

# STATE OF MAINE DEPARTMENT OF TRANSPORTATION



## SO. BERWICK YORK COUNTY ROUTE 236 (BERWICK ROAD) STP-1785(200)X PROJECT LENGTH : 0.42 MILES

### PLAN LEGEND

Town, County, State	Centerline-Existing	Centerline-Proposed
Property Lines	Centerline-Proposed	10+50
R/W Lines-Existing	Travelway-Existing	
R/W Lines-Proposed	Travelway-Proposed	
Culvert-Existing	Railroad	
Culvert Proposed	Catch Basins	Existing Proposed
Curbing	Manholes	Existing Proposed
Type 1	Proposed Underdrain	
Type 3	Proposed Ditch	
Type 5	Existing Ditch	
Outline of Bodies of Water	Utility Poles	Existing Proposed
Ledge	Fire Hydrants	Existing Proposed
Buildings	Existing Water Line	
Trees	Existing San. Sewer	
Tree Line	Existing San. Sewer Manhole	
Clearing Limit Line	Guardrail-Existing	
	Guardrail-Proposed	
	Guardrail-Cable, Other	

### INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2
Estimated Quantities & Earthwork Summary	3
Drainage Sheet	4
Reconstruction General Notes	5
Reconstruction Construction Notes	6
Mill & Fill Notes	7
Special Details	8-9
Boring Logs	10
Geometric Curb Layout	11-13
Plan & Profiles	14-16
Side Roads & Driveway Profiles	17
Cross - Sections	18-42
Side Roads & Driveway Cross - Sections	43-50
Right of Way Maps	51-53
Proposed Sewer & Water Plans	S1, S2, C1

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
	<i>[Signature]</i>	9/27/12
	COMMISSIONER	
	CHIEF ENGINEER	



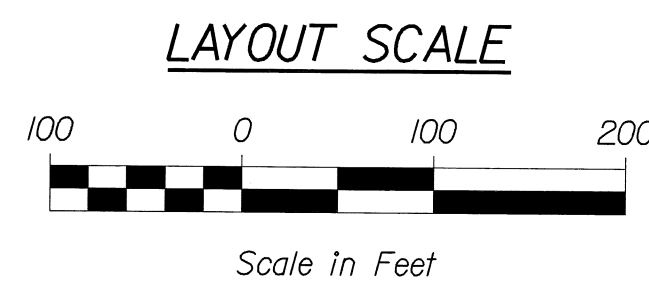
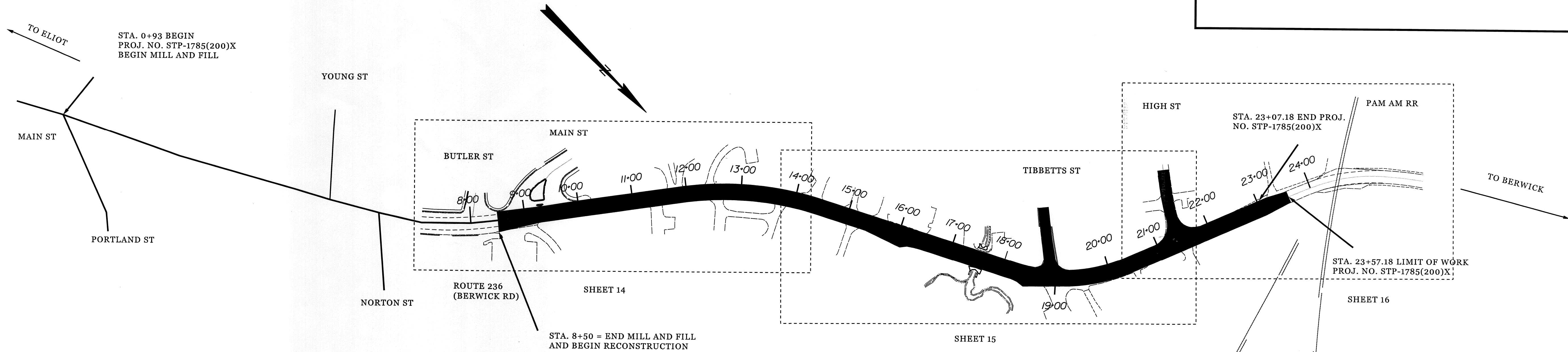
<i>[Signature]</i>	SIGNATURE	10415	P.E. NUMBER	9-27-12	DATE
--------------------	-----------	-------	-------------	---------	------

PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY	ERNEST MARTIN	SARAH LEBLANC				

WIN 17852.00 STP-1785(200)X

SO. BERWICK ROUTE 236 (BERWICK RD)	TITLE SHEET
---------------------------------------	-------------

SHEET NUMBER	1
OF 53	



TRAFFIC DATA	MILL & FILL	RECONSTRUCTION
	MAIN ST N/O PORTLAND ST 12 YR ESALS	BERWICK RD NW/O MAIN ST 20 YR ESALS
Current (2012) AADT	10790	5980
Future (2024 & 2032) AADT	12080	7180
DHV - % of AADT	11%	11%
Design Hour Volume	1329	790
% Heavy Trucks (AADT)	6%	5%
% Heavy Trucks (DHV)	4%	4%
Directional Distribution (DHV)	58%	58%
18 kip Equivalent P 2.0	476	243
18 kip Equivalent P 2.5	454	231
Design Speed (mph)	25	25
Functional Class:	MINOR ARTERIAL	MINOR ARTERIAL

<b>PROJECT LOCATION:</b>	ROUTE 236 BEGINNING AT THE INTERSECTION OF PORTLAND ST EXTENDING 0.42 MILES NORTHERLY TO THE PAN AM RR TRACKS IN SOUTH BERWICK
<b>PROGRAM AREA:</b>	HIGHWAY PROGRAM
<b>OUTLINE OF WORK:</b>	MILL AND FILL & RECONSTRUCTION



ESTIMATED QUANTITIES - COMBINED RECONSTRUCTION AND MILL & FILL			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	7	EA
201.24	REMOVING STUMP	7	EA
202.15	REMOVING MANHOLE OR CATCH BASIN	5	EA
202.202	REMOVING PAVEMENT SURFACE	3300	SY
202.203	PAVEMENT BUTT JOINTS	91	SY
203.20	COMMON EXCAVATION	5452	CY
203.2312	HEALTH AND SAFETY PLAN PLAN	1	LS
203.2333	DISPOSAL OF SPECIAL EXCAVATION	50	T
203.25	GRANULAR BORROW	25	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	5300	CY
403.209	HOT MIX ASPHALT 9.5 MM HMA (SIDEWALKS, DRIVES, INCIDENTALS)	245	T
403.210	HOT MIX ASPHALT 9.5 MM HMA	760	T
403.211	HOT MIX ASPHALT (SHIMMING)	114	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	1250	T
409.15	BITUMINOUS TACK COAT - APPLIED	530	G
411.10	UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE)	0.3	CY
603.159	12 INCH CULVERT PIPE OPTION III	78	LF
603.169	15 INCH CULVERT PIPE OPTION III	110	LF
603.179	18 INCH CULVERT PIPE OPTION III	26	LF
603.189	21 INCH CULVERT PIPE OPTION III	20	LF
603.199	24 INCH CULVERT PIPE OPTION III	45	LF
604.072	CATCH BASIN TYPE A1-C	11	EA
604.092	CATCH BASIN TYPE B1-C	5	EA
604.167	ALTER CATCH BASIN GRATE TO CASCADE	7	EA
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	2	EA
604.244	CATCH BASIN TYPE F4	2	EA
604.246	CATCH BASIN TYPE F5	2	EA
604.248	CATCH BASIN TYPE F6	1	EA
604.262	CATCH BASIN TYPE B5-C	1	EA
605.09	6 INCH UNDERDRAIN TYPE B	275	LF
605.11	12 INCH UNDERDRAIN TYPE C	1560	LF
605.12	15 INCH UNDERDRAIN TYPE C	350	LF
605.13	18 INCH UNDERDRAIN TYPE C	24	LF
606.23	GUARDRAIL TYPE 3C - SINGLE RAIL	200	LF
606.231	GUARDRAIL TYPE 3C - 15 FOOT RADIUS AND LESS	12.5	LF
606.232	GUARDRAIL TYPE 3C - OVER 15 FOOT RADIUS	12.5	LF
606.259	ANCHORAGE ASSEMBLY	2	EA
606.265	TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	2	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	6	EA
606.47	SINGLE WOOD POST	5	EA
606.79	GUARDRAIL 350 FLARED TERMINAL	2	EA
608.08	REINFORCED CONCRETE SIDEWALK	100	SY
608.26	CURB RAMP DETECTABLE WARNING FIELD	264	SF
609.11	VERTICAL CURB TYPE 1	1600	LF
609.12	VERTICAL CURB TYPE 1 - CIRCULAR	81	LF
609.234	TERMINAL CURB TYPE 1 - 4 FOOT	17	EA
609.2341	TERMINAL CURB TYPE 1 - 4 FOOT - CIRCULAR	2	EA
609.237	TERMINAL CURB TYPE 1 - 7 FOOT	39	EA
609.2371	TERMINAL CURB TYPE 1 - 7 FT - CIRCULAR	5	EA
609.31	CURB TYPE 3	236	LF
609.38	RESET CURB TYPE 1	25	LF
610.08	PLAIN RIPRAP	9	CY
613.319	EROSION CONTROL BLANKET	29	SY
613.40	TURF REINFORCEMENT MAT - (TRM)	13	SY
615.07	LOAM	240	CY
618.1301	SEEDING METHOD NUMBER 1 - PLAN QUANTITY	17	UN
618.1411	SEEDING METHOD NUMBER 3 - PLAN QUANTITY	5	UN
619.1201	MULCH - PLAN QUANTITY	22	UN
620.54	STABILIZATION GEOTEXTILE	167	SY
620.58	EROSION CONTROL GEOTEXTILE	16	SY
621.126	SMALL DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP A	3	EA
621.127	SMALL DECIDUOUS TREES (6 FOOT - 8 FOOT) GROUP B	1	EA
621.387	DWARF EVERGREENS (8 INCH - 12 INCH)	3	EA
621.388	DWARF EVERGREENS (12 INCH - 15 INCH)	3	EA
621.407	DWARF EVERGREENS (2.50 FOOT - 3 FOOT) GROUP A	6	EA
621.51	HYBRID RHODODENDRON (15 INCH - 18 INCH)	6	EA
621.546	DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP A	12	EA
621.710	HERBACEOUS PERENNIALS GR. A 1 GALLON	12	EA
627.733	4 INCH WHITE OR YELLOW PAINTED PAVE MRK LINE	5980	LF

ESTIMATED QUANTITIES - COMBINED RECONSTRUCTION AND MILL & FILL			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
627.75	WHITE OR YELLOW PAVEMENT AND CURB MARKING	1460	SF
627.76	TEMPORARY PYMT. MARK LINE, W OR YELLOW	1	LS
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.10	AIR COMPRESSOR (INCLUDING OPERATOR)	15	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	15	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	30	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	15	HR
631.20	STUMP CHIPPER (INCLUDING OPERATOR)	20	HR
635.32	WET-CAST SMALL LANDSCAPE BLOCK WALL	317	SF
636.65	SEGMENTAL RETAINING WALL RECONSTRUCTION	125	SF
639.19	FIELD OFFICE TYPE B	1	EA
642.15	PRECAST CONCRETE STEPS	1	EA
645.306	FLEXIBLE REFLECTORIZED DELINEATOR	2	EA
652.33	DRUM	35	EA
652.34	CONE	67	EA
652.35	CONSTRUCTION SIGNS	1052	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	120	CD
652.38	FLAGGER	3360	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	3	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS
ESTIMATED QUANTITIES - SEWER UTILITIES			
202.1913	REMOVE ABANDONED ASBESTOS-CONTAINING PIPE	10	LF
203.2317	DISPOSAL OF SPECIAL WASTE	110	CY
801.17	8 INCH PVC SANITARY SEWER (SDR-35)	1140	LF
803.135	6 INCH SERVICE LEADS	451	LF
812.16	SEWER MANHOLE - 4' DIAMETER	7	EA
812.162	ADJUSTING SEWER MANHOLE TO GRADE	2	EA
812.164	REBUILDING SEWER MANHOLE	2	EA
ESTIMATED QUANTITIES - WATER UTILITIES			
202.1913	REMOVE ABANDONED ASBESTOS-CONTAINING PIPE	20	LF
203.2317	DISPOSAL OF SPECIAL WASTE	55	CY
822.34	8 INCH CLASS 52 DUCTILE IRON PIPE	664	LF
823.3251	8 INCH GATE VALVE WITH BOX	1	EA
823.332	GATE VALVE BOX, ADJUST TO GRADE	6	EA
824.3021	HYDRANT ASSEMBLY	1	EA
825.441	SHORT SIDE SERVICES - 1 INCH WATER	2	EA
825.4411	LONG SIDE SERVICES - 1 INCH WATER	6	EA
825.442	SHORT SIDE SERVICES - 2 INCH WATER	1	EA

COMMON EXCAVATION FOR ESTIMATE			
COMMON EXCAVATION (FROM CROSS SECTIONS)		4,757	
EARTH FROM DRIVES, OLD ROAD, ETC.		695	
GRUBBING IN FILL		0	
LOAM SALVAGE IN FILL		0	
UNDERCUT		0	
MUCK EXCAVATION		0	
CULVERT INLET AND OUTLET DITCHES		0	
PAVEMENT SALVAGE IN FILL		0	
TOTAL COMMON EXCAVATION			5,452
FILL FOR BORROW CALCULATIONS			
COMMON FILL (FROM CROSS SECTIONS)		433	
FILL FOR DRIVES		36	
GRUBBING IN FILL		0	
LOAM SALVAGE IN FILL		0	
UNDERCUT		0	
MUCK EXCAVATION		0	
PAVEMENT SALVAGE IN FILL		0	
TOTAL FILL			469
UNCLASSIFIED EXCAVATION FOR ESTIMATE			
TOTAL COMMON EXCAVATION		5,452	
TOTAL ROCK EXCAVATION		0	
TOTAL UNCLASSIFIED EXCAVATION			5,452
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS			
(1) TOTAL COMMON EXCAVATION			5,452
DEDUCTIONS:			
GRUBBING IN CUT		0	
GRUBBING IN FILL		0	
LOAM SALVAGE IN CUT		0	
LOAM SALVAGE IN FILL		0	
UNDERCUT		0	
MUCK EXCAVATION		0	
PAVEMENT SALVAGE (CUT & FILL)		741	
(2) TOTAL DEDUCTIONS			741
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)			4,711
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)			613
TOTAL AVAILABLE NON-ROCK EXCAVATION			5,324
COMPUTATION FOR COMMON BORROW FOR ESTIMATE			
(3) TOTAL FILL			469
TOTAL AVAIL. NON-ROCK EXCAV.	5,324 x 0.85 =	4,525	
TOTAL AVAIL. ROCK EXCAV.	0 x 1.33 =	0	
TOTAL AVAIL. STR. ROCK EXCAV.	x 1.33 =	0	
TOTAL WASTE MATERIAL TO BE UTILIZED	0 x 1 =	0	
(4) TOTAL AVAILABLE EXCAVATION			4,525
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			-4,057
IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION MINUS TOTAL FILL, PLUS TOTAL WASTE MATERIAL TO BE WASTED			4,057
<b>SURPLUS MATERIAL =</b>			<b>4057 CY</b>

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	STP-1785(200)X	PIN 17852.00	HIGHWAY PLANS
PROJ. MANAGER	DATE	BY	E. MARTIN
DESIGN-DETAILED	S. LEBLANC		
CHECKED-REVIEWED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SO. BERWICK ROUTE 236 (BERWICK ROAD)		ESTIMATED QUANTITIES	
SHEET NUMBER			
3			
OF 53			

STATION	CULVERT PIPE												CATCH BASIN						PIPE ARCH		MH	UNDERDRAIN				ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS												
	RCP			CMP		OPTION I		OPTION III		SMOOTHLINED		CORRUGATED										TYPE B		TYPE C		DESCRIPTIONS													
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	TYPE B LENGTH	OUTLET LENGTH	SMOOTHLINED SIZE	SMOOTHLINED LENGTH	CORRUGATED SIZE	CORRUGATED LENGTH																				
													A1-C	B1-C	B5-C	F4	F5	F6	RISE	LENGTH	GAGE OR WALL THICKNESS																		
CATCH BASIN																																							
CBI 10+50.00, 14.02' RT																																							
CB2 11+23.92, 21.00' LT																																							
CB3 11+46.80, 21.42' LT																																							
CB4 11+46.80, 14.02' LT																																							
CB5 12+36.64, 14.02' RT																																							
CB6 13+50.00, 14.02' LT																																							
CB7 14+92.90, 14.02' RT																																							
CB8 16+09.43, 28.52' LT																																							
CB9 16+44.04, 14.02' LT																																							
CB10 16+80.82, 14.46' RT																																							
CB11 16+92.06, 14.62' LT																																							
CB12 18+35.00, 23.00' LT																																							
CB13 18+50.00, 14.02' LT																																							
CB14 18+50.00, 21.81' RT																																							
CB15 31+00.85, 11.39' RT																																							
CB16 31+07.74, 14.31' LT																																							
CB17 19+50.00, 14.02' LT																																							
CB18 19+62.28, 18.22' RT																																							
CB19 41+24.49, 21.81' RT																																							
CB20 41+22.00, 19.68' LT																																							
CB21 22+28.18, 21.88' RT																																							
CB22 23+00.00, 14.02' LT																																							
CULVERT PIPES																																							
CB2 TO CB3																																							
CB3 TO CB4																																							
CB8 TO CB9																																							
16+77.86, 33.84' RT TO CB10																																							
CB10 TO CB11 CROSS CULVERT																																							
CB12 TO CB13																																							
CB13 TO CB14 CROSS CULVERT																																							
18+50.00, 35.14' RT TO CB14																																							
CB22 TO 23+50.00, 24.16' LT																																							
CB15 TO CB16 CROSS CULVERT																																							
CB19 TO CB20 CROSS CULVERT																																							
UNDERDRAIN																																							
STA. 10+50.00, 14.875' LT TO CB4																																							
CBI TO CB5																																							
CB4 TO CB6																																							
CB5 TO CB7																																							
CB6 TO CB9																																							
CB7 TO CB10																																							
CB9 TO CB11																																							
CB11 TO STA. 17+44.24, 14.875' LT																																							
STA. 18+00.00, 14.875' LT TO CB13																																							
CB13 TO CB15																																							
CB14 TO CB18																																							
CB16 TO CB17																																							
CB17 TO CB19																																							
CB18 TO CB21																																							
CB20 TO CB22																																							
CB21 TO STA. 23+07.18, 16.71' RT																																							

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
PIN 17852.00  
HIGHWAY PLANS

PROJ. MANAGER  
DESIGN-DETAILED  
CHECKED-REVIEWED  
DESIGN-DETAILED  
DESIGN-DETAILED  
REVISIONS 1  
REVISIONS 2  
REVISIONS 3  
REVISIONS 4  
FIELD CHANGES

E. MARTIN  
S. LEBLANC

DATE  
BY  
DATE

SIGNATURE  
P.E. NUMBER  
DATE

SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
DRAINAGE SHEET

SHEET NUMBER  
4  
OF 53



ITEM 201.23 REMOVING SINGLE TREE-TOP ONLY

STA.	DESCRIPTION
9+89.6 RT	48" Maple
10+43.7 LT	24" Maple
10+77.2 LT	30" Maple
10+91.8 LT	18" Maple
11+92.3 RT	18" Ash
12+40.9 RT	36" Ash
14+01.7 RT	18" Ash

ITEM 201.23 REMOVING STUMP

STA.	DESCRIPTION
9+89.6 RT	
10+43.7 LT	
10+77.2 LT	
10+91.8 LT	
11+92.3 RT	
12+40.9 RT	
14+01.7 RT	

ITEM 604.180 ADJUST MANHOLES OR CATCH BASIN TO GRADE

STA.	QUANTITY
9+29.94 LT	1

ITEM 606.23 GUARDRAIL TYPE 3C - SINGLE RAIL

STA.	TO	STA.	LENGTH
16+47 RT	TO	18+09 RT	162.5 LF
17+21 LT	TO	17+58 LT	37.5 LF

ITEM 606.231 GUARDRAIL TYPE 3C - 15 FT RADIUS OR LESS

STA.	TO	STA.	LENGTH
17+58 LT	TO	17+67 LT	12.5 LF

ITEM 606.232 GUARDRAIL TYPE 3C - OVER 15 FT RADIUS

STA.	TO	STA.	LENGTH
17+09 LT	TO	17+21 LT	12.5 LF

ITEM 606.259 ANCHORAGE ASSEMBLY

STA.	QUANTITY
17+09 LT	1
17+67 LT	1

ITEM 606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL

STA.	QUANTITY
17+09 LT	1
17+67 LT	1

ITEM 606.353 REFLEXORIZED FLEXIBLE GUARDRAIL MARKER

STA.	QUANTITY
16+09 RT	1
16+28 RT	1
17+09 LT	1
17+58 LT	1
18+21 RT	1
18+45 RT	1

ITEM 606.79 GUARDRAIL 350 FLARED TERMINAL

STA.	QUANTITY
16+08 RT	1
18+46 RT	1

ITEM 608.26 CURB RAMP DETECTABLE WARNING FIELD

STA.	AREA
8+60LT	12 SF
9+21 LT	12 SF
9+37 LT	12 SF
9+82 LT	12 SF
18+66 LT	12 SF
19+12 LT	12 SF
21+06 LT	12 SF
21+77 LT	12 SF

ITEM 609.31 CURB TYPE 3

STA.	TO	STA.	LENGTH
30+55.5 LT	TO	31+08.8 LT	74.2 LF
30+95.0 RT	TO	31+04.0 RT	10.3 LF
40+70.3 LT	TO	41+27.4 LT	61.0 LF
40+82.7 RT	TO	41+29.0 RT	55.2 LF

ITEM 610.08 PLAIN RIPRAP

STA.	VOLUME
16+77.86 RT	2.6 CY
17+44 LT	0.75 CY
17+62 LT	0.73 CY
18+50 RT	4.6 CY

ITEM 613.319 EROSION CONTROL BLANKET

STA.	AREA
16+77.86 RT	12 SY
18+50 RT	17 SY

ITEM 613.40 TURF REINFORCEMENT MAT (TRM)

STA.	AREA
18+50 RT	12.0 SY

ITEM 620.58 EROSION CONTROL GEOTEXTILE

STA.	AREA
16+77.86 RT	6 SY
18+50 RT	10 SY

ITEM 635.32 WET-CAST SMALL LANDSCAPE BLOCK WALL

ITEM 642.15 PRECAST CONCRETE STEPS

ITEM 636.65 SEGMENTAL RETAINING WALL RECONSTRUCTION

SEE RETAINING WALLS DETAILS AND SPECIAL PROVISIONS

ITEM 645.306 FLEXIBLE REFLECTORIZED DELINEATOR

STA.	QUANTITY
23+07.18	1
23+07.19	1

DRIVES AND ENTRANCES

STA.	DESCRIPTION	OPENING
9+13.0 RT	PAVED	86.9 FT
11+07.4 LT	PAVED	20.0 FT
11+41.5 RT	PAVED	26.0 FT
11+72.9 LT	PAVED	19.6 FT
11+81.4 LT	PAVED	20.5 FT
12+31.9 LT	PAVED	26.0 FT
12+50.0 RT	PAVED	26.0 FT
13+78.0 RT	PAVED	26.0 FT
14+32.0 LT	PAVED	26.0 FT
15+04.0 LT	PAVED	26.0 FT
15+12.0 RT	PAVED	26.0 FT
15+62.5 LT	PAVED	26.0 FT
16+74.0 LT	PAVED	36.0 FT
17+91.4 LT	PAVED	36.0 FT
18+91.8 RT	PAVED	40.0 FT
19+42.1 RT	PAVED	26.5 FT
20+47.0 RT	PAVED	20.0 FT
21+45.5 RT	PAVED	36.0 FT
23+30.0 LT	GRAVEL	35.5 FT
40+62.0 LT	PAVED	16.0 FT
40+70.0 RT	PAVED	33.0 FT

Date: 10/4/2012

Username: sarah.k.leblanc

Filename: ... \006\_ReconstructionNotes\_ConstructionBidgion: HIGHWAY

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
17852.00  
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	S. LEBLANC		
CHECKED-REVIEWED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
CONSTRUCTION NOTES

SHEET NUMBER  
6  
OF 53

MILL AND FILL NOTES

GENERAL NOTES

1. JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE BUTTED AS DIRECTED BY THE RESIDENT. PAYMENT SHALL BE MADE UNDER ITEM 202.202 REMOVE PAVEMENT SURFACE OR ITEM 202.203 PAVEMENT BUTT JOINT.
2. GRIND TRANSITION TAPERS AT CATCH BASINS UNDER ITEM 202.202 REMOVE PAVEMENT SURFACE OR ITEM 202.203 PAVEMENT BUTT JOINTS, AS DIRECTED BY THE RESIDENT.
3. WHERE DEEMED NECESSARY BY THE RESIDENT, UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE EDGES OF SHOULDERS AND PLACED IN DESIGNATED AREAS OR DISPOSED OF. PAYMENT WILL BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.
4. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF IN ACCEPTABLE WASTE AREAS.
5. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING OR MILLING SHALL BE INCIDENTAL TO THE RELATED PAVING OR MILLING ITEMS.
6. ALL EXISTING PAVED SHOULDERS AND WIDENINGS TO BE RESURFACED, AS DIRECTED BY THE RESIDENT.
7. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
8. EXISTING CURB SUITABLE FOR USE AS TERMINAL ENDS SHALL BE CUT IF NECESSARY AND UTILIZED AS SUCH AND PAID FOR INCIDENTAL TO ITEM 609.38 (RESET CURB TYPE 1).
9. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
10. 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.
11. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
12. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
13. STATIONS REFERENCED ARE APPROXIMATE.
14. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAIN DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION & SEDIMENT CONTROL, FEBRUARY, 2008.
15. PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAY" U.S.D.O.T. F.H.W.A. LATEST EDITION. PAVEMENT MARKING PAY ITEMS ARE LISTED IN THE QUANTITY SHEET.
16. THE CONTRACTOR IS RESPONSIBLE FOR TRANSFERRING THE EXISTING STRIPING PATTERN TO THE SURFACE COURSE.

CONSTRUCTION NOTES

ITEM 202.202 REMOVING PAVEMENT SURFACE

STA.	TO STA.	
+93.00	2+00.00	20' LANE LT
+93.00	2+00.00	28' TO 20' VAR. LANES RT
2+00.00	6+00.00	20' TO 19' VAR. LANES LT & RT
6+00.00	7+75.00	19' LANES LT & RT
7+75.00	8+50.00	19' TO 16' VAR. LANE LT
7+75.00	8+50.00	19' LANE RT

ITEM 202.203 PAVEMENT BUTT JOINTS

STA.	OFFSET	
2+60.00	LT	
3+66.00	LT	
4+00.00	RT	
4+75.00	LT	
6+15.00	LT	
6+75.00	LT	
7+50.00	RT	

ITEM 604.167 ALTER CATCH BASIN GRATE TO CASCADE

STA.	OFFSET	
2+45.00	LT	
2+45.00	RT	
5+05.00	LT	
5+05.00	RT	
5+95.00	RT	
7+69.00	LT	
7+75.00	RT	

ITEM 604.180 ADJUST MANHOLES OR CATCH BASINS TO GRADE

STA.	OFFSET	
6+00.00	LT	

ITEM 608.08 REINFORCED CONCRETE SIDEWALK

STA.	OFFSET	
1+00.00	LT	
3+42.00	LT	
3+75.00	LT	
3+65.00	RT	
4+00.00	RT	
5+84.00	LT	
6+00.00	LT	
6+00.00	LT	
6+60.00	LT	
6+60.00	LT	
7+80.00	LT	

ITEM 608.26 CURB RAMP DETECTABLE WARNING FIELD

STA.	OFFSET	AREA	
0+93.00	LT	12 SF	
0+93.00	RT	12 SF	
2+55.00	LT	12 SF	Alley
3+42.00	LT	12 SF	P.O
3+65.00	RT	12 SF	P.O
4+00.00	RT	12 SF	P.O
4+62.00	LT	12 SF	Young St
4+97.00	LT	12 SF	Young St
5+30.00	RT	12 SF	Norton St
5+84.00	LT	12 SF	Norton St
5+84.00	RT	12 SF	Norton St
7+80.00	LT	12 SF	Butler St
7+90.00	RT	12 SF	Church Walkway
8+45.00	LT	12 SF	Butler St

ITEM 609.237 TERMINAL CURB TYPE 1 - 7 FOOT

STA.	OFFSET	QUANTITY	
2+55.00	LT	2 EA.	Alley
3+42.00	LT	1 EA.	
3+75.00	LT	1 EA.	
3+65.00	RT	2 EA.	P.O
4+00.00	RT	1 EA.	P.O
5+84.00	LT	2 EA.	Norton St
6+00.00	LT	2 EA.	
6+60.00	LT	2 EA.	
7+80.00	LT	1 EA.	Butler St

ITEM 609.2371 TERMINAL CURB TYPE 1 - 7 FOOT CIRCULAR

STA.	OFFSET	QUANTITY	
3+65.00	RT	1 EA.	P.O
4+00.00	RT	1 EA.	P.O
7+80.00	LT	1 EA.	Butler St

ITEM 609.31 CURB TYPE 3

STA.	OFFSET	LENGTH	
7+80.00	LT	74.2 LF	Butler St.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN 17852.00  
HIGHWAY PLANS

SIGNATURE  
P.E. NUMBER  
DATE

PROJ. MANAGER	BY	DATE
E. MARTIN	S. LEBLANC	
CHECKED-REVIEWED		
DESIGN DET AILED		
DESIGN DET AILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SO. BERWICK ROAD  
ROUTE 236 (BERWICK ROAD)  
MILL & FILL NOTES

SHEET NUMBER  
2  
OF 53

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \msta\007\_Mill & FillNotes.dgn

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \008\_SpecialDetails\_Outlets.dgn

NOTE:  
SEEDING METHOD #3 UNDER GEOTEXTILES  
AND ON ALL EXPOSED SURFACES AFTER GRADING

TURF REINFORCEMENT MAT (TRM)  
ITEM 613.40  
STAPLED IN PLACE

EDGE OF SPREADER  
LEVEL ACROSS LENGTH  
SET IN FIELD  
ELEV. 74.75

BOTTOM OF SPREADER  
6" BELOW SPREADER EDGE  
LEVEL ACROSS LENGTH  
ELEV. 74.25

EXCAVATED TROUGH

EXISTING GRADE

FLOW

EROSION CONTROL BLANKET  
ITEM 613.319  
CARRIED 4' UP SLOPE AND  
STAPLED IN PLACE

BURIED 6" MIN

BURIED 6" MIN

BOTTOM OF SPREADER

SECTION A-A  
VEGETATED LIP LEVEL SPREADER  
TYPICAL SECTION

24" CULVERT  
OUTLET INVERT ELEV = 73.40'  
STA. 16+77.86

6' X 8' ENERGY DISSIPATOR - RIPRAP APRON  
BMP 802(208) - SET AT ZERO GRADE  
ITEM 610.08

EROSION CONTROL BLANKET  
ITEM 613.319  
AND SEEDING METHOD #3

TOP OF STREAM BANK

TOP OF STREAM BANK

PROPOSED CULVERT OUTLET TREATMENT  
STATION 16+77.86

24" CULVERT  
OUTLET INVERT ELEV = 75.00'  
STA. 18+50.00

8' X 10' RIPRAP APRON  
ITEM 610.08

18' VEGETATED LEVEL LIP SPREADER  
BOTTOM INVERT ELEV = 74.25  
LEVEL LIP INVERT ELEV = 74.75

EROSION CONTROL BLANKET  
ITEM 613.319  
AND SEEDING METHOD #3

TURF REINFORCEMENT MAT (TRM)  
ITEM 613.40

PROPOSED CULVERT OUTLET TREATMENT  
STATION 18+50

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
17852.00  
HIGHWAY PLANS

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

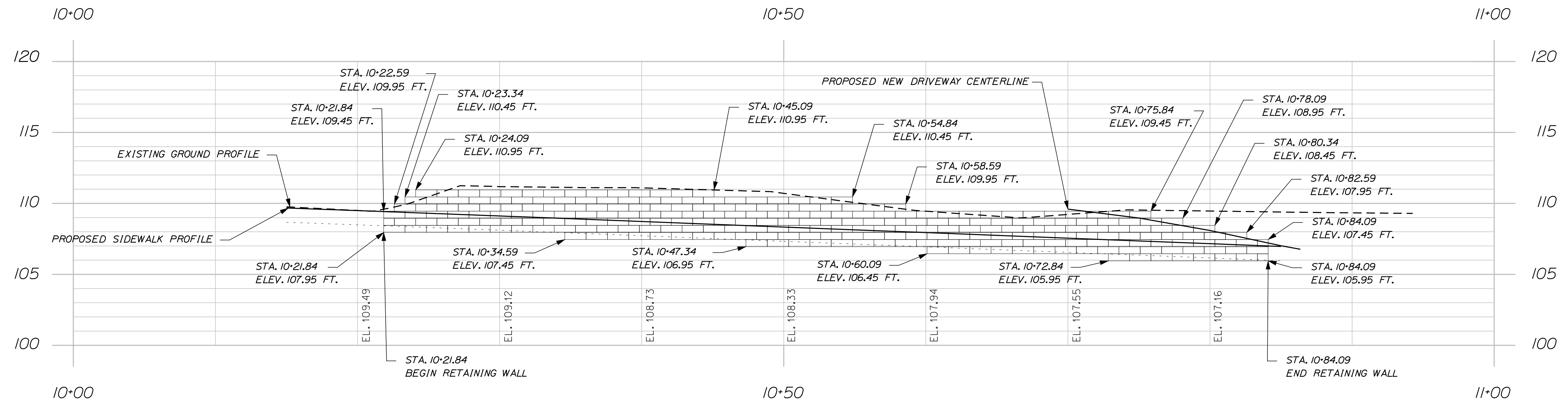
SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
OUTLET DETAILS

