

STATE OF MAINE DEPARTMENT OF TRANSPORTATION

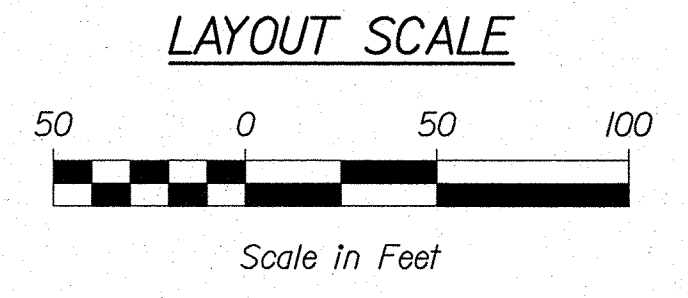
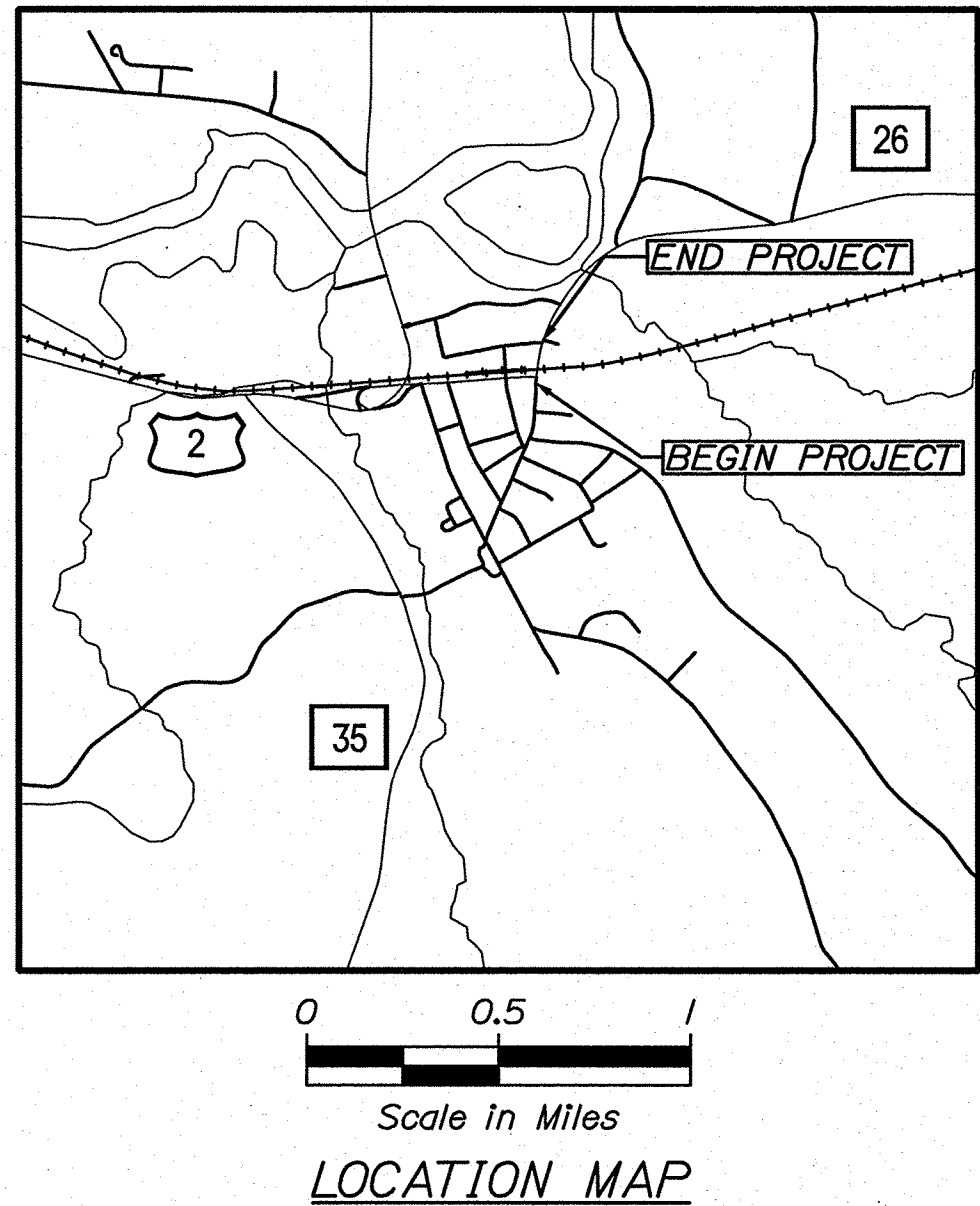
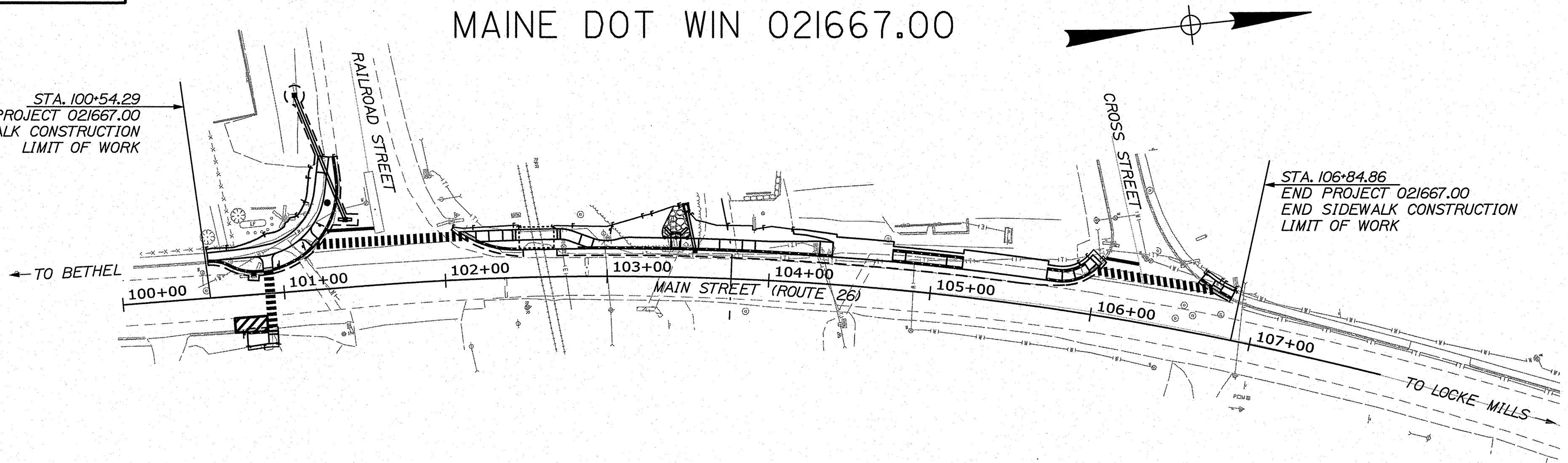


BETHEL OXFORD COUNTY ROUTE 26

FEDERAL PROJECT TAP-2166(700)
PROJECT LENGTH : 0.12 MILES
MAINE DOT WIN 021667.00

INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
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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)	

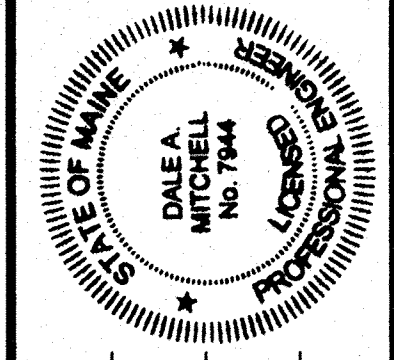


TRAFFIC DATA	
Current (2020) AADT	5150
Future (20XX) AADT	N/A
DHV - % of AADT	N/A
Design Hour Volume	N/A
% Heavy Trucks (AADT)	N/A
Directional Distribution (DHV) ..	N/A
Design Speed (mph)	30
Functional Class: ... Principal Arterial	
Corridor Priority	2

PROJECT LOCATION:	Main Street (Route 26) - Beginning at Railroad Street and extending 0.12 miles north to Cross Street
PROGRAM AREA:	Multimodal Program
SCOPE OF WORK:	Sidewalk Construction, ADA, and Drainage Improvements



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	9-16-22	9-16-22
CHIEF ENGINEER: <i>[Signature]</i>		



SIGNATURE: <i>[Signature]</i>	DATE
Dale A. Mitchell	07/01/2022
No. 7944	
P.E. NUMBER	

PROJECT INFORMATION	
PROGRAM	Multimodal
PROJECT MANAGER	Aurèle Corneau II
DESIGNER	Dale Mitchell
CONSULTANT	HNTB
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 021667.00 TAP-2166(700)
**BETHEL
ROUTE 26
TITLE SHEET**

SHEET NUMBER
1
OF 13

Date: 7/1/2022
Username:
Division:
Filename: 001_Title.dgn

Date: 7/11/2022

Username:

Division:

Filename: 002_General Notes.dgn

PLAN 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 WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
- COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3 INCHES OF HOT MIX ASPHALT.
- 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.
- FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 604, MANHOLES, INLETS AND CATCH BASINS.
- ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 603, PIPE CULVERTS AND STORM DRAINS OR STANDARD SPECIFICATIONS SECTION 605, UNDERDRAINS.
- 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.
- LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED 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.
- 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.
- ALL HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES SHALL BE A 9.5 MM OR 12.5 MM MAINEDOT APPROVED MIX DESIGN. EXCLUDING WATER AND GAS GATE VALVES, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT FOR THE PATCH AT LEAST TWO FEET AWAY FROM THE NEAREST EDGE OF THE STRUCTURE. THE CONTRACTOR SHALL PLACE HMA IN LIFTS OF 2 INCHES OR LESS, AS DIRECTED BY THE RESIDENT, AND COMPACT THE HMA USING A MINIMUM OF A 150-POUND PLATE COMPACTOR. HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES IS CONSIDERED INCIDENTAL TO THE RESPECTIVE PAY ITEM FOR ADJUST, ALTER, OR REBUILD UTILITY STRUCTURE.

UTILITY NOTES:

- THE CONTRACTOR SHALL COORDINATE WITH THE BETHEL WATER DISTRICT (BWD), WITH A MINIMUM OF 2 WEEKS NOTICE PRIOR TO WORK AT CB #2 AND CB #3 DUE TO PROXIMITY TO WATER LINE. BWD SHALL BE ON SITE DURING INSTALLATION OF CB#3 AND THE 79 FOOT, 15-INCH OPTION III PIPE AND WILL PROVIDE INSULATION AND INSTALLTION INSTRUCTIONS BASED ON THE VERTICAL SEPARATION BETWEEN THE CULVERT AND WATER LINE.
- THE CONTRACTOR SHALL COORDINATE WITH THE BETHEL WASTE WATER TREATMENT DEPARTMENT (BWWTD) A MINIMUM OF 2 WEEKS PRIOR TO INSTALLATION OF CB#3 DUE TO PROXIMITY TO SEWER SERVICE WHICH MAY CONFLICT WITH CATCH BASIN INSTALLATION. BWWTD MAY NEED TO RECONFIGURE SEWER SERVICE AROUND THE PROPOSED CB#3.

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.20	Common Excavation	260	CY
203.25	Granular Borrow	11	CY
206.061	Structural Earth Excavation - Drainage and Minor Structures, Below Grade	17	CY
304.10	Aggregate Subbase Course - Gravel	260	CY
403.208	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size	18	TON
403.209	Hot Mix Asphalt, 9.5 mm Nominal Maximum Size (sidewalk, drives, islands & incidentals)	69	TON
403.213	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size (base and intermediate course)	53	TON
409.15	Bituminous Tack Coat - Applied	16	GAL
508.13	Sheet Waterproofing Membrane (10 SY)	1	LS
511.07	Cofferdam	1	LS
534.71	Precast Concrete Box Culvert (5 CY)	1	LS
603.159	12 inch Culvert Pipe Option III	24	LF
603.169	15 inch Culvert Pipe Option III	80	LF
603.199	24 inch Culvert Pipe Option III	16	LF
604.092	Catch Basin Type BI-C	1	EA
604.164	Rebuilding Catch Basin	1	EA
604.18	Adjusting Manhole or Catch Basin to Grade	1	EA
604.245	Catch Basin Type F4-C	1	EA
606.356	Underdrain Delineator Post	1	EA
607.163	Chain Link Fence - 4 Foot - PVC Coated	16	LF
608.26	Curb Ramp Detectable Warning Field	110	SF
609.11	Vertical Curb Type I	170	LF
609.12	Curb Type I - Circular	115	LF
609.221	Terminal Curb Type I	120	LF
609.222	Terminal Curb Type I - Circular	69	LF
610.08	Plain Riprap	15	CY
613.319	Erosion Control Blanket	5	SY
615.07	Loam	38	CY
618.13	Seeding Method Number 1	3	UNIT
619.12	Mulch	3	UNIT
619.14	Erosion Control Mix	38	CY
620.58	Erosion Control Geotextile	18	SY
627.733	4" White or Yellow Painted Pavement Marking Line	520	LF
627.75	White or Yellow Pavement and Curb Marking	790	SF
627.77	Removing Existing Pavement Marking	1,050	SF
629.05	Hand Labor, Straight Time	20	HR
631.12	All Purpose Excavator (including operator)	20	HR
639.20	Field Office, Type C	1	EA
645.106	Demount Regulatory, Warning, Confirmation and Route Marker Assembly Sign	4	EA
645.108	Demount Pole	5	EA
645.116	Reinstall Regulatory, Warning, Confirmation and Route Marker Assembly Sign	4	EA
645.118	Reinstall Pole	4	EA
645.292	Regulatory, Warning, Confirmation and Route Marker Assembly Signs Type II	17	SF
652.33	Drum	10	EA
652.34	Cone	40	EA
652.35	Construction Signs	310	SF
652.36	Maintenance of Traffic Control Devices	140	CD
652.38	Flaggers	250	HR
656.75	Temporary Soil Erosion and Water Pollution Control	1	LS
659.10	Mobilization	1	LS
672.10	Precast Concrete Block Gravity Wall	78	SF

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-2166(700)
WIN
021667.00
HIGHWAY PLANS

