SA = Solid Stem Auger S _u = Lab Test Undrained Shear Strength (psi) W = None Contact, percut MB = Unconsolidated Split Spoon Sample Attempt HSA = Hollow Stem Auger S _u = Unconfined Compressive Strength (psi) LL = Liquid Limit T = Thin Wall Tube Sample HC = Header Core S _u = Unconfined Compressive Strength (psi) PI = Plasticity Index M = Unconsolidated Field Vane Shear Test Attempt MW = Weight of 140lb. Hammer N ₆₀ = New Field SPT Blowcount R _u = Rock Torque Shear Strength (psi) F = Field Vane Shear Test Attempt H = Pocket Hammer MW = Weight of Blow or Casting N ₆₀ = Hammer Efficiency Factor (0.50-1.00) P = Plasticity Index M = Unconsolidated Field Vane Shear Test Attempt MW = Weight of Blow or Casting N ₆₀ = Hammer Efficiency Factor (0.50-1.00) P = Plasticity Index		
Sample Information					
Depth (ft.)	Sample No.	Pen./Rec. (ft.)	Sample Depth (ft.)	Blow Count (blows/ft.)	Notes
0					
5	10	24/13	1.00 - 3.00	9/10/4/6	16 24
5	20	21/6/18	5.00 - 6.80	4/11/16/20/13/4/7	27 41 26
5	RI		6.80 - 9.00		2100
20					
Visual Description and Remarks					
Power Auger Probe, no material description taken.					
Bottom of Exploration at 15.0 feet below ground surface. NO REFUSAL					
Laboratory Testing Results: AASHTO and Unified Class					
Shear Strength: 11000 (represent approximate boundary between soil types; transition may be gradual). * Refer to test readings have been made at 1 ft. and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.					

Maine Department of Transportation Soil/Bore Exploration Log US CUSTOMER UNITS		Project: Relocation of XC-180749 on Sly Brook Road Location: Eagle Lake, Maine		Boring No.: HB-EALA-102 WIN: 22853.00	
Drilling Contractor: MainDOT	Elevation (ft.): 590.8	Auger ID/OD: 5" Solid Stem	Operator: Doggett	Date: NAV98	Sampler: Standard Split Spoon
Logged By: B. Willard	Rig Type: CME 45C	Header Wt./Fall: 140/20"	Date Start/Finish: 5/17/2016 13:00-14:00	Drilling Method: Closed Wash Boring	Core Barrel: N/A
Boring Location: 10+08, 7.6 ft L.L.	Casting ID/OD: N/A-3"	Water Level: None Observed	DEFINITIONS: Split Spoon Sample M = Unconsolidated Thin Wall Tube Sample Attempt W = Weight of 1 Person S = Sample of Auger Flight R = Rock Core Sample S _u = Peak/Retained Field Test Undrained Shear Strength (psi) W _u = Rock Torque Shear Strength (psi) B = Bucket Sample per Auger Flight SA = Solid Stem Auger S _u = Lab Test Undrained Shear Strength (psi) W = None Contact, percut MB = Unconsolidated Split Spoon Sample Attempt HSA = Hollow Stem Auger S _u = Unconfined Compressive Strength (psi) LL = Liquid Limit T = Thin Wall Tube Sample HC = Header Core S _u = Unconfined Compressive Strength (psi) PI = Plasticity Index M = Unconsolidated Field Vane Shear Test Attempt MW = Weight of 140lb. Hammer N ₆₀ = New Field SPT Blowcount R _u = Rock Torque Shear Strength (psi) F = Field Vane Shear Test Attempt H = Pocket Hammer MW = Weight of Blow or Casting N ₆₀ = Hammer Efficiency Factor (0.50-1.00) P = Plasticity Index M = Unconsolidated Field Vane Shear Test Attempt MW = Weight of Blow or Casting N ₆₀ = Hammer Efficiency Factor (0.50-1.00) P = Plasticity Index		
Sample Information					
Depth (ft.)	Sample No.	Pen./Rec. (ft.)	Sample Depth (ft.)	Blow Count (blows/ft.)	Notes
0					
0	10	24/13	1.00 - 3.00	9/10/4/6	16 24
5	20	21/6/18	5.00 - 6.80	4/11/16/20/13/4/7	27 41 26
5	RI		6.80 - 9.00		2100
20					
Visual Description and Remarks					
Brown, damp, medium dense, fine to coarse SAND, some gravel, little silt, (fill).					
Dark brown, wet, hard, fine to coarse SANDY SILT, trace gravel, trace silt, some organics.					
Ri: Cobbles.					
Gravelly Glacial Till.					
Bottom of Exploration at 20.0 feet below ground surface. NO REFUSAL					
Laboratory Testing Results: AASHTO and Unified Class					
Shear Strength: 11000 (represent approximate boundary between soil types; transition may be gradual). * Refer to test readings have been made at 1 ft. and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.					