SHEET NUMBER  
8  
OF 53

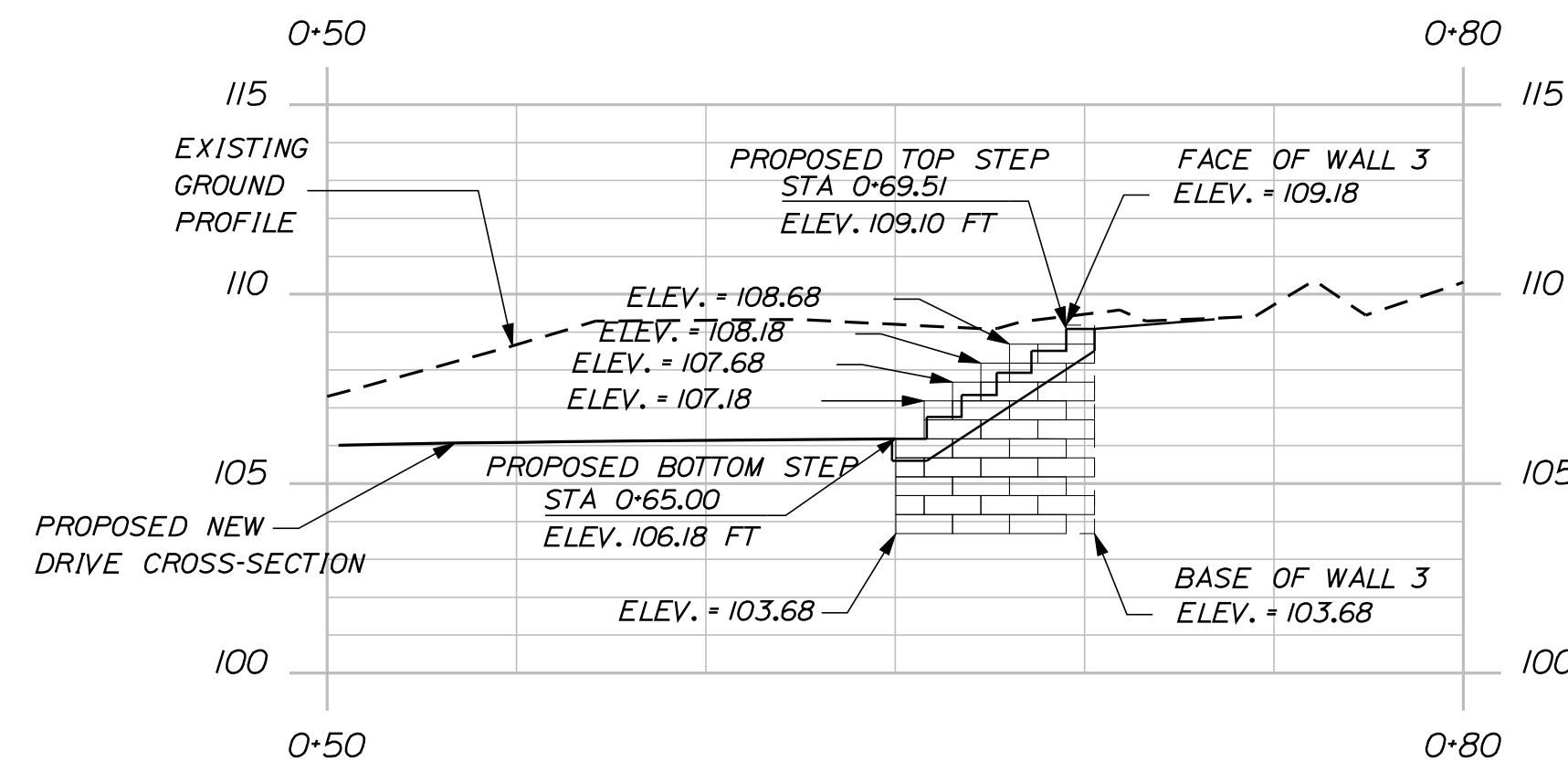
Date: 10/4/2012

Username: sarah.k.leblanc

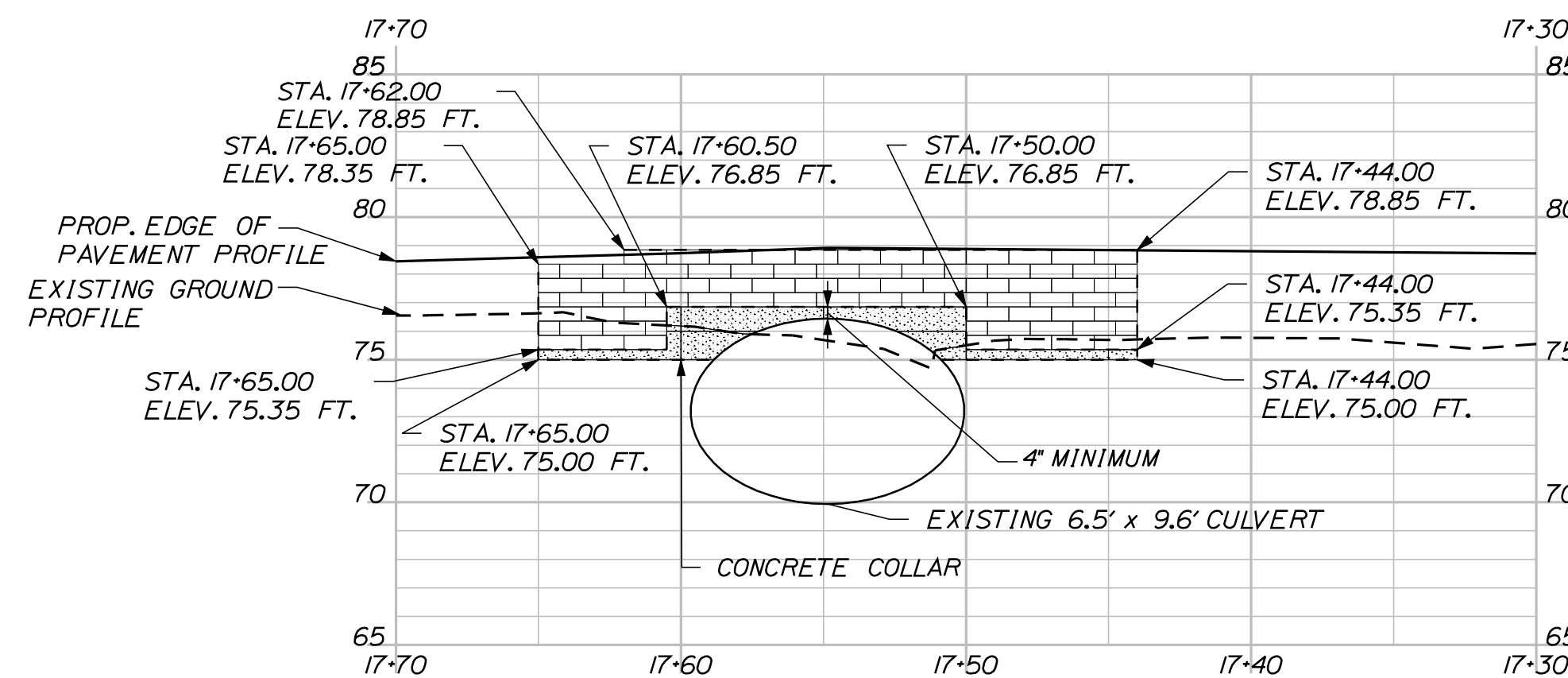
Filename: ...009\_SpecialDetails\_Retaining Walls.dgn Division: HIGHWAY



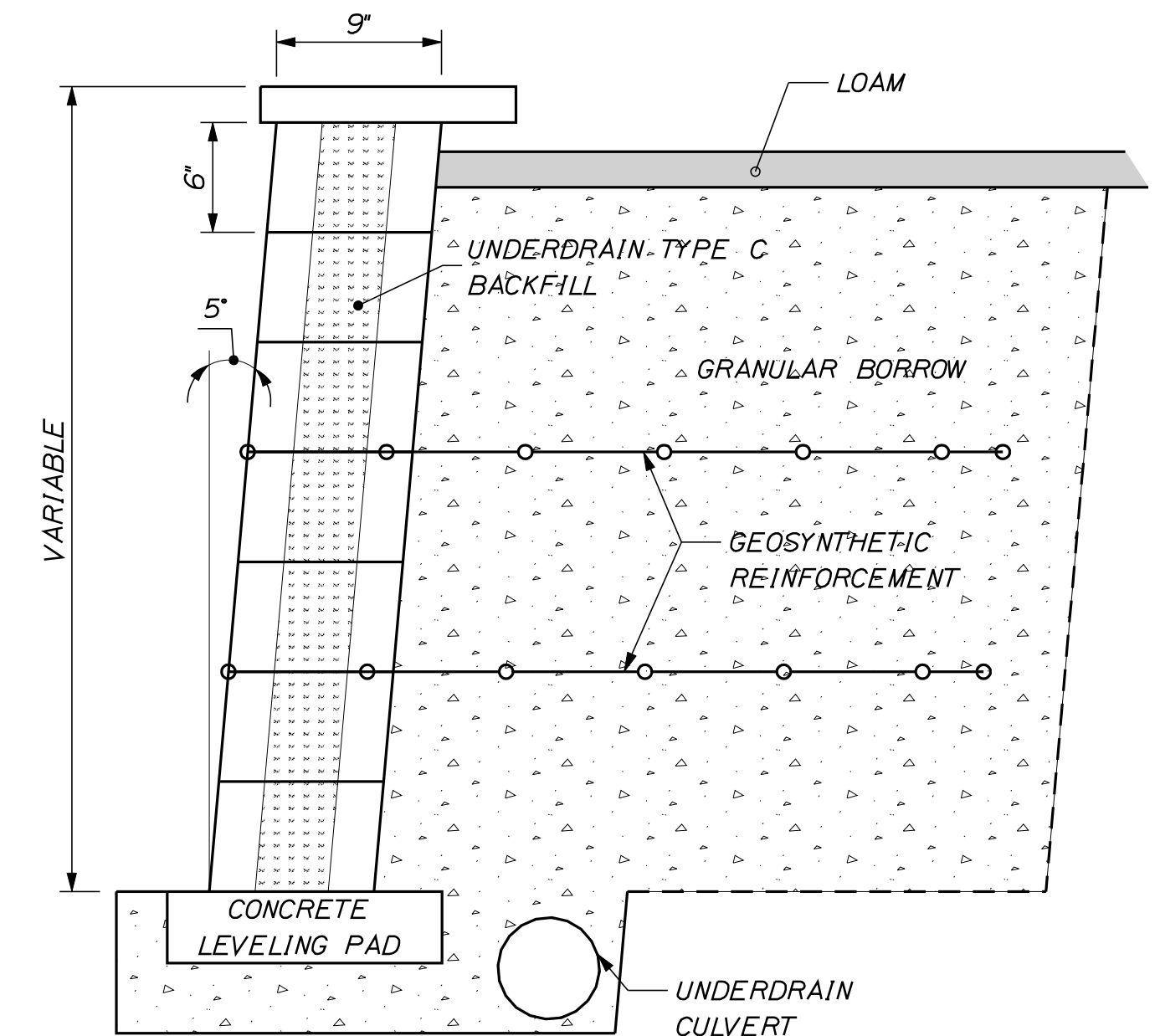
WALL 1



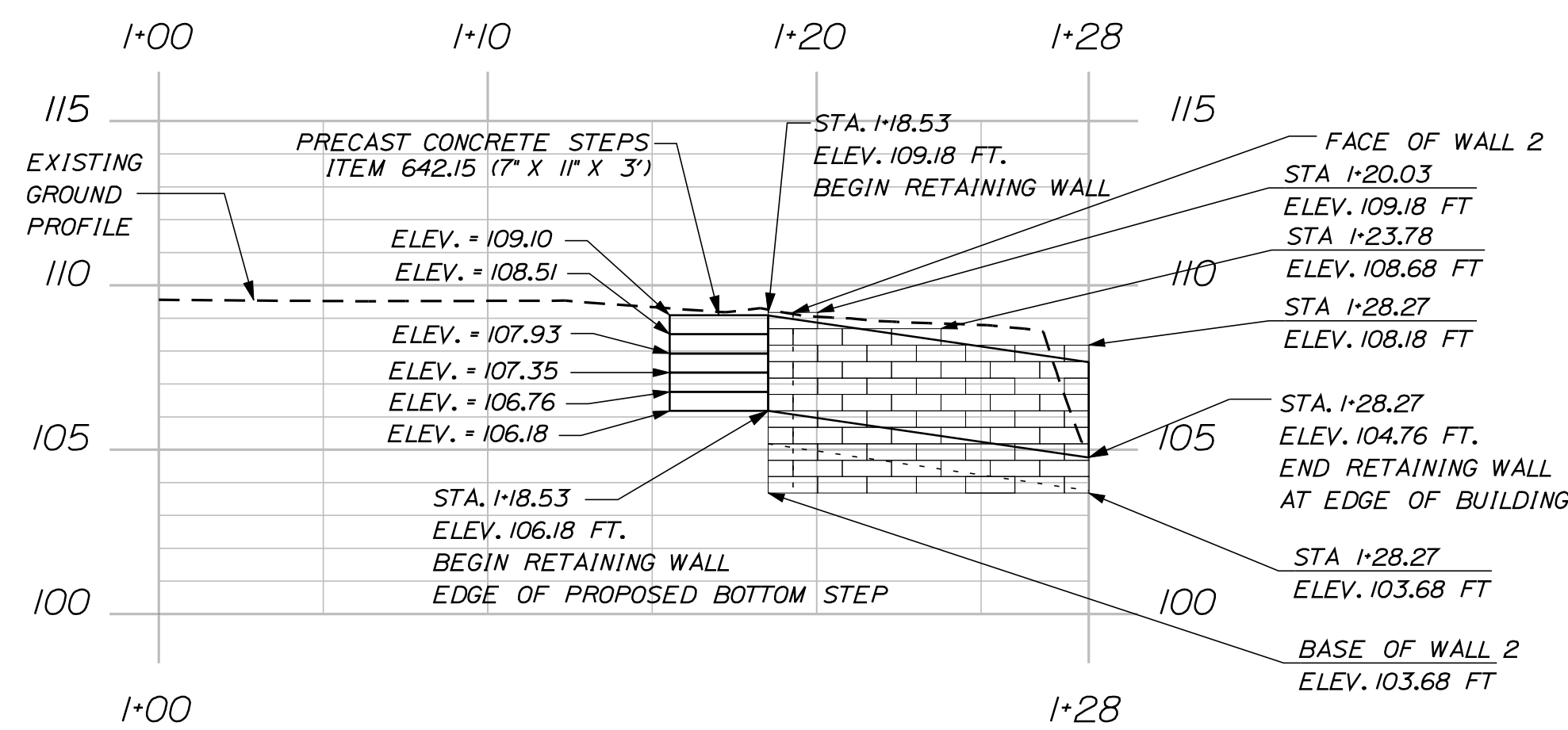
WALL 2



WALL 4



TYPICAL SECTION



WALL 3

NOTES:

1. THE CONTRACTOR SHALL PROVIDE A WET CAST SMALL LANDSCAPE BLOCK WALL IN ACCORDANCE WITH SPECIAL PROVISION SECTION 635. THE WALL DESIGN SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION. THE WALL DESIGN SHALL BE STAMPED BY A LICENSED PROFESSIONAL ENGINEER AND THE DESIGN AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE RESIDENT FOR REVIEW. PLAN DETAILS ARE SHOWN FOR ESTIMATING PURPOSES ONLY.
2. BACKFILL AND FOUNDATIONS SOILS PARAMETERS FOR USE IN THE SUBMITTED DESIGN SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION 635.
3. FOR THE STRENGTH LIMIT STATE, THE APPLIED FACTORED BEARING PRESSURE OF THE WALL SHALL NOT EXCEED A FACTORED BEARING RESISTANCE OF 2.8 KSF.
4. ALL EXPOSED BLOCK FACES SHALL BE FINISHED TO MATCH THE FACE OF THE WALL.
5. PIPED DRAINAGE WILL BE INCLUDED IN THE DESIGN OF THE WALLS. WALL DRAINAGE WILL BE INCIDENTAL TO CONSTRUCTION OF THE WALL AND WILL NOT BEGIN UNTIL STA. 10-50.00.
6. A MINIMUM EMBEDMENT DEPTH OF 1.0 FEET IS REQUIRED IN THE DESIGN AND CONSTRUCTION OF THE WET CAST SMALL LANDSCAPE BLOCK WALL.
7. THE FACE QUANTITY OF WET CAST SMALL LANDSCAPE BLOCK WALL WILL BE APPROVED BY APPROVAL OF THE SHOP DRAWINGS.
8. UNDERDRAIN CULVERT FOR WALLS 1, 2, & 3 WILL TIE INTO CB #2.
9. RADIUS CONSTRUCTION FOR WALL 3 WILL BE FIELD FIT, AS DIRECTED BY THE RESIDENT.
10. CONCRETE COLLAR ON WALL 4 IS INCIDENTAL TO THE CONSTRUCTION OF THE WALL.
11. STATIONING ALONG WALL 4 FOLLOWS THE CENTERLINE STATIONING LOOKING AT THE FACE OF THE WALL.

NOT TO SCALE

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
17852.00  
HIGHWAY PLANS

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

SO. BERWICK (BERWICK ROAD)  
ROUTE 236  
RETAINING WALLS DETAILS

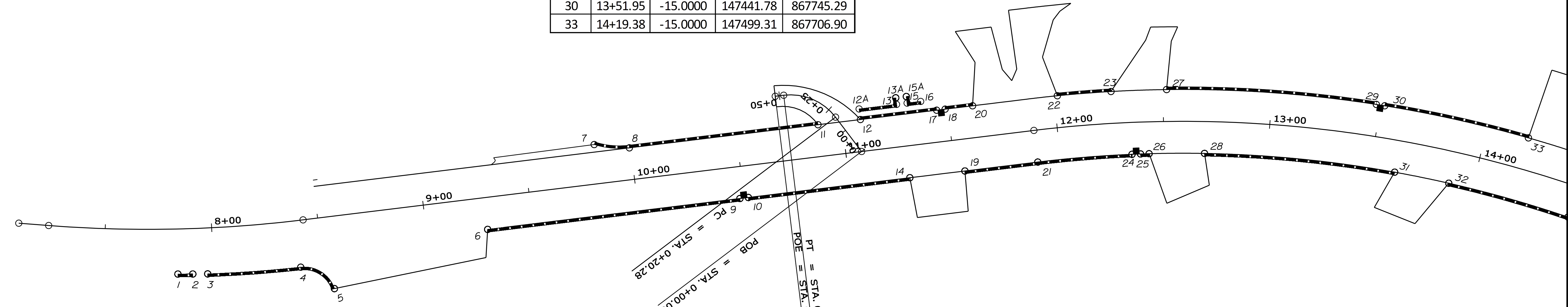
SHEET NUMBER  
9  
OF 53



PT to PT	RADIUS	LENGTH	STATION	OFFSET	X-CORD	Y-CORD
<b>CURVE CENTERPOINT DATA FOR CURB RIGHT</b>						
4 - 5	15.00	20.26	8+39.35	36.98	147157.03	868175.17
65 - 68	10.00	15.10	19+70.39	24.99	147994.20	867449.91
75 - 76	15.00	25.90	21+70.06	29.99	148081.16	867264.20
<b>CURVE CENTERPOINT DATA FOR CURB LEFT</b>						
7 - 8	39.00	16.75	9+99.38	53.99	147179.82	867992.30
56A - 58	8.50	14.13	18+59.56	28.52	147879.69	867490.60

<b>CONTROL POINTS FOR CURB LEFT</b>				
PT	STATION	OFFSET	X-CORD	Y-CORD
7	9+83.15	-18.5304	147198.56	868026.50
8	9+99.39	-15.0000	147211.10	868015.60
11	10+88.64	-15.0000	147264.41	867944.02
12	11+08.71	-15.0000	147276.40	867927.92
17	11+44.80	-15.0000	147297.96	867898.98
18	11+48.80	-15.0000	147300.35	867895.77
20	11+61.80	-15.0000	147308.11	867885.34
22	12+01.57	-15.0000	147332.18	867853.27
23	12+26.20	-15.0000	147348.14	867833.68
27	12+51.66	-15.0000	147365.50	867814.16
29	13+48.05	-15.0000	147438.61	867747.72
30	13+51.95	-15.0000	147441.78	867745.29
33	14+19.38	-15.0000	147499.31	867706.90

<b>CONTROL POINTS FOR CURB LEFT- BACK OF SIDEWALK</b>				
PT	STATION	OFFSET	X-CORD	Y-CORD
12A	11+08.71	-20.0000	147272.39	867924.93
13	11+26.42	-20.0000	147282.97	867910.73
13A	11+26.42	-23.1233	147280.46	867908.86
15A	11+31.42	-23.1230	147283.45	867904.85
15	11+31.42	-20.0000	147285.95	867906.72
16	11+37.83	-20.0000	147289.79	867901.59



<b>CONTROL POINTS FOR CURB RIGHT</b>				
PT	STATION	OFFSET	X-CORD	Y-CORD
1	7+83.65	21.1951	147107.61	868210.01
2	7+90.41	21.3676	147112.42	868204.93
3	7+97.16	21.6034	147117.23	868199.84
4	8+39.45	21.9806	147145.12	868166.05
5	8+53.80	33.8891	147163.33	868161.56
6	9+28.64	15.0000	147192.89	868090.25
9	10+48.00	15.0000	147264.19	867994.53
10	10+52.00	15.0000	147266.58	867991.32
14	11+28.43	15.0000	147312.24	867930.03
19	11+54.49	15.0000	147327.81	867909.12
21	11+88.96	15.0000	147348.40	867881.48
24	12+34.60	15.0000	147376.34	867846.92
25	12+38.71	15.0000	147378.98	867843.92
26	12+42.81	15.0000	147381.65	867840.95
28	12+69.53	15.0000	147399.54	867822.01
31	13+61.79	15.0000	147467.58	867763.51

DRIVEWAY STA. 11+07 LT CURVE DATA  
 PI = 0+35.54  
 D = 216°12'37.8"  
 Δ = 59°51'18.7" Lt.  
 R = 26.50'  
 L = 27.68'  
 T = 15.26'  
 E = 4.08'

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
<b>STP-1785(200)X</b>	
WIN 17852.00	HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE
E. MARTIN			
S. LEBLANC			

DESIGN DETAILED	SIGNATURE

DESIGN DETAILED	P.E. NUMBER

REVISIONS	DATE
1	
2	
3	
4	

FIELD CHANGES

SO. BERWICK ROAD ROUTE 236 (BERWICK ROAD) GEOMETRICS AND CURB LAYOUT
---

SHEET NUMBER
11
OF 53

Date: 10/4/2012

Username: sarah.k.leblanc

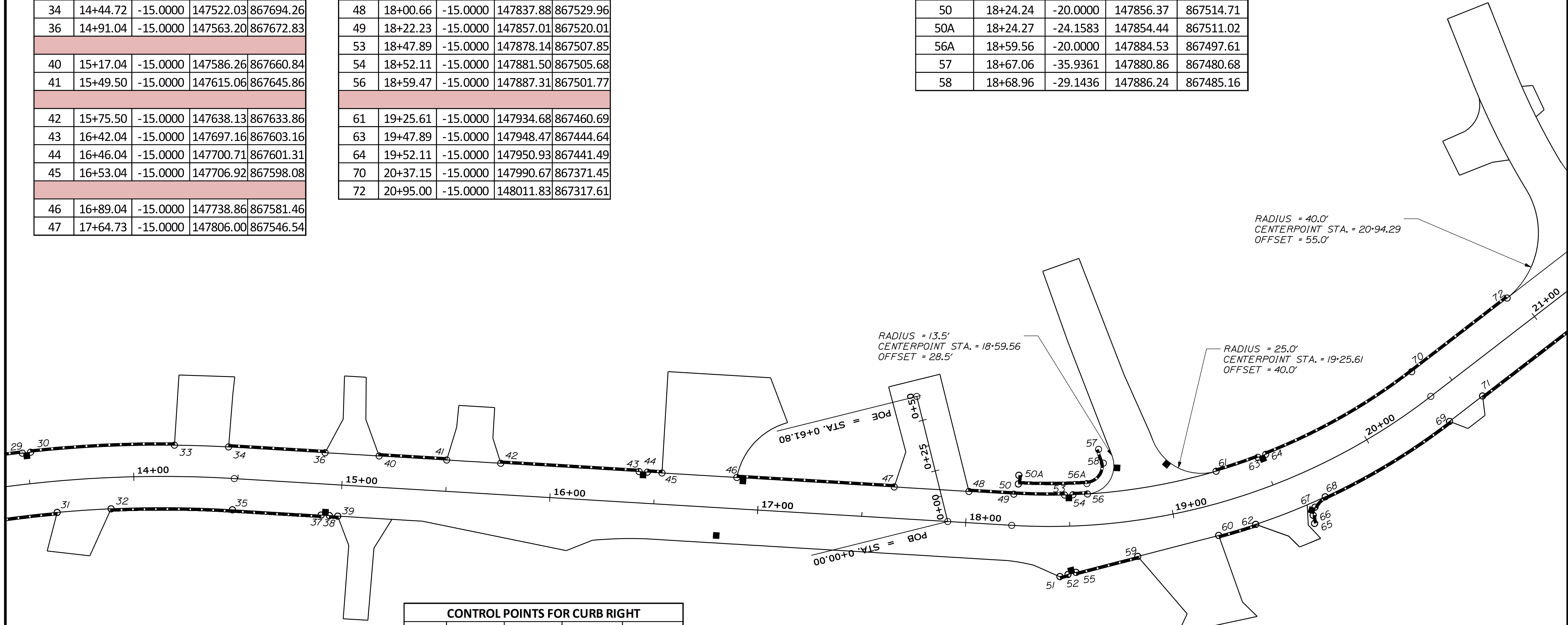
Filename: ... \HIGHWAY\MSTA012\_Geometry2.dgn Division: HIGHWAY

CONTROL POINTS FOR CURB LEFT				
PT	STATION	OFFSET	X-CORD	Y-CORD
34	14+44.72	-15.0000	147522.03	867694.26
36	14+91.04	-15.0000	147563.20	867672.83
40	15+17.04	-15.0000	147586.26	867660.84
41	15+49.50	-15.0000	147615.06	867645.86
42	15+75.50	-15.0000	147638.13	867633.86
43	16+42.04	-15.0000	147697.16	867603.16
44	16+46.04	-15.0000	147700.71	867601.31
45	16+53.04	-15.0000	147706.92	867598.08
46	16+89.04	-15.0000	147738.86	867581.46
47	17+64.73	-15.0000	147806.00	867546.54

CONTROL POINTS FOR CURB LEFT (CONT.)				
PT	STATION	OFFSET	X-CORD	Y-CORD
48	18+00.66	-15.0000	147837.88	867529.96
49	18+22.23	-15.0000	147857.01	867520.01
53	18+47.89	-15.0000	147878.14	867507.85
54	18+52.11	-15.0000	147881.50	867505.68
56	18+59.47	-15.0000	147887.31	867501.77
61	19+25.61	-15.0000	147934.68	867460.69
63	19+47.89	-15.0000	147948.47	867444.64
64	19+52.11	-15.0000	147950.93	867441.49
70	20+37.15	-15.0000	147990.67	867371.45
72	20+95.00	-15.0000	148011.83	867317.61

CONTROL POINTS FOR CURB LEFT- BACK OF SIDEWALK				
PT	STATION	OFFSET	X-CORD	Y-CORD
50	18+24.24	-20.0000	147856.37	867514.71
50A	18+24.27	-24.1583	147854.44	867511.02
56A	18+59.56	-20.0000	147884.53	867497.61
57	18+67.06	-35.9361	147880.86	867480.68
58	18+68.96	-29.1436	147886.24	867485.16

CONTROL POINTS FOR CURB RIGHT				
PT	STATION	OFFSET	X-CORD	Y-CORD
32	13+88.42	15.0000	147488.89	867748.71
35	14+48.27	15.0000	147539.10	867719.19
37	14+90.90	15.0000	147576.92	867699.51
38	14+94.90	15.0000	147580.47	867697.67
39	14+98.90	15.0000	147584.02	867695.82
51	18+45.02	24.6869	147896.76	867543.01
52	18+48.49	23.1622	147899.12	867539.72
55	18+52.24	22.9030	147902.38	867537.31
59	18+80.46	17.2257	147923.42	867515.06
60	19+18.52	15.0000	147951.58	867486.48
62	19+36.17	15.0000	147964.09	867472.79
65	19+61.12	24.5645	147988.08	867457.87
66	19+61.98	20.6988	147985.49	867454.86
67	19+64.20	17.5034	147984.27	867451.08
68	19+70.35	15.0000	147985.91	867444.32
69	20+36.98	15.0000	148018.52	867382.59

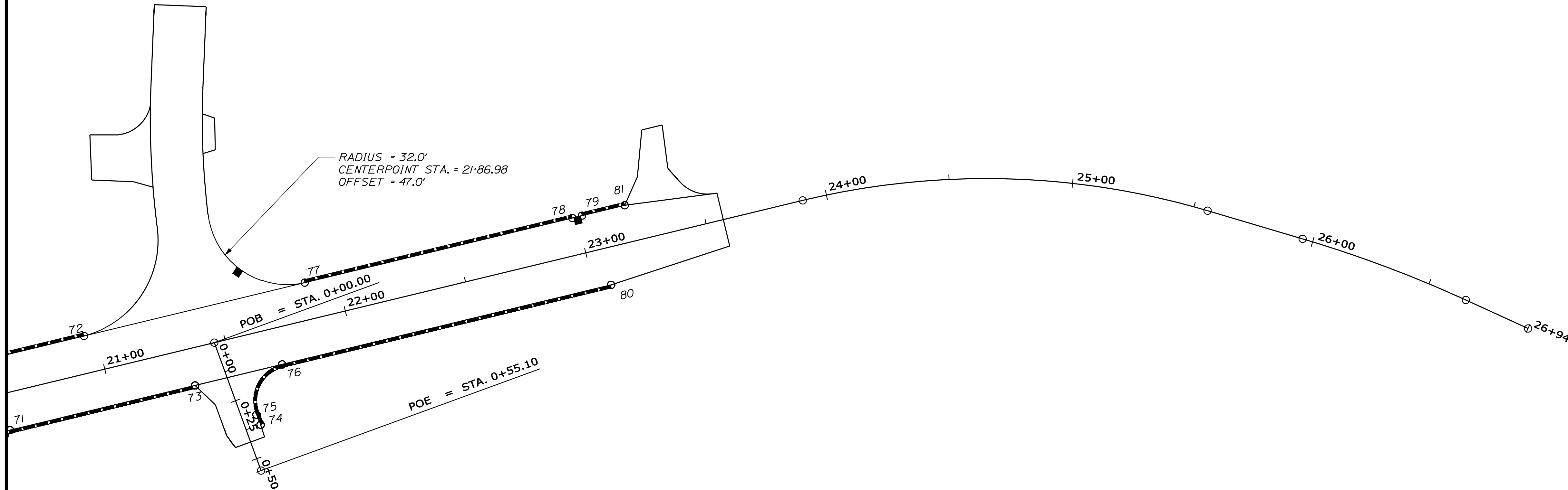


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1785(200)X		WIN 17852.00	
HIGHWAY PLANS			
PROJ. MANAGER	E. MARTIN	DATE	
CHECKED/REVIEWED	S. LEBLANC	BY	
DESIGNS DET/TAILED		SIGNATURE	
DESIGNS DET/TAILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SO. BERWICK ROAD		ROUTE 236 (BERWICK ROAD)	
GEOMETRICS AND		CURB LAYOUT	
SHEET NUMBER			
12			
OF 53			