PROJ. MANAGER	Aurie	Gornau, II	DATE	07/22
DESIGN-DETAILED	PEM	PEM	BY	07/22
CHECKED-REVIEWED	DAM	RWH	DATE	07/22
DESIGNS-DETAILED	-	-	SIGNATURE	-
REVISIONS 1	-	-	P.E. NUMBER	-
REVISIONS 2	-	-	DATE	-
REVISIONS 3	-	-	-	-
REVISIONS 4	-	-	-	-
FIELD CHANGES	-	-	-	-

BETHEL
ROUTE 26
GENERAL NOTES
& ESTIMATED QUANTITIES

SHEET NUMBER

2



NOT TO SCALE

OF 13

Date: 7/11/2022

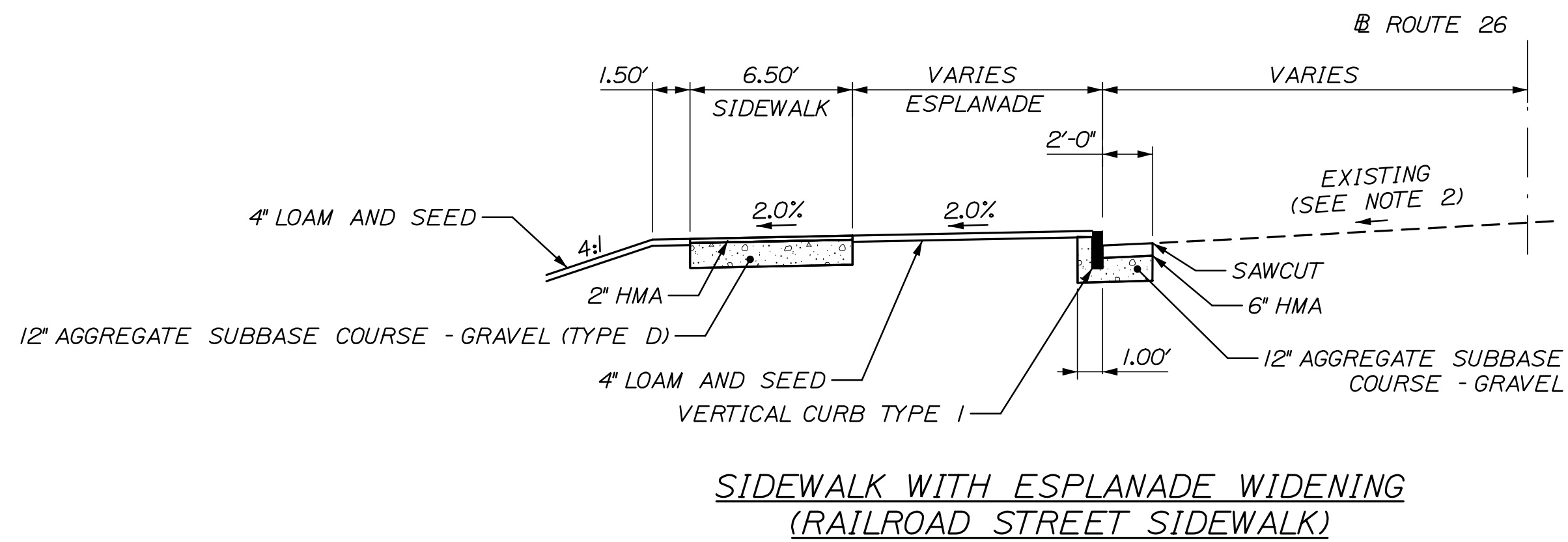
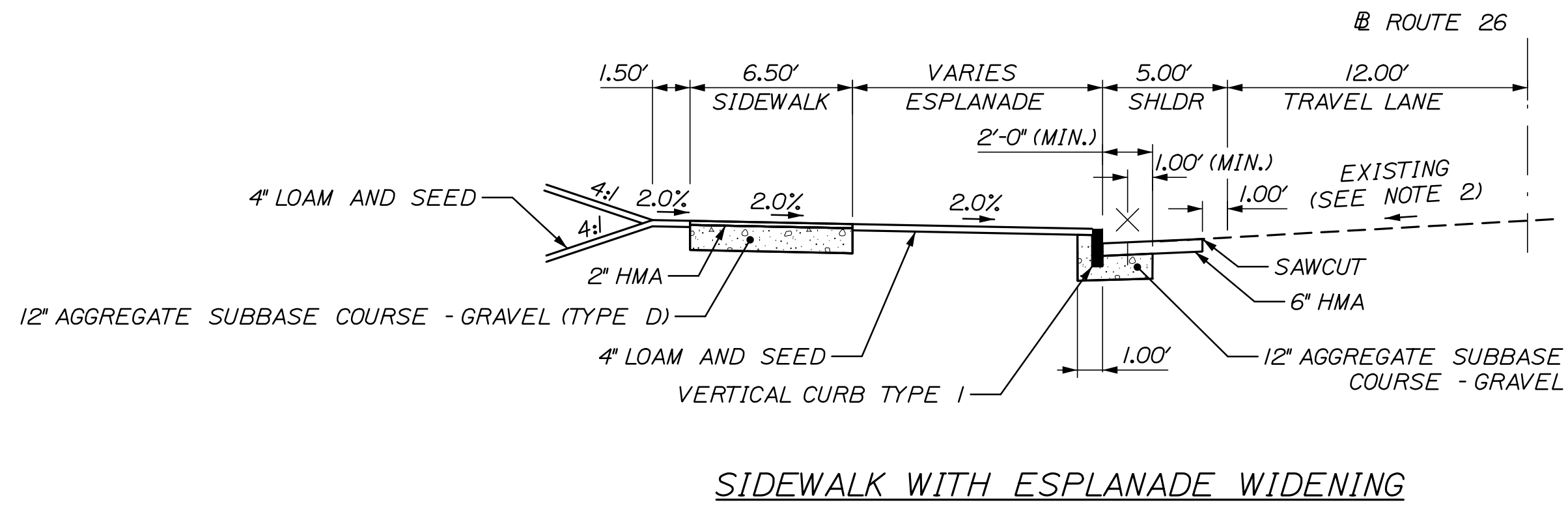
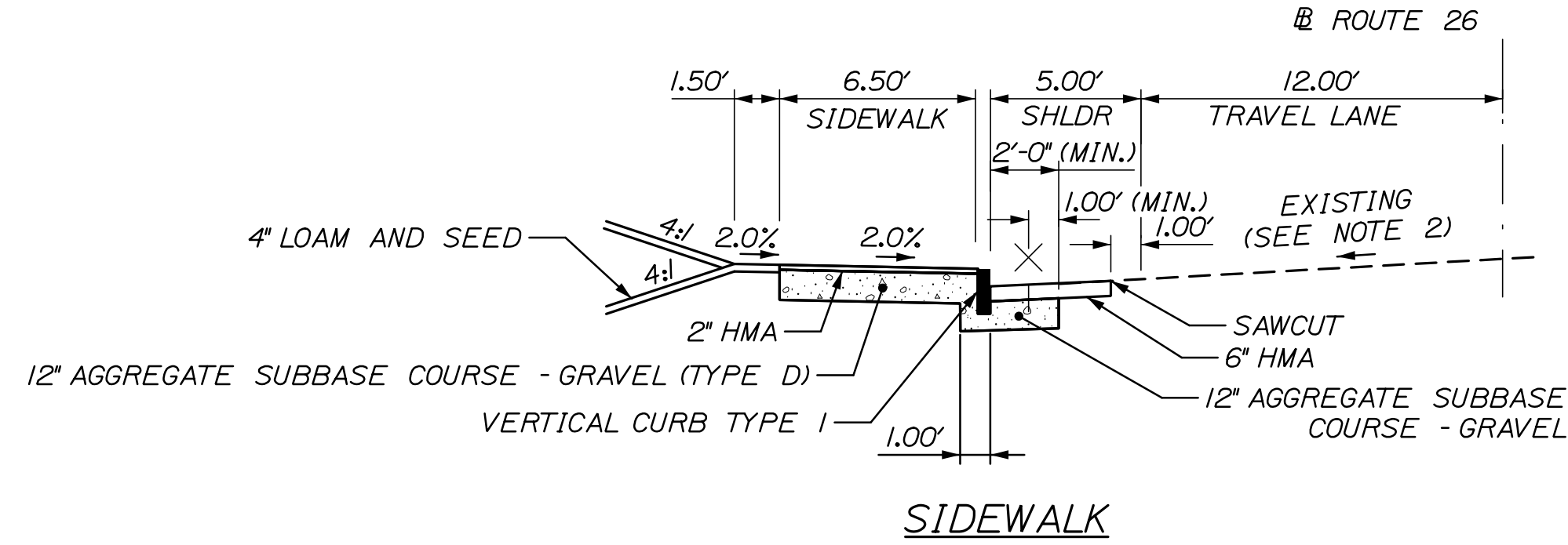
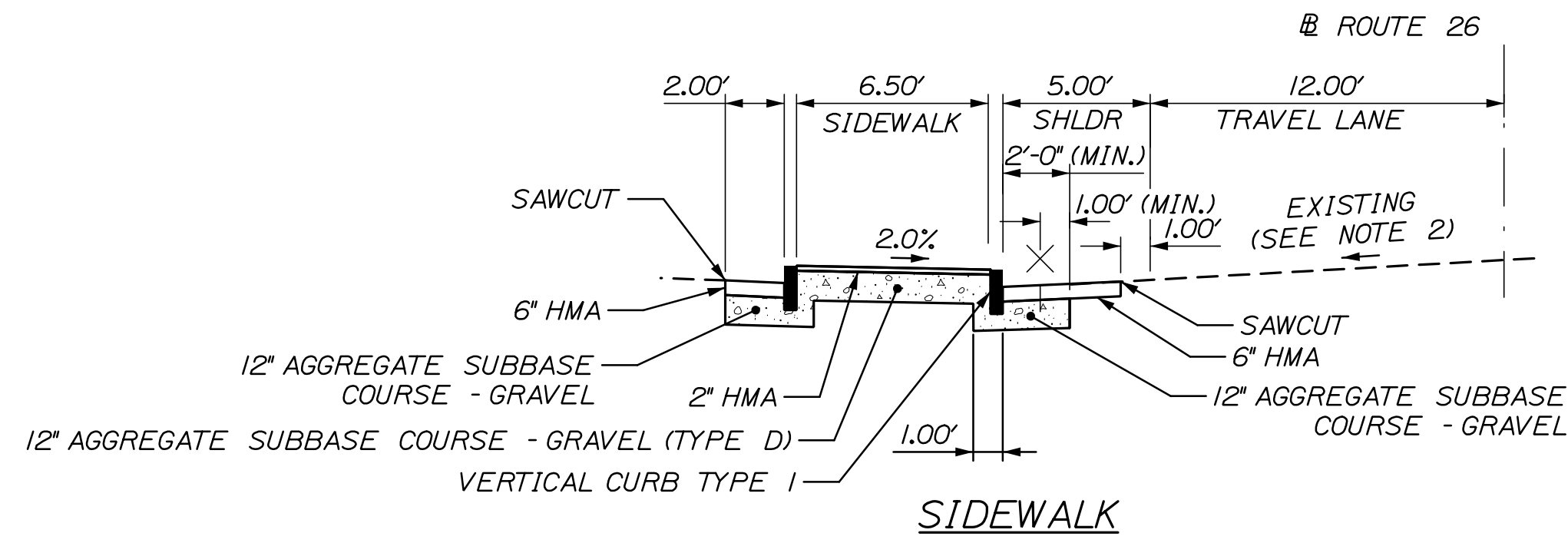
Username:

Division:

Filename: 003_Typical.dgn

NOTES:

- 1. THE PAVEMENT AND BASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
- 2. MATCH EXISTING CROSS SLOPE TO CREATE GUTTER LINE AS DIRECTED BY THE ENGINEER (TYP.)



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-2166(700)
WIN
021667.00
HIGHWAY PLANS

PROJ. MGR	MANAGER	DATE	BY	DATE
DESIGN-DETAILED	PEM	07/22	PEM	07/22
CHECKED-REVIEWED	DAM		RWH	
DESIGN-DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

BETHEL
ROUTE 26
TYPICAL SECTIONS

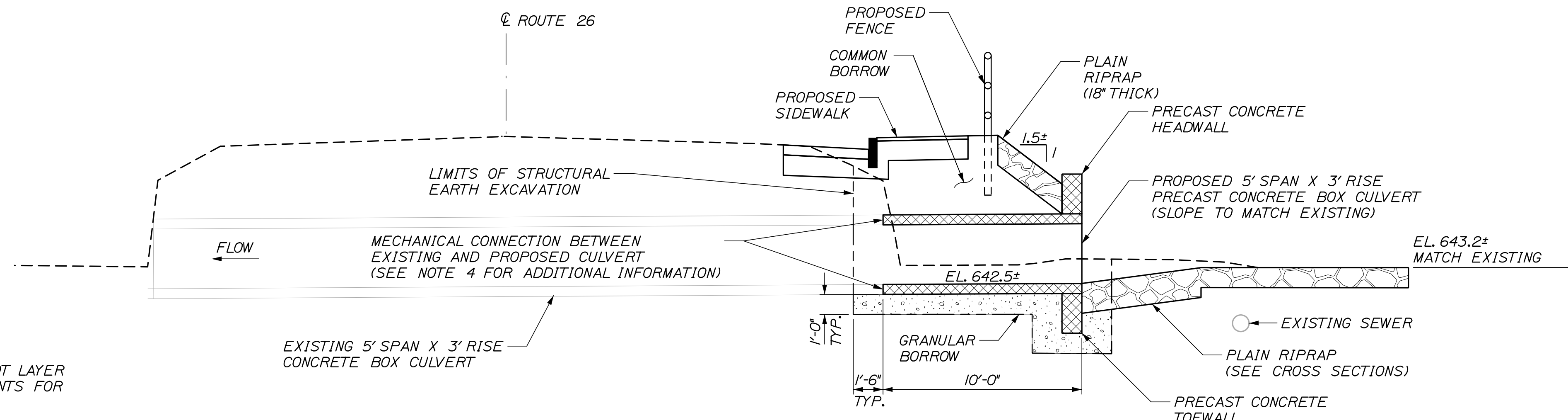
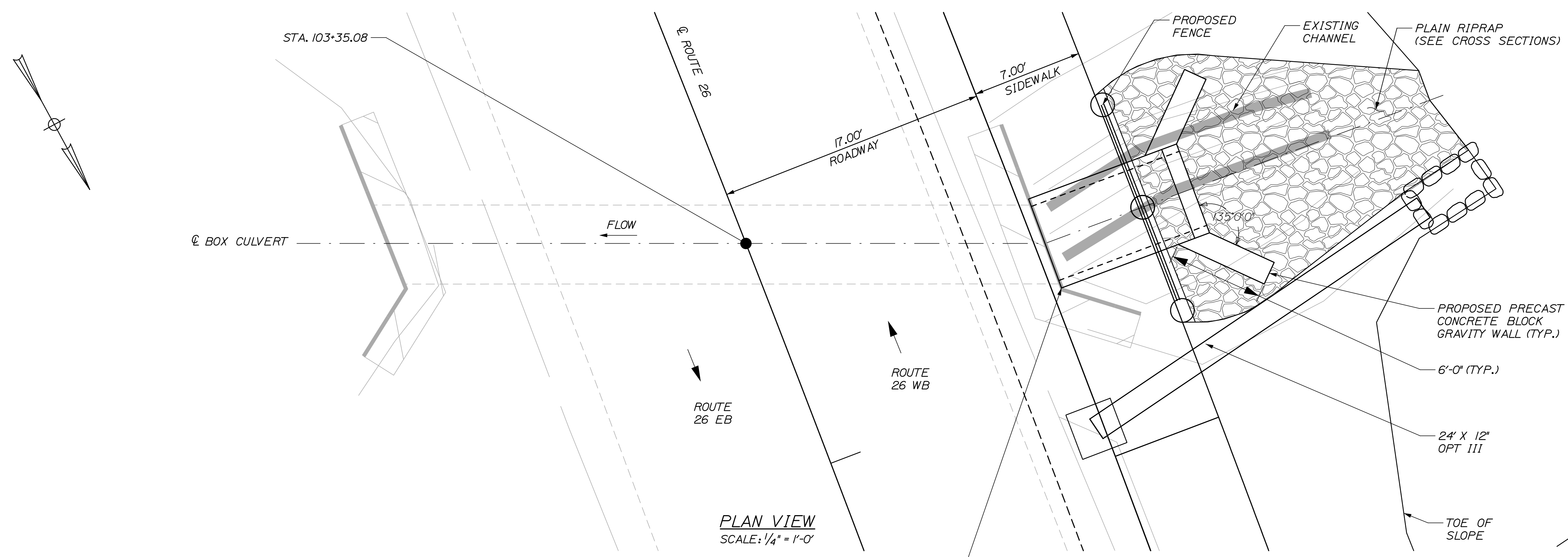
SHEET NUMBER
3
OF 13