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

CAPITAL PROJECTS

EAGLE LAKE SLY BROOK ROAD

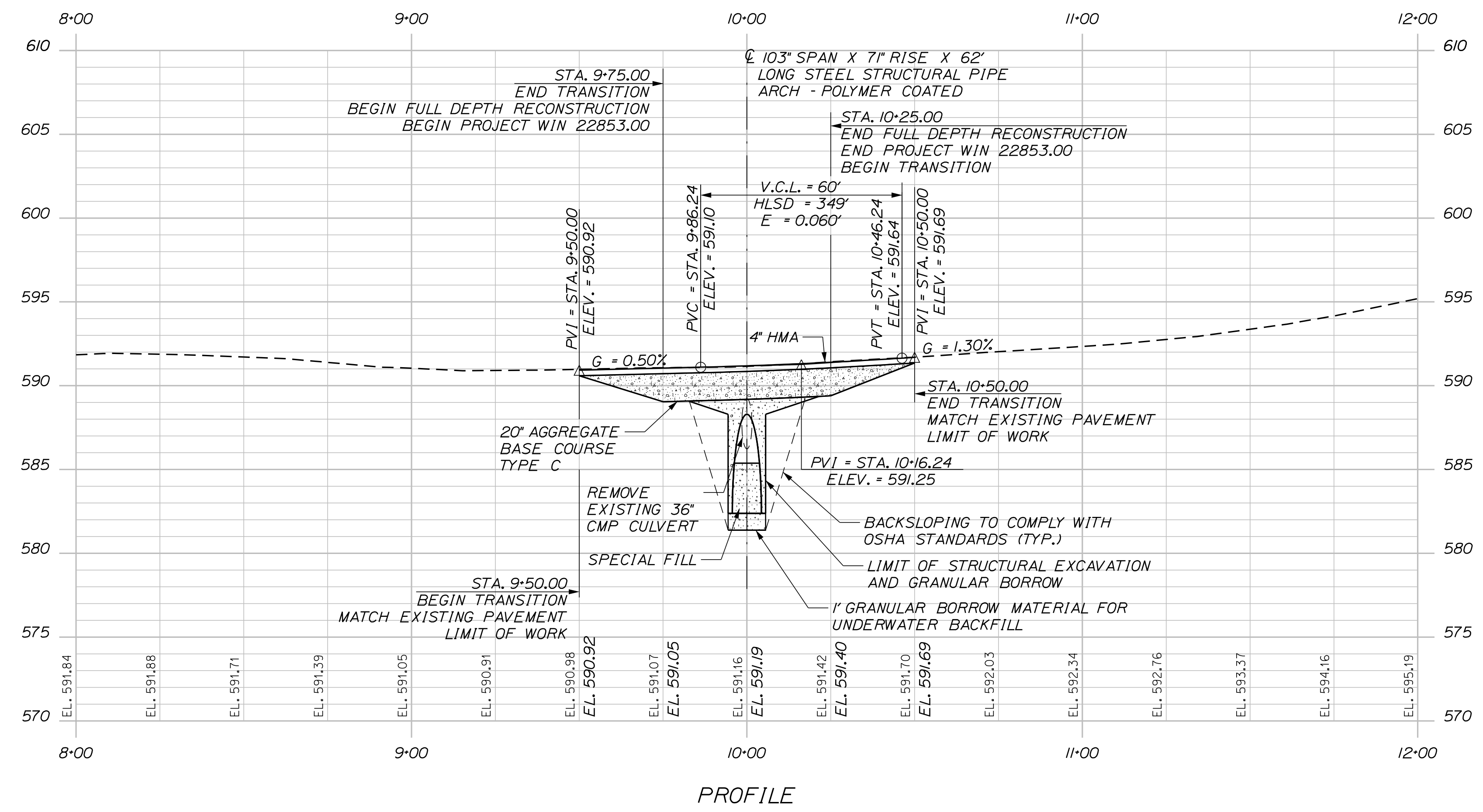