Filename: ... \HIGHWAY\MSTA013\_Geometry3.dgn Division: HIGHWAY Username: sarah.k.leblanc Date: 10/4/2012

CONTROL POINTS FOR CURB RIGHT				
PT	STATION	OFFSET	X-CORD	Y-CORD
71	20+56.97	15.0000	148025.85	867363.98
73	21+33.89	15.0000	148053.97	867292.38
74	21+55.93	36.7008	148082.23	867279.80
75	21+55.25	32.3287	148077.91	867278.84
76	21+70.06	15.0000	148067.20	867258.71
80	23+06.87	15.0000	148117.22	867131.38

CONTROL POINTS FOR CURB LEFT				
PT	STATION	OFFSET	X-CORD	Y-CORD
77	21+86.75	-15.0000	148045.38	867232.22
78	22+98.00	-15.0000	148086.06	867128.67
79	23+02.00	-15.0000	148087.52	867124.95
81	23+19.80	-15.0000	148094.03	867108.37



GRANITE CURB ITEM BREAKDOWN

ITEM NO. 609.11 VERTICAL CURB, TYPE 1		
PT to PT	OFFSET	LENGTH
1 - 4	RT	36.81
6 - 39	RT	441.10
8 - 81	LT	756.61
12A - 13A	LT	13.85
15A - 16	LT	9.44
50A - 56A	LT	36.00
51 - 62	RT	37.19
68 - 73	RT	133.95
76 - 80	RT	132.50

ITEM NO. 609.12 VERTICAL CURB, TYPE 1 CIRCULAR			
PT to PT	OFFSET	LENGTH	RADIUS
4 - 5	RT	16.26	15.00
7 - 8	LT	9.75	39.00
56A - 58	LT	14.13	8.50
65 - 68	RT	7.1	10.00
75 - 76	RT	25.9	15.00

ITEM NO. 609.234 4' TERMINAL END	
END POINTS	
6	59
14	60
19	62
26	69
28	71
31	73
32	74
39	80
51	

ITEM NO. 609.2341 4' TERMINAL END CIRCULAR	
PT	RADIUS
5	15
65	10

ITEM NO. 609.237 7' TERMINAL END	
END POINTS	
2	41
3	42
11	45
12	46
12A	47
20	48
22	56
23	57
27	61
33	72
34	77
36	81
40	

ITEM NO. 609.2371 7' TERMINAL END CIRCULAR	
PT	RADIUS
7	39.00

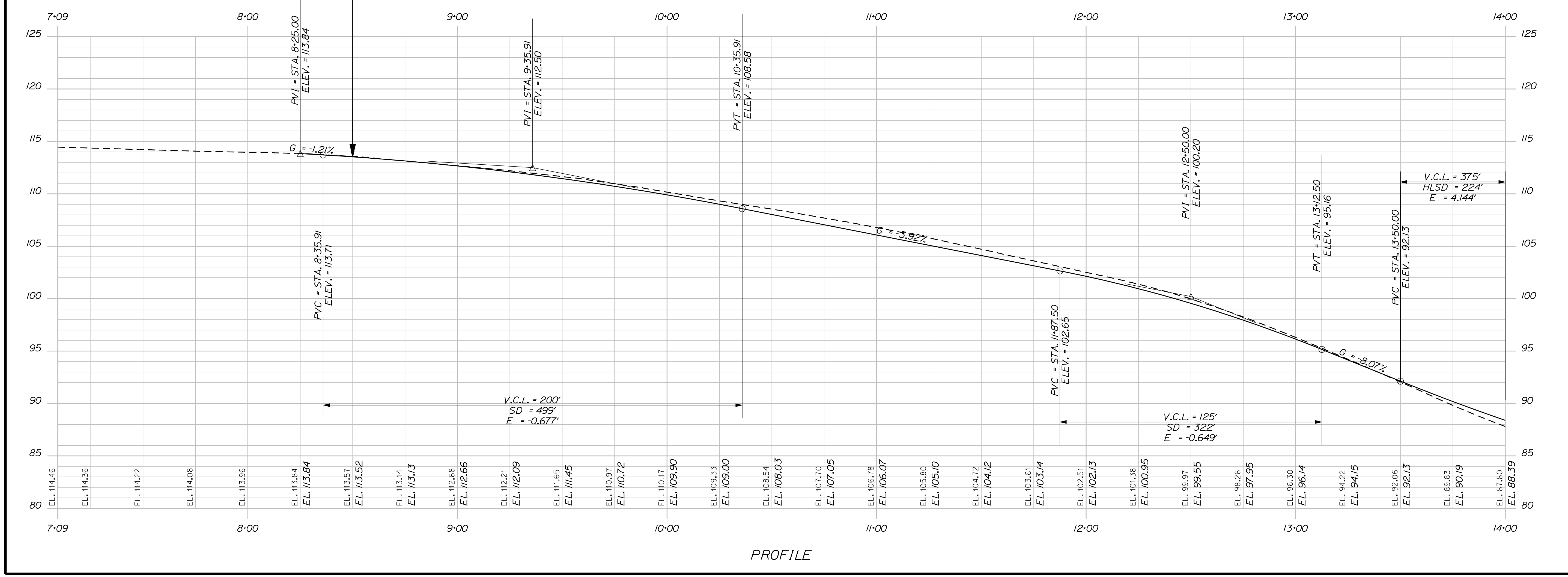
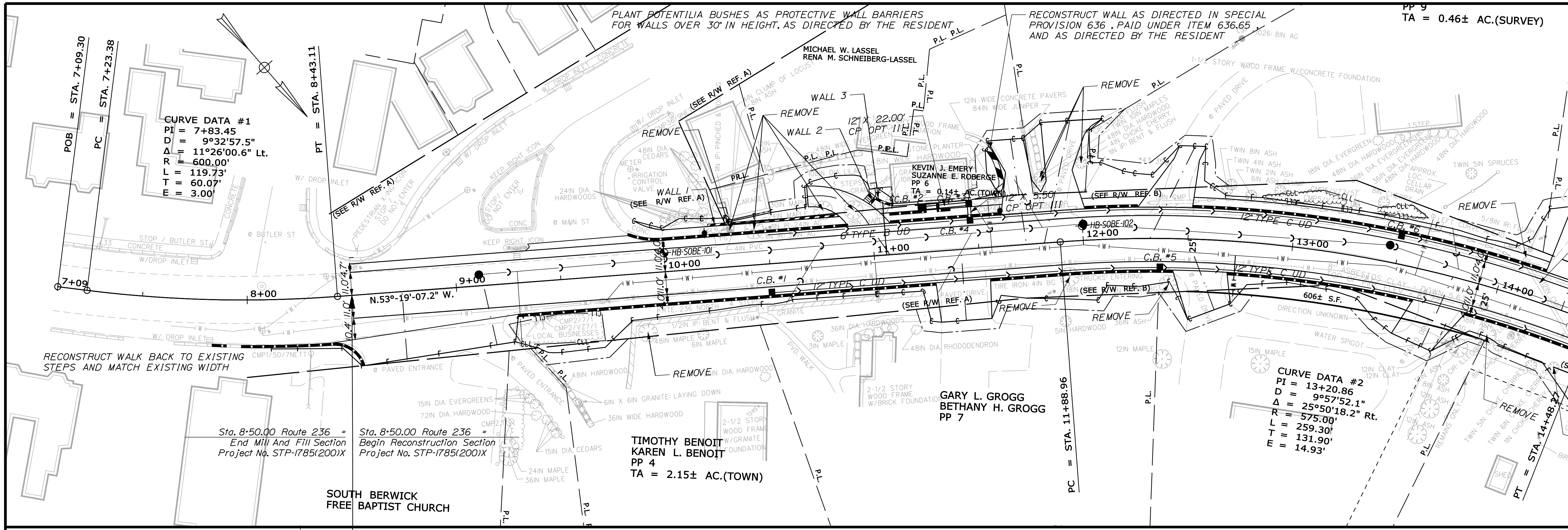
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
17852.00  
HIGHWAY PLANS

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

SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
GEOMETRICS AND  
CURB LAYOUT

SHEET NUMBER  
**13**  
OF 53

Filename: ... \HIGHWAY\MSTA014\_HDPLAN1.DGN Division: HIGHWAY Username: sarah.k.leblanc Date: 10/4/2012



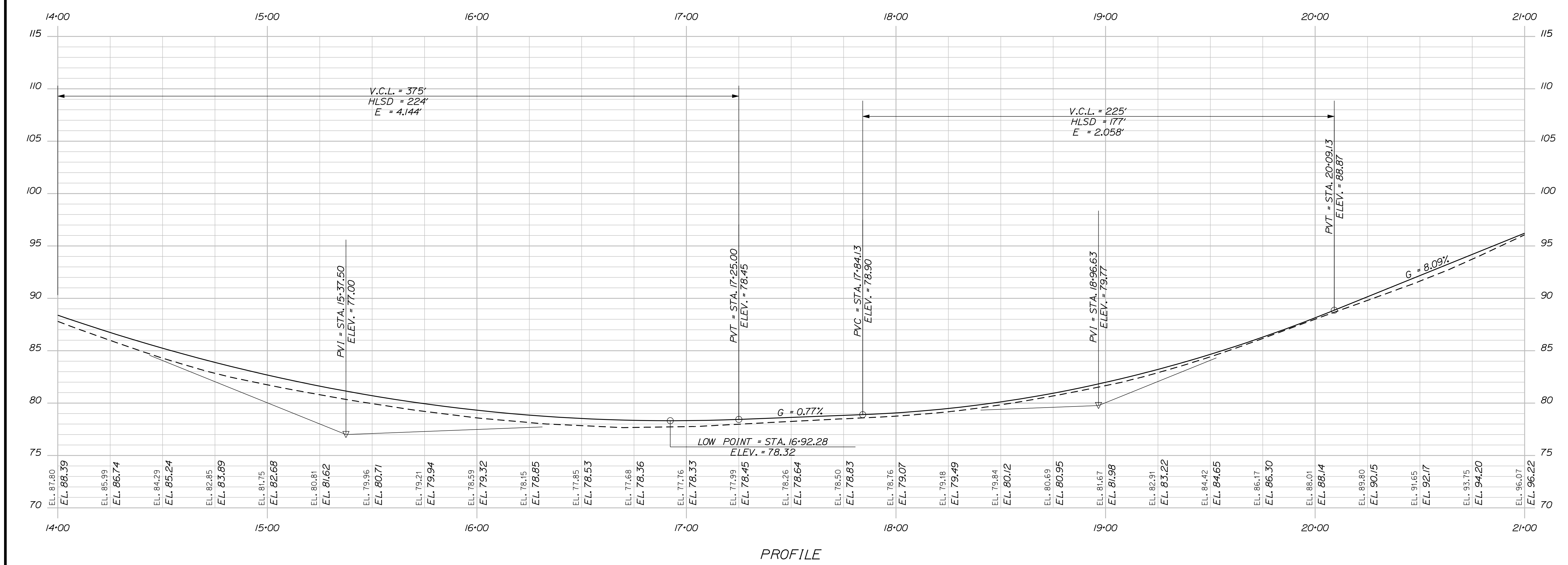
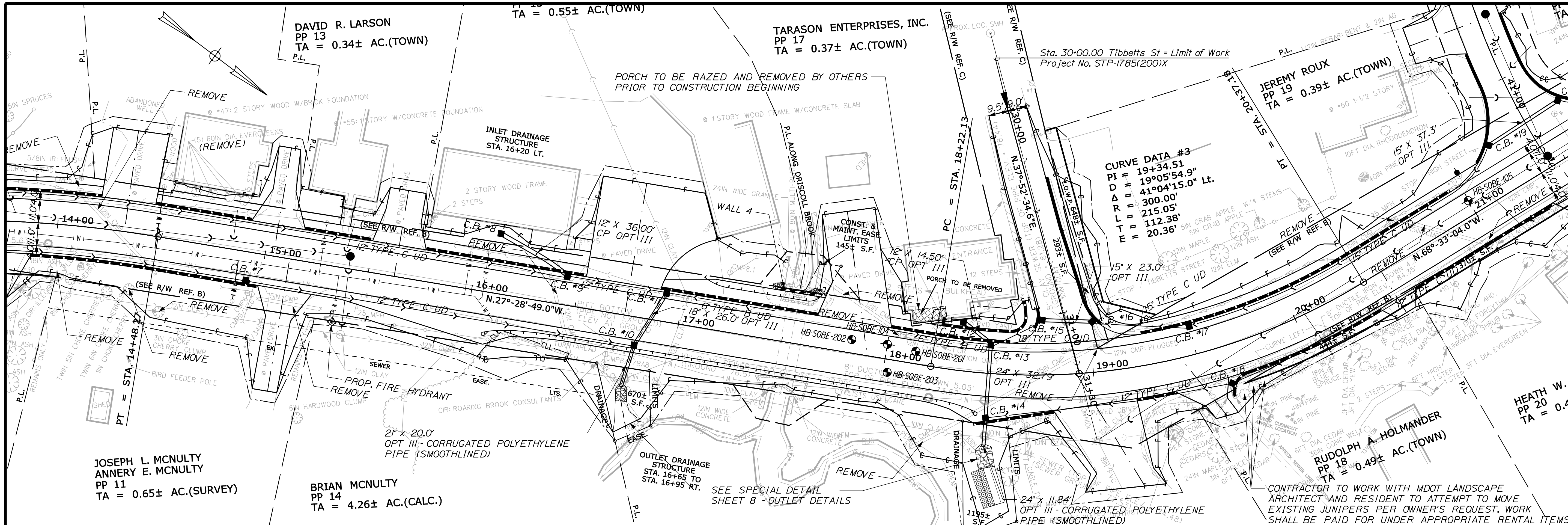
SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
PLANS

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTAN015\_HDPLAN.DGN



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
PIN 17852.00  
HIGHWAY PLANS

DATE	BY	PROJ. MANAGER	SIGNATURE	P.E. NUMBER	DATE
		E. MARTIN			
		S. LEBLANC			

SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
PLANS

SHEET NUMBER  
**15**  
OF 53

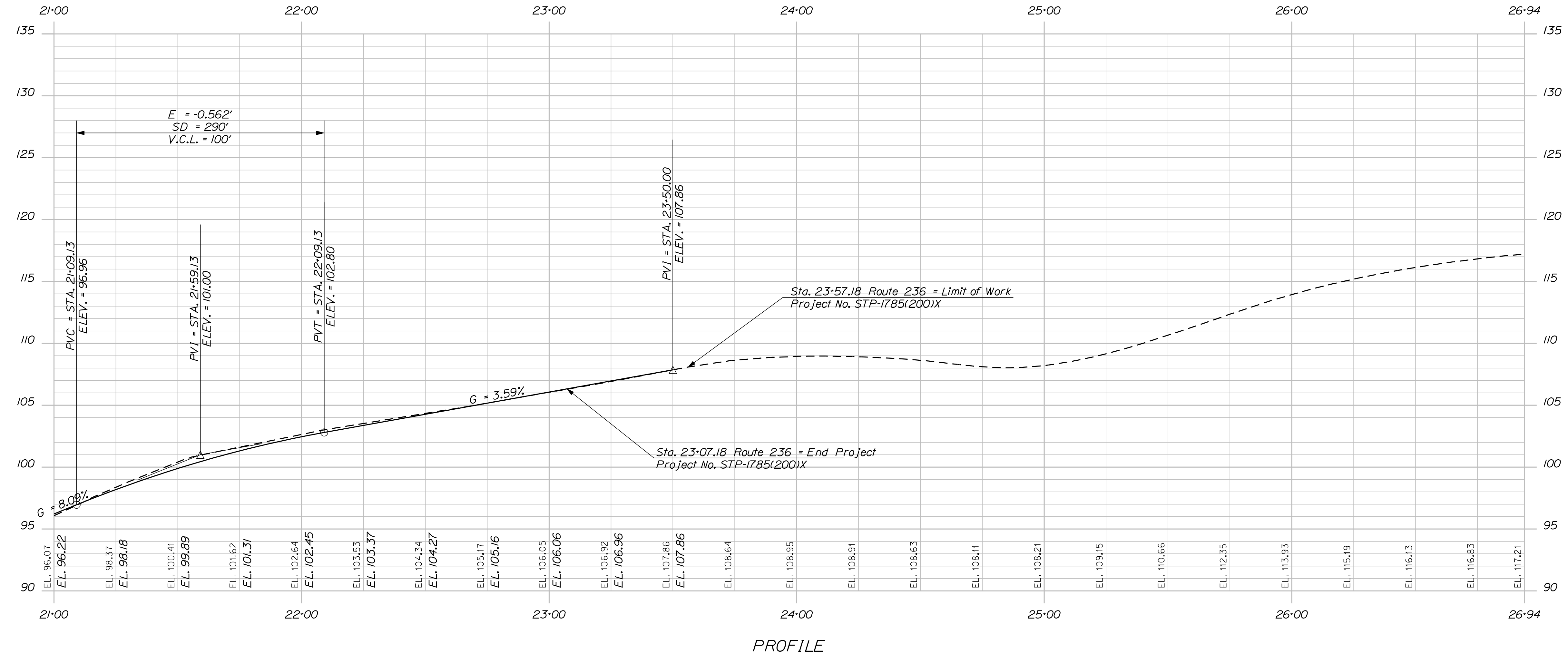
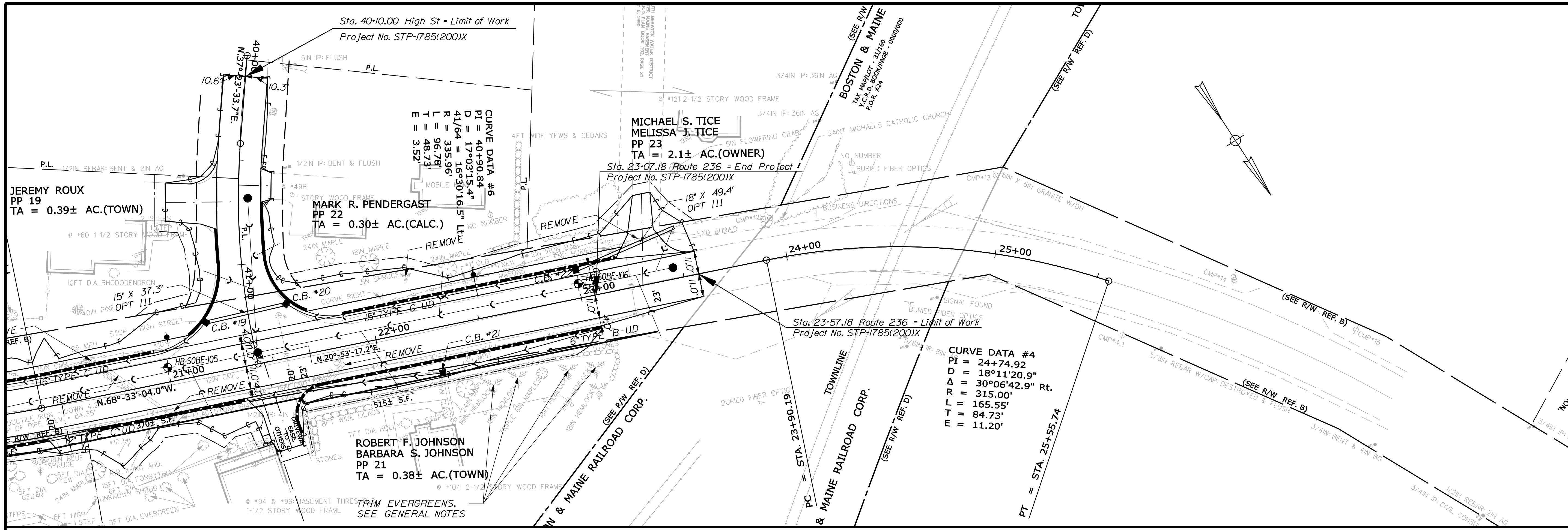
STA. 14+00.00 TO STA. 21+00.00

Date: 10/4/2012

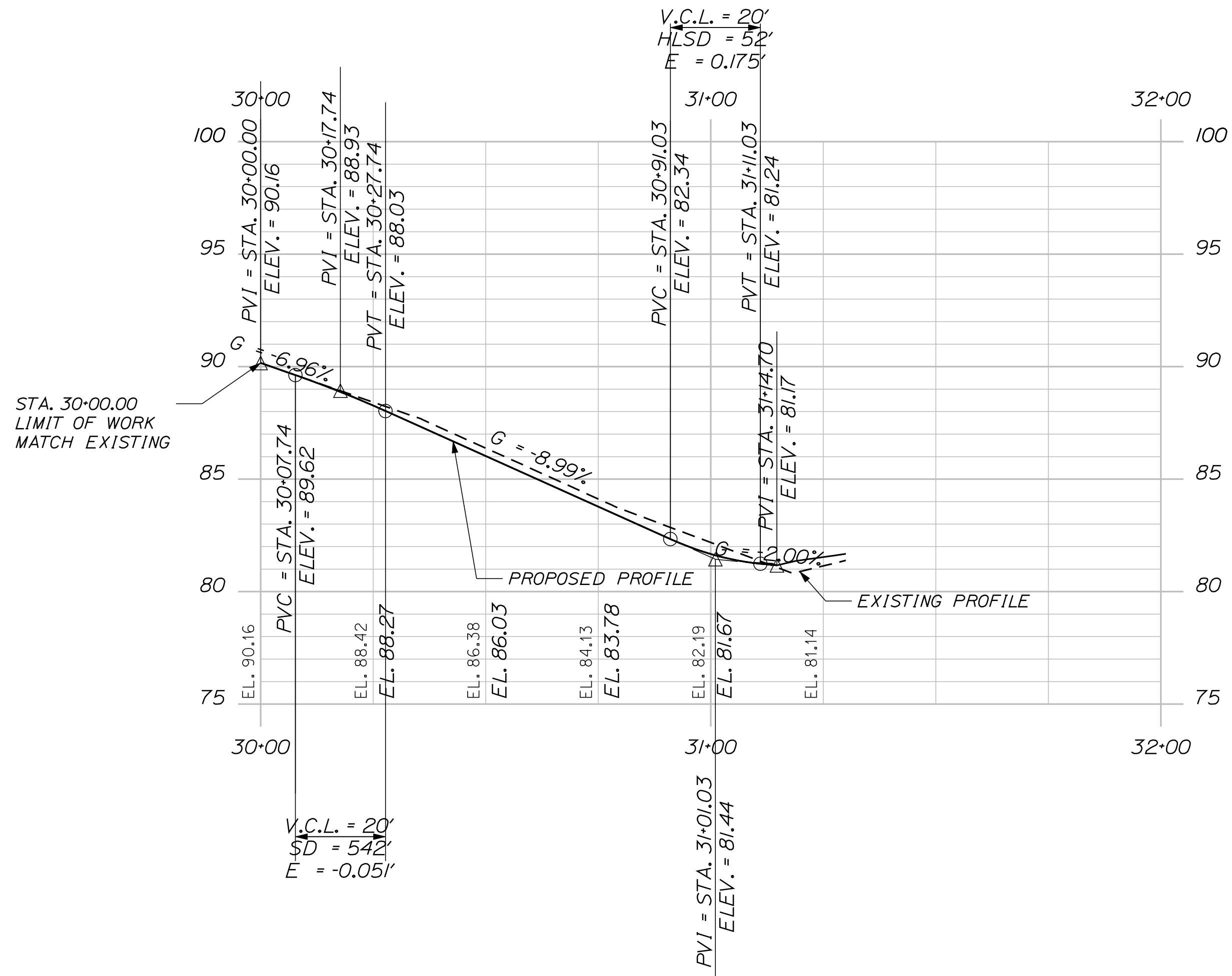
Username: sarah.k.leblanc

Division: HIGHWAY

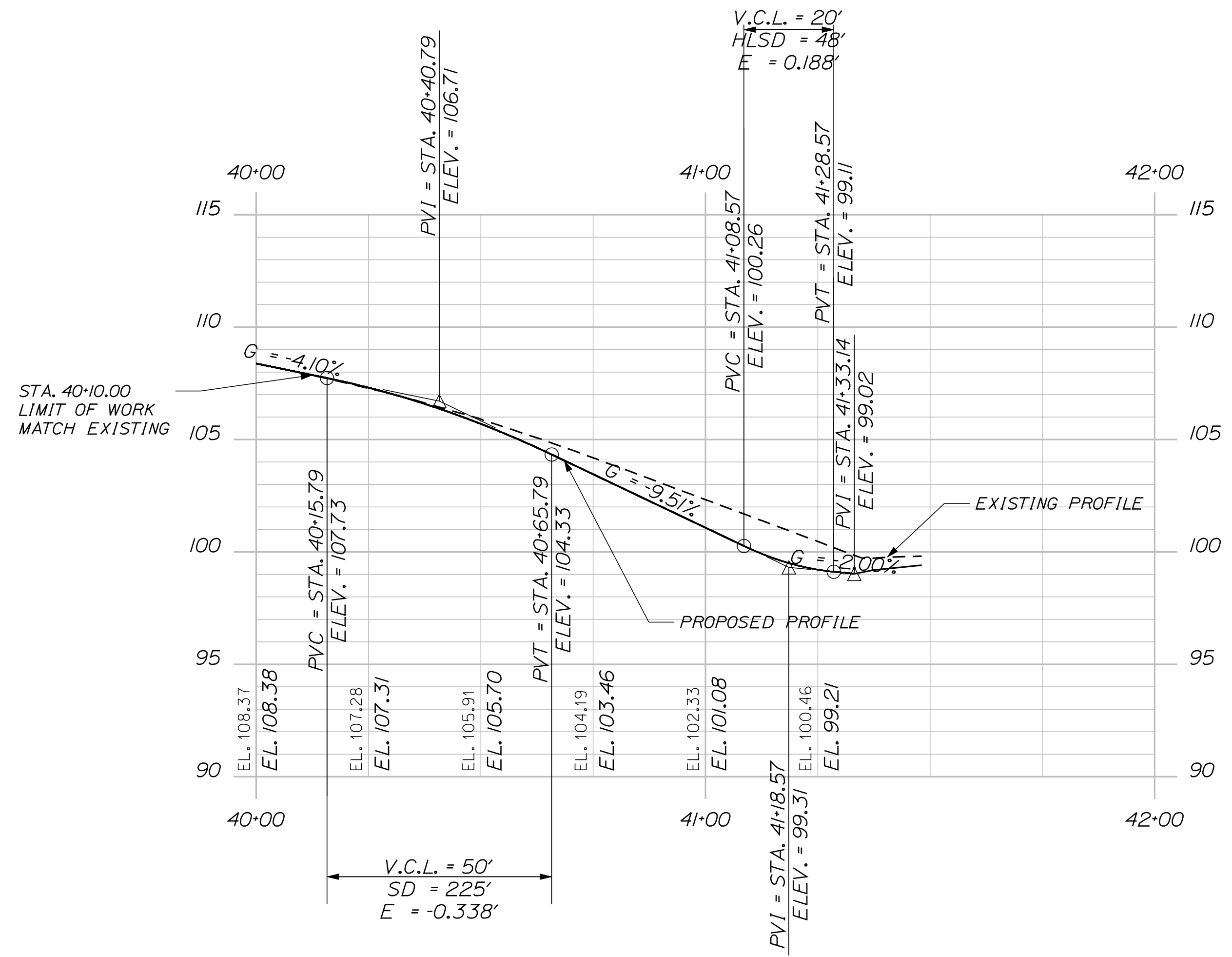
Filename: ... \HIGHWAY\MSTA016\_HDPLAN3.DGN



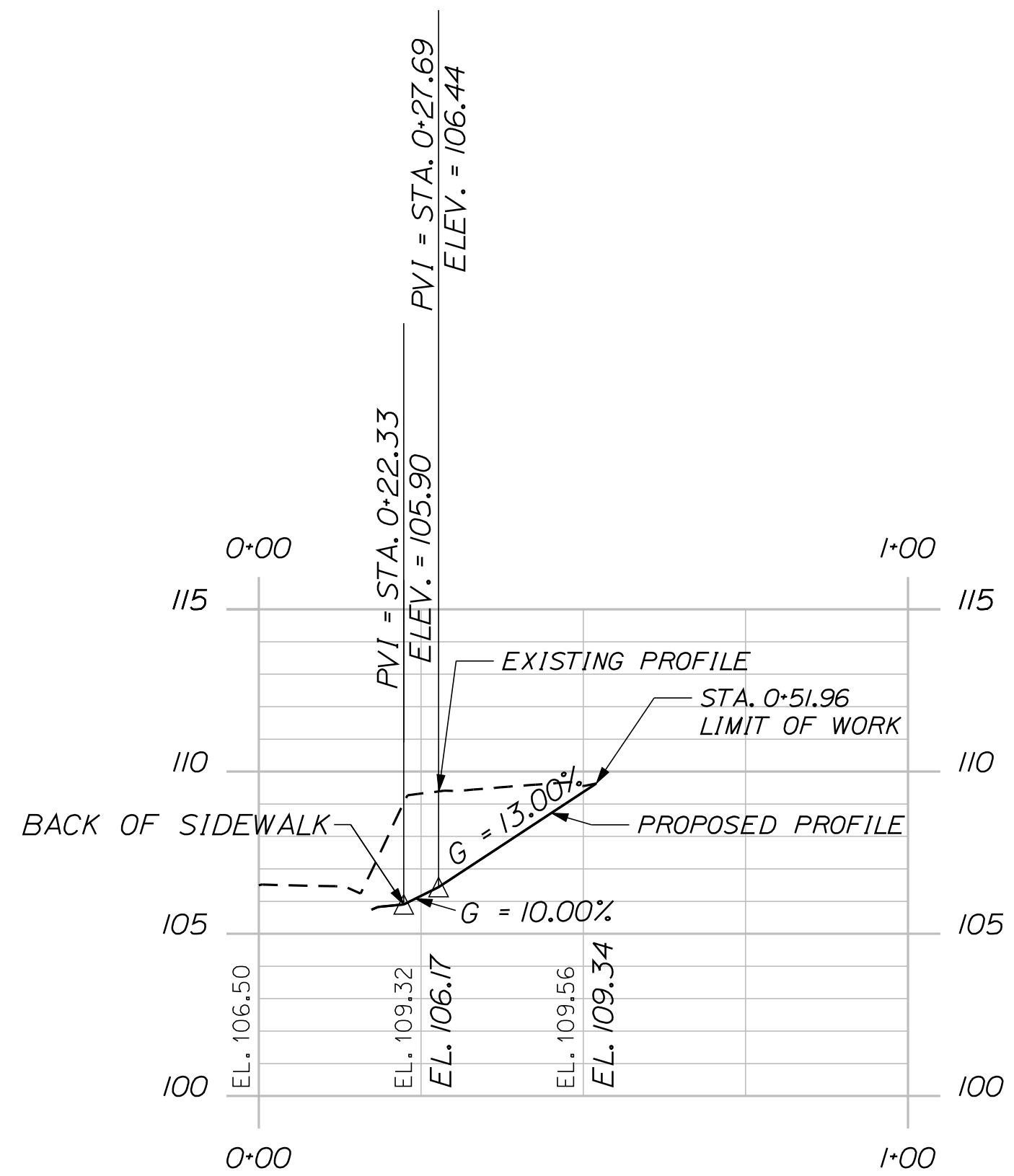
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1785(200)X	
SIGNATURE		P.E. NUMBER	
DATE		DATE	
BY		DATE	
PROJ. MANAGER		DATE	
DESIGN-DETAILED		DATE	
CHECKED-REVIEWED		DATE	
DESIGN-DETAILED		DATE	
REVISIONS 1		DATE	
REVISIONS 2		DATE	
REVISIONS 3		DATE	
REVISIONS 4		DATE	
FIELD CHANGES		DATE	
SHEET NUMBER		HIGHWAY PLANS	
16		PIN 17852.00	
OF 53			