Date: 7/11/2022

Username:

Division:

Filename: 004_CulvertPlan.dgn



NOTES:

1. THE PRECAST CONCRETE BOX CULVERT SHALL BE BEDDED ON A 1-FOOT LAYER OF COMPACTED GRANULAR BORROW MATERIAL MEETING THE REQUIREMENTS FOR UNDERWATER BACKFILL.
2. PLAIN RIPRAP SHALL BE USED TO INSLOPE AROUND THE CULVERT END. SEE PLAN AND CROSS SECTIONS FOR ADDITIONAL INFORMATION.
3. A COFFERDAM MAY BE PLACED UPSTREAM OF THE CULVERT TO ALLOW FOR CONSTRUCTION OF THE PROPOSED CULVERT EXTENSION. BYPASS PUMPING SHALL BE USED TO MAINTAIN NORMAL FLOWS. ADDITIONAL SANDBAGS MAY BE PLACED IN THE EXISTING CULVERT TO MINIMIZE BACKFLOW INTO THE WORK AREA. PAYMENT FOR ADDITIONAL SANDBAGS AND OTHER ELEMENTS TO MINIMIZE BACKFLOW SHALL BE INCIDENTAL TO THE SINGLE ITEM 511.07 COFFERDAM.
4. THE MECHANICAL CONNECTION BETWEEN THE EXISTING BOX CULVERT END AND THE PROPOSED BOX CULVERT EXTENSION SHALL BE DESIGNED BY THE CONTRACTOR AND PRECAST MANUFACTURER. THE DESIGN SHALL BE SUBMITTED TO THE DEPARTMENT FOR REVIEW AND ACCEPTANCE. MECHANICAL CONNECTION DESIGN, INSTALLATION, AND MATERIALS SHALL BE CONSIDERED INCIDENTAL TO ITEM 534.71 PRECAST CONCRETE BOX CULVERT.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
TAP-2166(700)		WIN 021667.00	
HIGHWAY PLANS			
DATE	BY	DATE	SIGNATURE
07/22	PEM	07/22	
07/22	RWH		
			P.E. NUMBER
			DATE
PROJ. MANAGER	Aurèle Gornreau, II		
DESIGN-DETAILED	PEM		
CHECKED-REVIEWED	DAM		
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
			FIELD CHANGES

BETHEL
ROUTE 26
CULVERT EXTENSION DETAILS

SHEET NUMBER
4
OF 13

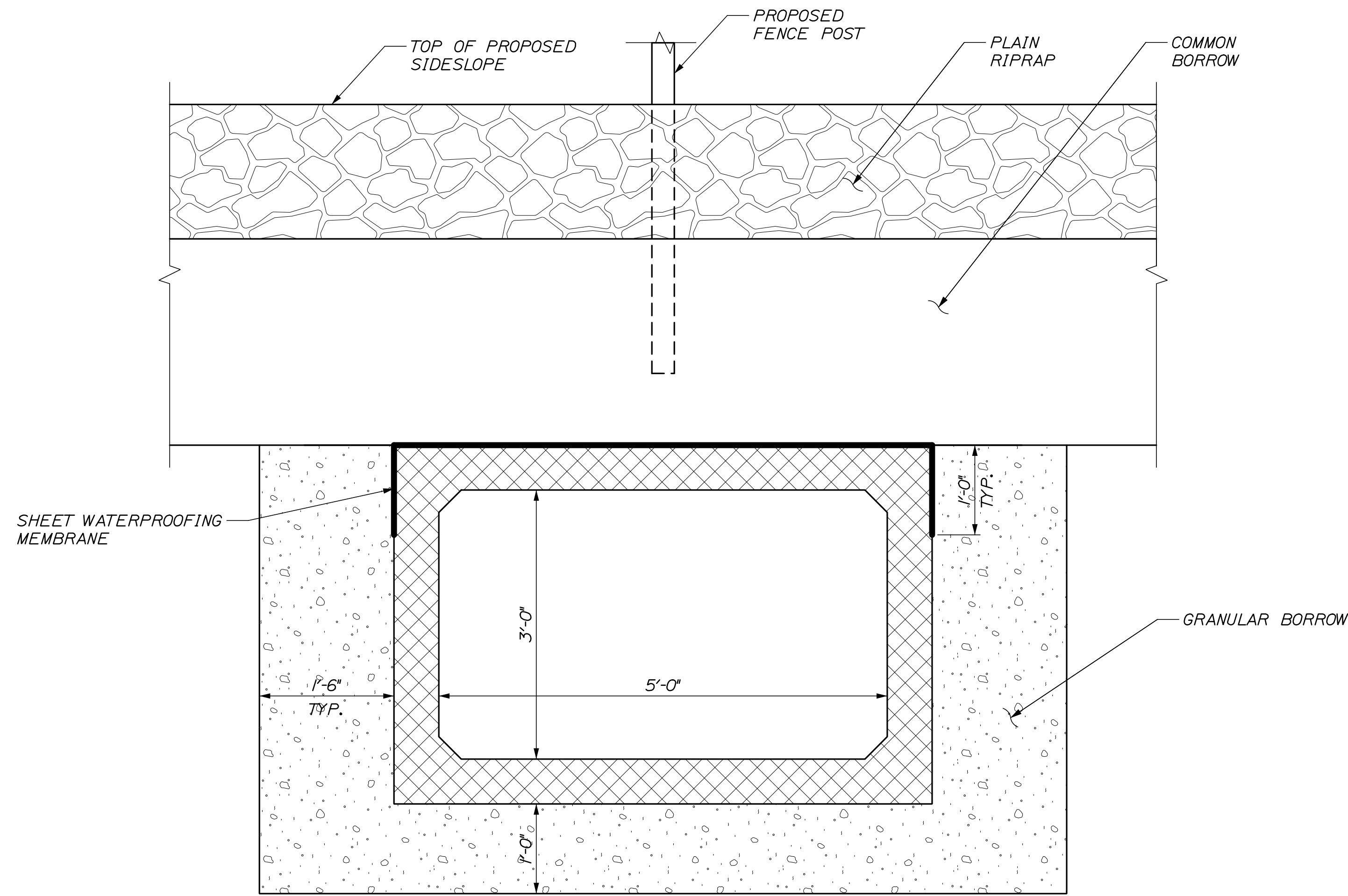


Date: 7/11/2022

Username:

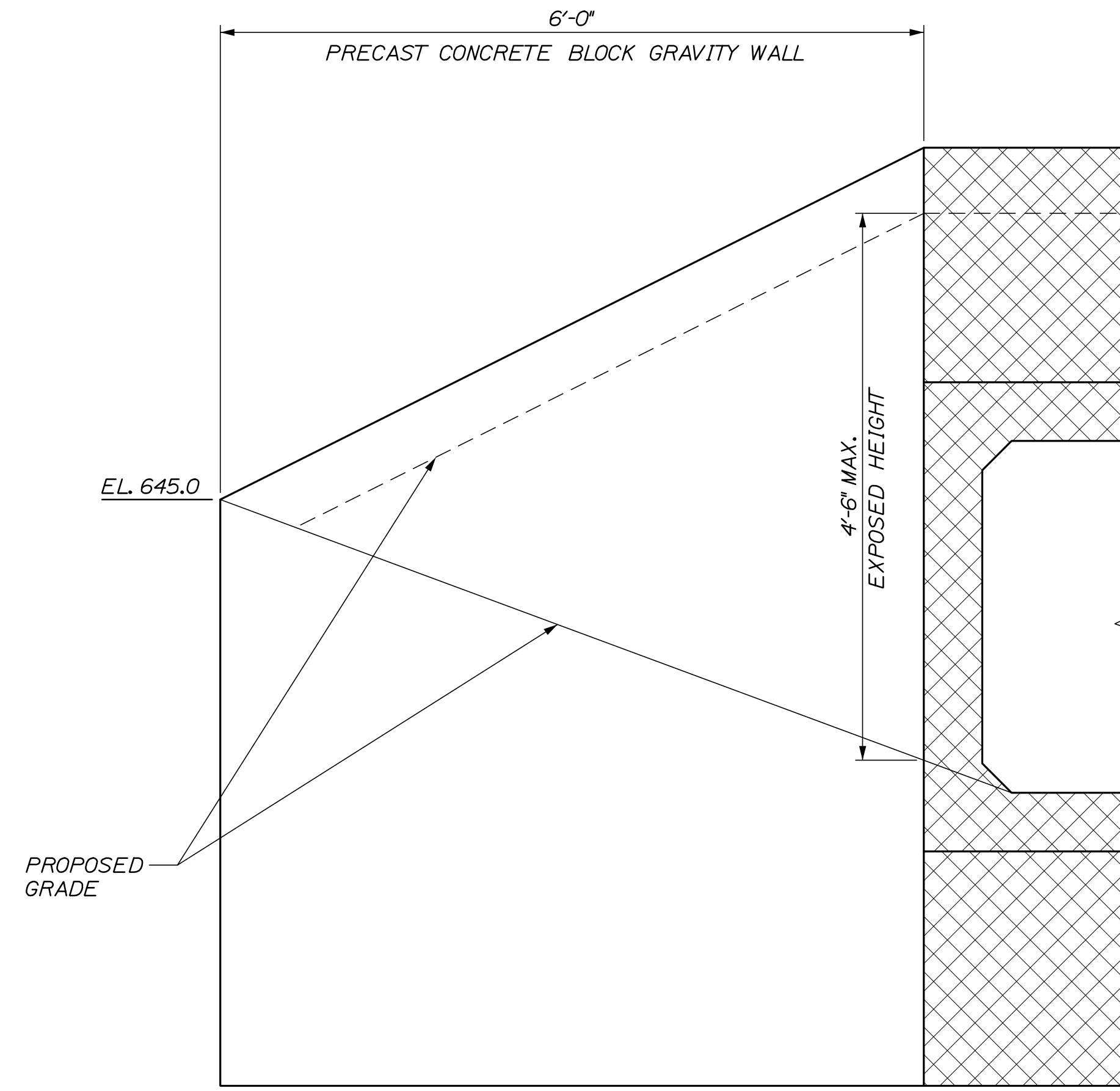
Division:

Filename: 005_Culvert Details 1.dgn



TYPICAL PRECAST CONCRETE BOX CULVERT SECTION

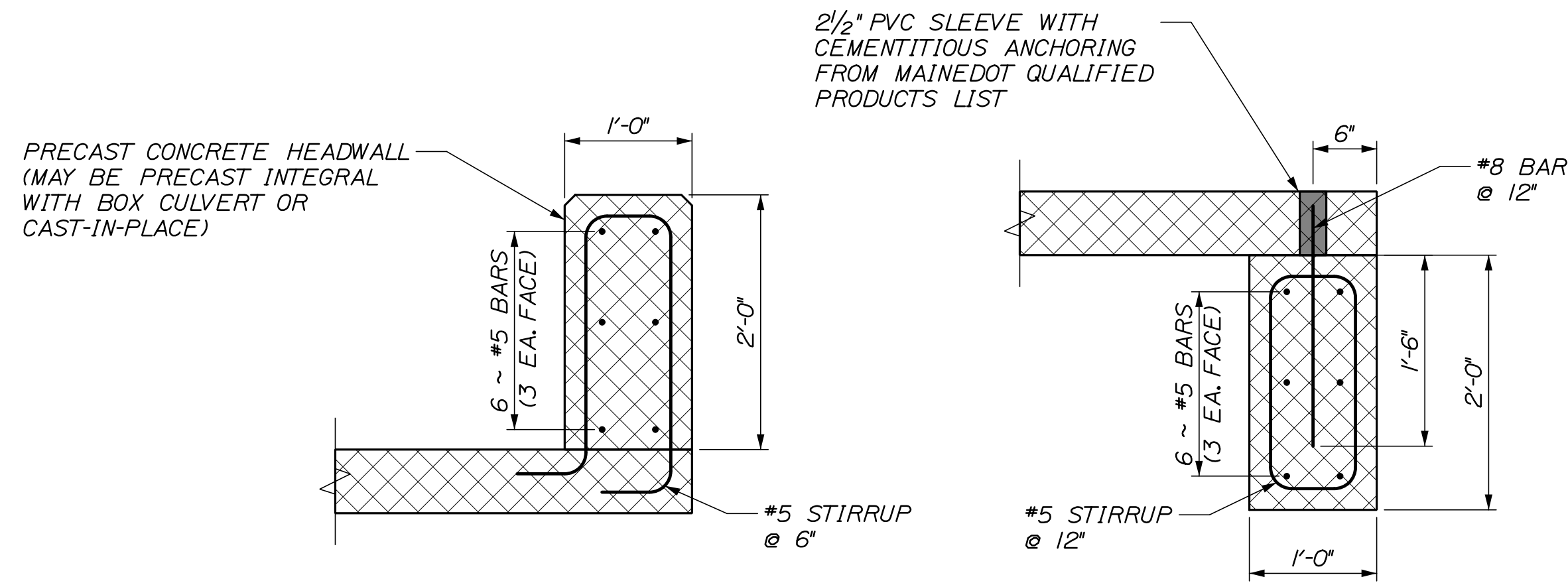
SCALE: 1" = 1'-0"



WINGWALL ELEVATION

(NORTH WINGWALL SHOWN, SOUTH OPPOSITE HAND)

SCALE: 1" = 1'-0"



HEADWALL DETAIL

SCALE: 1" = 1'-0"

TOEWALL DETAIL

SCALE: 1" = 1'-0"

NOTES:

1. THE PRECAST CONCRETE BOX CULVERT SHALL BE DESIGNED TO CARRY CONSTRUCTION LOADING WITH A MINIMUM FILL COVER OF 18 INCHES OVER THE TOP OF THE UNITS.
2. THE CONSTRUCTION, HANDLING, AND ASSEMBLY OF THE PRECAST UNITS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 534, PRECAST STRUCTURAL CONCRETE, AND WITH THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.
3. INSTALL SHEET WATERPROOFING MEMBRANE OVER THE TOP OF AND 12 INCHES DOWN THE EXTERIOR SIDES OF THE PRECAST CONCRETE BOX CULVERT.
4. THE CONTRACTOR SHALL PROVIDE PRECAST CONCRETE BLOCK GRAVITY WALLS IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 672, PRECAST CONCRETE BLOCK GRAVITY WALL, AND WITH THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.