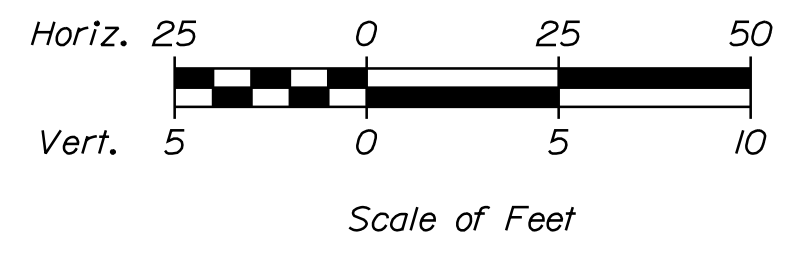
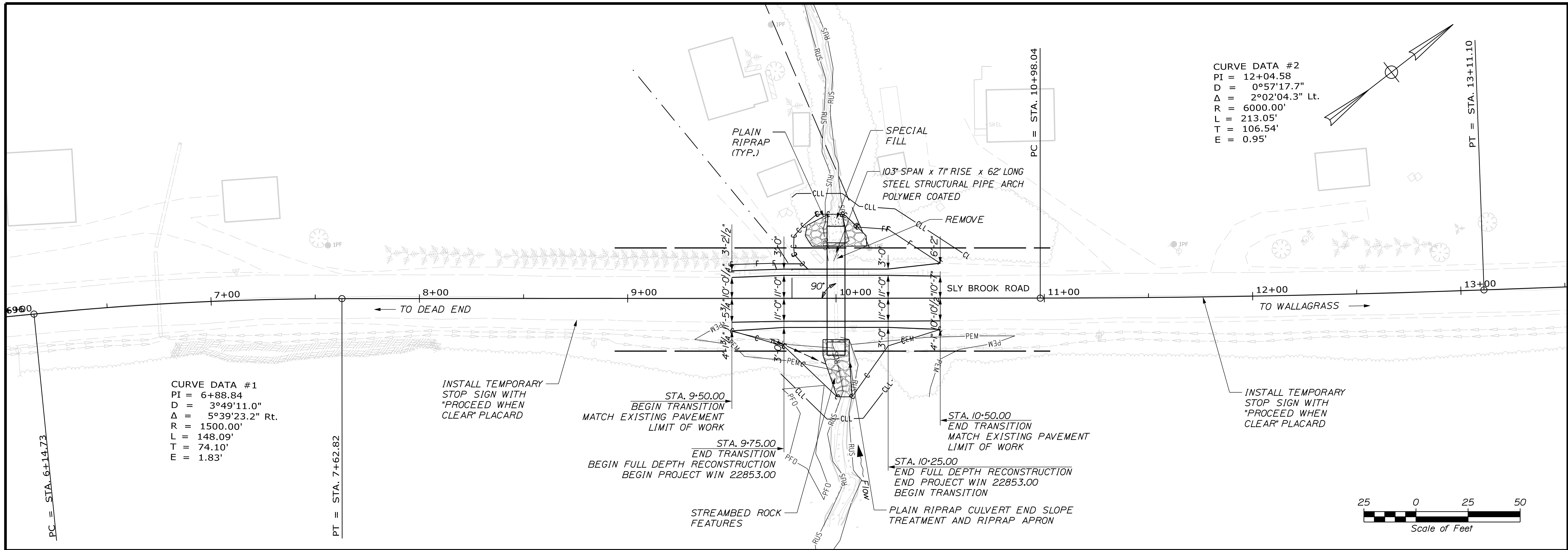
BORING LOCATION PLAN & INTERPRETIVE SUBSURFACE PROFILE WITH BORING LOGS