PROFILE TIBBETTS STREET



PROFILE HIGH STREET

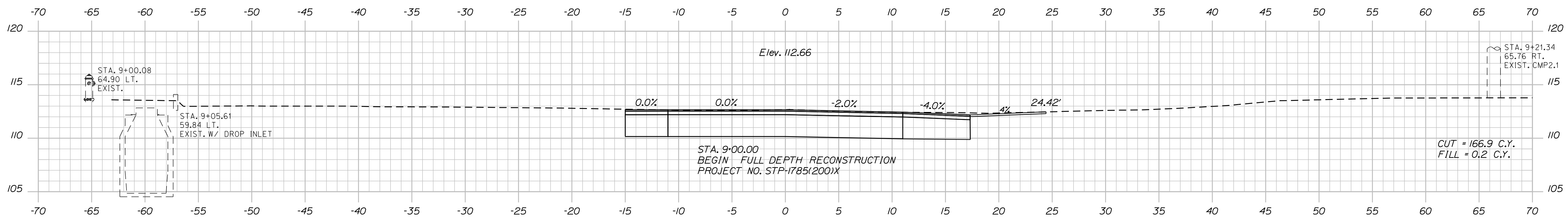
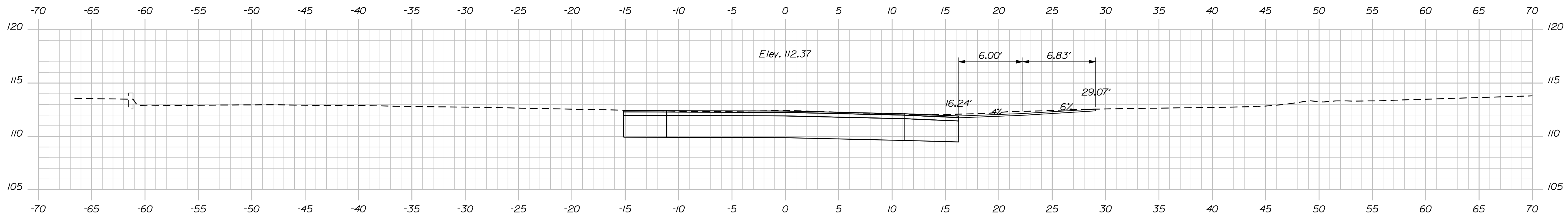
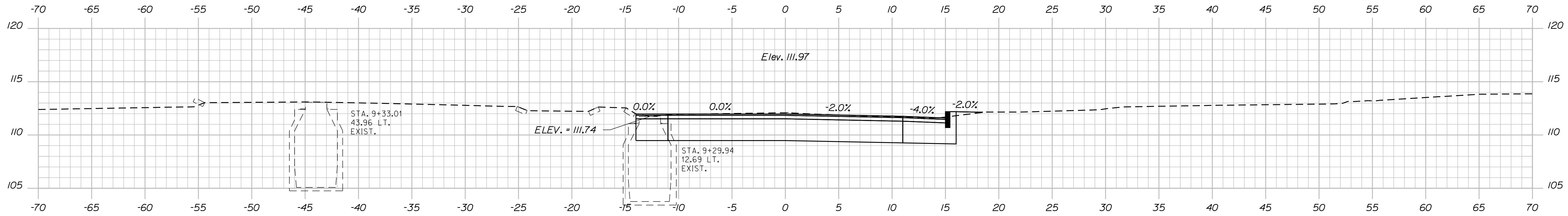
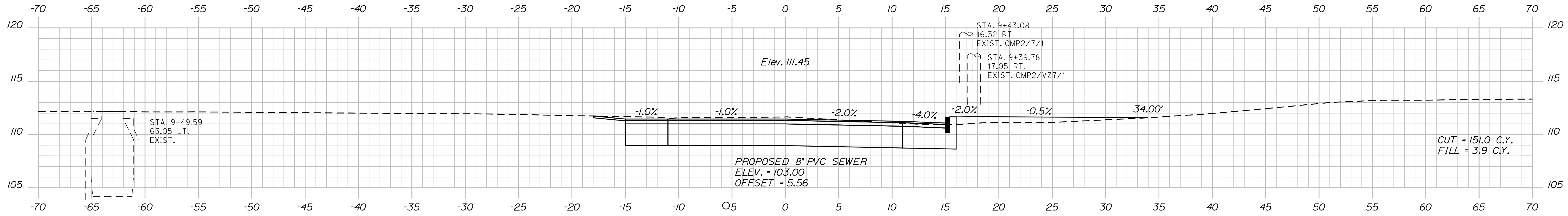


PROFILE DRIVE 11+07 LT

PROJ. MANAGER	BY	DATE
E. MARTIN	S. LEBLANC	
CHECKED-REVIEWED		
DESIGN-REVIEWED		
DESIGN-DETAILED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE





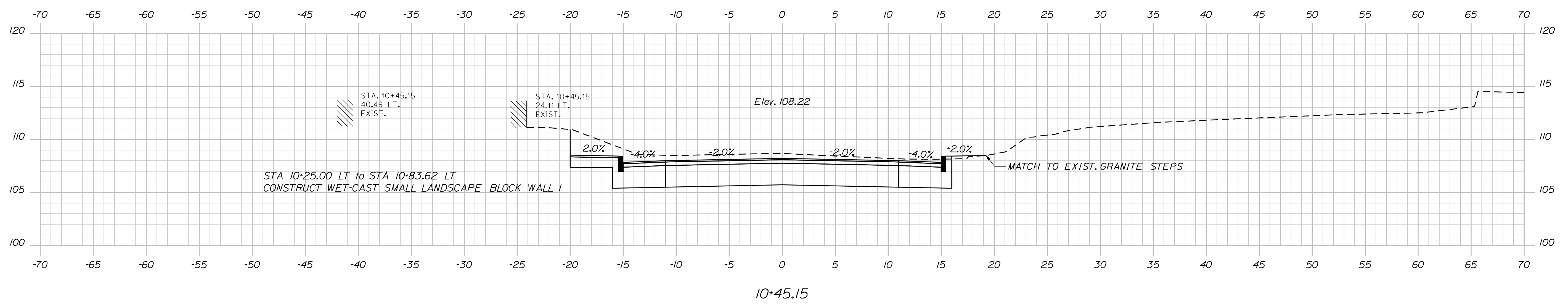
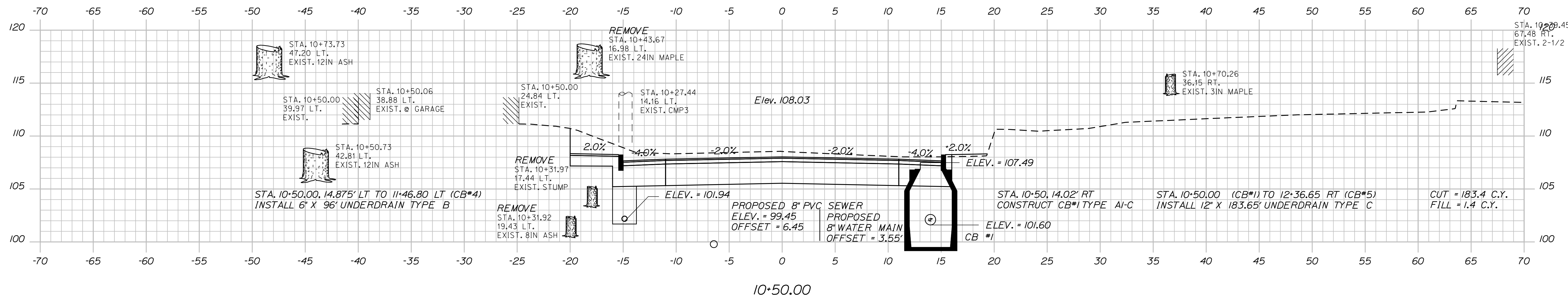
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1785(200)X		WIN PIN 17852.00 HIGHWAY PLANS	
PROJ. MANAGER	BY	DATE	SIGNATURE
CHECKED-REVIEWED	DESIGNER	DATE	P.E. NUMBER
DESIGNS DET. TAILED	DESIGNER	DATE	DATE
DESIGNS DET. TAILED	DESIGNER	DATE	DATE
REVISIONS 1	DESIGNER	DATE	DATE
REVISIONS 2	DESIGNER	DATE	DATE
REVISIONS 3	DESIGNER	DATE	DATE
REVISIONS 4	DESIGNER	DATE	DATE
FIELD CHANGES	DESIGNER	DATE	DATE
SO. BERWICK ROAD		CROSS SECTIONS	
ROUTE 236 (BERWICK ROAD)		SHEET NUMBER	
19		OF 53	

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA020\_xsect\_10+00\_003.dgn



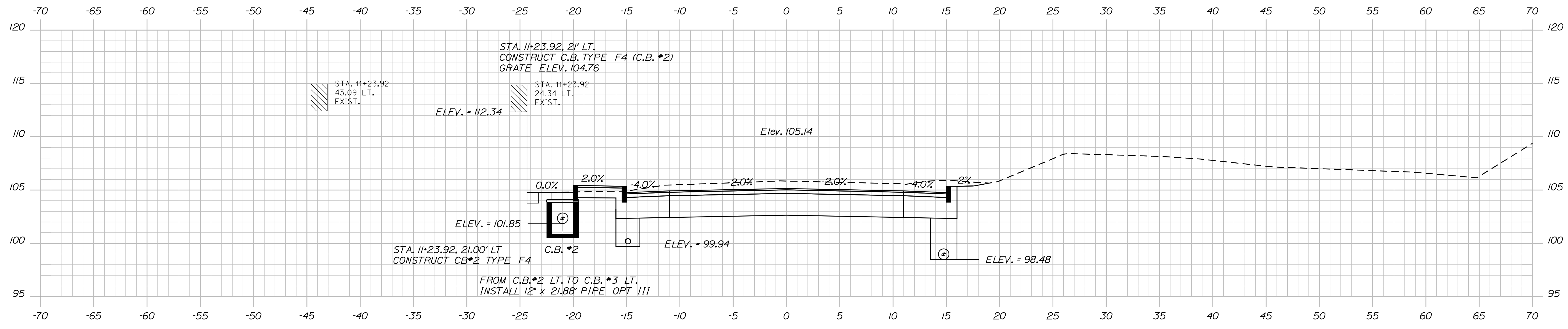
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1785(200)X		WIN	
PIN 17852.00		HIGHWAY PLANS	
SIGNATURE		P.E. NUMBER	
DATE		DATE	
PROJ. MANAGER	DESIGNER	CHECKED	DATE
DESIGNED	DESIGNED	DESIGNED	DESIGNED
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES
SO. BERWICK ROAD			
ROUTE 236 (BERWICK ROAD)			
CROSS SECTIONS			
SHEET NUMBER			
20			
OF 53			

Date: 10/4/2012

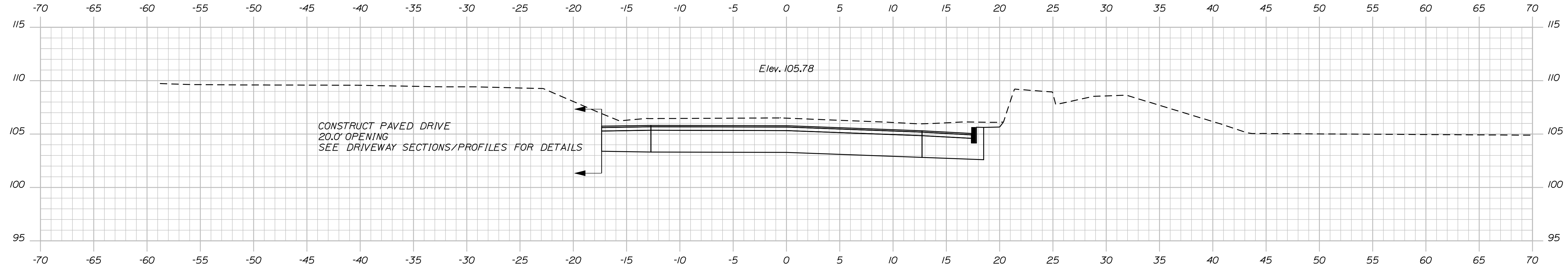
Username: sarah.k.leblanc

Division: HIGHWAY

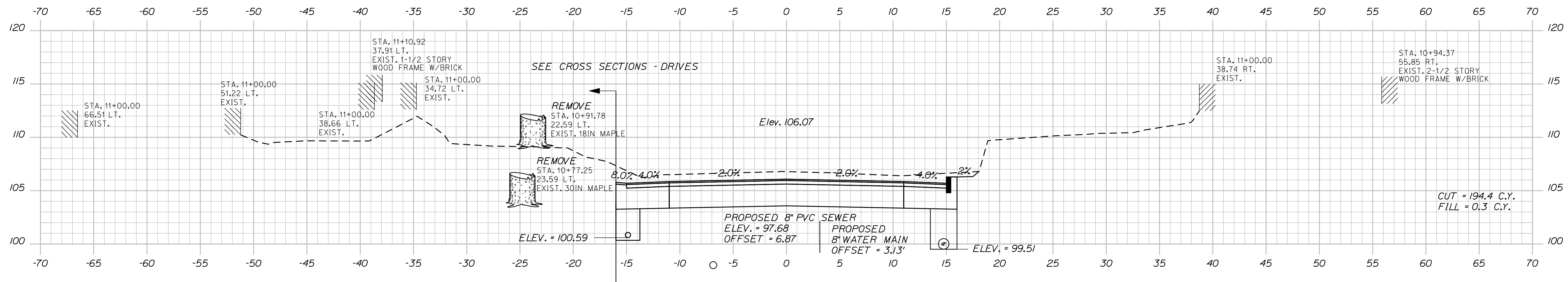
Filename: ... \MSTA021\_Xsect\_11+00\_004.dgn



11+23.92



11+07.43 (329°51'19" SKEW)



11+00.00

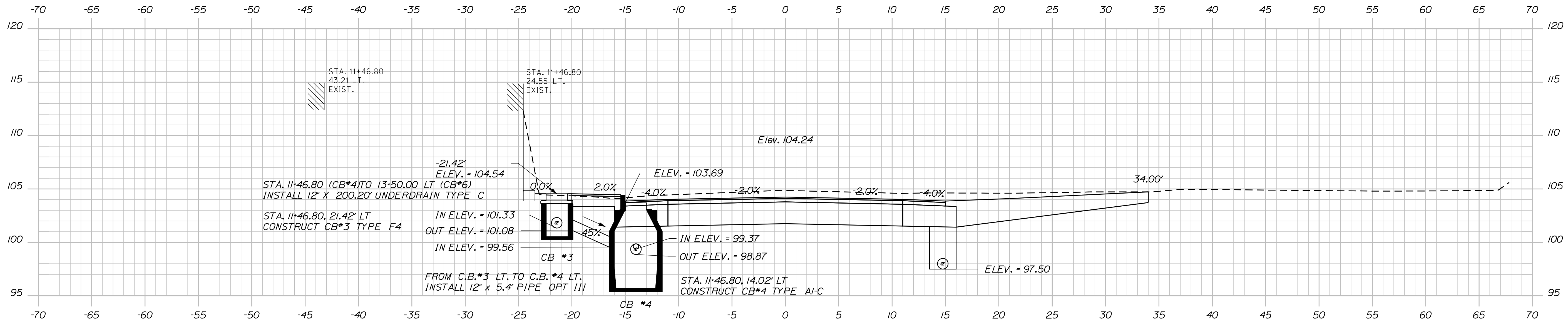
PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	DESIGNER	DATE
CHECKED-REVIEWED	CHECKER	DATE
DESIGN DETAILING	DESIGNER	DATE
DESIGN DETAILING	DESIGNER	DATE
REVISIONS 1	DESIGNER	DATE
REVISIONS 2	DESIGNER	DATE
REVISIONS 3	DESIGNER	DATE
REVISIONS 4	DESIGNER	DATE
FIELD CHANGES	DESIGNER	DATE

Date: 10/4/2012

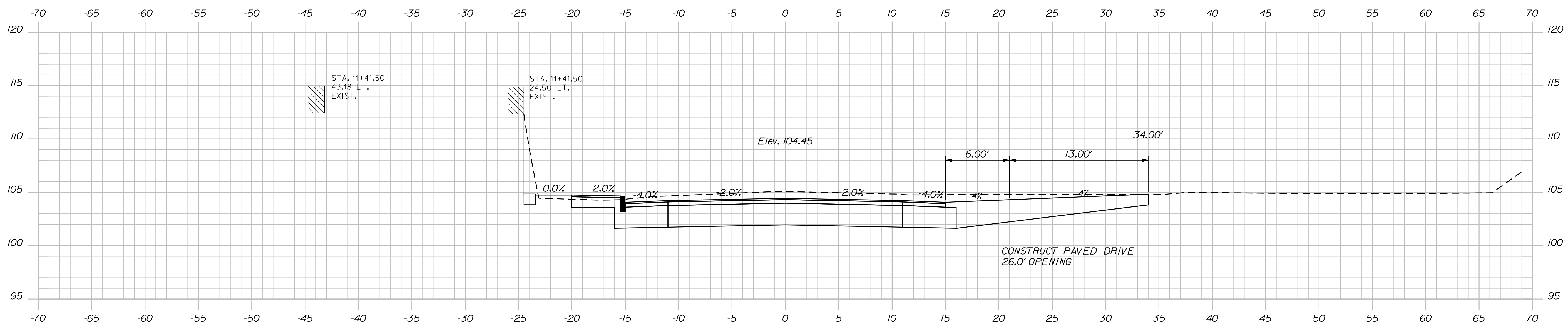
Username: sarah.k.leblanc

Division: HIGHWAY

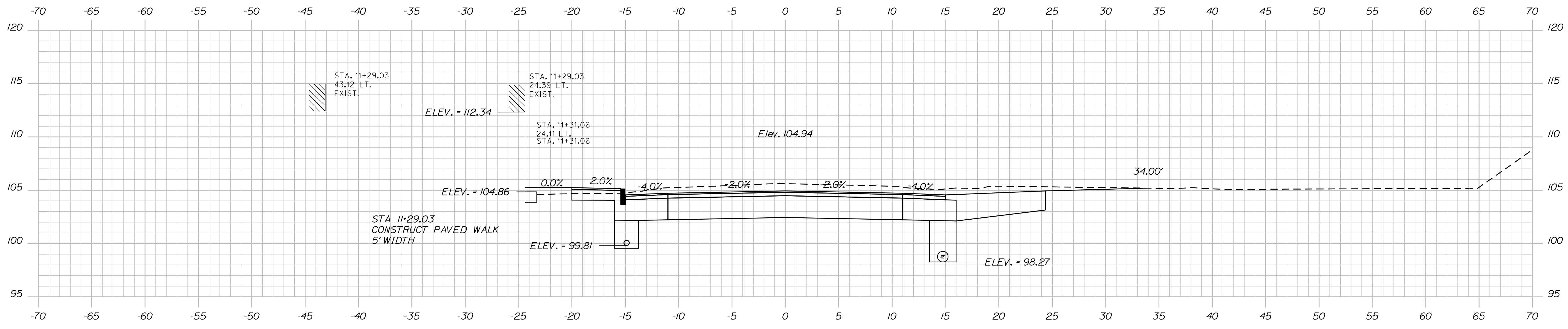
Filename: ... \MSTA\022\_xsect\_11-29\_005.dgn



11+46.80



11+41.50



11+29.03

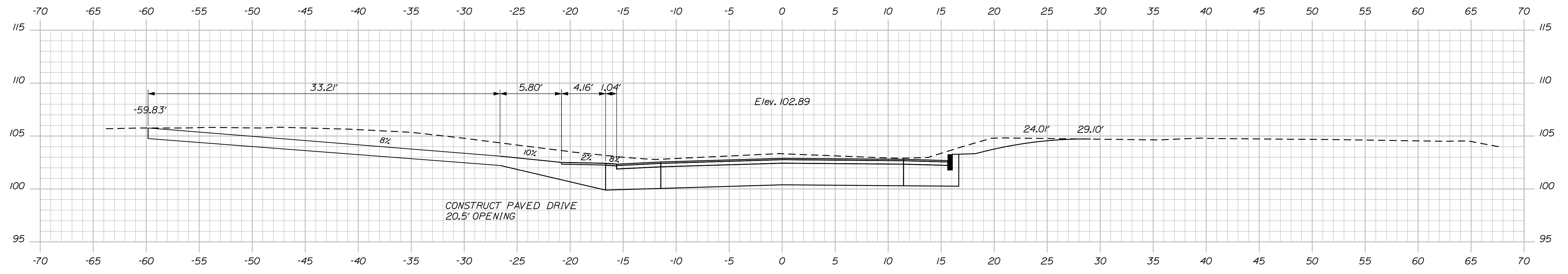
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		STP-1785(200)X		WIN		HIGHWAY PLANS	
PROJECT NUMBER		PROJECT TITLE		PROJECT LOCATION		PROJECT DATE		PROJECT SCALE	
DESIGNER	CHECKED	DESIGNED	APPROVED	SIGNATURE	P.E. NUMBER	DATE			
PROJ. MANAGER	BY	DATE							
DESIGN DETAIL	DESIGNER	DATE							
CHECKED	DESIGNER	DATE							
DESIGN DETAIL	DESIGNER	DATE							
DESIGN DETAIL	DESIGNER	DATE							
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4						
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4						
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4						
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4						
FIELD CHANGES									
SO. BERWICK ROAD									
ROUTE 236 (BERWICK ROAD)									
CROSS SECTIONS									
SHEET NUMBER									
22									
OF 53									

Date: 10/4/2012

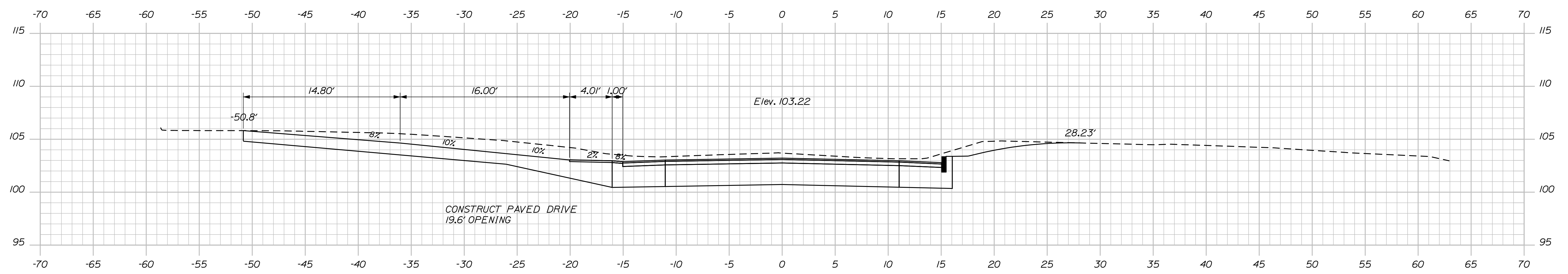
Username: sarah.k.leblanc

Division: HIGHWAY

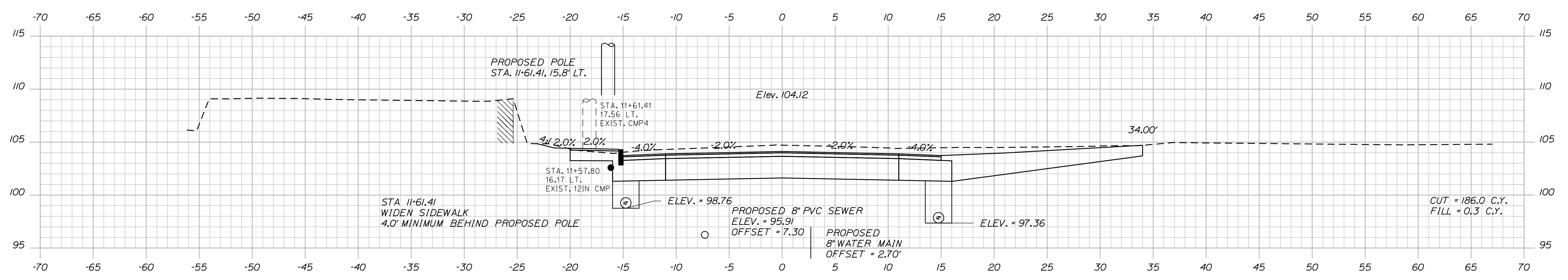
Filename: ... \MSTA023\_Xsect\_11+50\_006.dgn



11+81.37 (16°09'28" SKEW)



11+72.87 (355°34'19" SKEW)



11+50.00

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
PIN 17852.00  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN DETAILER	DESIGNER	DATE
CHECKED-REVIEWED	DESIGNER	DATE
DESIGN DETAILER	DESIGNER	DATE
DESIGN DETAILER	DESIGNER	DATE
REVISIONS 1	DESIGNER	DATE
REVISIONS 2	DESIGNER	DATE
REVISIONS 3	DESIGNER	DATE
REVISIONS 4	DESIGNER	DATE
FIELD CHANGES	DESIGNER	DATE

SIGNATURE	P.E. NUMBER	DATE

SO. BERWICK ROAD  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

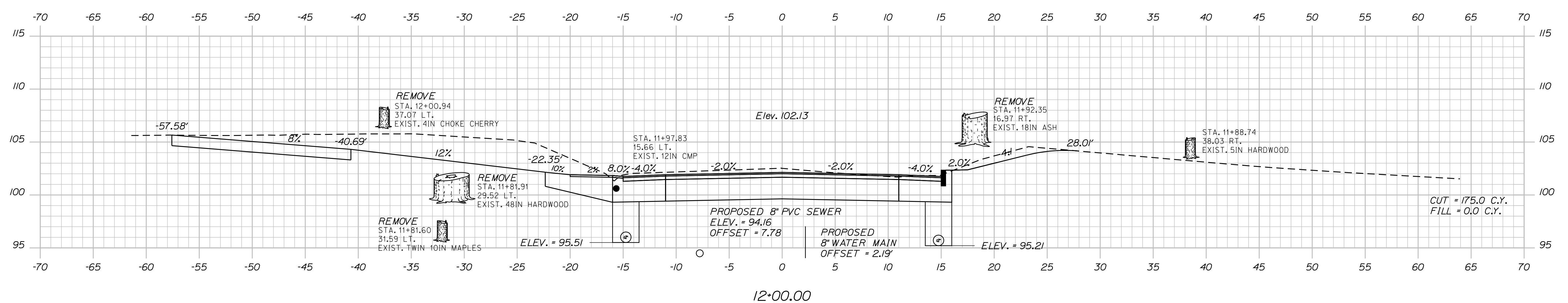
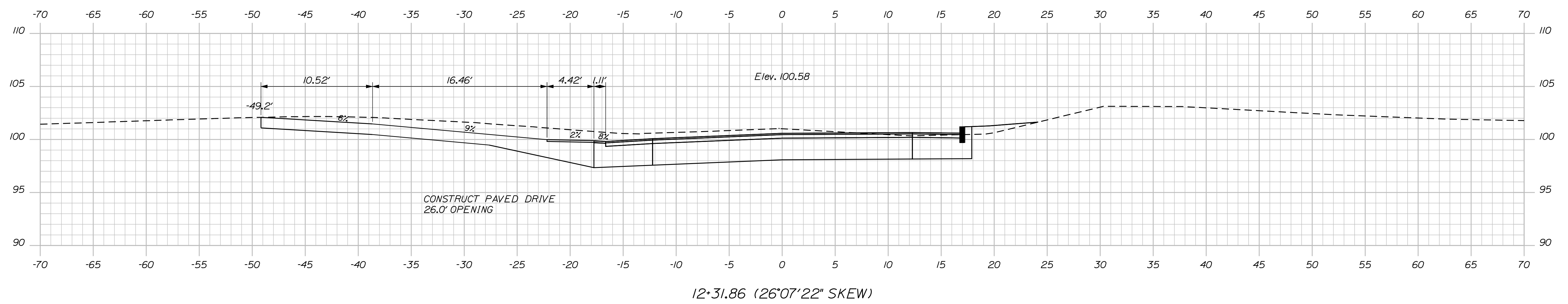
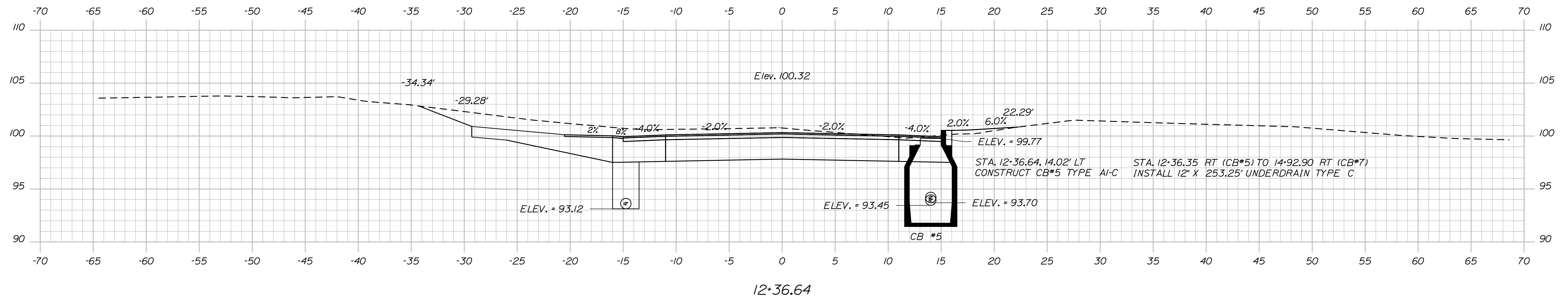
SHEET NUMBER  
**23**  
OF 53

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA024\_xsect\_12+00\_007.dgn



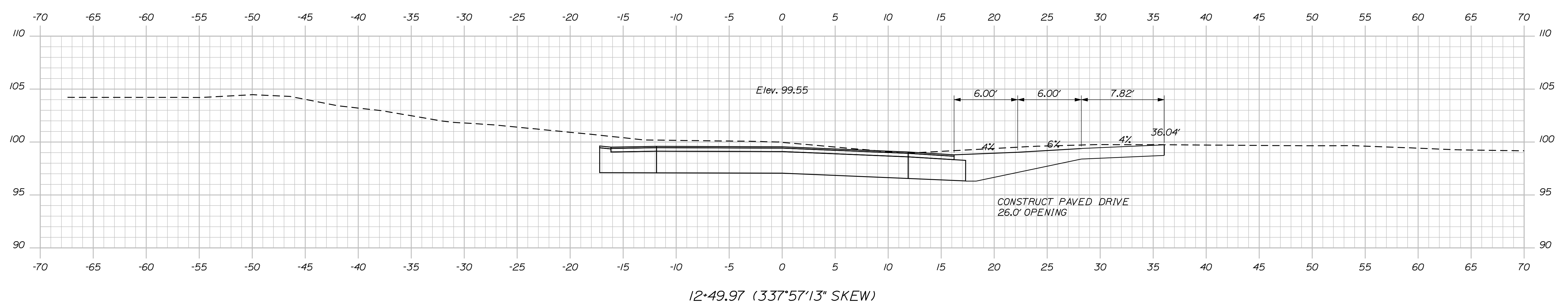
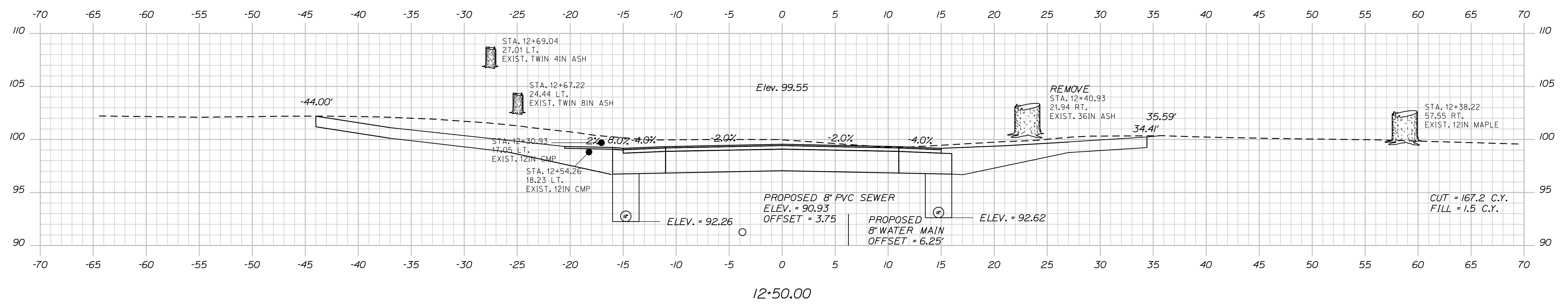
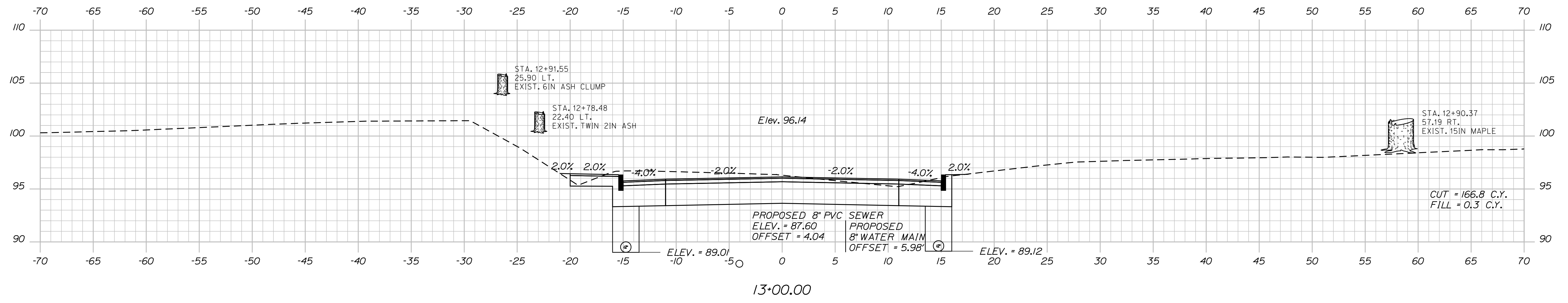
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1785(200)X		WIN	
PIN 17852.00		HIGHWAY PLANS	
PROJ. MANAGER	BY	DATE	SIGNATURE
CHECKED-REVIEWED	DESIGNER	DATE	
DESIGN DET AILED	DESIGNER	DATE	
DESIGN DET AILED	DESIGNER	DATE	
REVISIONS 1	---	---	---
REVISIONS 2	---	---	---
REVISIONS 3	---	---	---
REVISIONS 4	---	---	---
FIELD CHANGES	---	---	---
SO. BERWICK ROAD		CROSS SECTIONS	
ROUTE 236 (BERWICK ROAD)			
SHEET NUMBER		24	
		OF 53	