PROJ. MANAGER	DATE	BY	DATE
Archie Gorreou, II	07/22	PEM	07/22
DESIGN-DETAILED		RWH	
CHECKED-REVIEWED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

Date: 7/11/2022

Username:

Division:

Filename: 006_HDPPlan.dgn

ITEM 606.356 UNDERDRAIN DELINEATOR POST EA
STA. 103+47, 41' LT

ITEM 607.163 CHAIN LINK FENCE - 4 FOOT - PVC COATED LENGTH
STA. 103+34.12, 25.00' LT TO STA. 103+49.91, 25.00' LT 16'

ITEM 627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE LENGTH
STA. 100+54, LT TO STA. 101+39, LT 133.8'
STA. 102+05, LT TO STA. 105+81, LT 383.8'

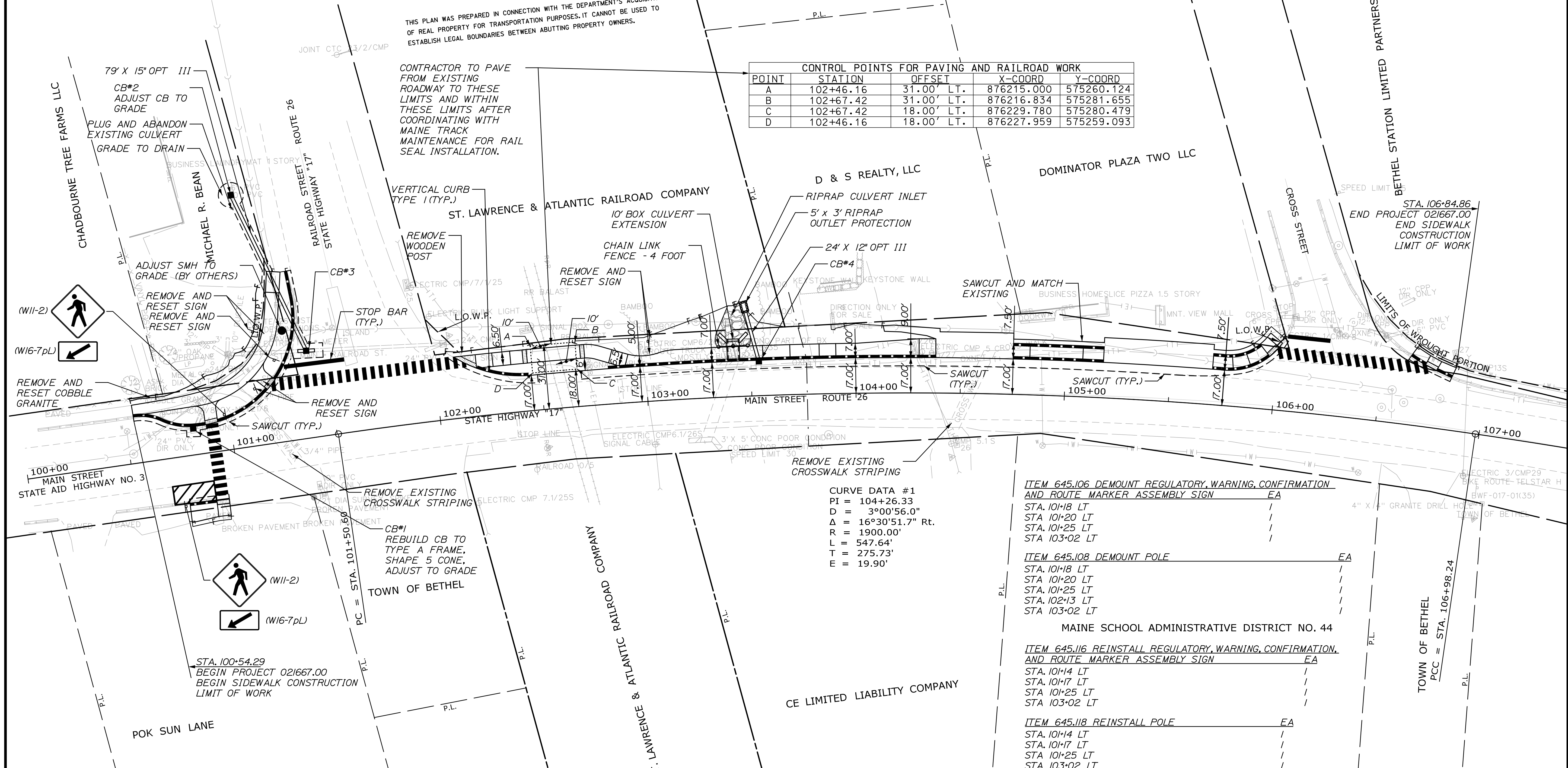
ITEM 627.75 WHITE OR YELLOW PAVEMENT AND CURB MARKING SF
STA. 100+90 LT/RT 120 SF
STA. 101+20 TO STA. 102+20 LT 288 SF
STA. 105+95 TO STA. 106+75 LT 216 SF
STA. 100+68 TO STA. 100+88 LT 67 SF
STA. 101+29 TO STA. 101+58 LT 58 SF
STA. 106+04 TO STA. 106+24 LT 41 SF

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 ADJUTING PROPERTY OWNERS.

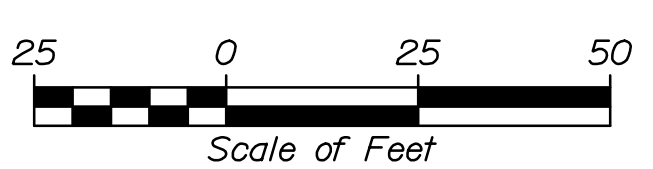
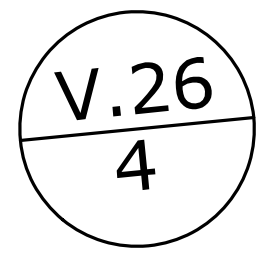
CONTRACTOR TO PAVE FROM EXISTING ROADWAY TO THESE LIMITS AND WITHIN THESE LIMITS AFTER COORDINATING WITH MAINE TRACK MAINTENANCE FOR RAIL SEAL INSTALLATION.

POINT	STATION	OFFSET	X-COORD	Y-COORD
A	102+46.16	31.00' LT.	876215.000	575260.124
B	102+67.42	31.00' LT.	876216.834	575281.655
C	102+67.42	18.00' LT.	876229.780	575280.479
D	102+46.16	18.00' LT.	876227.959	575259.093

SEE AMENDED PLAN OF BETHEL STATION PARTNERSHIP PREPARED FOR BETHEL STATION LIMITED PARTNERSHIP OXFORD COUNTY REGISTRY OF DEEDS PLAN NO. 3419



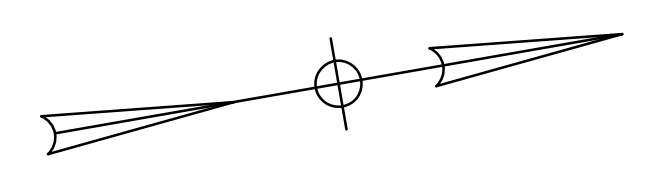
IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		TOTAL AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACKGROUND	LEGEND BORDER	
W11-2	30"	30"					2	FLUORESCENT YELLOW-GREEN	BLACK	6.25 (12.50)
W16-7p	24"	12"					2			2.00 (4.00)



CURVE DATA #1
PI = 104+26.33
D = 3°00'56.0"
Δ = 16°30'51.7" Rt.
R = 1900.00'
L = 547.64'
T = 275.73'
E = 19.90'

- ITEM 645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN EA
STA. 101+18 LT / / / / /
STA. 101+20 LT / / / / /
STA. 101+25 LT / / / / /
STA. 103+02 LT / / / / /
- ITEM 645.108 DEMOUNT POLE EA
STA. 101+18 LT / / / / /
STA. 101+20 LT / / / / /
STA. 101+25 LT / / / / /
STA. 102+13 LT / / / / /
STA. 103+02 LT / / / / /
- ITEM 645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN EA
STA. 101+14 LT / / / / /
STA. 101+17 LT / / / / /
STA. 101+25 LT / / / / /
STA. 103+02 LT / / / / /
- ITEM 645.118 REINSTALL POLE EA
STA. 101+14 LT / / / / /
STA. 101+17 LT / / / / /
STA. 101+25 LT / / / / /
STA. 103+02 LT / / / / /

- ITEM 615.07 LOAM DEPTH
100+54.29 TO 100+88.04 LT 4"
100+54.29 TO 101+27.59 LT 4"
100+94.04 TO 101+19.24 LT 4"
101+19.54 TO 101+37.24 LT 4"
100+75.04 TO 100+93.89 RT 4"
102+06.62 TO 103+40.30 LT 4"
102+19.93 TO 102+90.00 LT 4"
103+44.98 TO 104+36.38 LT 4"
105+88.44 TO 106+03.29 LT 4"
106+65.56 TO 106+85.33 LT 4"



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-2166(700)
WIN 021667.00
HIGHWAY PLANS

DATE	BY	DESCRIPTION	SIGNATURE	P.E. NUMBER	DATE
07/22	PEM	DESIGN-DETAILED			
07/22	RWH	CHECKED-REVIEWED			
		DESIGNS-DETAILED			
		REVISIONS 1			
		REVISIONS 2			
		REVISIONS 3			
		REVISIONS 4			
		FIELD CHANGES			

BETHEL
ROUTE 26
PLAN

SHEET NUMBER
6
OF 13

ITEM 608.26 CURB RAMP
DETECTABLE WARNING FIELD

POINT	LENGTH	RADIUS
STA. 100+91, 14.8' LT.	12.0	
STA. 100+91, 24.3' RT.	12.0	
STA. 101+21, 28.9' LT.	12.0	
STA. 102+16, 26.6' LT.	20.4	
STA. 102+43, 26.3' LT.	13.0	
STA. 102+85, 22.5' LT.	13.0	
STA. 105+98, 28.5' LT.	12.0	
STA. 106+73, 29.5' LT.	12.0	

ITEM NO. 609.II VERTICAL CURB TYPE I

POINT	LENGTH	RADIUS
1011 TO 1012	2.20'	-
2006 TO 2007	62.55'	1917.00'
2012 TO 2013	27.90'	1917.00'
2017 TO 2018	25.39'	1917.00'
2025 TO 2026	25.55'	1924.50'

ITEM NO. 609.II VERTICAL CURB TYPE I-1 INCH REVEAL

POINT	LENGTH	RADIUS
2010 TO 2011	14.02'	1917.00'

ITEM NO. 609.II VERTICAL CURB TYPE I-TAPER REVEAL FROM 7 INCH TO 4 INCH

POINT	LENGTH	RADIUS
2013 TO 2014	12.00'	1917.00'

ITEM NO. 609.I2 VERTICAL CURB TYPE I-CIRCULAR

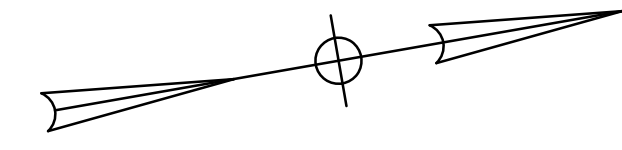
POINT	LENGTH	RADIUS
1000 TO 1001	13.66'	23.0'
1001 TO 1002	13.75'	30.0'
1006 TO 1007	20.92'	52.0'
1010 TO 1011	37.98'	52.0'
2002 TO 2003	9.40'	60.0'
2021 TO 2022	8.73'	31.0'
2029 TO 2030	6.62'	23.5'

ITEM NO. 609.221 TERMINAL CURB TYPE I

POINT	LENGTH	RADIUS
1012 TO 1013	10.00'	-
1014 TO 1015	13.00'	-
2005 TO 2006	8.00'	-
2009 TO 2010	13.00'	1917.00'
2011 TO 2012	8.00'	1917.00'
2014 TO 2015	8.00'	1917.00'
2016 TO 2017	8.00'	1917.00'
2018 TO 2019	10.00'	1917.00'
2020 TO 2020A	4.33'	2135.00'
2024 TO 2025	8.00'	1924.50'
2026 TO 2027	10.00'	1924.50'
2028 TO 2028A	4.53'	2142.50'
2034 TO 2035	8.00'	-