SHEET NUMBER **4** OF 10

WIN 22853.00 HIGHWAY PLANS

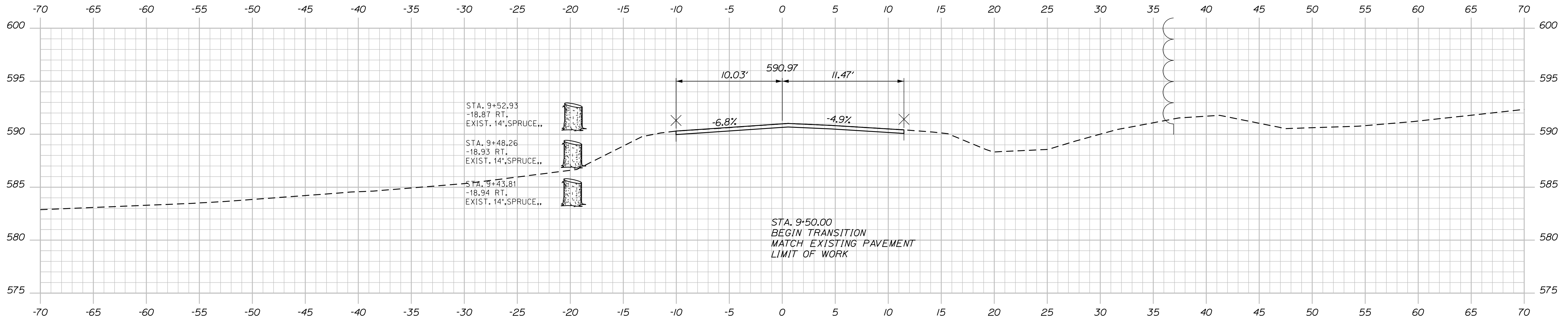
DATE: JUN 2020
 BY: T. WHITE
 PROJECT MANAGER: C. RUSSELL
 CHECKED/REVIEWED: C. RUSSELL
 DESIGNED/DETAILS: C. RUSSELL
 REVISIONS: 1, 2, 3, 4
 FIELD CHANGES: 1, 2, 3, 4

SIGNATURE: Coby A. Russell
 P.E. NUMBER: 15666
 DATE: 6/22/2020

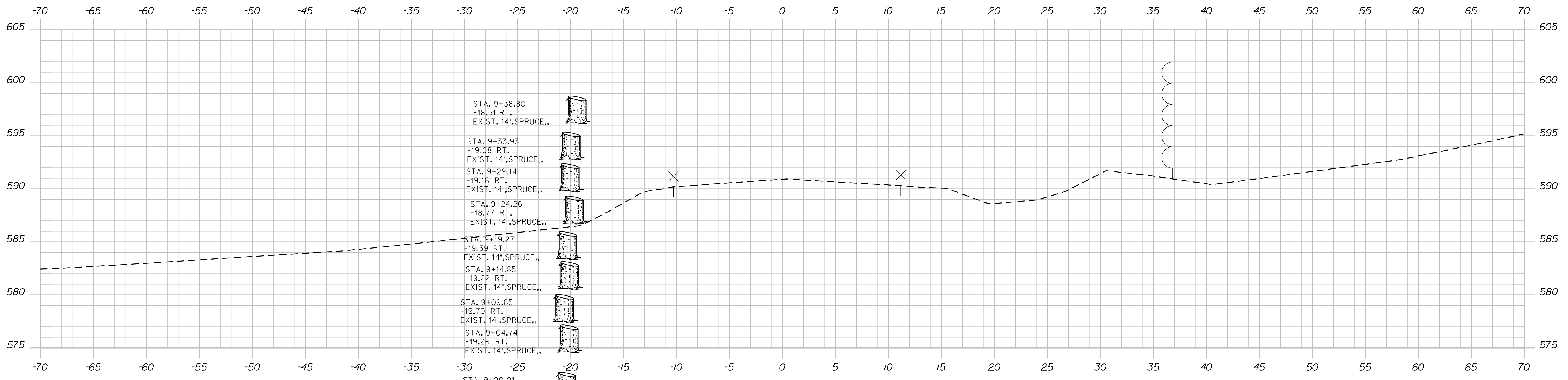


PROFILE

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		CAPITAL PROJECTS	
EAGLE LAKE		SLY BROOK ROAD		PLAN/PROFILE	
SHEET NUMBER		5		OF 10	
WIN		22853.00		HIGHWAY PLANS	
PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER
CHECKED-REVIEWED					
DESIGNS-DETAILED					
DESIGNS-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES				DATE	