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA025\_xsect\_12+49\_008.dgn



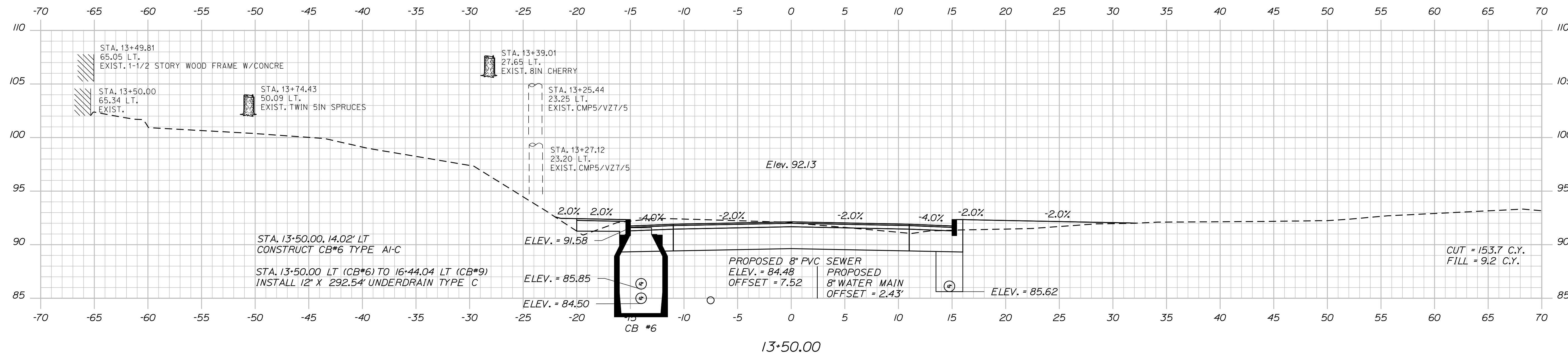
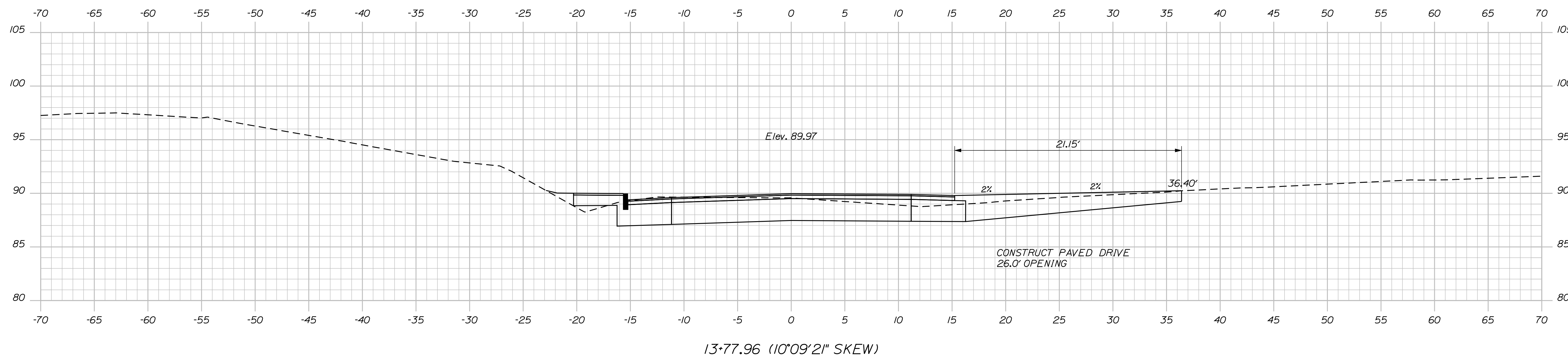
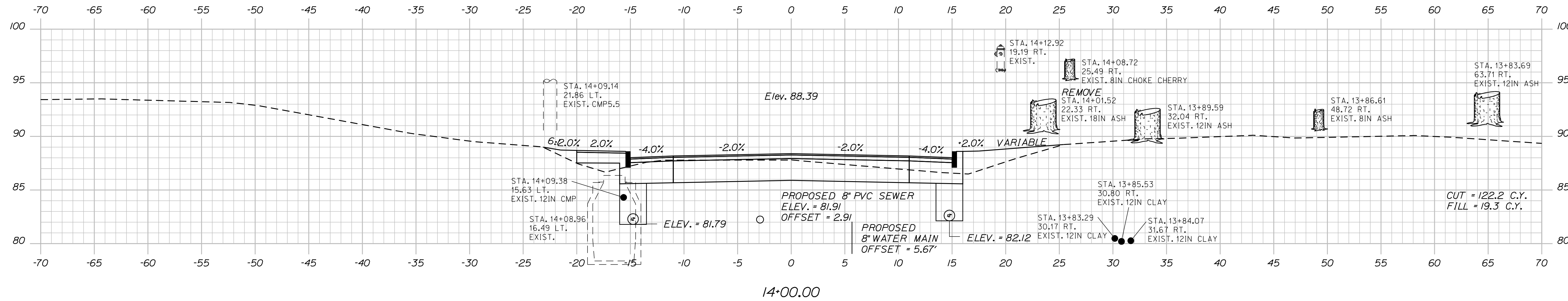
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
PIN 17852.00  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN DETAILED	DESIGNER	DATE
CHECKED/REVIEWED	CHECKER	DATE
DESIGN DETAILED	DESIGNER	DATE
DESIGN DETAILED	DESIGNER	DATE
REVISIONS 1	REVISION	DATE
REVISIONS 2	REVISION	DATE
REVISIONS 3	REVISION	DATE
REVISIONS 4	REVISION	DATE
FIELD CHANGES	FIELD	DATE

SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

SHEET NUMBER  
**25**  
OF 53

Filename: ... \MSTA026\_xsect\_13+50\_009.dgn Division: HIGHWAY Username: sarah.k.leblanc Date: 10/4/2012



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		STP-1785(200)X		WIN		PIN 17852.00		HIGHWAY PLANS	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2	
BY		DATE		SIGNATURE		P.E. NUMBER		DATE		FIELD CHANGES	
PROJ. MANAGER		DESIGNER		CHECKER		DATE		BY		DATE	
SHEET NUMBER		26		OF 53		DATE		DATE		DATE	

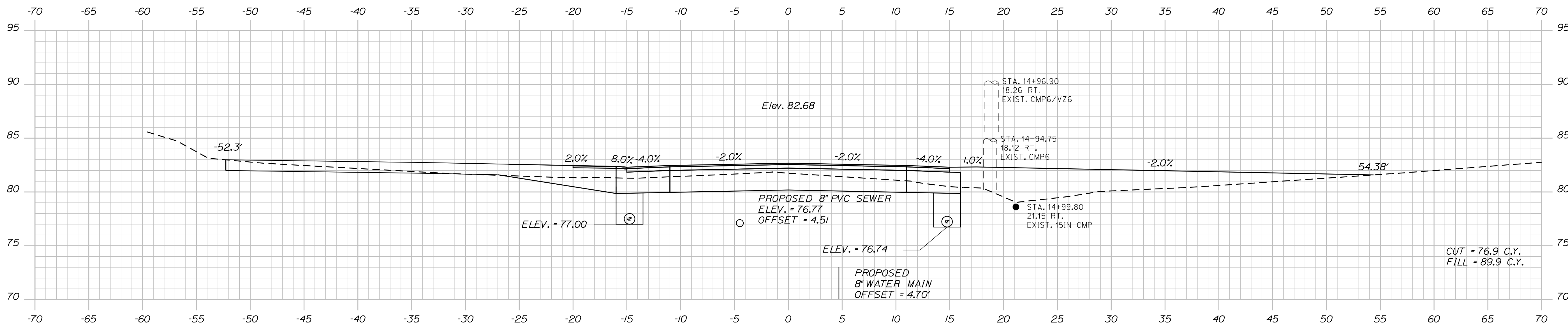
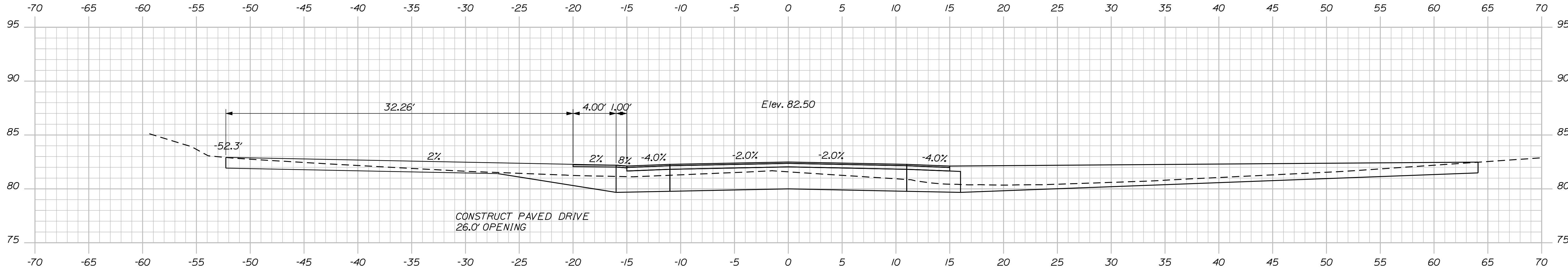
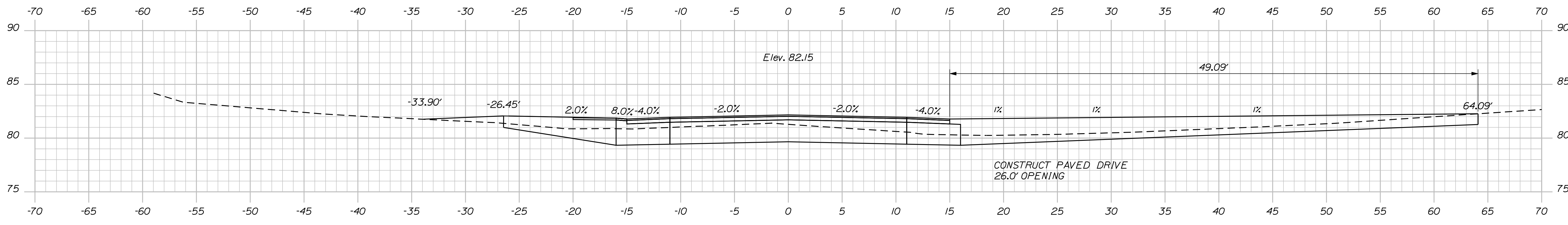


Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA\028\_xsect\_15+00\_011.dgn



STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 STP-1785(200)X  
 WIN  
 PIN 17852.00  
 HIGHWAY PLANS

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

SO. BERWICK  
 ROUTE 236 (BERWICK ROAD)  
 CROSS SECTIONS

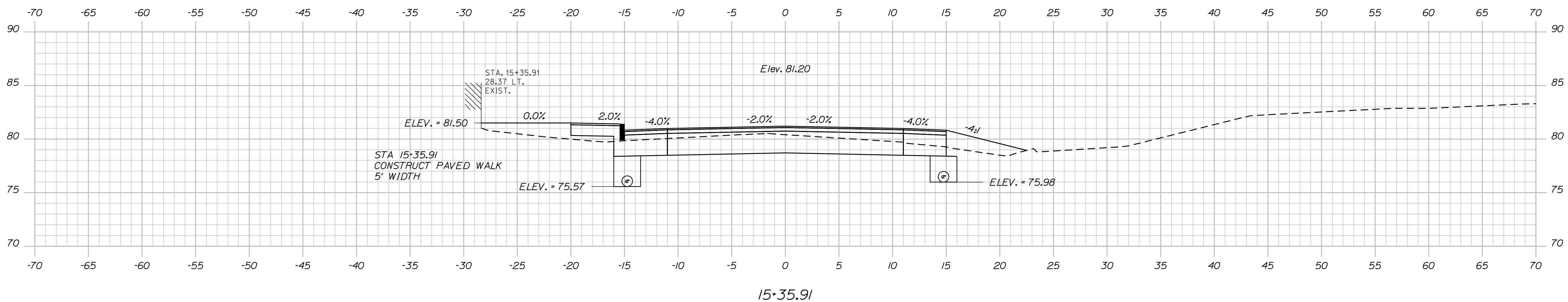
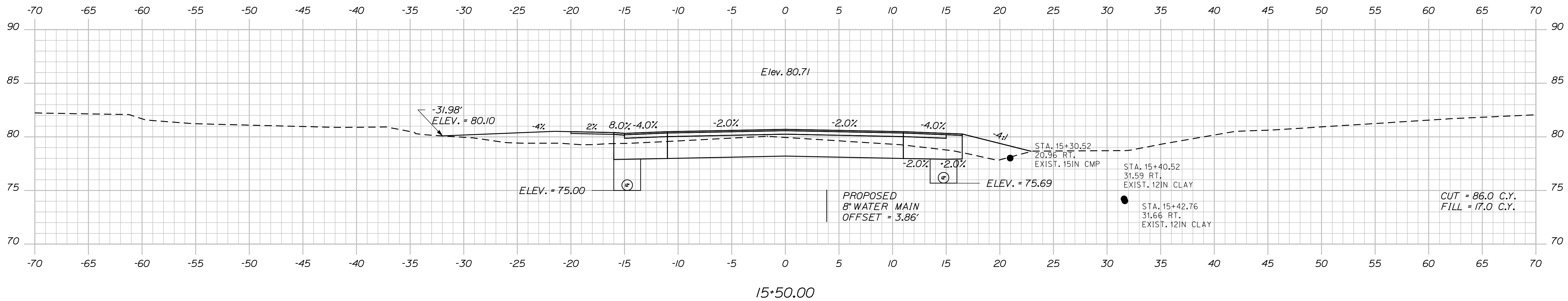
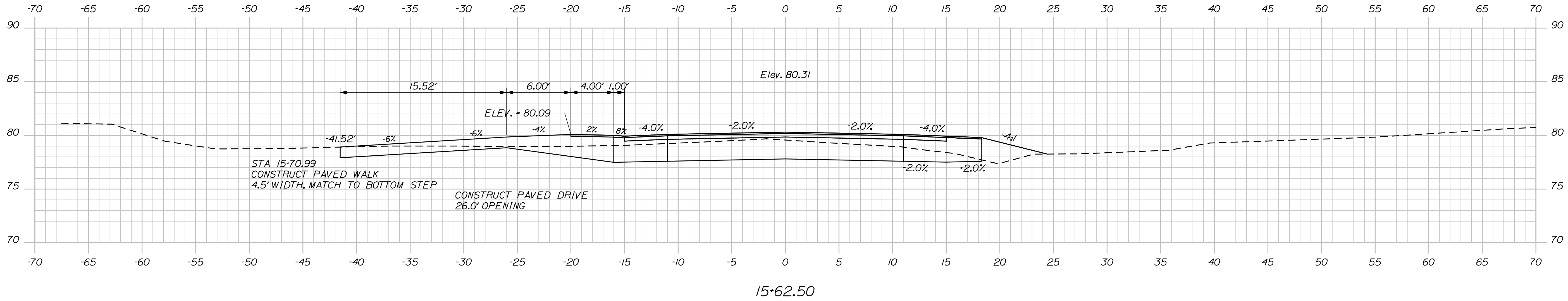
SHEET NUMBER  
 28  
 OF 53

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA029\_xsect\_15+35\_012.dgn



PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	DESIGNER	DATE
CHECKED-REVIEWED	CHECKER	DATE
DESIGN-DETAILED	DESIGNER	DATE
DESIGN-DETAILED	DESIGNER	DATE
REVISIONS 1	DATE	
REVISIONS 2	DATE	
REVISIONS 3	DATE	
REVISIONS 4	DATE	
FIELD CHANGES	DATE	

SO. BERWICK ROAD  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

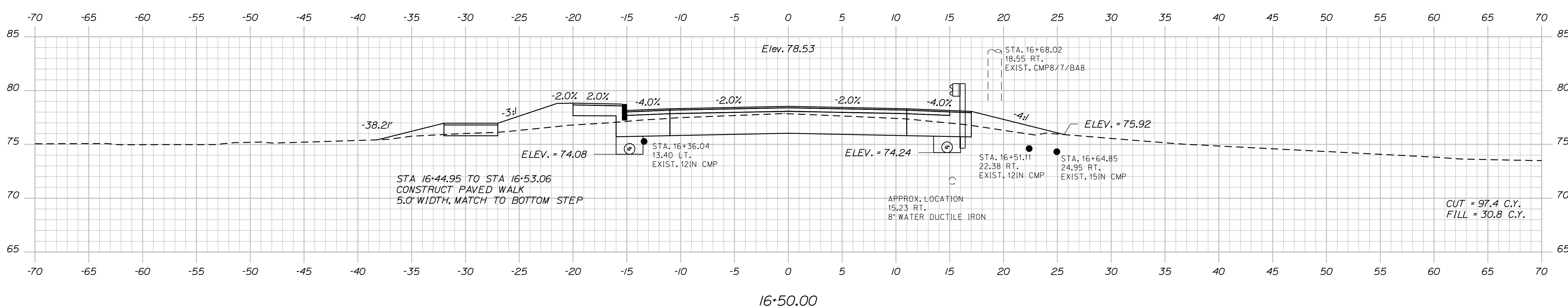
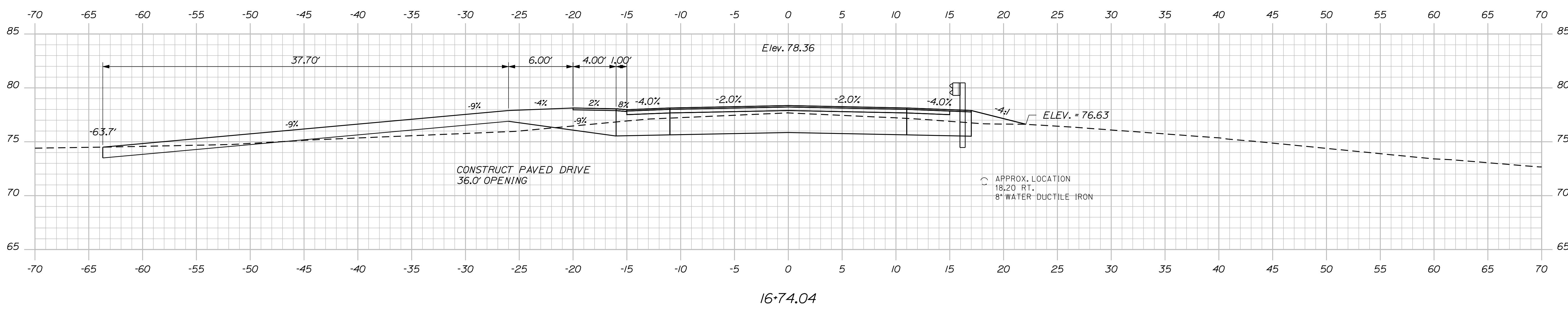
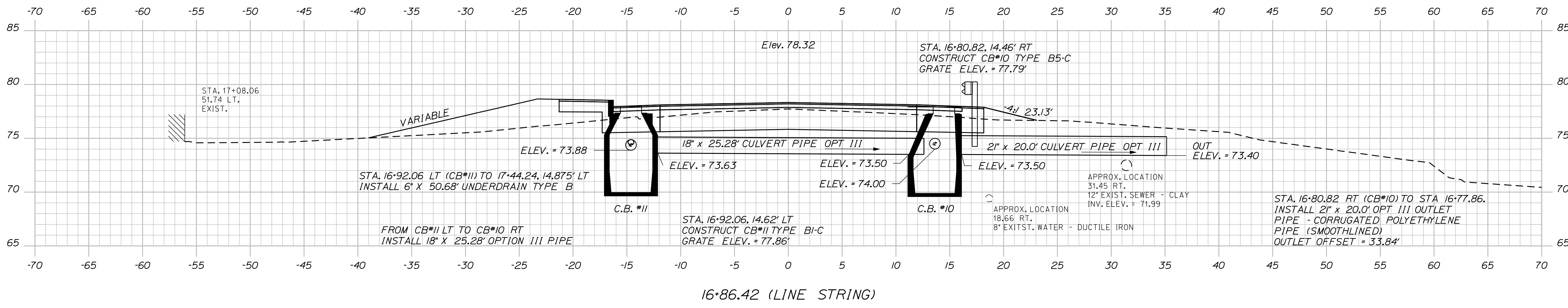


Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA031\_Xsect\_16+50\_014.dgn



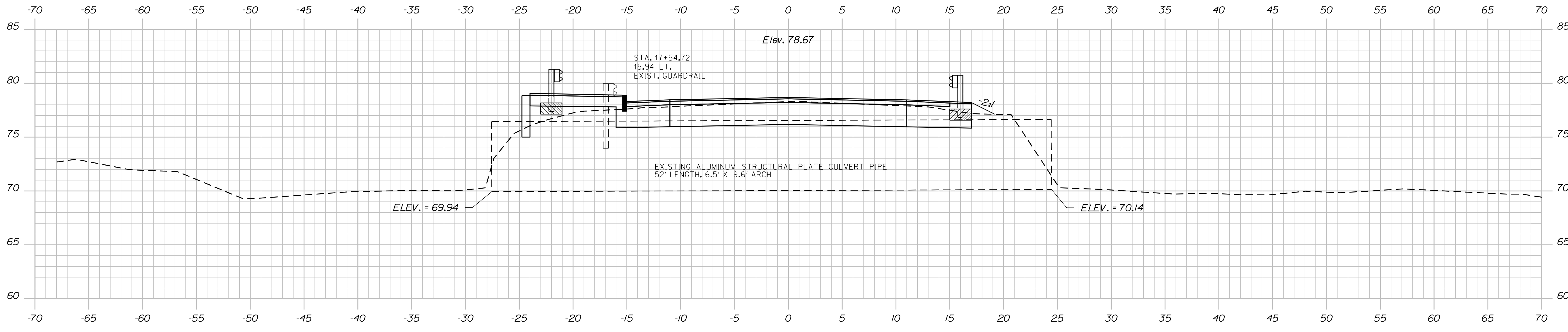
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1785(200)X		WIN	
PIN 17852.00		HIGHWAY PLANS	
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN DETAIL	DESIGNER	DATE	DATE
CHECKED	CHECKER	DATE	DATE
DESIGN DETAIL	DESIGNER	DATE	DATE
DESIGN DETAIL	DESIGNER	DATE	DATE
REVISIONS 1	---	---	---
REVISIONS 2	---	---	---
REVISIONS 3	---	---	---
REVISIONS 4	---	---	---
FIELD CHANGES	---	---	---
SO. BERWICK ROAD		CROSS SECTIONS	
ROUTE 236 (BERWICK ROAD)		SHEET NUMBER	
31		OF 53	

Date: 10/4/2012

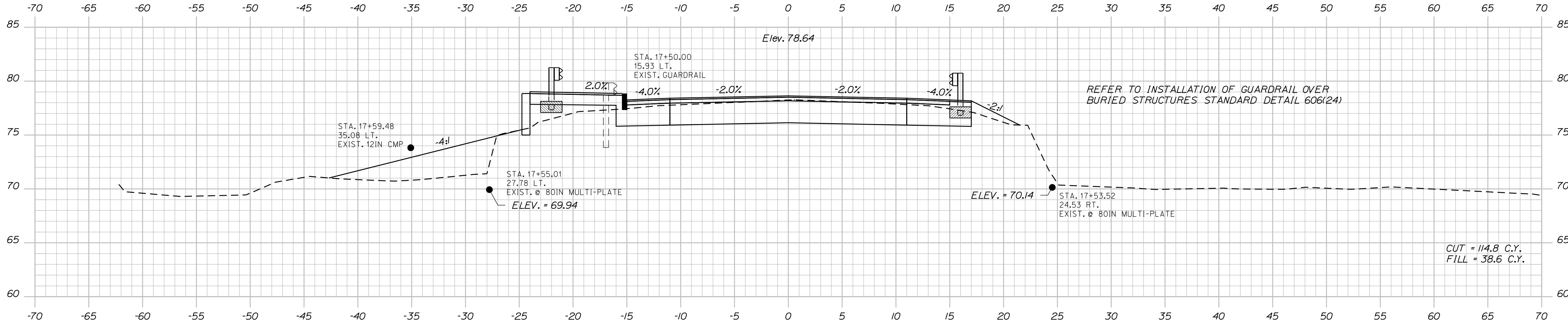
Username: sarah.k.leblanc

Division: HIGHWAY

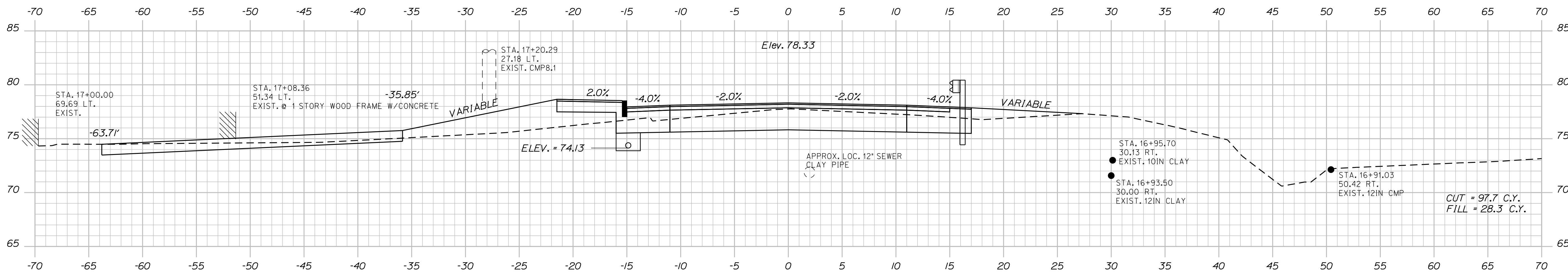
Filename: ... \MSTA032\_xsect\_17+00\_015.dgn



17+54.27 (1°37'51" SKEW)



17+50.00



17+00.00

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 STP-1785(200)X  
 WIN  
 PIN 17852.00  
 HIGHWAY PLANS

PROJ. MANAGER	PROJ. MANAGER'S	BY	DATE
DESIGN DETAILED	DESIGNER'S	DATE	DATE
CHECKED-REVIEWED	CHECKER'S	DATE	DATE
DESIGN DETAILED	DESIGNER'S	DATE	DATE
DESIGN DETAILED	DESIGNER'S	DATE	DATE
REVISIONS 1	REVISIONS 1	DATE	DATE
REVISIONS 2	REVISIONS 2	DATE	DATE
REVISIONS 3	REVISIONS 3	DATE	DATE
REVISIONS 4	REVISIONS 4	DATE	DATE
FIELD CHANGES	FIELD CHANGES	DATE	DATE

SO. BERWICK ROAD  
 ROUTE 236 (BERWICK ROAD)  
 CROSS SECTIONS

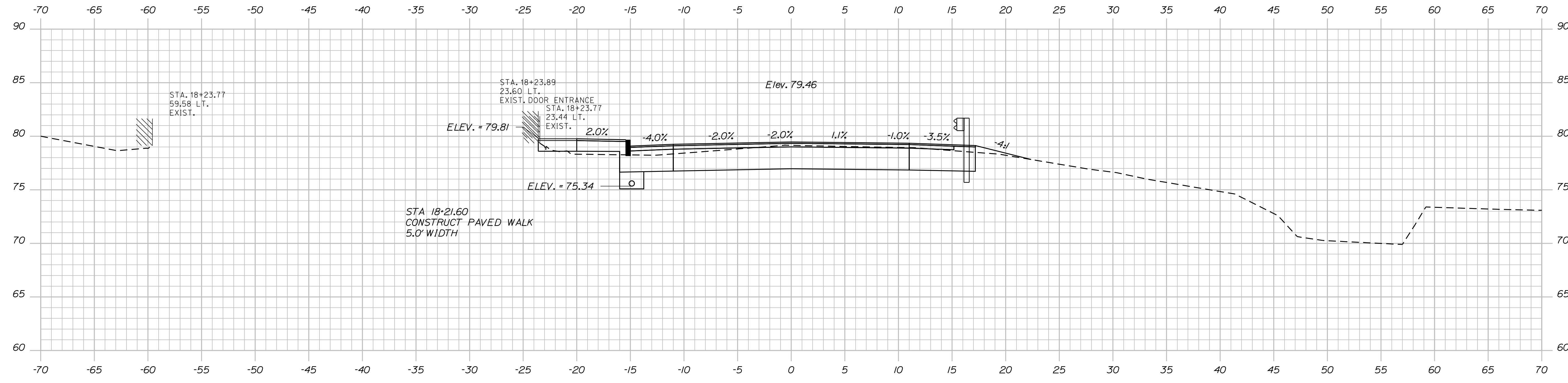
SHEET NUMBER  
 32  
 OF 53

Date: 10/4/2012

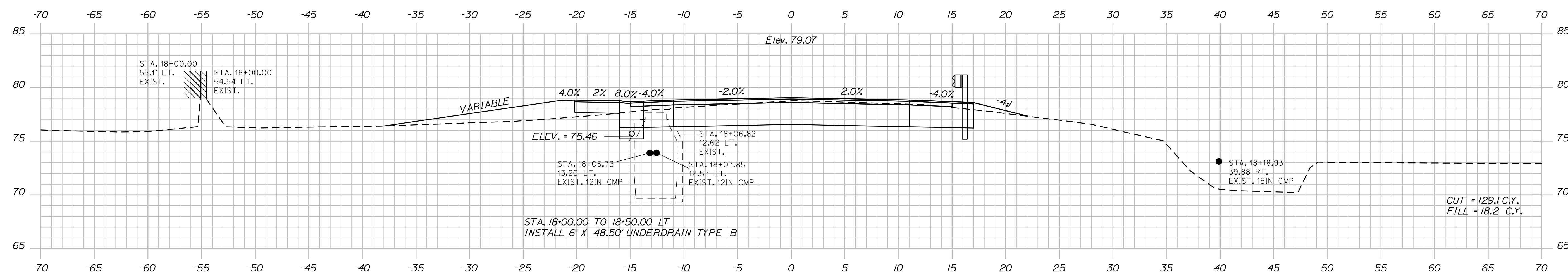
Username: sarah.k.leblanc

Division: HIGHWAY

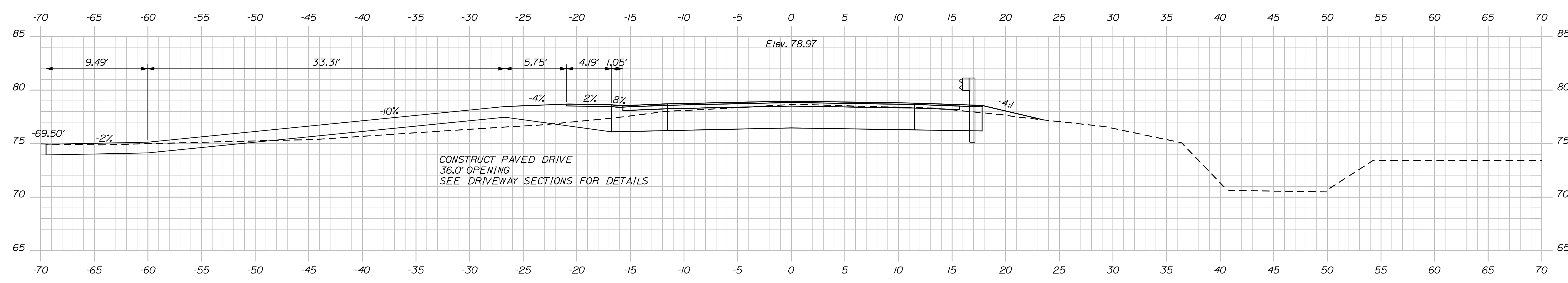
Filename: ... \MSTA033\_Xsect\_17-91\_016.dgn



18+23.77



18+00.00



17+91.42 (342°44'56" SKEW)