ITEM NO. 609.222 TERMINAL CURB TYPE I-CIRCULAR

POINT	LENGTH	RADIUS
1003 TO 1004	4.00'	52.0'
1005 TO 1006	4.00'	52.0'
1007 TO 1008	4.00'	52.0'
1009 TO 1010	4.00'	52.0'
2001 TO 2002	8.00'	60.0'
2003 TO 2004	8.00'	60.0'
2020A TO 2021	5.66'	31.0'
2022 TO 2023	10.25'	31.0'
2028A TO 2029	4.47'	23.5'
2030 TO 2031	7.83'	23.5'
2032 TO 2033	8.00'	58.0'

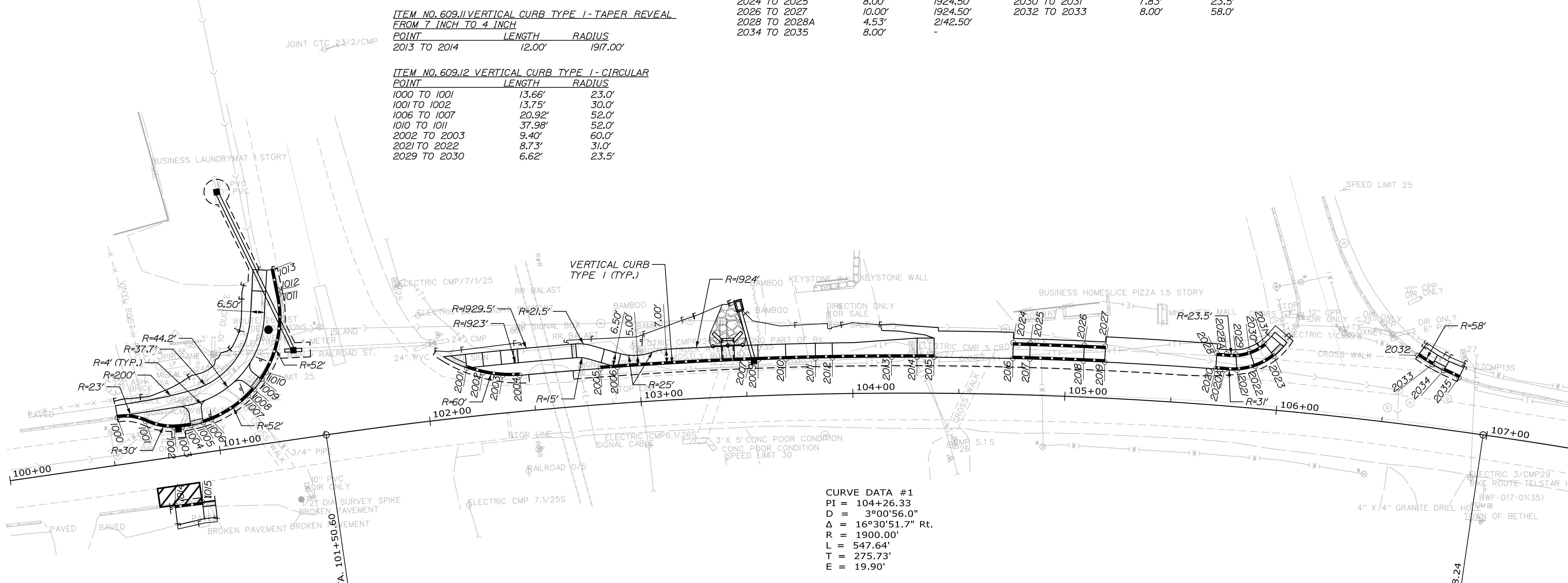


Date: 7/11/2022

Username:

Division:

Filename: 007_GeometricPlan.dgn



CURVE DATA #1
 PI = 104+26.33
 D = 3°00'56.0"
 Δ = 16°30'51.7" Rt.
 R = 1900.00'
 L = 547.64'
 T = 275.73'
 E = 19.90'

CONTROL POINTS FOR CURBING

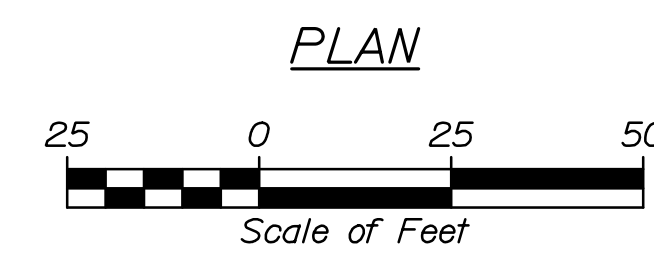
POINT	STATION	OFFSET	X-COORD	Y-COORD
1000	100+54.29	22.18' LT.	876215.749	575066.628
1001	100+67.23	18.48' LT.	876219.830	575079.458
1002	100+80.05	13.84' LT.	876224.833	575092.140
1003	100+84.04	13.54' LT.	876225.255	575096.117
1004	100+88.04	13.54' LT.	876225.370	575100.115
1005	100+94.04	14.12' LT.	876224.961	575106.128
1006	100+97.96	14.89' LT.	876224.308	575110.073
1007	101+16.82	23.61' LT.	876216.144	575129.178
1008	101+19.95	26.10' LT.	876213.745	575132.378
1009	101+24.26	30.27' LT.	876209.700	575136.811
1010	101+26.86	33.31' LT.	876206.734	575139.493
1011	101+37.91	68.77' LT.	876171.614	575151.576
1012	101+37.79	70.97' LT.	876169.412	575151.517
1013	101+37.24	80.95' LT.	876159.417	575151.254
1014	100+75.29	22.63' RT.	876261.154	575086.320
1015	100+88.29	22.93' RT.	876261.826	575099.303

CONTROL POINTS FOR CURBING

POINT	STATION	OFFSET	X-COORD	Y-COORD
2001	102+19.93	23.00' LT.	876221.052	575233.007
2002	102+27.24	19.97' LT.	876224.577	575240.181
2003	102+36.27	17.74' LT.	876227.456	575249.119
2004	102+44.16	17.01' LT.	876228.783	575257.002
2005	102+82.08	17.00' LT.	876232.167	575295.106
2006	102+90.00	17.00' LT.	876232.972	575303.066
2007	103+52.00	17.00' LT.	876240.384	575365.176
2009	103+55.97	17.00' LT.	876240.926	575369.139
2010	103+68.85	17.00' LT.	876242.748	575382.010
2011	103+82.74	17.00' LT.	876244.809	575395.873
2012	103+90.67	17.00' LT.	876246.031	575403.780
2013	104+18.32	17.00' LT.	876250.551	575431.309
2014	104+30.22	17.00' LT.	876252.618	575443.130
2015	104+38.15	17.00' LT.	876254.037	575451.003
2016	104+75.00	17.00' LT.	876261.064	575487.516
2017	104+82.93	17.00' LT.	876262.668	575495.354
2018	105+08.09	17.00' LT.	876267.975	575520.177
2019	105+18.00	17.00' LT.	876270.156	575529.937
2020	105+70.00	17.03' LT.	876282.404	575580.951
2020A	105+74.29	17.04' LT.	876283.471	575585.148

CONTROL POINTS FOR CURBING

POINT	STATION	OFFSET	X-COORD	Y-COORD
2021	105+79.89	17.29' LT.	876284.643	575590.679
2022	105+88.17	19.70' LT.	876284.438	575599.380
2023	105+96.54	25.38' LT.	876281.138	575609.030
2024	104+75.00	24.50' LT.	876253.713	575489.005
2025	104+82.90	24.50' LT.	876255.318	575496.844
2026	105+08.13	24.50' LT.	876260.660	575521.832
2027	105+18.00	24.50' LT.	876262.841	575531.591
2028	105+70.00	24.53' LT.	876275.137	575582.805
2028A	105+74.48	24.54' LT.	876276.254	575587.198
2029	105+78.87	24.72' LT.	876277.194	575591.557
2030	105+85.13	26.54' LT.	876277.039	575598.153
2031	105+91.51	30.88' LT.	876274.507	575605.525
2032	106+63.11	33.00' LT.	876292.584	575676.077
2033	106+70.24	29.62' LT.	876297.958	575681.993
2034	106+75.78	27.53' LT.	876301.637	575686.738
2035	106+83.31	25.14' LT.	876306.225	575693.292



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 TAP-2166(700)
 WIN
 021667.00
 HIGHWAY PLANS

DATE	BY	DESCRIPTION
07/22	PEM	DESIGN-DETAILED
07/22	RWH	CHECKED-REVIEWED
		DESIGN-DETAILED
		DESIGN-DETAILED
		REVISIONS 1
		REVISIONS 2
		REVISIONS 3
		REVISIONS 4
		FIELD CHANGES

BETHEL
 ROUTE 26
 GEOMETRIC PLAN

SHEET NUMBER

7

OF 13

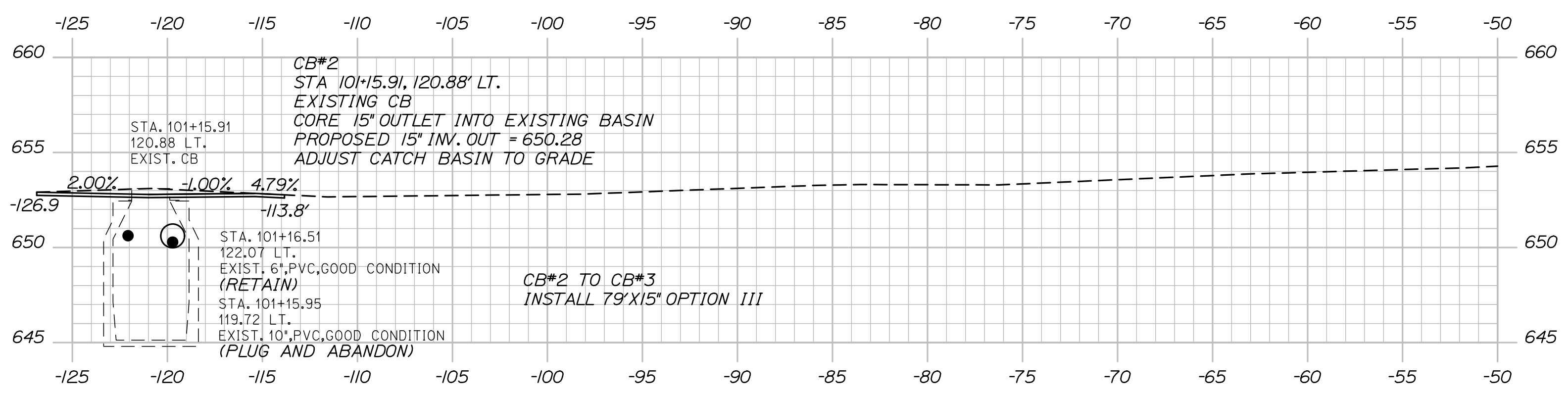


Date: 7/11/2022

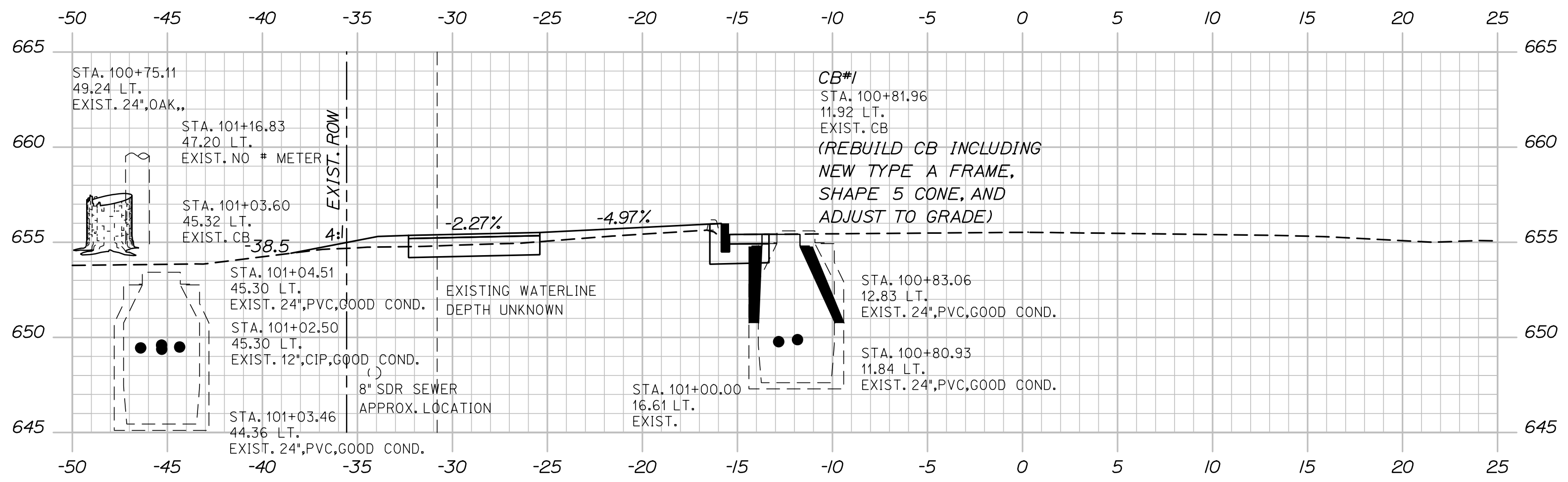
Username:

Division:

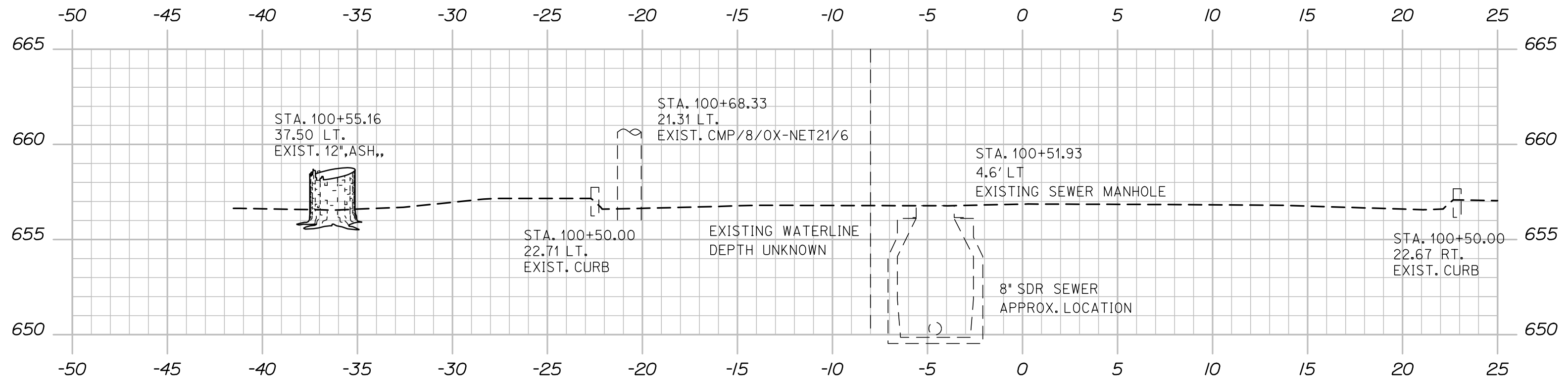
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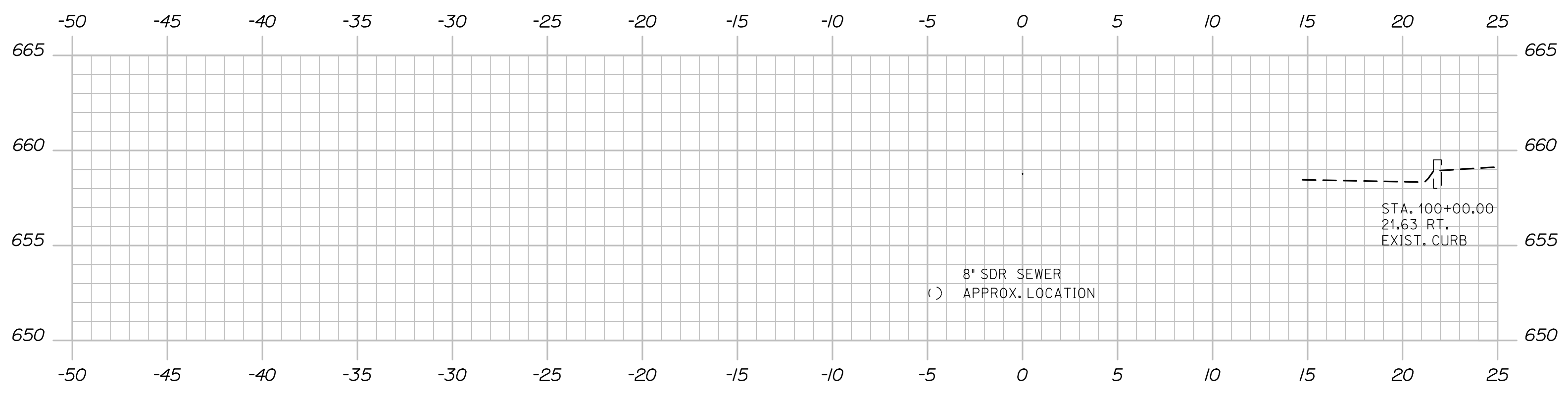
101+15.91



101+00.00



100+50.00



100+00.00

STA. 100+54.29
 BEGIN PROJECT 021667.00
 BEGIN SIDEWALK CONSTRUCTION
 LIMIT OF WORK

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 TAP-2166(700)
 WIN
 021667.00
 HIGHWAY PLANS

PROJ. MANAGER	Aurie	Gernieu, II
DESIGN-DETAILED	PEM	
CHECKED-REVIEWED	DAM	
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

DATE	07/22	07/22
BY	RWH	
SIGNATURE		
P.E. NUMBER		
DATE		

BETHEL
 ROUTE 26
 CROSS SECTIONS

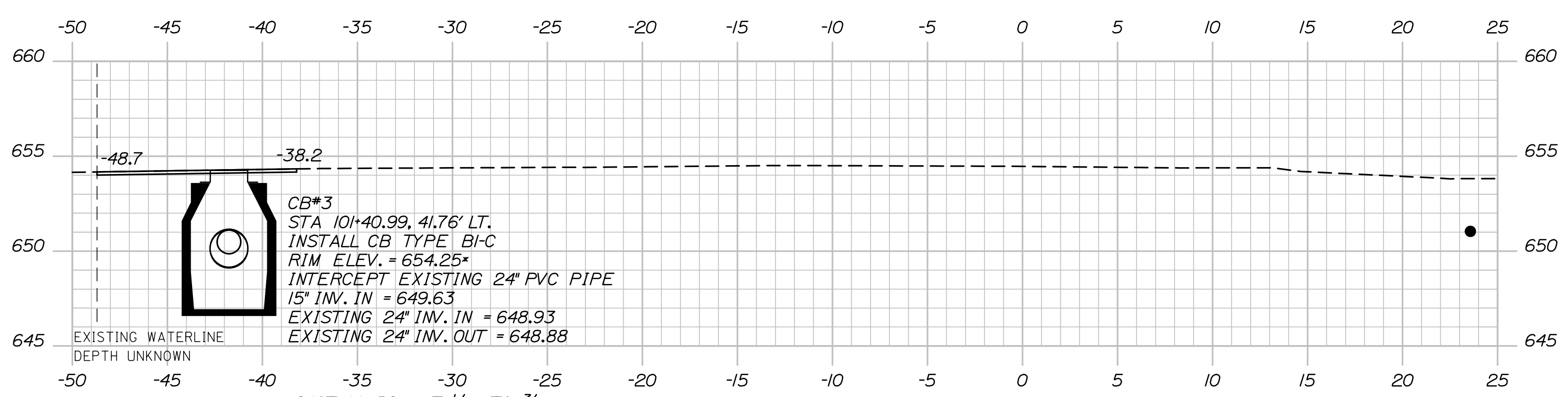
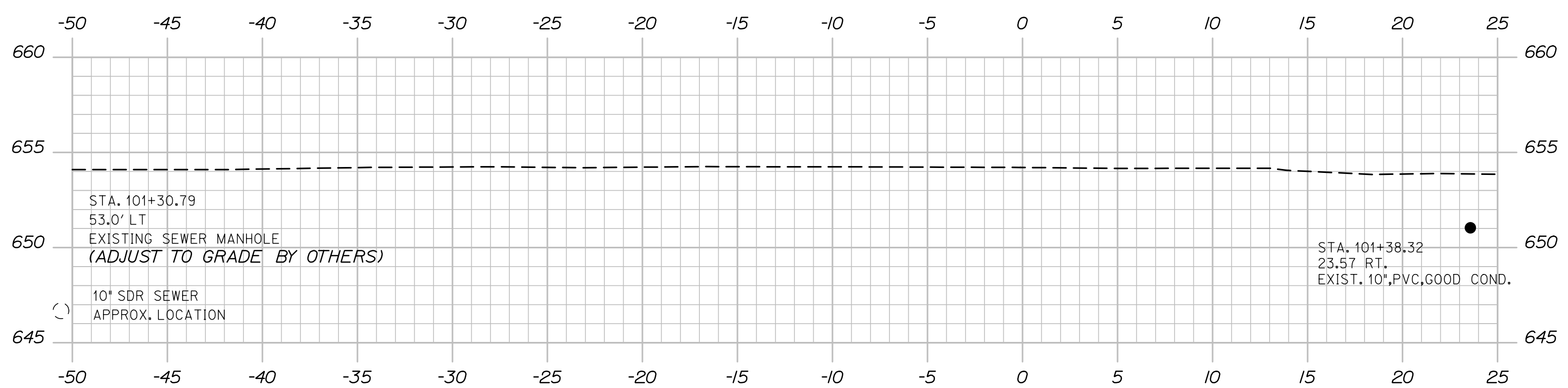
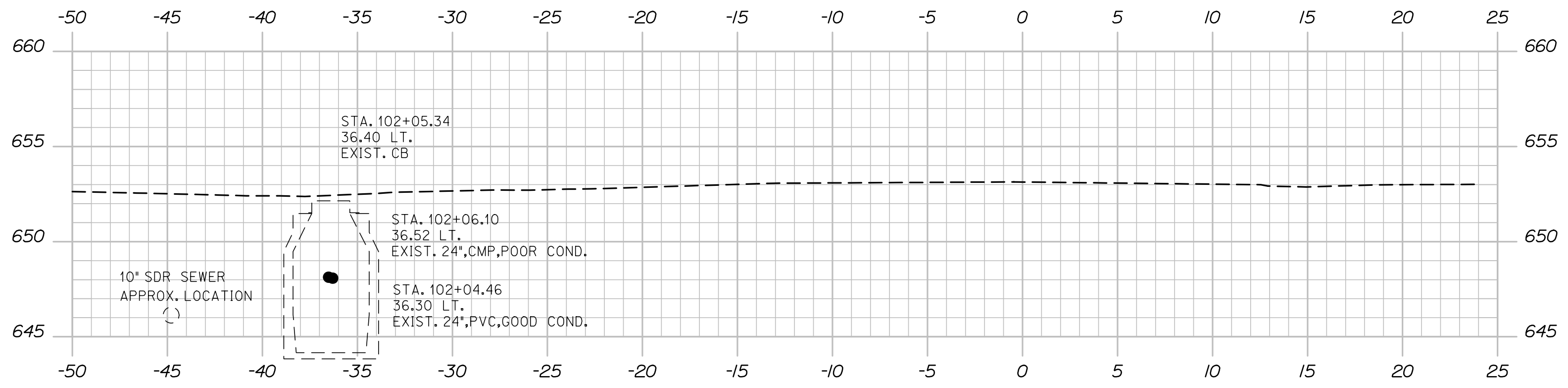
SHEET NUMBER
 8
 OF 13

Date: 7/11/2022

Username:

Division:

Filename: XSect.dgn



*INSTALL RIM AT 1/4 TO 3/8 INCH BELOW PAVEMENT ELEVATION AND GRADE TO DRAIN FROM CURBLINE

PROJ. MANAGER	Aurèle	Gorreau, II
DESIGN-DETAILED	PEM	
CHECKED-REVIEWED	DAM	
DESIGN-DETAILED2	-	
DESIGN-DETAILED3	-	
REVISIONS 1	-	
REVISIONS 2	-	
REVISIONS 3	-	
REVISIONS 4	-	
FIELD CHANGES	-	

BY	DATE	SIGNATURE	P.E. NUMBER	DATE
PEM	07/22			
RWH	07/22			
-	-			
-	-			
-	-			
-	-			
-	-			

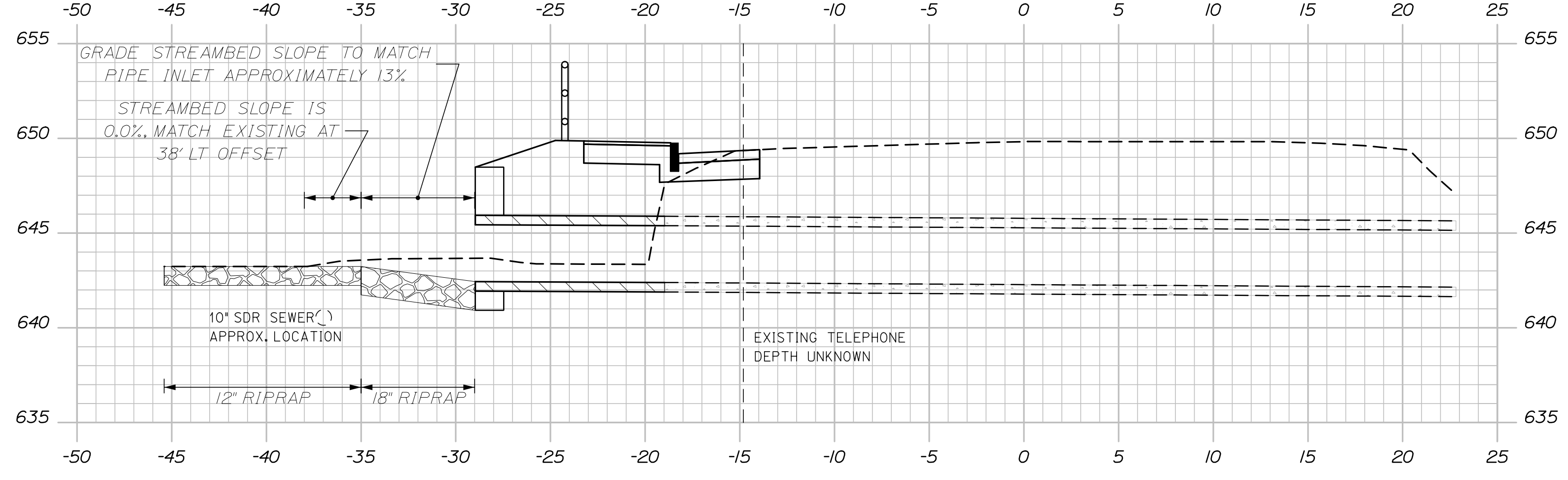
BETHEL
ROUTE 26
CROSS SECTIONS

Date: 7/11/2022

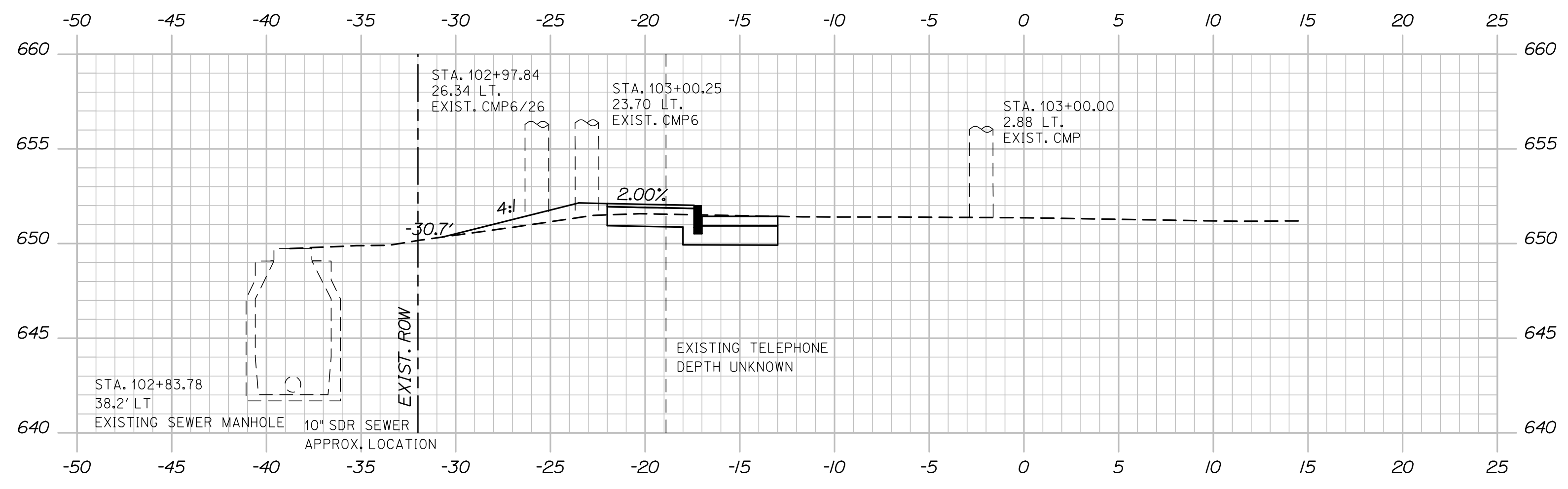
Username:

Division:

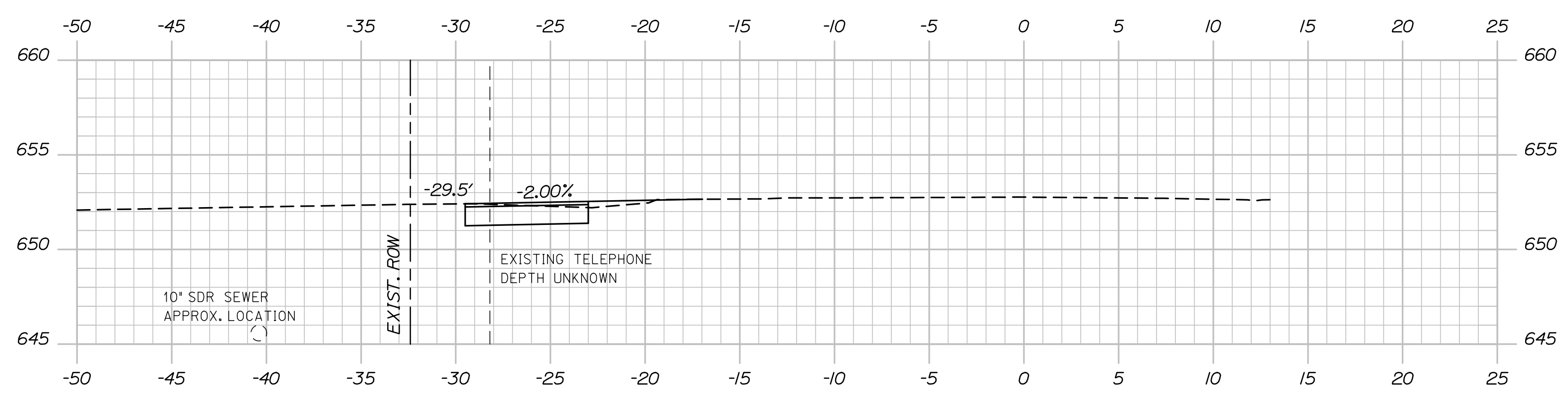
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103+35.08 (SKEWED SECTION ALONG CULVERT)



103+00.00



102+50.00

STA. 102+47 LT. TO 102+67 LT. CONTRACTOR SHALL COORDINATE WITH MAINE DOT RESIDENT AND RAILROAD FOR ACTUAL LIMITS OF CONSTRUCTION AND RAILROAD PORTION OF CONSTRUCTION.

DATE	BY	PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS	FIELD CHANGES
07/22	PEM	Aurée Gorneau, II	PEM	DAM	-	1	-
07/22	RWH	-	-	-	-	2	-
-	-	-	-	-	-	3	-
-	-	-	-	-	-	4	-

SIGNATURE	P.E. NUMBER	DATE
-	-	-
-	-	-
-	-	-

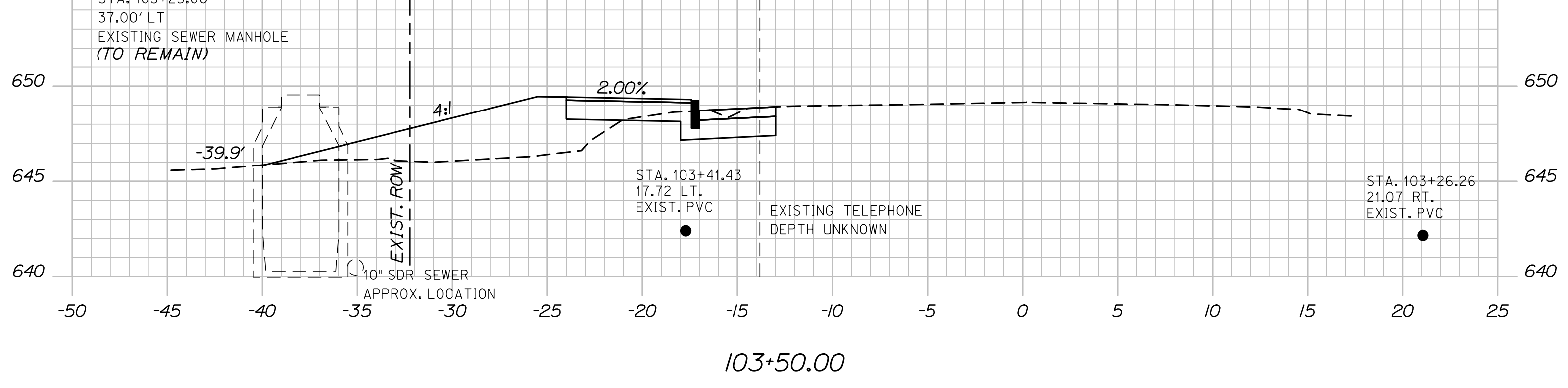
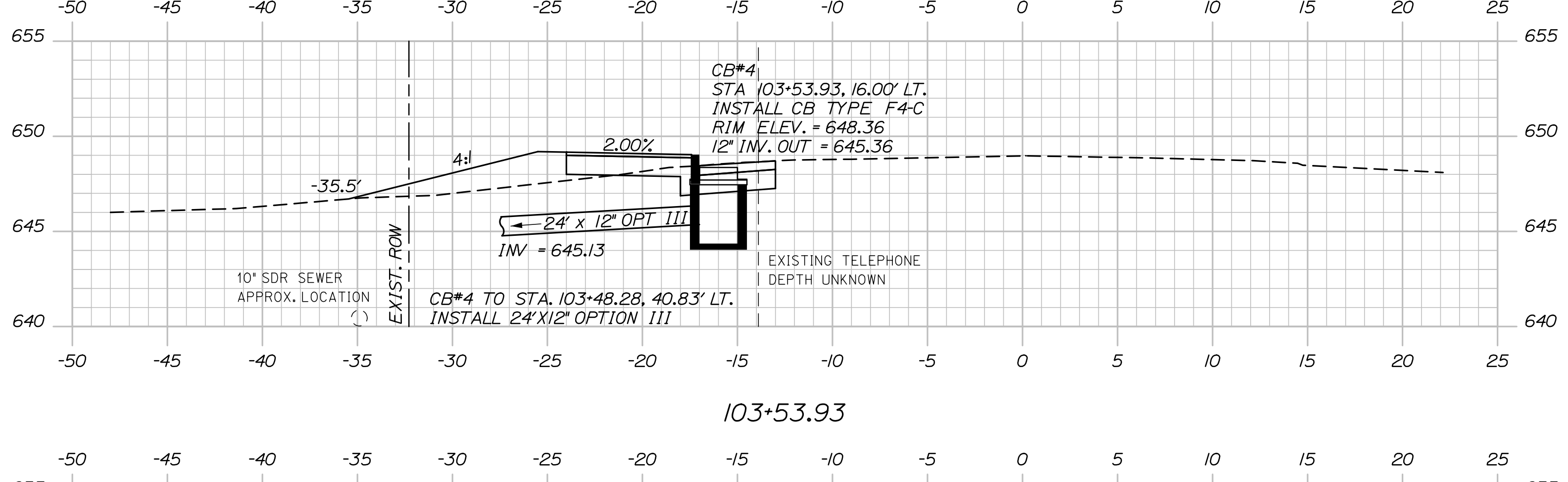
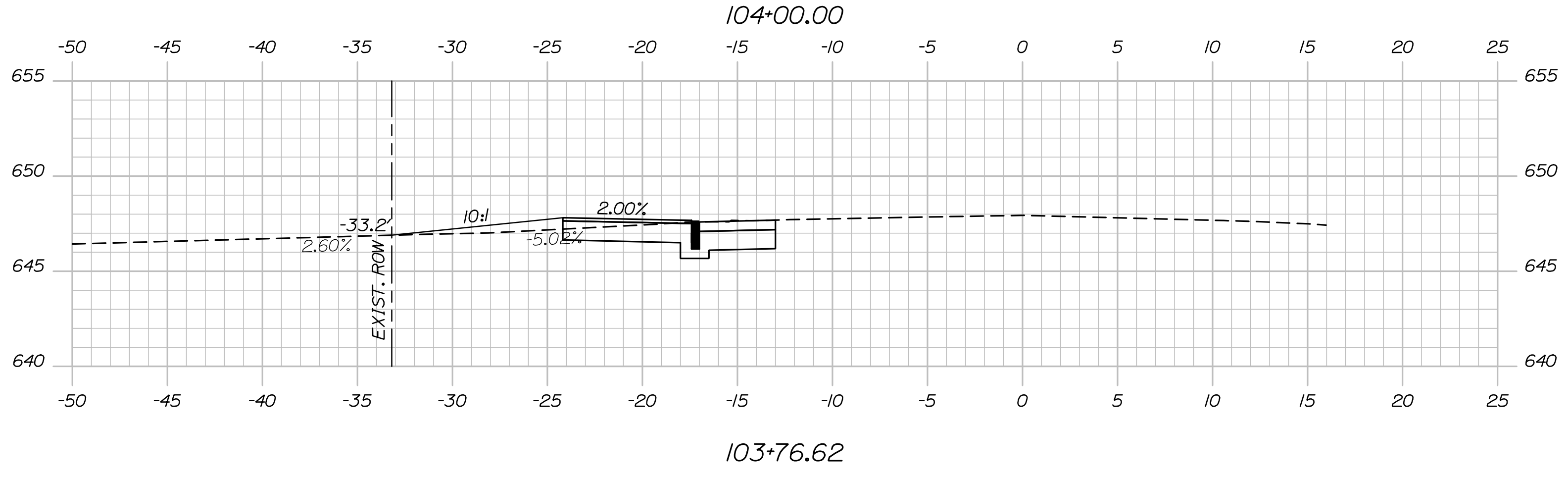
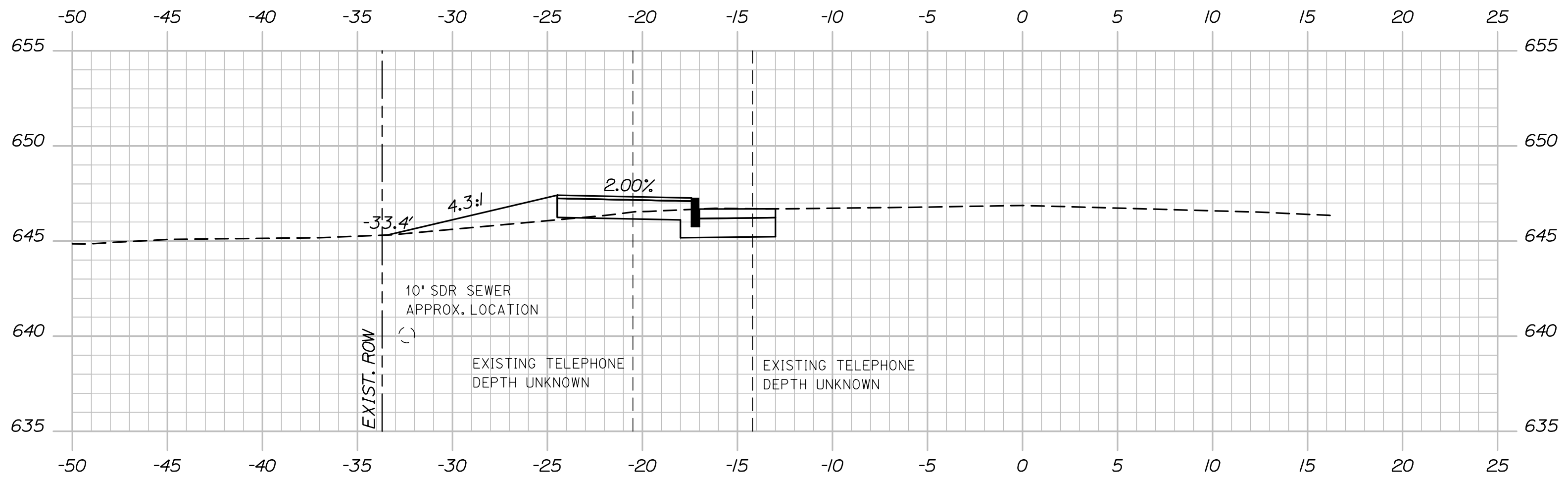
BETHEL
ROUTE 26
CROSS SECTIONS

Date: 7/11/2022

Username:

Division:

Filename: XSect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-2166(700)
WIN
021667.00
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE
Archie Gorrean, II	07/22	PEM	07/22
DESIGN-DETAILED		RWH	
CHECKED-REVIEWED			
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