9+50.00



9+25.00

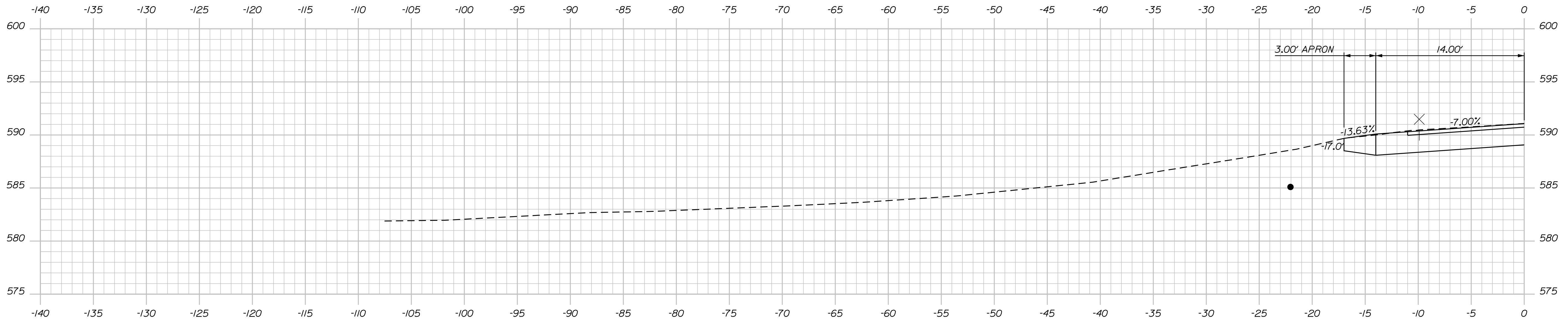
PROJ. MANAGER	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED				
CHECKED-REVIEWED				
DESIGN-DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

EAGLE LAKE
SLY BROOK ROAD
CROSS SECTIONS

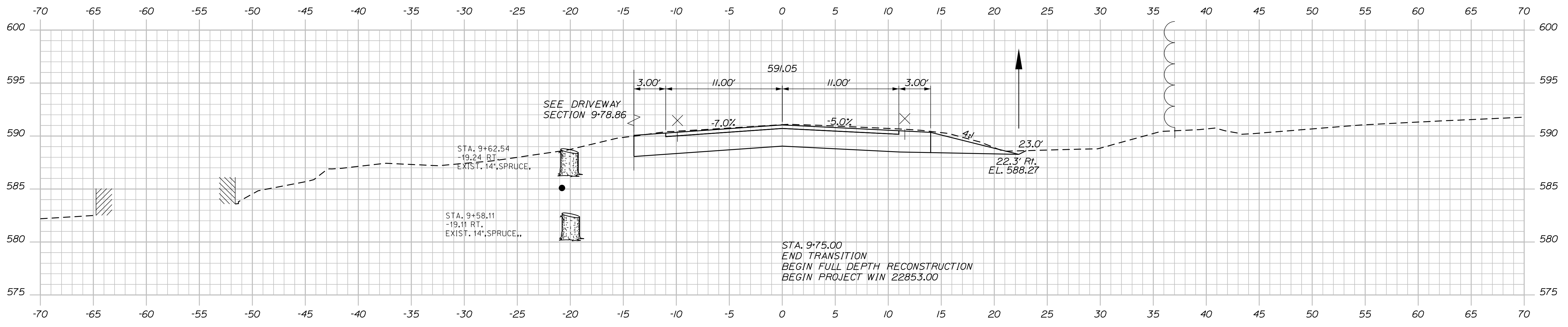
SHEET NUMBER

6

OF 10



9+78.86



9+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CAPITAL PROJECTS
WIN
22853.00
HIGHWAY PLANS

PROJ. MANAGER	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN DETAILED				
CHECKED/REVIEWED				
DESIGN DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