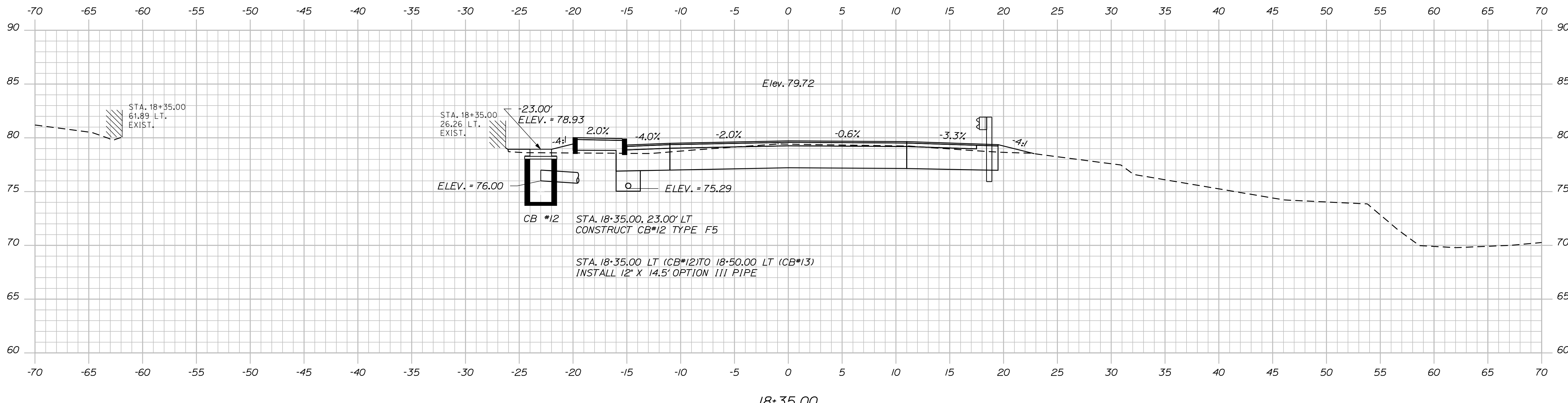
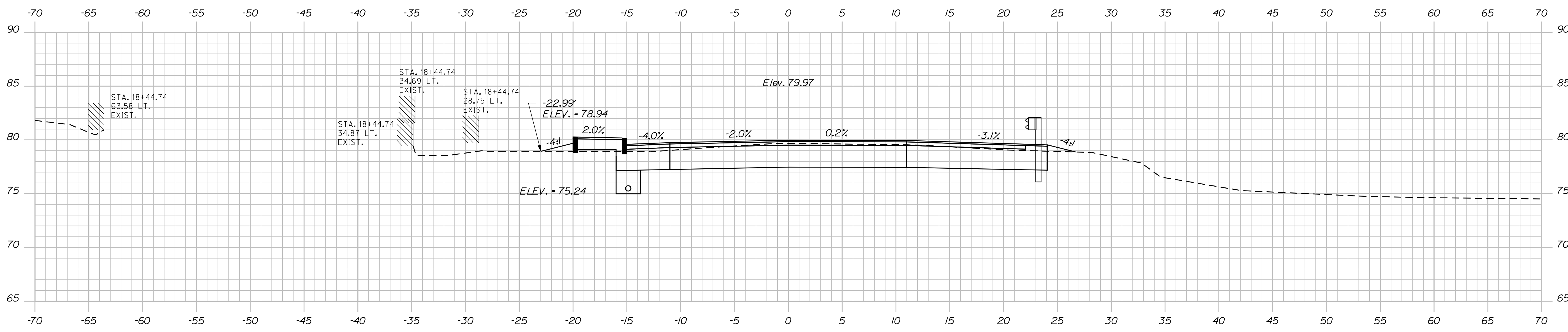
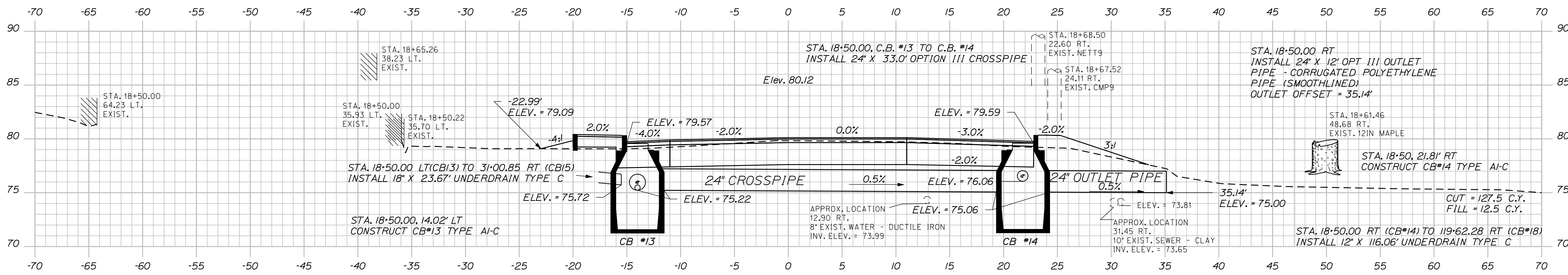
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
PIN 17852.00  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN DETAILED	DESIGNER	DATE
CHECKED/REVIEWED	CHECKER	DATE
DESIGN DETAILED	DESIGNER	DATE
DESIGN DETAILED	DESIGNER	DATE
REVISIONS 1	REVISION	DATE
REVISIONS 2	REVISION	DATE
REVISIONS 3	REVISION	DATE
REVISIONS 4	REVISION	DATE
FIELD CHANGES	FIELD	DATE

SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

SHEET NUMBER  
**33**  
OF 53

Filename: ... \MSTAO34\_xsect\_18-35\_017.dgn  
 Division: HIGHWAY  
 Username: sarah.k.leblanc  
 Date: 10/4/2012



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1785(200)X		WIN	
PIN 17852.00		HIGHWAY PLANS	

PROJ. MANAGER	BY	DATE
CHECKED-REVIEWED	DESIGNER	DATE
DESIGN-DET. AILED	DESIGNER	DATE
DESIGN-DET. AILED	DESIGNER	DATE
REVISIONS 1	REVISION	DATE
REVISIONS 2	REVISION	DATE
REVISIONS 3	REVISION	DATE
REVISIONS 4	REVISION	DATE
FIELD CHANGES	FIELD	DATE

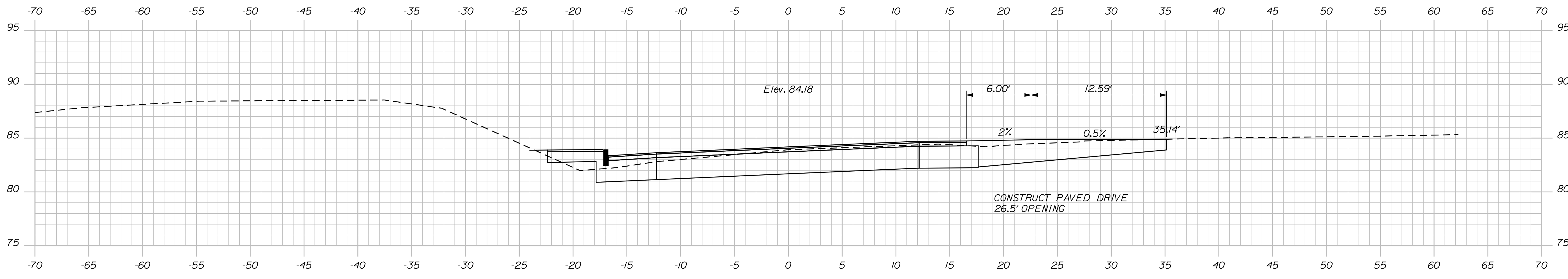
SO. BERWICK ROAD)	ROUTE 236 (BERWICK ROAD)	CROSS SECTIONS	SIGNATURE
			P.E. NUMBER
SHEET NUMBER		DATE	
34			
OF 53			

Date: 10/4/2012

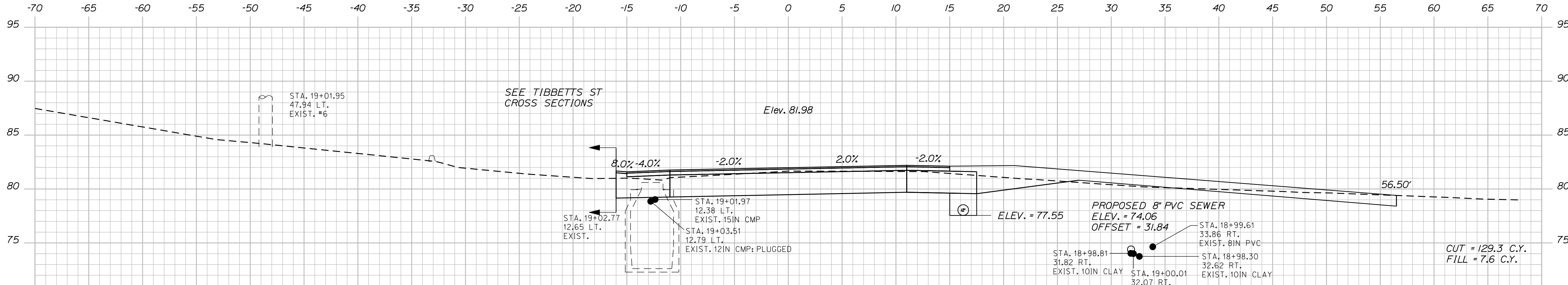
Username: sorch.k.leblanc

Division: HIGHWAY

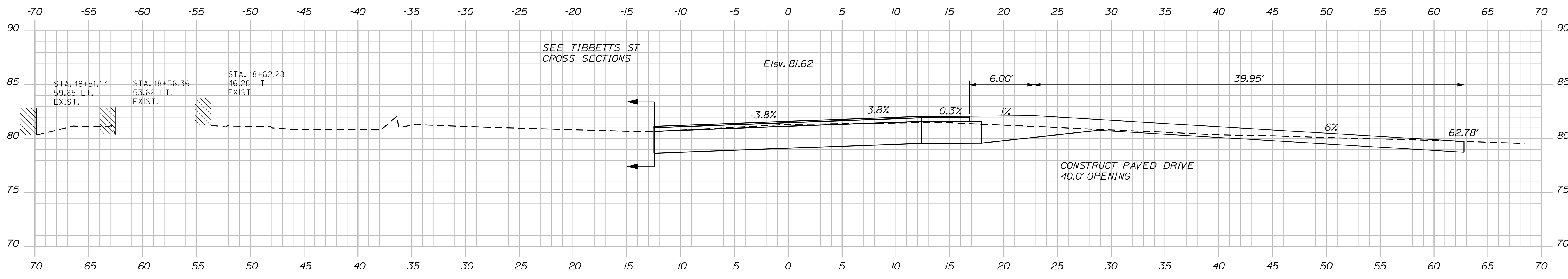
Filename: ... \MSTA035\_Xsect\_18-91\_018.dgn



19+42.14 (334'23"12" SKEW)



19+00.00



18+91.80

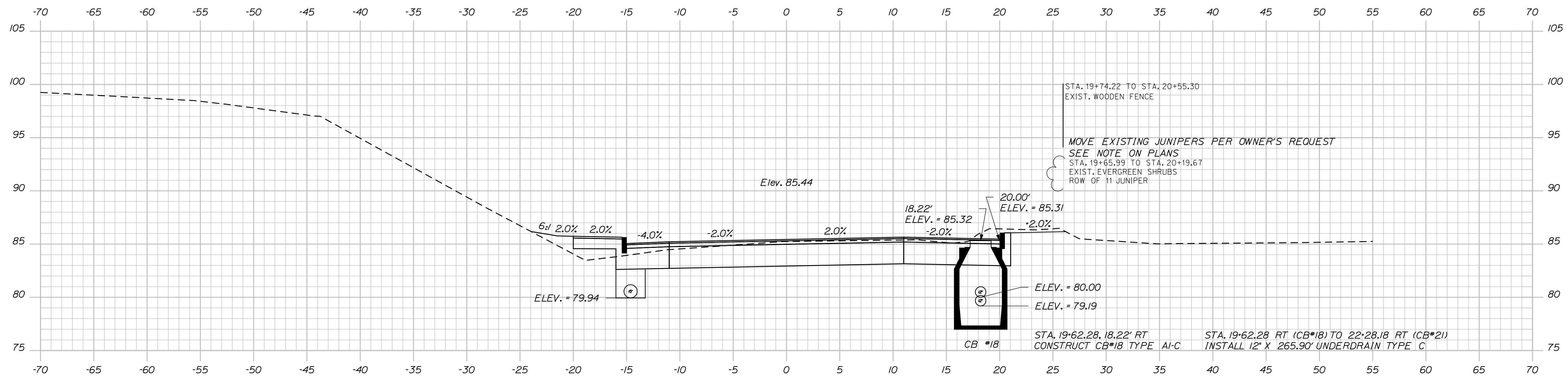
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1785(200)X		WIN PIN 17852.00		HIGHWAY PLANS	
PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE		
DESIGN DETAILED	DESIGNER	DATE	PROJ. NO.	NO.	DATE		
CHECKED-REVIEWED	CHECKER	DATE	DESIGN DETAILED	NO.	DATE		
DESIGN DETAILED	DESIGNER	DATE	DESIGN DETAILED	NO.	DATE		
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	REVISIONS 5	REVISIONS 6		
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES		
SO. BERWICK ROUTE 236 (BERWICK ROAD)							
CROSS SECTIONS							
SHEET NUMBER							
35							
OF 53							

Date: 10/4/2012

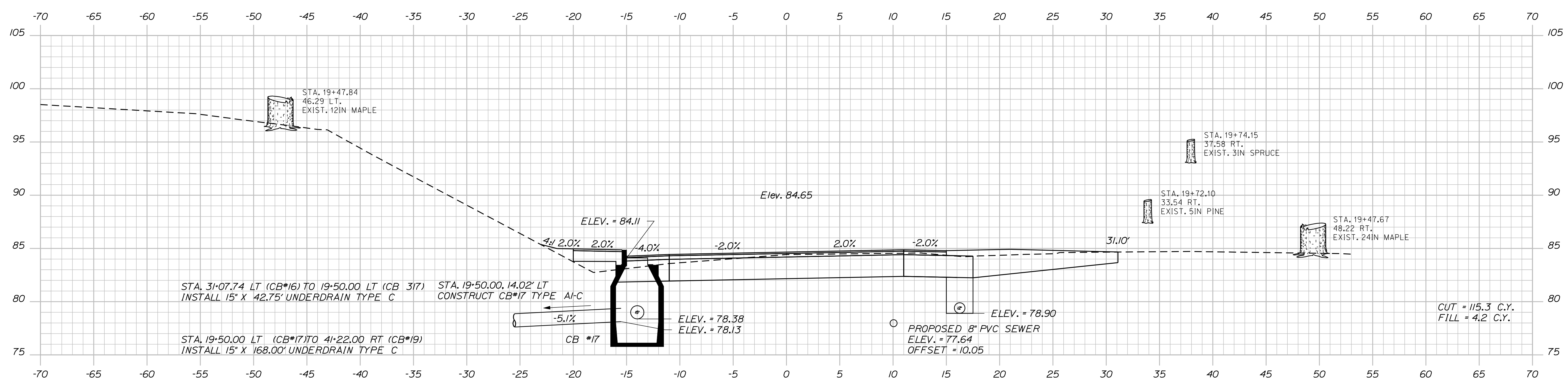
Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA036\_xsect\_19-50\_019.dgn



19+62.28



19+50.00

PROJ. MANAGER	DESIGN DETAILED	CHECKED/REVIEWED	DESIGN DETAILED	DESIGN DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES

BY	DATE	SIGNATURE	P.E. NUMBER	DATE

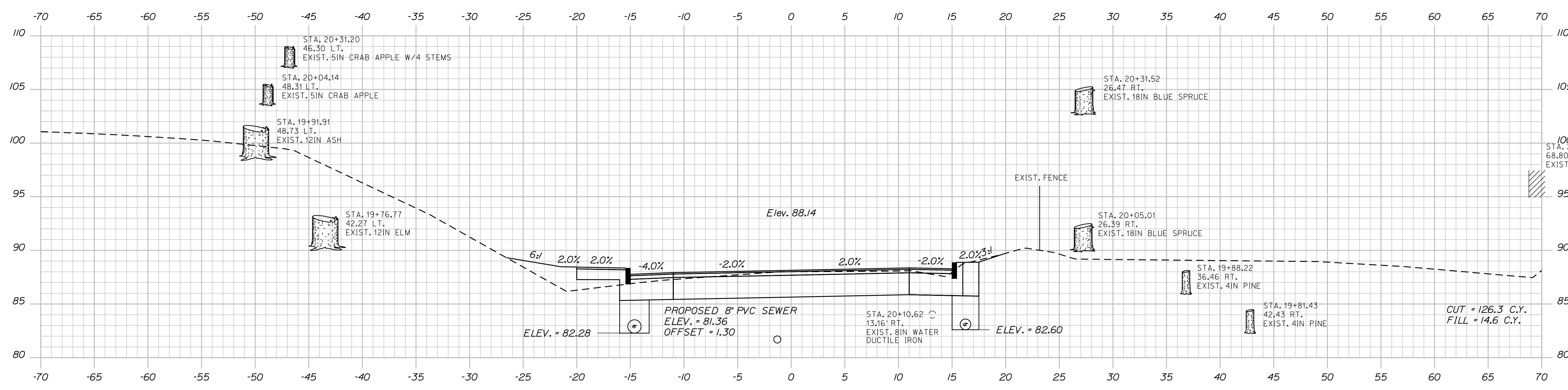
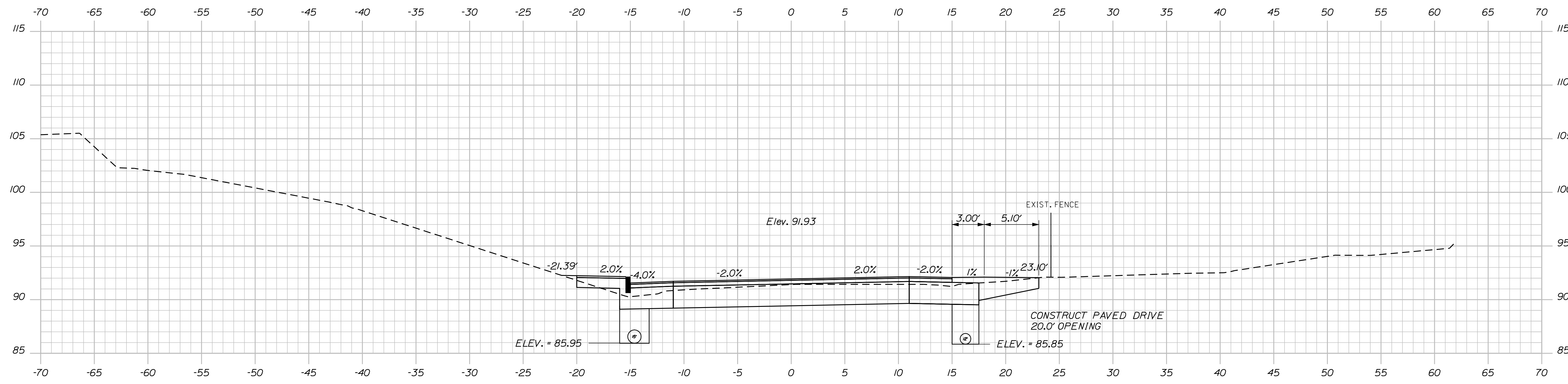
SO. BERWICK ROAD  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA037\_xsect\_20+00\_020.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
PIN 17852.00  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN DETAIL	DESIGNER	DATE
CHECKED-REVIEWED	CHECKER	DATE
DESIGN DETAIL	DESIGNER	DATE
DESIGN DETAIL	DESIGNER	DATE
REVISIONS 1	REVISION	DATE
REVISIONS 2	REVISION	DATE
REVISIONS 3	REVISION	DATE
REVISIONS 4	REVISION	DATE
FIELD CHANGES	FIELD	DATE

SO. BERWICK ROAD  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

SHEET NUMBER  
**37**  
OF 53

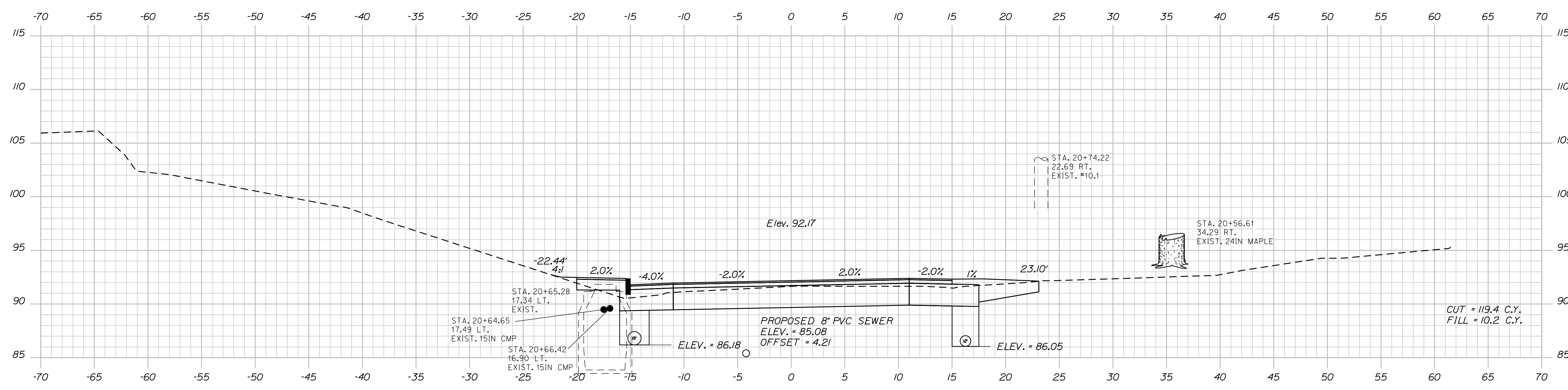
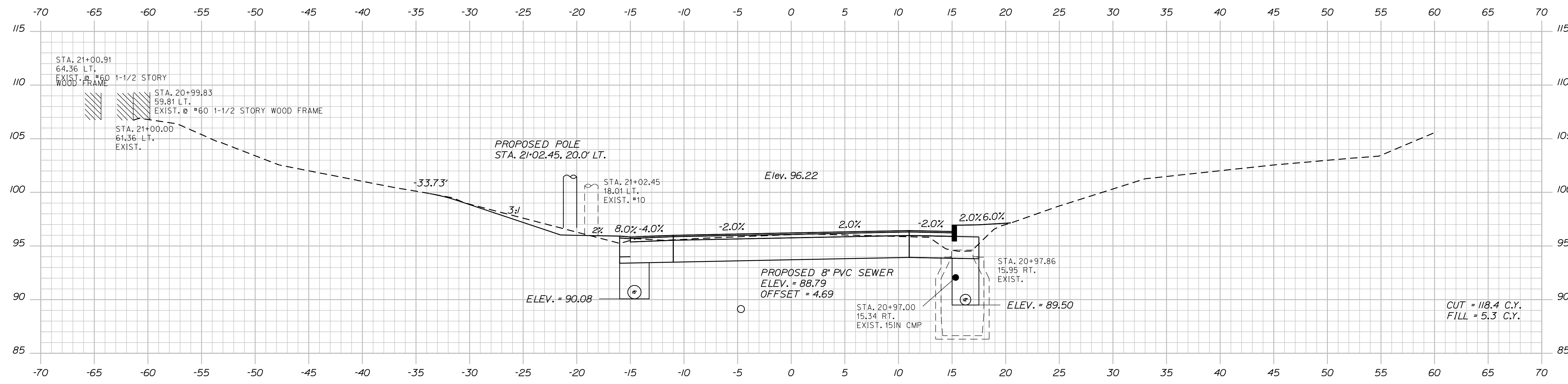
Sta. 20+00.00 to Sta. 20+47.00

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA038\_Xsect\_20+50\_021.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
PIN 17852.00  
HIGHWAY PLANS

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

SO. BERWICK ROAD  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

SHEET NUMBER  
**38**  
OF 53

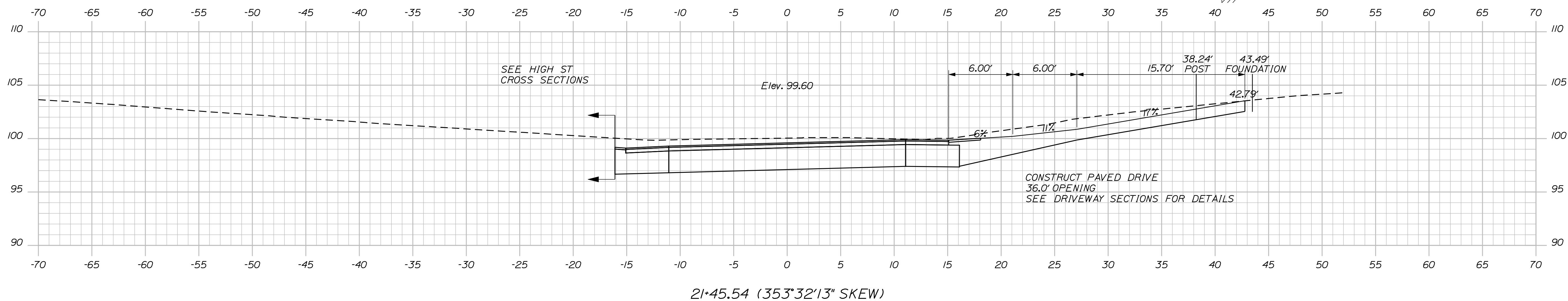
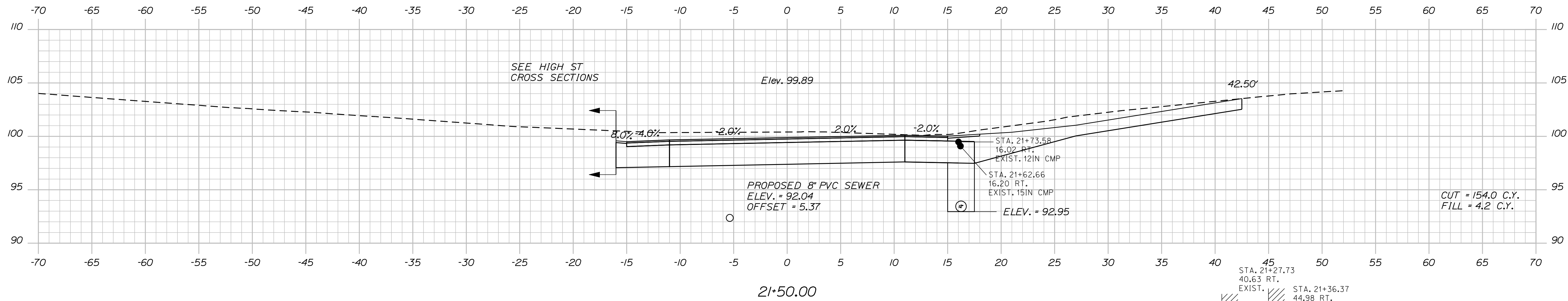
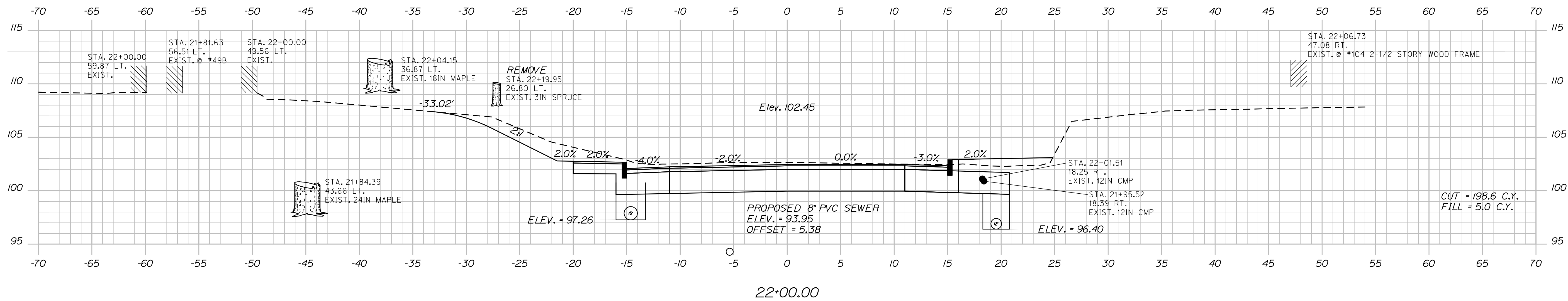
Sta. 20+50.00 to Sta. 21+00.00

Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA039\_xsect\_21+45\_022.dgn



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

SO. BERWICK ROAD  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

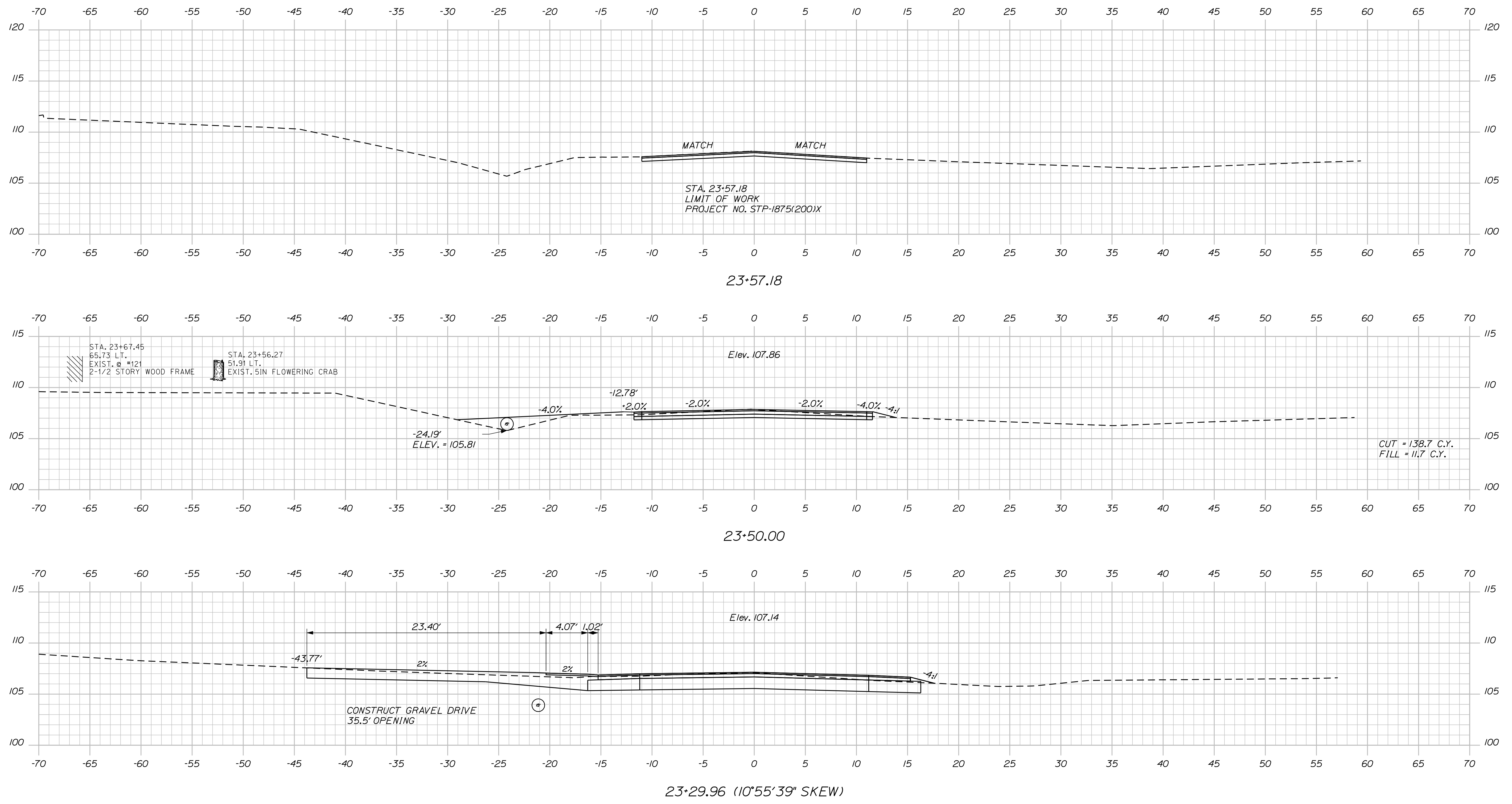


Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA041\_Xsect \_23-29\_024.dgn