BETHEL
ROUTE 26
CROSS SECTIONS

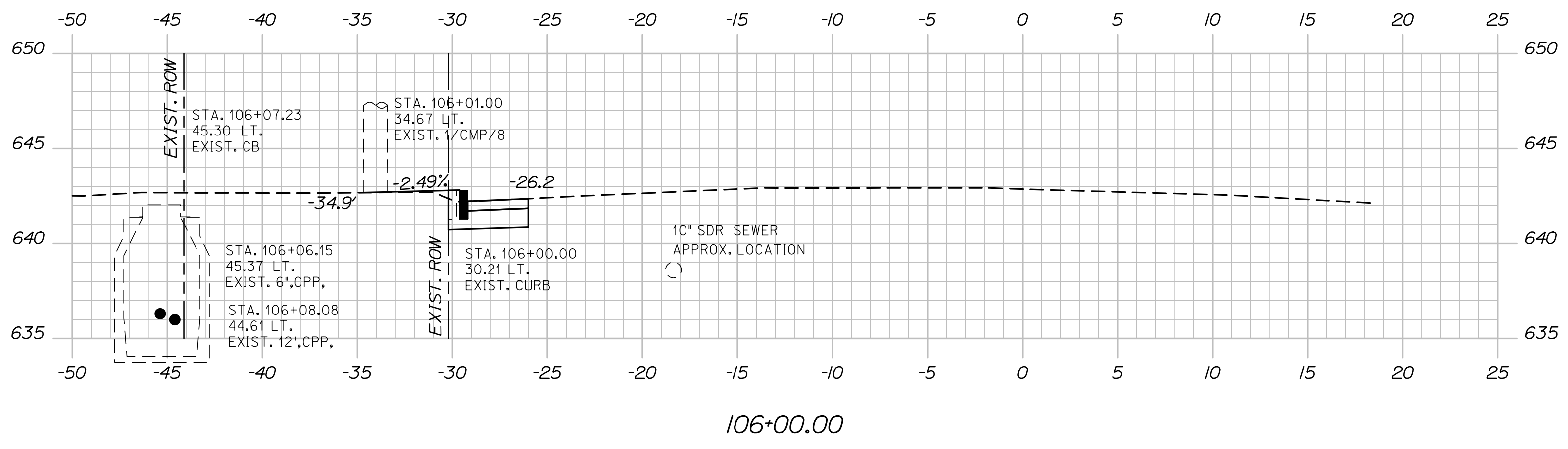
SHEET NUMBER
11
OF 13

Date: 7/11/2022

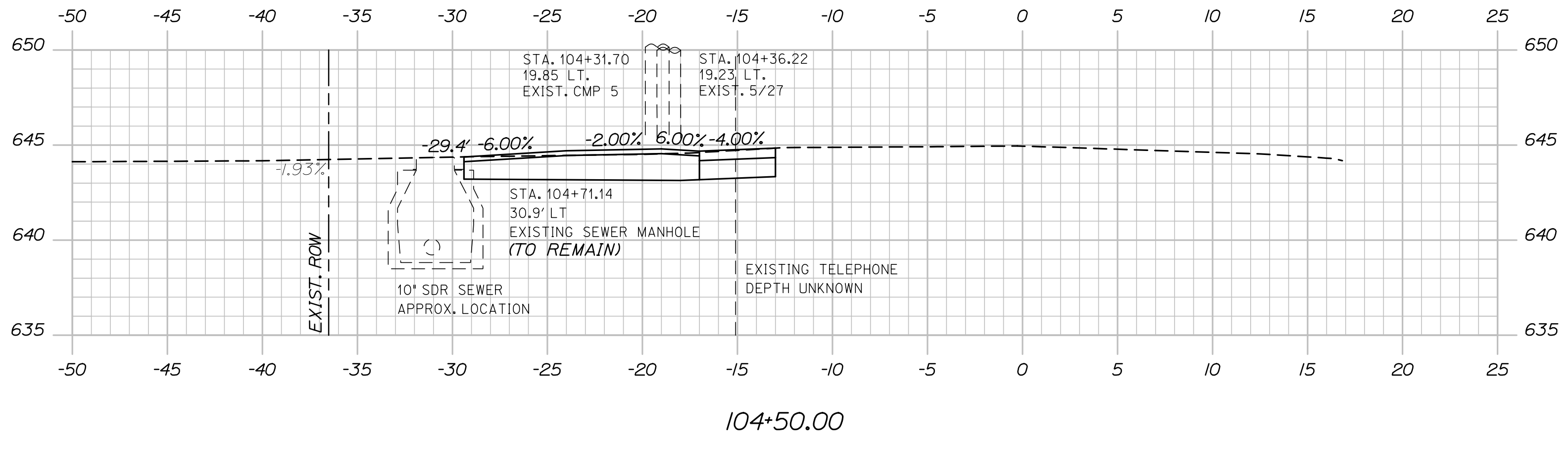
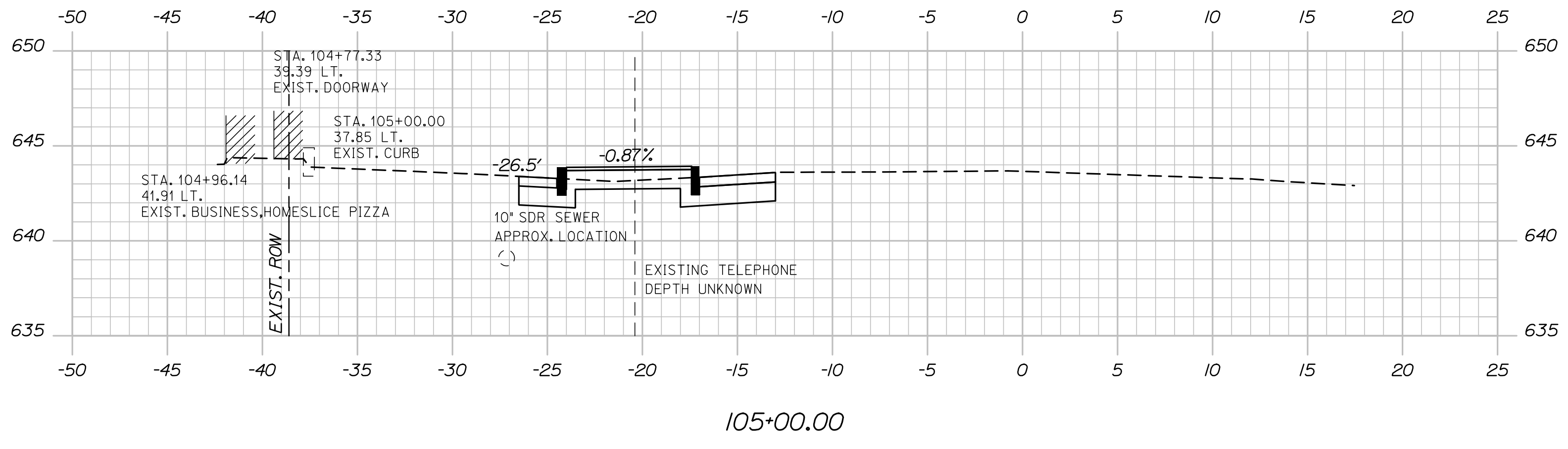
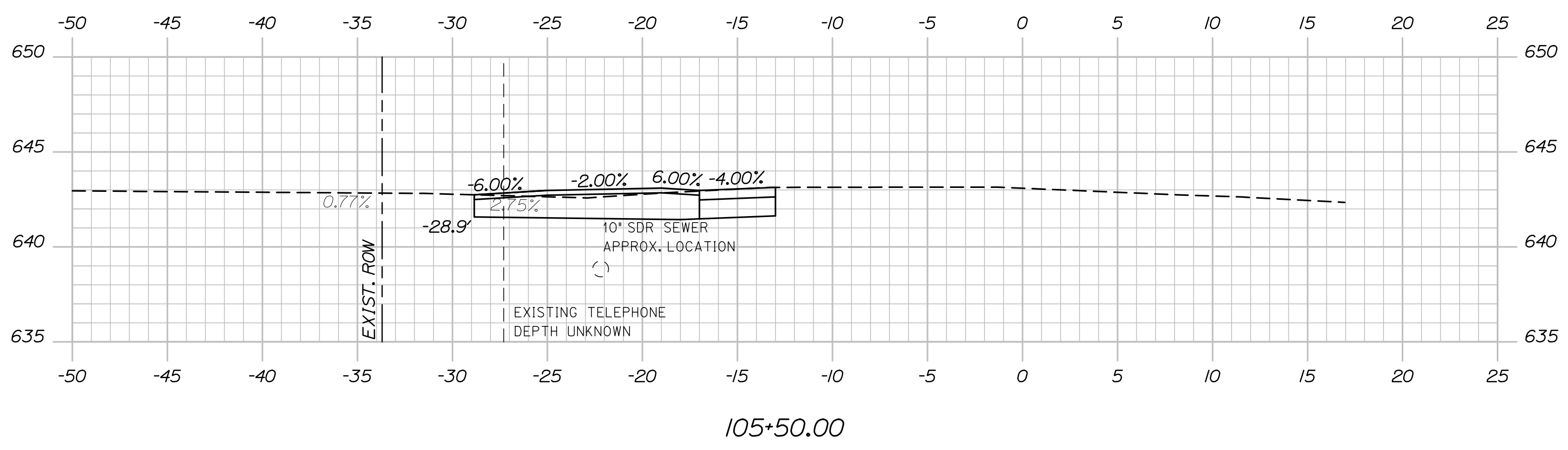
Username:

Division:

Filename: XSect.dgn



STA. 106+84.86
 END PROJECT 021667.00
 END SIDEWALK CONSTRUCTION
 LIMIT OF WORK



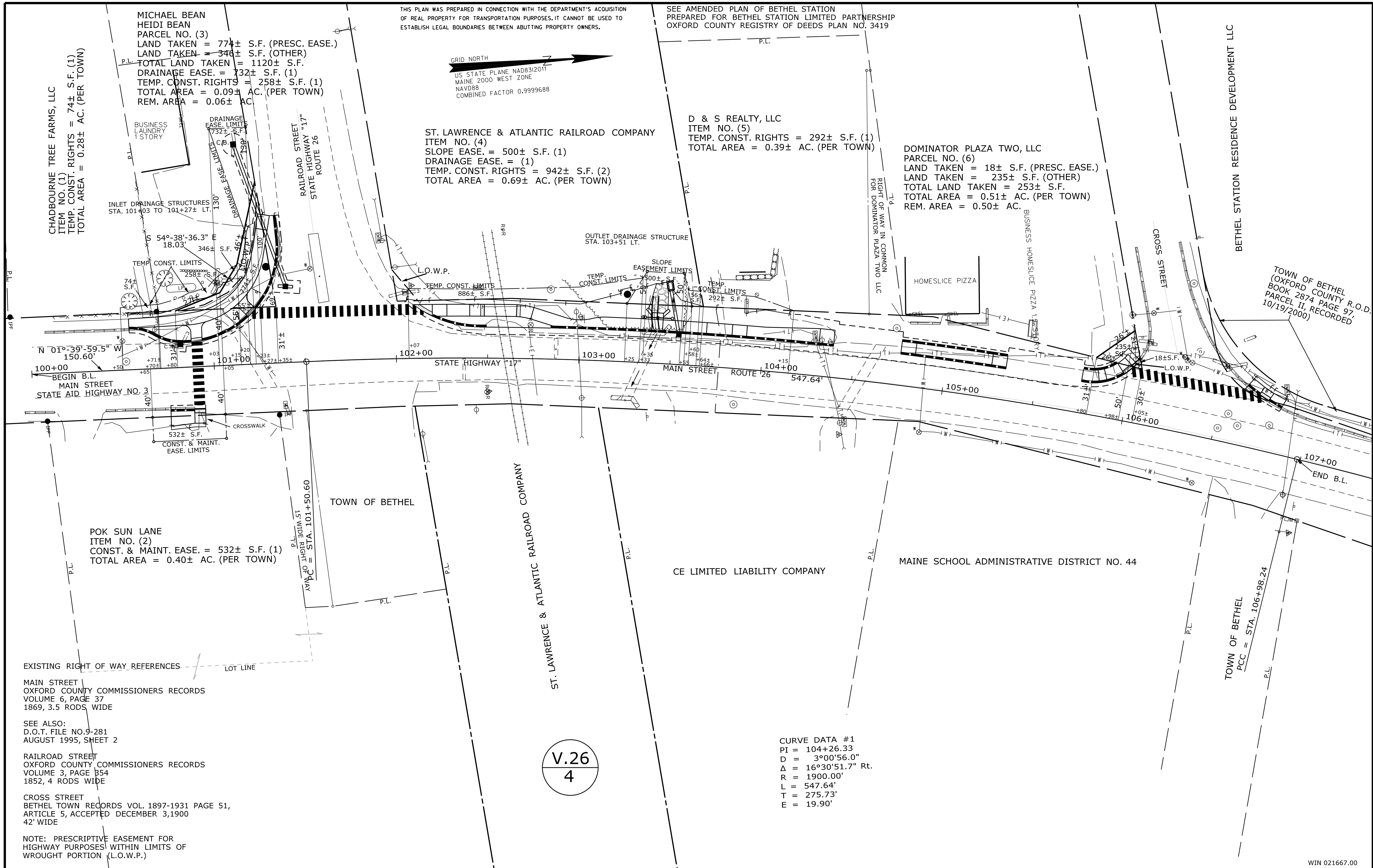
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		TAP-2166(700)	
WIN 021667.00		HIGHWAY PLANS	
BETHEL ROUTE 26		CROSS SECTIONS	
SHEET NUMBER			
12			
OF 13			

Filename: ... \00\ROW\MSTA001_RWPLAN1.dgn Division: ROW Username: Perry,Silverman Date:1/6/2022

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.

SEE AMENDED PLAN OF BETHEL STATION PREPARED FOR BETHEL STATION LIMITED PARTNERSHIP OXFORD COUNTY REGISTRY OF DEEDS PLAN NO. 3419

GRID NORTH
US STATE PLANE NAD83/2011
MAINE 2000 WEST ZONE
NAD88
COMBINED FACTOR 0.9999688



SYMBOLS

○	(WELL)
—	GRADING LIMIT LINE
—	CONSTRUCTION LIMIT LINE
—	PROPERTY LINE
—	LIMITS OF WROUGHT PORTION (L.O.W.P.)
—	EXISTING RIGHT OF WAY
—	NEW RIGHT OF WAY
—	NEW ROW WITHIN EXIST. ROW
—	CONTROL OF ACCESS
●	PI OR BIP (IRON PIPE OR PIN FOUND)
□	S.T. (SEPTIC TANK)
□	TR (TRAVEL SIGN)
□	TR (TRAVERSE POINT)
—	WATER LINE
—	GAS LINE
—	ELECTRIC LINE
—	TELEPHONE LINE
—	SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	PNS	
PROP. LINES	PNS	
AREAS		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
BETHEL
RIGHT OF WAY MAP

NO.	DATE	REVISIONS DESCRIPTION	BY

PLAN FILED IN	PLAN BOOK	PAGE	COUNTY RECORD
NO.	GRANTOR	INSTRUMENT	DATE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "17" STATE AID HIGHWAY NO. 3
MAIN STREET ROUTE 26
BETHEL OXFORD COUNTY
FEDERAL AID PROJECT NO. TAP-2166(700)
AUGUST 2021
SCALE 1" = 25'

SHEET NUMBER
13
OF 13

V.26
4

CURVE DATA #1
PI = 104+26.33
D = 3°00'56.0"
Δ = 16°30'51.7" Rt.
R = 1900.00'
L = 547.64'
T = 275.73'
E = 19.90'

WIN 021667.00