EAGLE LAKE
SLY BROOK ROAD
CROSS SECTIONS

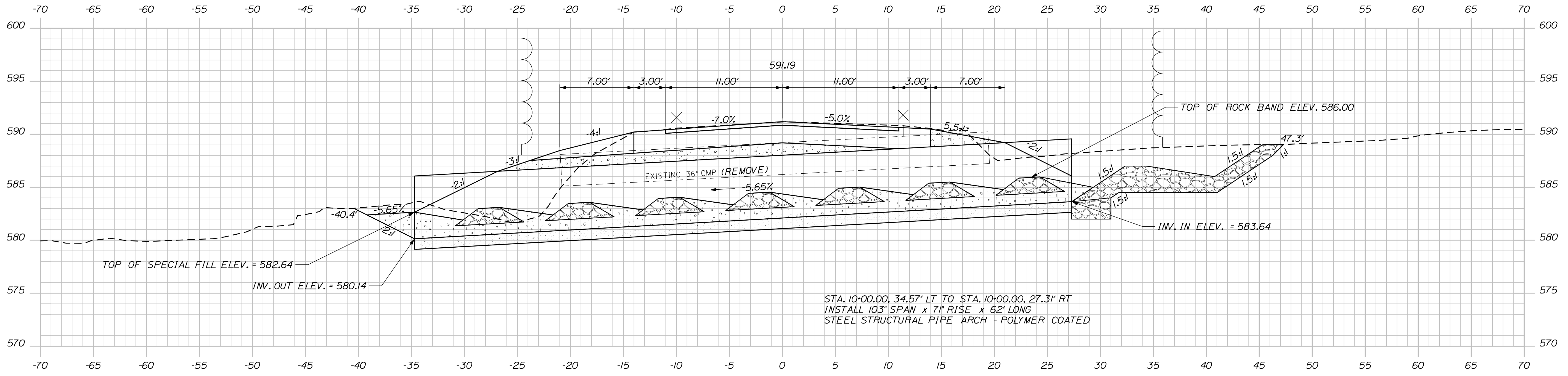
SHEET NUMBER
7
OF 10

Date: 6/23/2020

Username: chris.helstrom

Division: HIGHWAY

Filename: ... \00\HIGHWAY\STA\008_Xsect.dgn



9+85.25 LT TO 10+14.78 LT
 INSTALL PLAIN RIPRAP CULVERT END
 SLOPE TREATMENT AND RIPRAP APRON

10+00.00

STA. 10+00.00, 34.57' LT TO STA. 10+00.00, 27.31' RT
 INSTALL 103" SPAN x 7' RISE x 62' LONG
 STEEL STRUCTURAL PIPE ARCH - POLYMER COATED

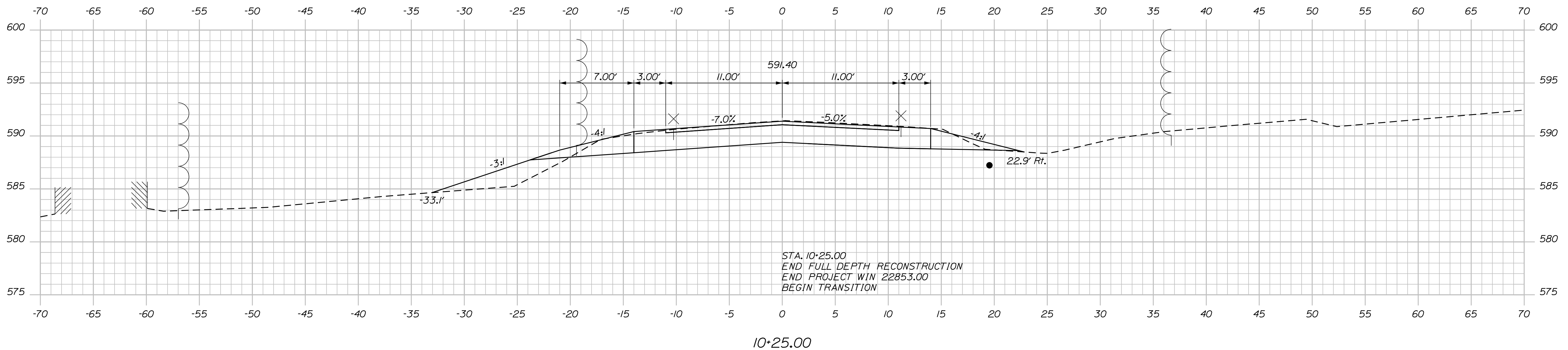
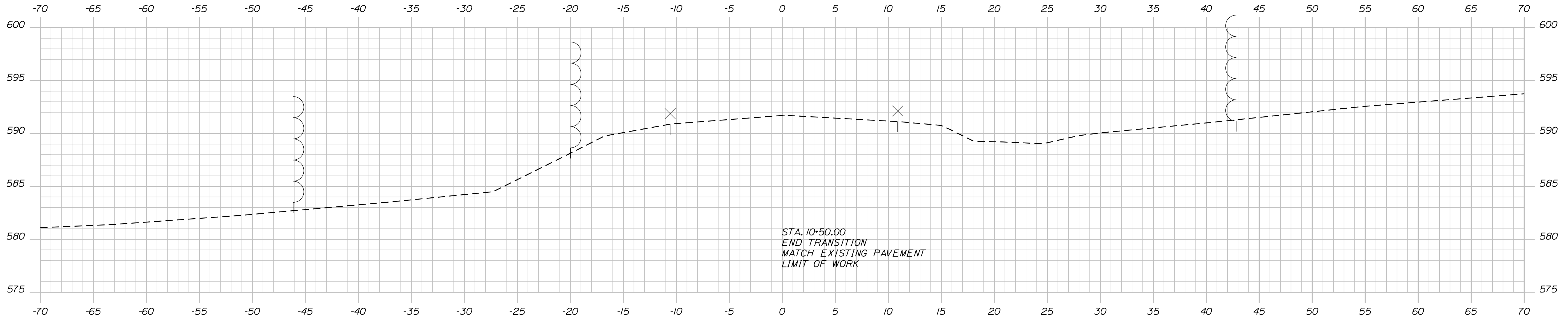
9+93.71 RT TO 10+06.50 RT
 INSTALL PLAIN RIPRAP CULVERT END
 SLOPE TREATMENT AND RIPRAP APRON