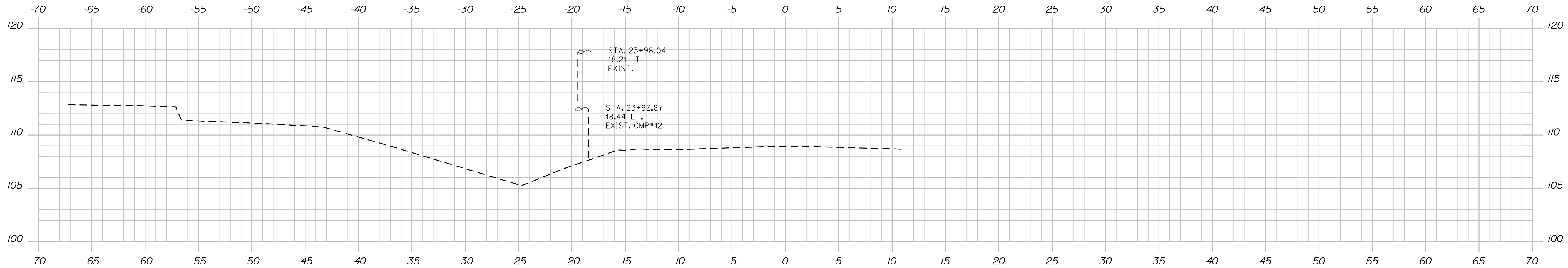


STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
PIN 17852.00  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN DETAILED	DESIGNED	PROPOSED
CHECKED-REVIEWED	DESIGNED	PROPOSED
DESIGN DETAILED	DESIGNED	PROPOSED
DESIGN DETAILED	DESIGNED	PROPOSED
REVISIONS 1	DESIGNED	PROPOSED
REVISIONS 2	DESIGNED	PROPOSED
REVISIONS 3	DESIGNED	PROPOSED
REVISIONS 4	DESIGNED	PROPOSED
FIELD CHANGES	DESIGNED	PROPOSED

SO. BERWICK ROAD  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

SHEET NUMBER  
**41**  
OF 53



24+00.00

Sta. 24+00.00 to Sta. 24+00.00

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
**STP-1785(200)X**  
 WIN  
 PIN 17852.00 HIGHWAY PLANS

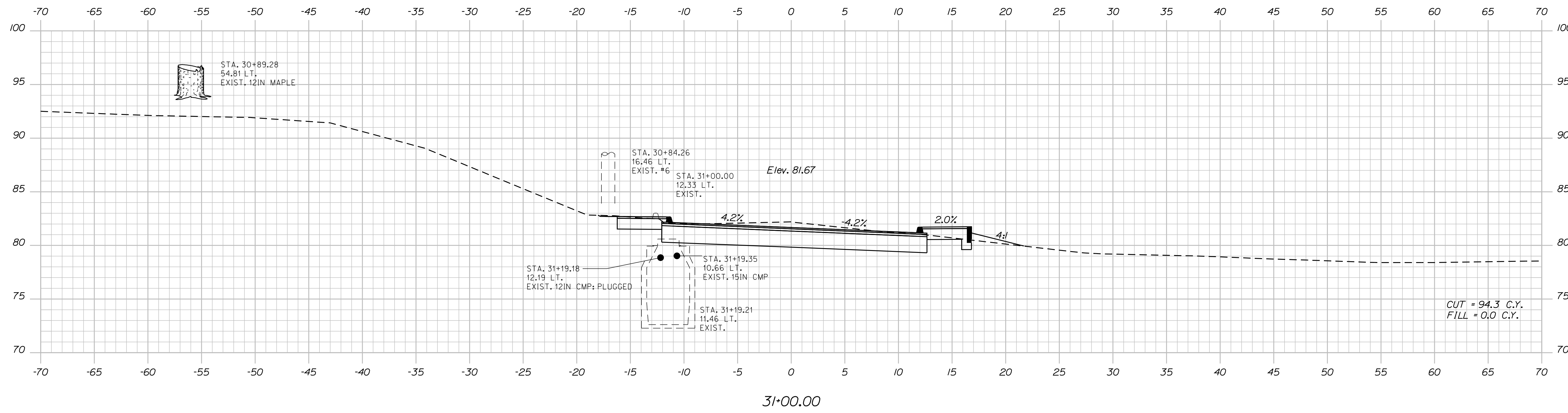
PROJ. MANAGER	PROJ. MANAGER'S	BY	DATE
CHECKED-REVIEWED	DESIGNER'S	DATE	DATE
DESIGNS DETAILED	DESIGNER'S	DATE	DATE
DESIGNS DETAILED	DESIGNER'S	DATE	DATE
REVISIONS 1	DESIGNER'S	DATE	DATE
REVISIONS 2	DESIGNER'S	DATE	DATE
REVISIONS 3	DESIGNER'S	DATE	DATE
REVISIONS 4	DESIGNER'S	DATE	DATE
FIELD CHANGES	DESIGNER'S	DATE	DATE

SO. BERWICK  
 ROUTE 236 (BERWICK ROAD)  
 CROSS SECTIONS

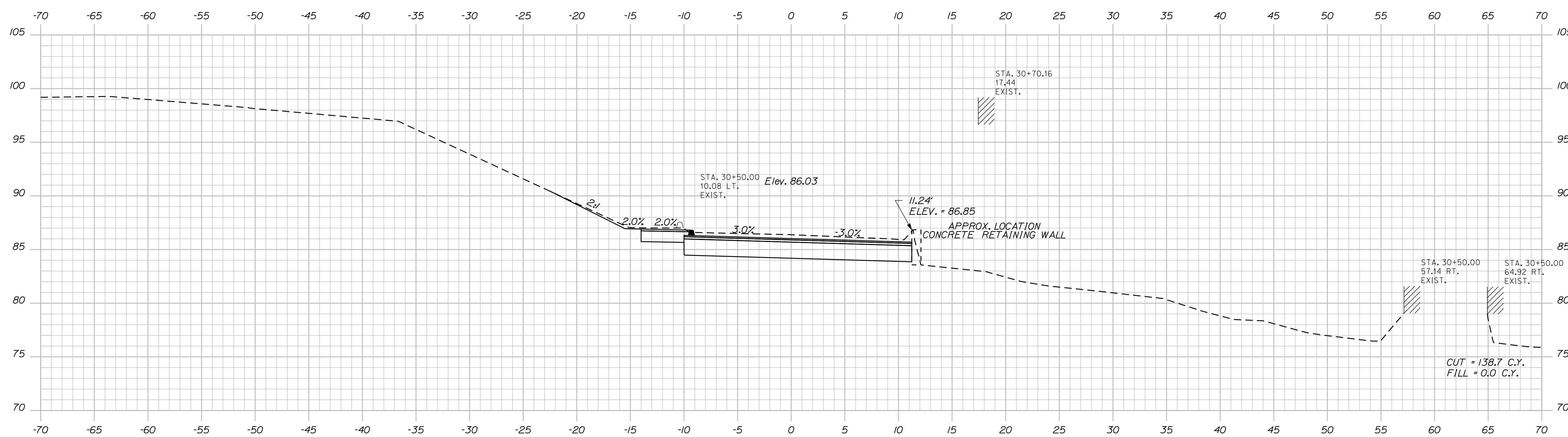
SHEET NUMBER  
**42**  
 OF 53



Filename: ... \044\_xsect\_Tibbetts\_St\_30+50\_002.dg Division: HIGHWAY  
 Username: sarah.k.leblanc Date: 10/4/2012



31+00.00



30+50.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1785(200)X	
WIN		PIN 17852.00	
HIGHWAY PLANS			
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	DESIGNER	DATE	DATE
CHECKED-REVIEWED	CHECKER	DATE	DATE
DESIGN-DETAILED	DESIGNER	DATE	DATE
DESIGN-DETAILED	DESIGNER	DATE	DATE
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES
SO. BERWICK ROAD		ROUTE 236 (BERWICK ROAD)	
CROSS SECTIONS			
SHEET NUMBER			
44			
OF 53			

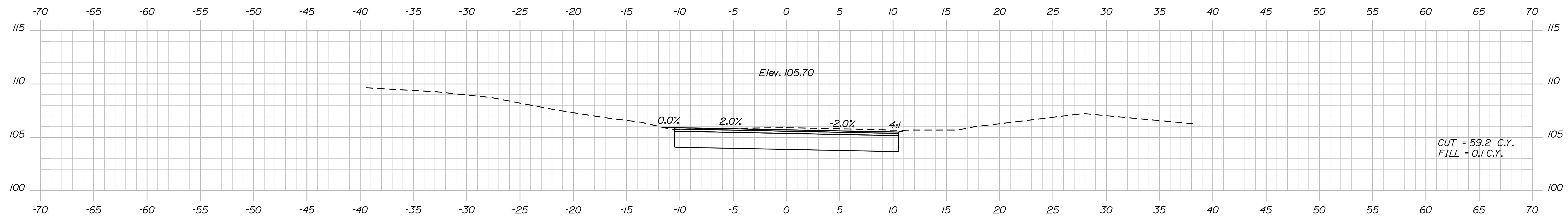


Date: 10/4/2012

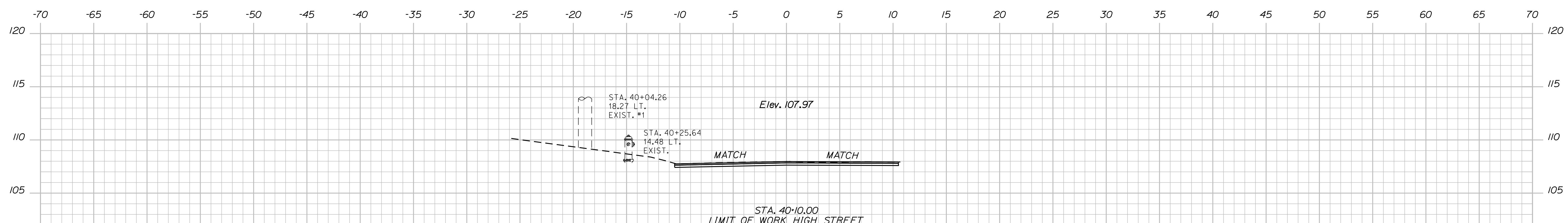
Username: sarah.k.leblanc

Division: HIGHWAY

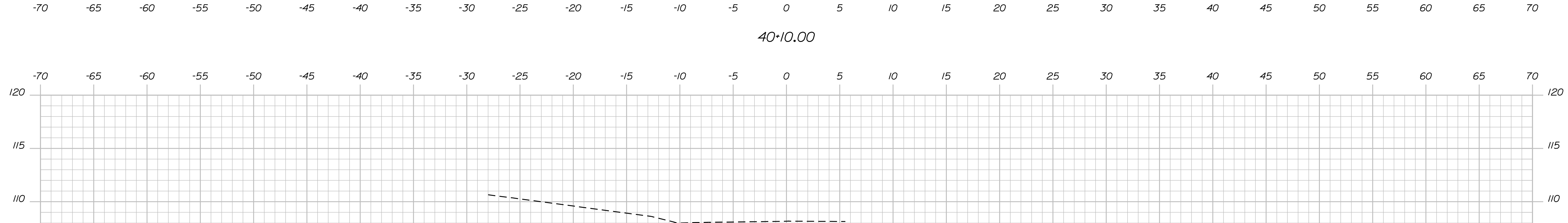
Filename: ... \046\_xsect\_High St\_40+05\_001.dgn



40+50.00



40+10.00



40+05.17

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
PIN 17852.00  
HIGHWAY PLANS

SIGNATURE  
P.E. NUMBER  
DATE

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	DESIGNER	DATE
CHECKED-REVIEWED	DESIGNER	DATE
DESIGN-DETAILED	DESIGNER	DATE
DESIGN-DETAILED	DESIGNER	DATE
REVISIONS 1	DESIGNER	DATE
REVISIONS 2	DESIGNER	DATE
REVISIONS 3	DESIGNER	DATE
REVISIONS 4	DESIGNER	DATE
FIELD CHANGES	DESIGNER	DATE

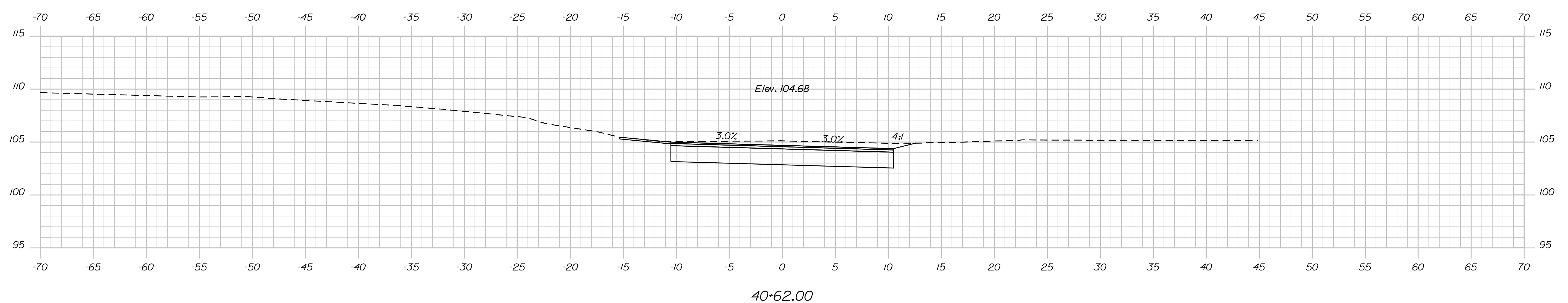
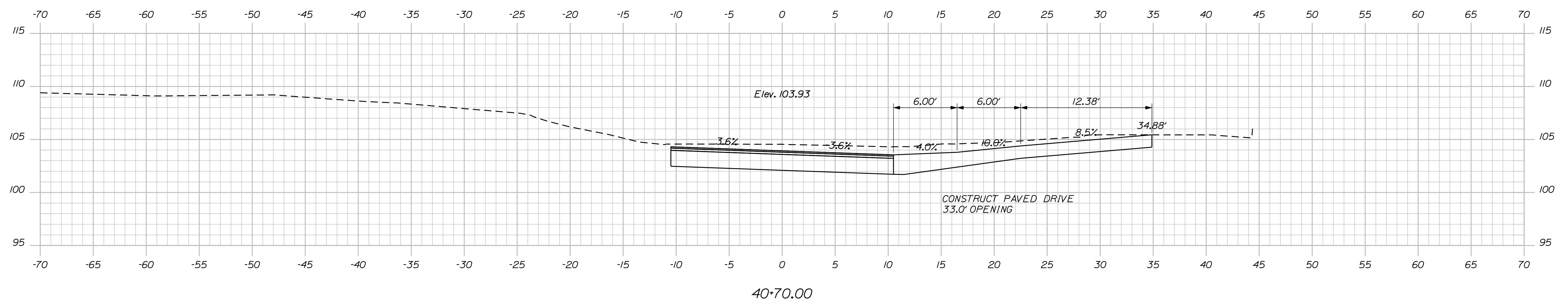
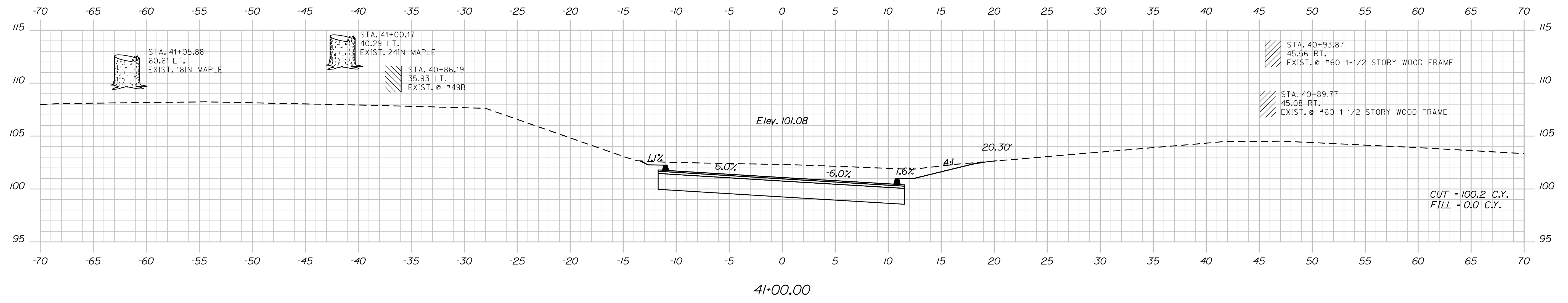
SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS

SHEET NUMBER  
**46**  
OF 53

Date: 10/4/2012

Username: sarah.k.leblanc

Filename: ... \047\_xsect\_High St\_40+62\_002.dgn Division: HIGHWAY



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1785(200)X		WIN	
PIN 17852.00		HIGHWAY PLANS	
PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED
DESIGNER	DESIGNER	DESIGNER	DESIGNER
DATE	DATE	DATE	DATE
SIGNATURE		P.E. NUMBER	
DATE		DATE	
SHEET NUMBER			
47			
OF 53			

SO. BERWICK  
ROUTE 236 (BERWICK ROAD)

CROSS SECTIONS

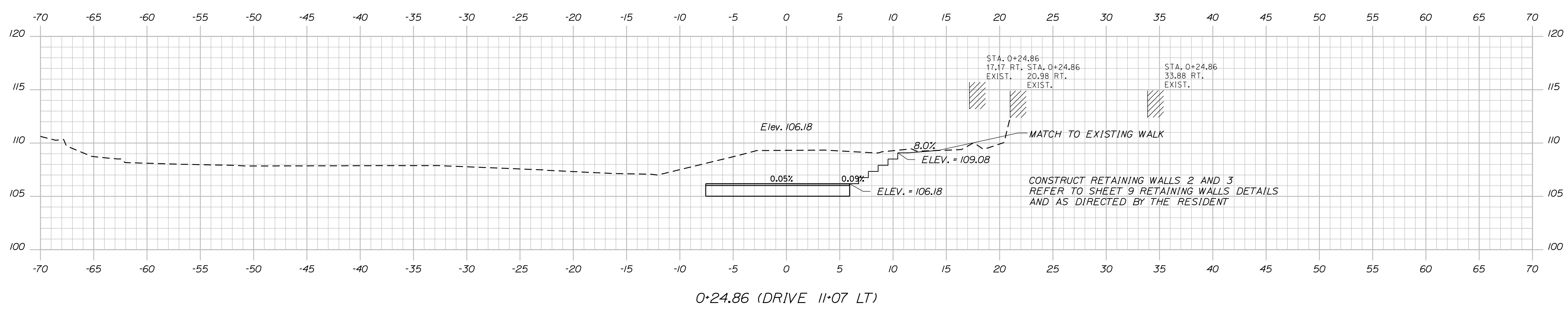
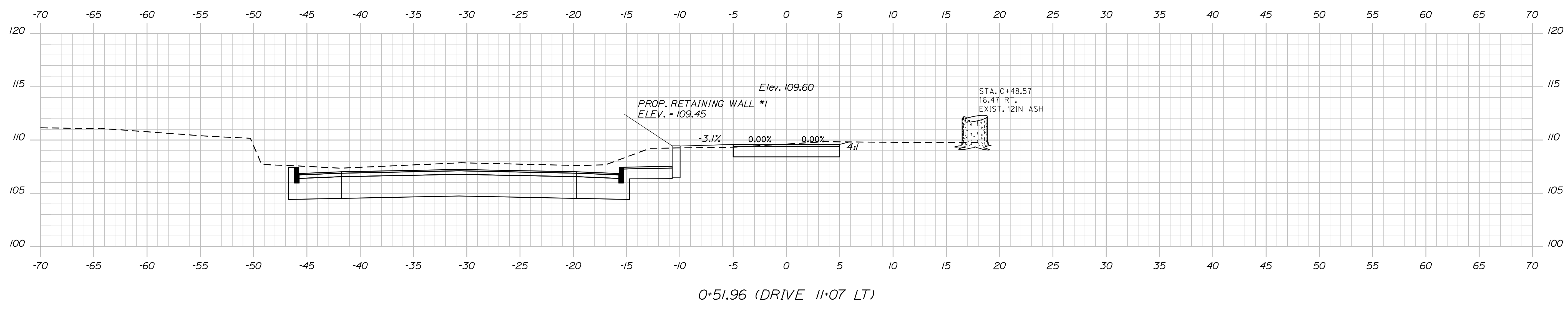
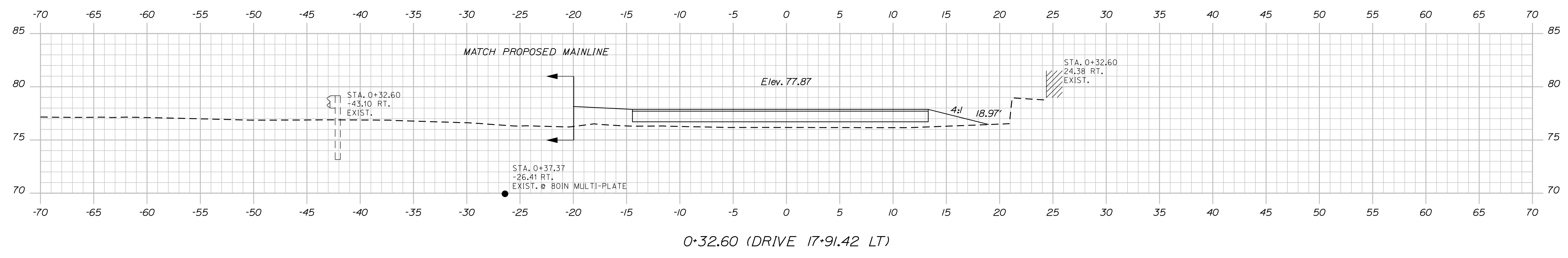


Date: 10/4/2012

Username: sarah.k.leblanc

Division: HIGHWAY

Filename: ... \MSTA049\_xsect\_Drives.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
17852.00  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
E. MARTIN	S. LEBLANC	
DESIGN DETAILED		
CHECKED-REVIEWED		
DESIGN DETAILED		
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS - DRIVES

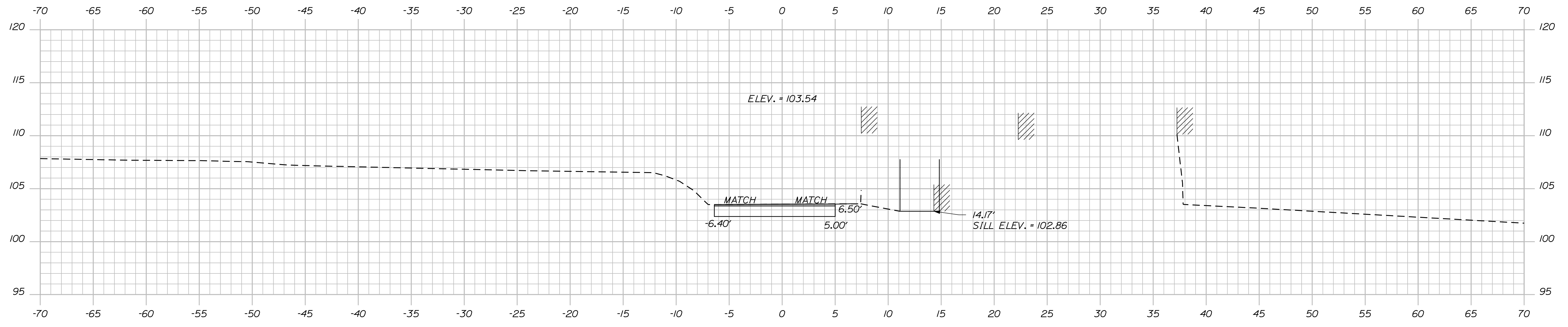
SHEET NUMBER  
**49**  
OF 53

Date: 10/4/2012

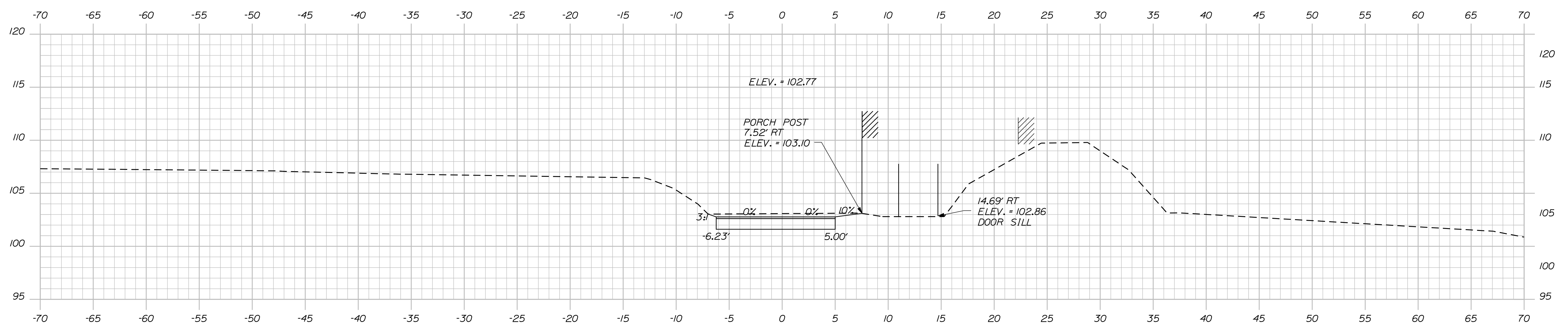
Username: sorch.k.leblanc

Division: HIGHWAY

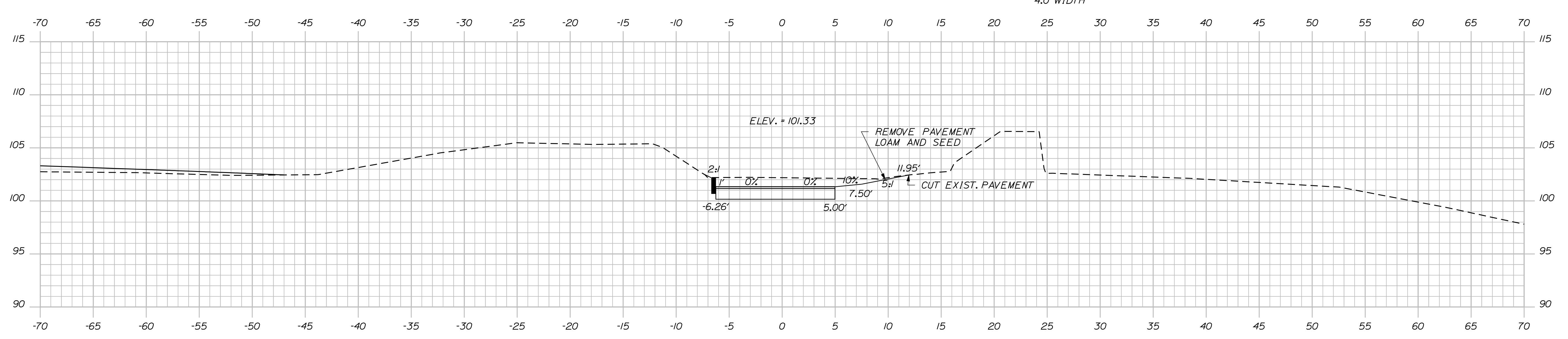
Filename: ... \MSTA\050\_Xsect\_Drives\_2.dgn



0+42.79 (DRIVE 21+45.54 RT)



0+38.23 (DRIVE 21+45.54 RT)



0+29.78 (DRIVE 21+45.54 RT)

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1785(200)X  
WIN  
17852.00  
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	SIGNATURE
E. MARTIN			
S. LEBLANC			
DESIGN DETAILED	DATE	BY	SIGNATURE
CHECKED-REVIEWED	DATE	BY	SIGNATURE
DESIGNS DETAILED	DATE	BY	SIGNATURE
DESIGNS DETAILED	DATE	BY	SIGNATURE
REVISIONS 1	DATE	BY	SIGNATURE
REVISIONS 2	DATE	BY	SIGNATURE
REVISIONS 3	DATE	BY	SIGNATURE
REVISIONS 4	DATE	BY	SIGNATURE
FIELD CHANGES	DATE	BY	SIGNATURE

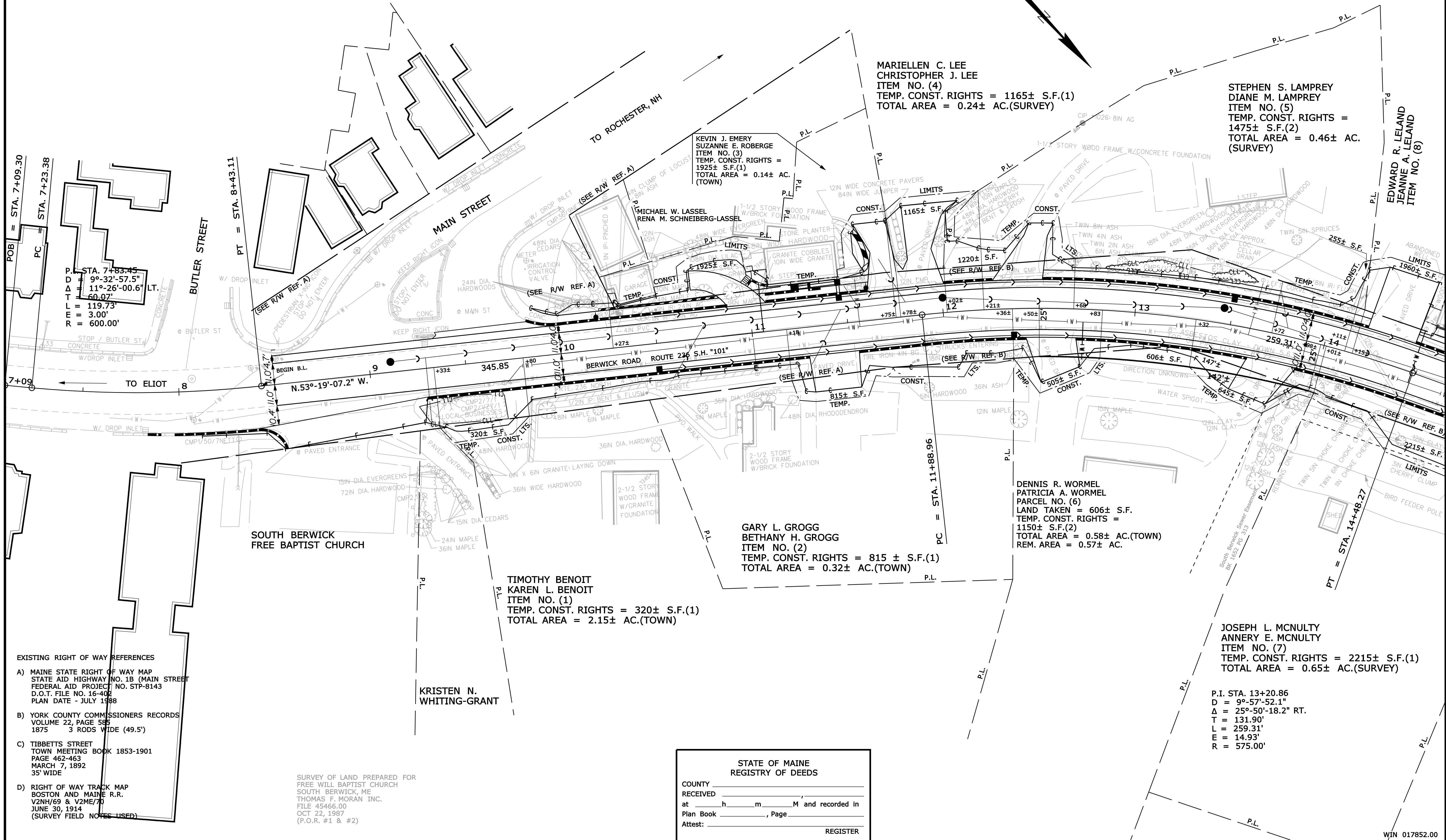
SO. BERWICK  
ROUTE 236 (BERWICK ROAD)  
CROSS SECTIONS - DRIVES

SHEET NUMBER  
**50**  
OF 53

Filename: ... \00\ROW\MSTA201\_RWP\PLAN1.dgn Division: HIGHWAY Username: sarah.k.leblanc Date: 10/4/2012

PLAN OF LAND FOR ROBERT & HOLLY FLETCHER MAIN STREET, SOUTH BERWICK ME G. L. DAVIS & ASSOCIATES Y.C.R.D. PLAN BOOK 158, PAGE 44 SEP 6, 1989

PLAN OF LAND FOR LAURENCE M. & SHARON E. FAHY Y.C.R.D. PLAN BOOK 164, PAGE 15 DECEMBER 30, 1987



- EXISTING RIGHT OF WAY REFERENCES
- A) MAINE STATE RIGHT OF WAY MAP STATE AID HIGHWAY NO. 1B (MAIN STREET) FEDERAL AID PROJECT NO. STP-8143 D.O.T. FILE NO. 16-402 PLAN DATE - JULY 1988
  - B) YORK COUNTY COMMISSIONERS RECORDS VOLUME 22, PAGE 565 1875 3 RODS WIDE (49.5')
  - C) TIBBETTS STREET TOWN MEETING BOOK 1853-1901 PAGE 462-463 MARCH 7, 1892 35' WIDE
  - D) RIGHT OF WAY TRACK MAP BOSTON AND MAINE R.R. V2NH/69 & V2ME/70 JUNE 30, 1914 (SURVEY FIELD NOTES USED)

SURVEY OF LAND PREPARED FOR FREE WILL BAPTIST CHURCH SOUTH BERWICK, ME THOMAS F. MORAN INC. FILE 45466.00 OCT 22, 1987 (P.O.R. #1 & #2)

STATE OF MAINE  
REGISTRY OF DEEDS

COUNTY \_\_\_\_\_  
RECEIVED \_\_\_\_\_  
at \_\_\_\_\_ h \_\_\_\_\_ m \_\_\_\_\_ M and recorded in  
Plan Book \_\_\_\_\_, Page \_\_\_\_\_  
Attest: \_\_\_\_\_ REGISTER

SYMBOLS

●	PI	IRON PIPE (OR PIPE FOUND)
□	ST	SEPTIC TANK
○	WELL	(WELL)
—	—	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
—	—	WATER LINE
—	—	GAS LINE
—	—	ELECTRIC LINE
—	—	TELEPHONE LINE
—	—	SEWER LINE

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

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

NO.	DATE	REVISIONS DESCRIPTION	BY	PLAN FILED IN PLAN BOOK				COUNTY RECORD							
				NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	COND.	DATE	BOOK	PAGE		

DAVID BERNHARDT  
COMMISSIONER  
KENNETH L. SWEENEY  
CHIEF ENGINEER

DATE \_\_\_\_\_

STATE OF MAINE  
CHRISTOPHER W. KNIGHT  
2257  
PROFESSIONAL  
LAND SURVEYOR

To the best of my knowledge and belief, this map constitutes an accurate graphical representation of the Highway Right of Way lines shown hereon. Other boundary lines, including lines between abutters, are approximate and for general reference only. See sheet X of this plan set for reference coordinates.