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 CAPITAL PROJECTS
 WIN
 22853.00
 HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED					
CHECKED-REVIEWED					
DESIGN-DETAILED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

EAGLE LAKE
 SLY BROOK ROAD
 CROSS SECTIONS

SHEET NUMBER
 8
 OF 10



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 CAPITAL PROJECTS
 WIN
 22853.00
 HIGHWAY PLANS

PROJ. MANAGER	DATE	SIGNATURE	P.E. NUMBER	DATE
CHECKED-REVIEWED				
DESIGNS-DETAILED				
DESIGNS-DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

EAGLE LAKE
 SLY BROOK ROAD
 CROSS SECTIONS

SHEET NUMBER
 9
 OF 10

Town, County, State _____
 Approx. Property Lines _____ P.L.
 Existing Right of Way _____
 Limits of Wrought Portion _____ L.O.W.P.
 Control Of Access _____ C.O.A.
 New Right of Way _____
 New Easement _____
 New Temporary Rights _____
 New R/W Within Existing R/W _____

New R/W Along Existing R/W _____
 Building _____
 Trees Conifer _____
 Tree Line _____
 Water Edge _____
 Ledge _____
 Fence CHAIN LINK _____
 Sign _____
 Clearing Limit Line _____
 Bush Line _____
 Rock/Boulder _____
 Flag Pole _____
 BARB WIRE _____
 STOCKADE _____
 WELL _____
 Mailbox _____

PLAN LEGEND

Existing Proposed

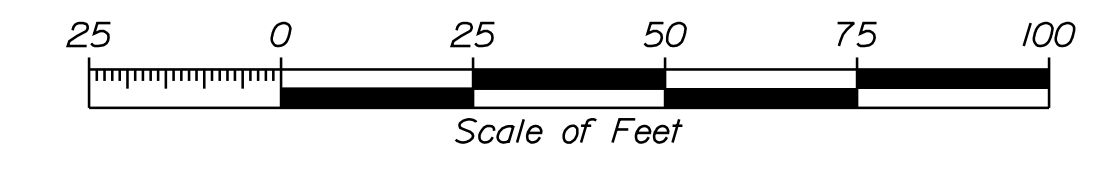
Sanitary Sewer _____
 Telephone Line _____
 Electric Line _____
 Water Line _____
 Underdrain Line _____
 Gas Line _____
 Guardrail _____
 Culvert _____

Travelled Way _____
 Ditch _____
 Catch Basin _____
 Manhole _____
 Sewer Manhole _____
 Utility Pole _____
 Fire Hydrant _____
 Curbing _____

Cut Line _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found _____ IRF
 Replacement Pin Set _____

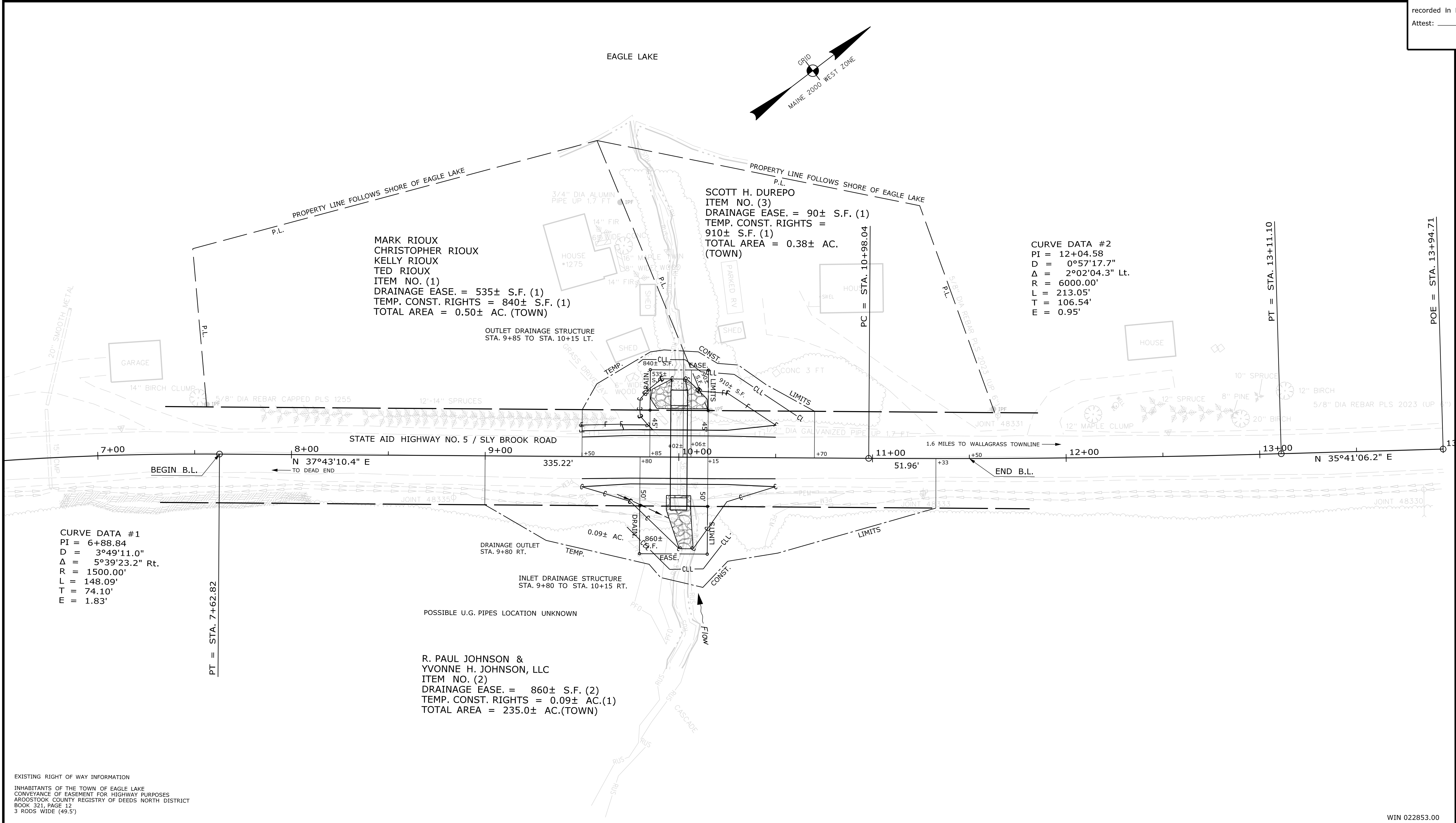
Fill Line _____
 Retaining Wall _____
 Traverse Point _____
 Pipe Found _____ IPF

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ADJACENT PROPERTY OWNERS.



STATE OF MAINE
 REGISTRY OF DEEDS

COUNTY _____
 RECEIVED _____,
 at _____ h _____ m _____ M and
 recorded in Plan Bk _____, Pg. _____
 Attest: _____ REGISTER



ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	G.L.L.	
FINAL RIGHT OF WAY	T.L.B.	D.S.G.
AREAS	T.L.B.	D.S.G.

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
 EAGLE LAKE
 RIGHT OF WAY MAP

REVISIONS			PLAN FILED IN PLAN BOOK				PAGE COUNTY RECORD (NORTH)					
NO.	DATE	DESCRIPTION	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	COND.	DATE	BOOK	PAGE
						6/15/2020	2105	5				

BRUCE A. VAN NOTE
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER

DATE _____

STATE AID HIGHWAY NO. 5
 SLY BROOK ROAD
 EAGLE LAKE AROOSTOOK COUNTY
 STATE PROJECT NO. 22853.00

JANUARY 2020
 SCALE 1" = 25'

RIGHT-OF-WAY MAP
 SHEET 1 OF 1

D.O.T. FILE NO. 2-616

SHEET NUMBER
10
 OF 10

Filename: ... \00\ROW\MSTA001_RWPLAN1.dgn
 Division: ROW
 Username: Terri.L.Blair
 Date: 6/18/2020