STATE HIGHWAY "101"  
ROUTE 236

SOUTH BERWICK YORK COUNTY  
FEDERAL AID PROJECT NO. STP-1785(200)X

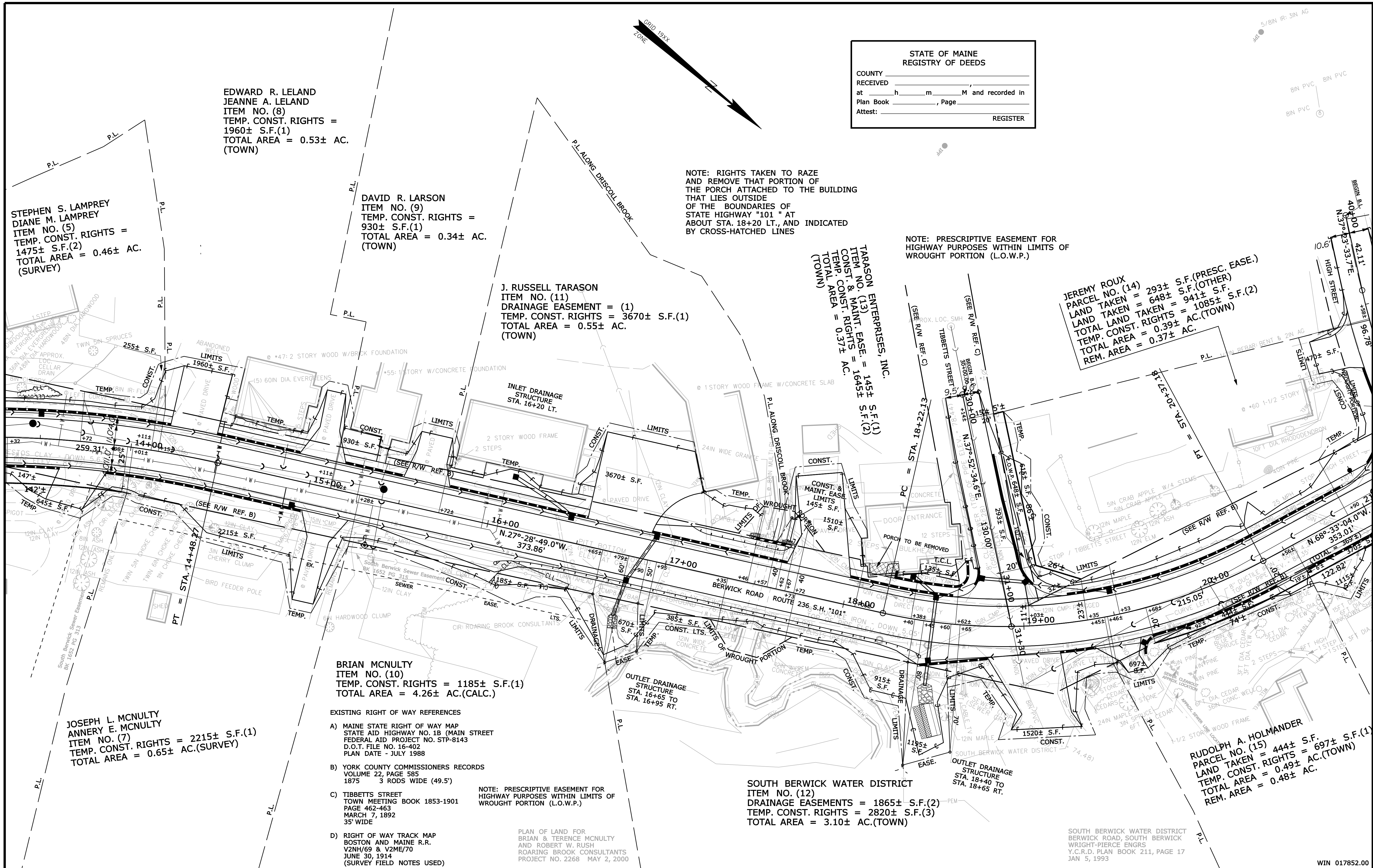
JUNE 2012  
SCALE 1" = 25'

RIGHT-OF-WAY MAP  
SHEET 1 OF 3

D.O.T. FILE NO. 3-585

SHEET NUMBER  
**51**  
OF 53

Filename: ...:\00\ROW\MSTA202\_RWPLAN2.dgn Division: HIGHWAY Username: sarah.k.leblanc Date: 10/4/2012



STATE OF MAINE  
 REGISTRY OF DEEDS  
 COUNTY \_\_\_\_\_  
 RECEIVED \_\_\_\_\_  
 at \_\_\_\_\_ h \_\_\_\_\_ m \_\_\_\_\_ M and recorded in  
 Plan Book \_\_\_\_\_, Page \_\_\_\_\_  
 Attest: \_\_\_\_\_ REGISTER

EDWARD R. LELAND  
 JEANNE A. LELAND  
 ITEM NO. (8)  
 TEMP. CONST. RIGHTS =  
 1960± S.F.(1)  
 TOTAL AREA = 0.53± AC.  
 (TOWN)

STEPHEN S. LAMPREY  
 DIANE M. LAMPREY  
 ITEM NO. (5)  
 TEMP. CONST. RIGHTS =  
 1475± S.F.(2)  
 TOTAL AREA = 0.46± AC.  
 (SURVEY)

DAVID R. LARSON  
 ITEM NO. (9)  
 TEMP. CONST. RIGHTS =  
 930± S.F.(1)  
 TOTAL AREA = 0.34± AC.  
 (TOWN)

NOTE: RIGHTS TAKEN TO RAZE  
 AND REMOVE THAT PORTION OF  
 THE PORCH ATTACHED TO THE BUILDING  
 THAT LIES OUTSIDE  
 OF THE BOUNDARIES OF  
 STATE HIGHWAY "101 " AT  
 ABOUT STA. 18+20 LT. AND INDICATED  
 BY CROSS-HATCHED LINES

J. RUSSELL TARASON  
 ITEM NO. (11)  
 DRAINAGE EASEMENT = (1)  
 TEMP. CONST. RIGHTS = 3670± S.F.(1)  
 TOTAL AREA = 0.55± AC.  
 (TOWN)

TARASON ENTERPRISES, INC.  
 ITEM NO. (13)  
 CONST. & MAINT. EASE. = 145± S.F.(1)  
 TEMP. CONST. RIGHTS = 1645± S.F.(2)  
 TOTAL AREA = 0.37± AC.  
 (TOWN)

NOTE: PRESCRIPTIVE EASEMENT FOR  
 HIGHWAY PURPOSES WITHIN LIMITS OF  
 WROUGHT PORTION (L.O.W.P.)

JEREMY ROUX  
 PARCEL NO. (14)  
 LAND TAKEN = 293± S.F.(PRESC. EASE.)  
 LAND TAKEN = 648± S.F.(OTHER)  
 TOTAL LAND TAKEN = 941± S.F.  
 TEMP. CONST. RIGHTS = 1085± S.F.(2)  
 TOTAL AREA = 0.39± AC.(TOWN)  
 REM. AREA = 0.37± AC.

JOSEPH L. MCNULTY  
 ANNERY E. MCNULTY  
 ITEM NO. (7)  
 TEMP. CONST. RIGHTS = 2215± S.F.(1)  
 TOTAL AREA = 0.65± AC.(SURVEY)

BRIAN MCNULTY  
 ITEM NO. (10)  
 TEMP. CONST. RIGHTS = 1185± S.F.(1)  
 TOTAL AREA = 4.26± AC.(CALC.)

- EXISTING RIGHT OF WAY REFERENCES
- A) MAINE STATE RIGHT OF WAY MAP  
 STATE AID HIGHWAY NO. 1B (MAIN STREET)  
 FEDERAL AID PROJECT NO. STP-8143  
 D.O.T. FILE NO. 16-402  
 PLAN DATE - JULY 1988
  - B) YORK COUNTY COMMISSIONERS RECORDS  
 VOLUME 22, PAGE 585  
 1875 3 RODS WIDE (49.5')
  - C) TIBBETTS STREET  
 TOWN MEETING BOOK 1853-1901  
 PAGE 462-463  
 MARCH 7, 1892  
 35' WIDE
  - D) RIGHT OF WAY TRACK MAP  
 BOSTON AND MAINE R.R.  
 V2NH/69 & V2ME/70  
 JUNE 30, 1914  
 (SURVEY FIELD NOTES USED)

NOTE: PRESCRIPTIVE EASEMENT FOR  
 HIGHWAY PURPOSES WITHIN LIMITS OF  
 WROUGHT PORTION (L.O.W.P.)

PLAN OF LAND FOR  
 BRIAN & TERENCE MCNULTY  
 AND ROBERT W. RUSH  
 ROARING BROOK CONSULTANTS  
 PROJECT NO. 2268 MAY 2, 2000

SOUTH BERWICK WATER DISTRICT  
 ITEM NO. (12)  
 DRAINAGE EASEMENTS = 1865± S.F.(2)  
 TEMP. CONST. RIGHTS = 2820± S.F.(3)  
 TOTAL AREA = 3.10± AC.(TOWN)

RUDOLPH A. HOLMANDER  
 PARCEL NO. (15)  
 LAND TAKEN = 444± S.F.  
 TEMP. CONST. RIGHTS = 697± S.F.(1)  
 TOTAL AREA = 0.48± AC.  
 REM. AREA = 0.48± AC.

SYMBOLS

• IP or • PIP (IRON PIPE OR PIN FOUND)	○ (WELL)
□ (SEPTIC TANK)	○ (CONSTRUCTION LIMIT LINE)
□ (TRAVEL POINT)	○ (PROPERTY LINE PL)
○ (WATER LINE)	○ (LIMITS OF WROUGHT PORTION (L.O.W.P.))
○ (GAS LINE)	○ (EXISTING RIGHT OF WAY)
○ (ELECTRIC LINE)	○ (NEW RIGHT OF WAY)
○ (TELEPHONE LINE)	○ (NEW ROW WITHIN EXIST. ROW)
○ (SEWER LINE)	○ (CONTROL OF ACCESS)

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	N.B.D.	C.W.K.
PROP. LINES	N.B.D.	T.L.B.
AREAS	T.L.B.	D.S.G.

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

NO.	DATE	REVISIONS DESCRIPTION	BY

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

DAVID BERNHARDT  
 COMMISSIONER  
 KENNETH L. SWEENEY  
 CHIEF ENGINEER  
 DATE \_\_\_\_\_

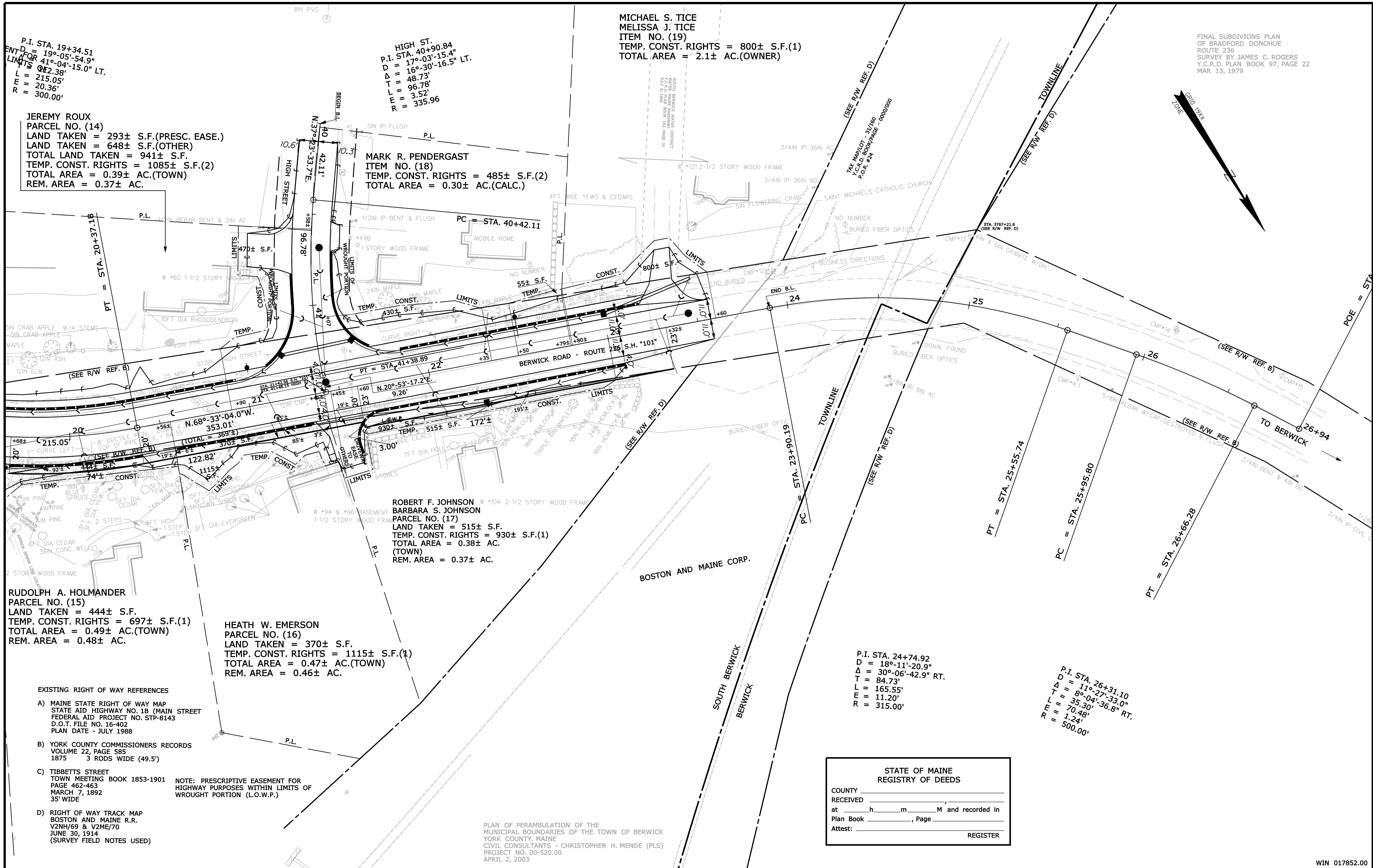
STATE OF MAINE  
 CHRISTOPHER W. KNIGHT  
 2257  
 PROFESSIONAL  
 LAND SURVEYOR

To the best of my knowledge and belief, this map constitutes an accurate graphical representation of the Highway Right of Way lines shown hereon. Other boundary lines, including lines between abutters, are approximate and for general reference only. See sheet X of this plan set for reference coordinates.

STATE HIGHWAY "101"  
 ROUTE 236  
 SOUTH BERWICK YORK COUNTY  
 FEDERAL AID PROJECT NO. STP-1785(200)X  
 JUNE 2012 RIGHT-OF-WAY MAP  
 SCALE 1" = 25' SHEET 2 OF 3  
 D.O.T. FILE NO. 3-585

SHEET NUMBER  
 52  
 OF 53

Filename: ...:\00\ROW\MSTA203\_RWPLAN3.dgn Division: HIGHWAY Username: sarah.k.leblanc Date: 10/4/2012



MICHAEL S. TICE  
MELISSA J. TICE  
ITEM NO. (19)  
TEMP. CONST. RIGHTS = 800± S.F.(1)  
TOTAL AREA = 2.1± AC.(OWNER)

FINAL SUBDIVISIONS PLAN  
OF BRADFORD DONOHUE  
ROUTE 236  
SURVEY BY JAMES C. ROGERS  
Y.C.R.D. PLAN BOOK 97, PAGE 22  
MAR. 13, 1979

P.I. STA. 19+34.51  
D = 19°-05'-54.9"  
LIMITS FOR 41°-04'-15.0" LT.  
L = 215.05'  
E = 20.36'  
R = 300.00'

HIGH ST.  
P.I. STA. 40+90.84  
D = 17°-03'-15.4"  
Δ = 16°-30'-16.5" LT.  
T = 48.73'  
L = 96.78'  
E = 3.52'  
R = 335.96

JEREMY ROUX  
PARCEL NO. (14)  
LAND TAKEN = 293± S.F.(PRES.C. EASE.)  
LAND TAKEN = 648± S.F.(OTHER)  
TOTAL LAND TAKEN = 941± S.F.  
TEMP. CONST. RIGHTS = 1085± S.F.(2)  
TOTAL AREA = 0.39± AC.(TOWN)  
REM. AREA = 0.37± AC.

MARK R. PENDERGAST  
ITEM NO. (18)  
TEMP. CONST. RIGHTS = 485± S.F.(2)  
TOTAL AREA = 0.30± AC.(CALC.)

ROBERT F. JOHNSON  
BARBARA S. JOHNSON  
PARCEL NO. (17)  
LAND TAKEN = 515± S.F.  
TEMP. CONST. RIGHTS = 930± S.F.(1)  
TOTAL AREA = 0.38± AC.  
(TOWN)  
REM. AREA = 0.37± AC.

RUDOLPH A. HOLMANDER  
PARCEL NO. (15)  
LAND TAKEN = 444± S.F.  
TEMP. CONST. RIGHTS = 697± S.F.(1)  
TOTAL AREA = 0.49± AC.(TOWN)  
REM. AREA = 0.48± AC.

HEATH W. EMERSON  
PARCEL NO. (16)  
LAND TAKEN = 370± S.F.  
TEMP. CONST. RIGHTS = 1115± S.F.(1)  
TOTAL AREA = 0.47± AC.(TOWN)  
REM. AREA = 0.46± AC.

- EXISTING RIGHT OF WAY REFERENCES
- A) MAINE STATE RIGHT OF WAY MAP  
STATE AID HIGHWAY NO. 1B (MAIN STREET)  
FEDERAL AID PROJECT NO. STP-6143  
D.O.T. FILE NO. 16-402  
PLAN DATE - JULY 1988
  - B) YORK COUNTY COMMISSIONERS RECORDS  
VOLUME 22, PAGE 585  
1875 3 RODS WIDE (49.5')
  - C) TIBBETTS STREET  
TOWN MEETING BOOK 1853-1901  
PAGE 462-463  
MARCH 7, 1892  
35' WIDE
  - D) RIGHT OF WAY TRACK MAP  
BOSTON AND MAINE R.R.  
V2NH/69 & V2ME/70  
JUNE 30, 1914  
(SURVEY FIELD NOTES USED)

NOTE: PRESCRIPTIVE EASEMENT FOR  
HIGHWAY PURPOSES WITHIN LIMITS OF  
WROUGHT PORTION (L.O.W.P.)

PLAN OF PERAMBULATION OF THE  
MUNICIPAL BOUNDARIES OF THE TOWN OF BERWICK  
YORK COUNTY, MAINE  
CIVIL CONSULTANTS - CHRISTOPHER H. MENDE (PLS)  
PROJECT NO. 00-520.00  
APRIL 2, 2003

STATE OF MAINE  
REGISTRY OF DEEDS  
COUNTY \_\_\_\_\_  
RECEIVED \_\_\_\_\_,  
at \_\_\_\_\_ h \_\_\_\_\_ m \_\_\_\_\_ M and recorded in  
Plan Book \_\_\_\_\_, Page \_\_\_\_\_  
Attest: \_\_\_\_\_ REGISTER

SYMBOLS

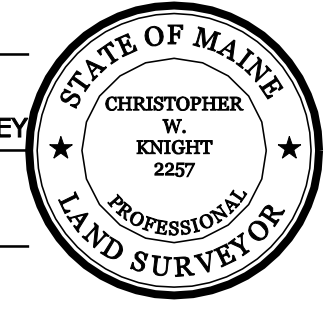
PI or PIP (IRON PIPE OR PIN FOUND)	WELL (WELL)
ST. (SEPTIC TANK)	CONSTRUCTION LIMIT LINE
ABM (TRAVERSE POINT)	PROPERTY LINE
W (WATER LINE)	LIMITS OF WROUGHT PORTION (L.O.W.P.)
G (GAS LINE)	EXISTING RIGHT OF WAY
E (ELECTRIC LINE)	NEW RIGHT OF WAY
T (TELEPHONE LINE)	NEW ROW WITHIN EXIST. ROW
S (SEWER LINE)	CONTROL OF ACCESS

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W		C.W.K.
PROP. LINES		T.L.B.
AREAS		D.S.G.

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

REVISIONS			PLAN FILED IN PLAN BOOK				COUNTY RECORD			
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	PAGE	INSTRUMENT	DATE	BOOK	PAGE
							COND.	9/17/12	16413	607

DAVID BERNHARDT  
COMMISSIONER  
KENNETH L. SWEENEY  
CHIEF ENGINEER  
DATE \_\_\_\_\_

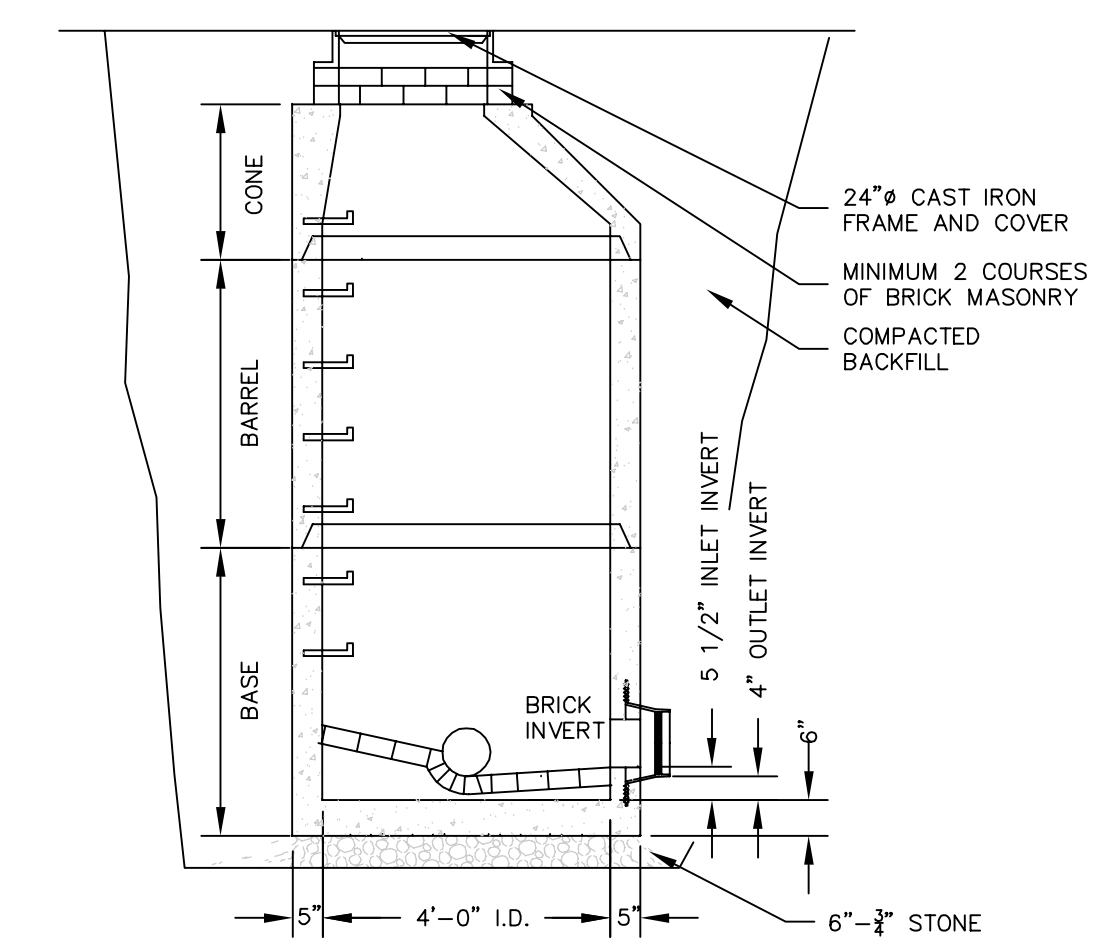
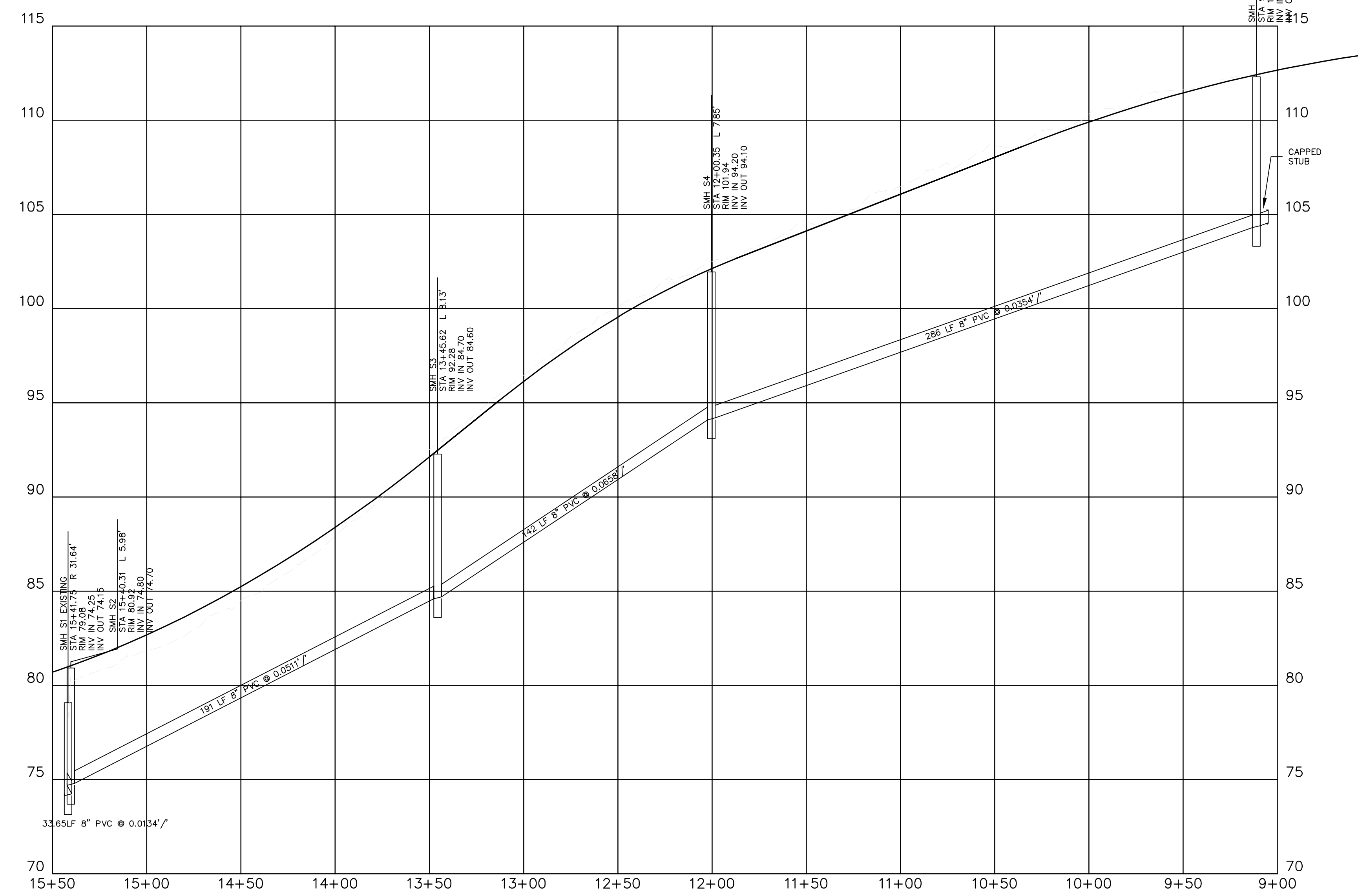
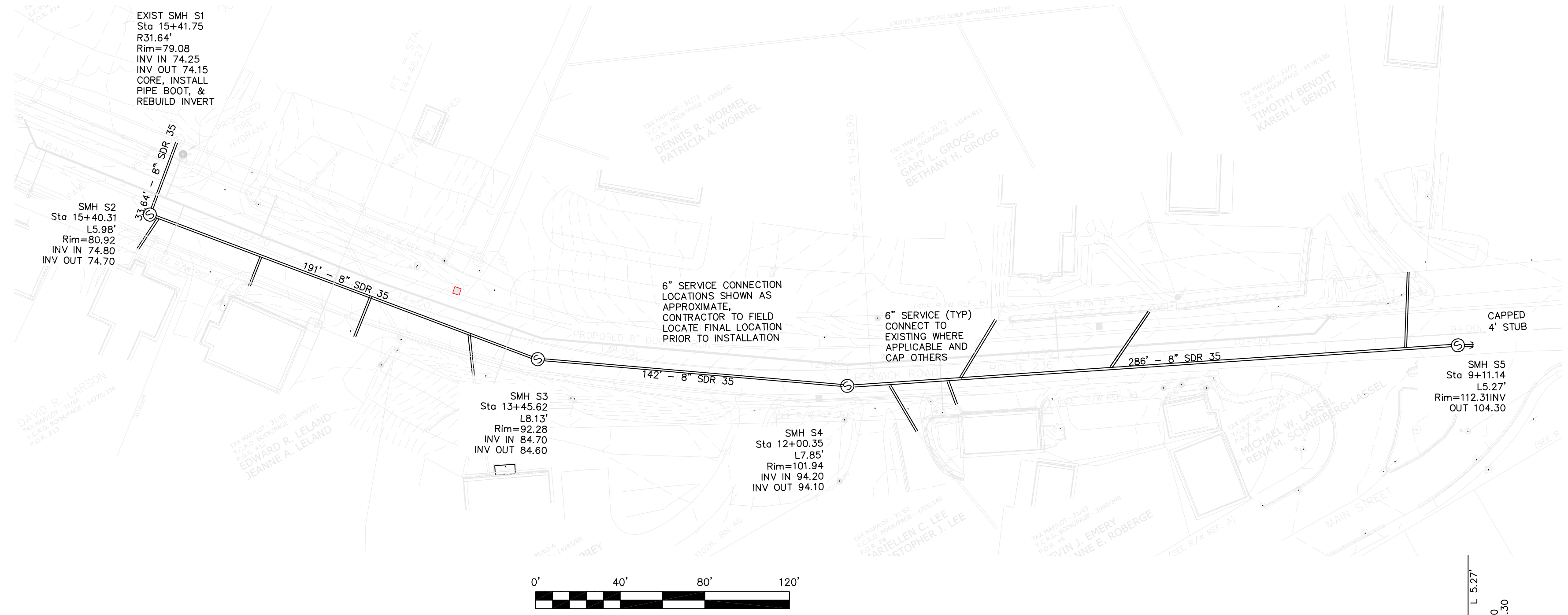


To the best of my knowledge and belief, this map constitutes an accurate graphical representation of the Highway Right of Way lines shown hereon. Other boundary lines, including lines between abutters, are approximate and for general reference only. See sheet X of this plan set for reference coordinates.

STATE HIGHWAY "101"  
ROUTE 236  
SOUTH BERWICK YORK COUNTY  
FEDERAL AID PROJECT NO. STP-1785(200)X  
JUNE 2012 RIGHT-OF-WAY MAP  
SCALE 1" = 25' SHEET 3 OF 3  
D.O.T. FILE NO. 3-585

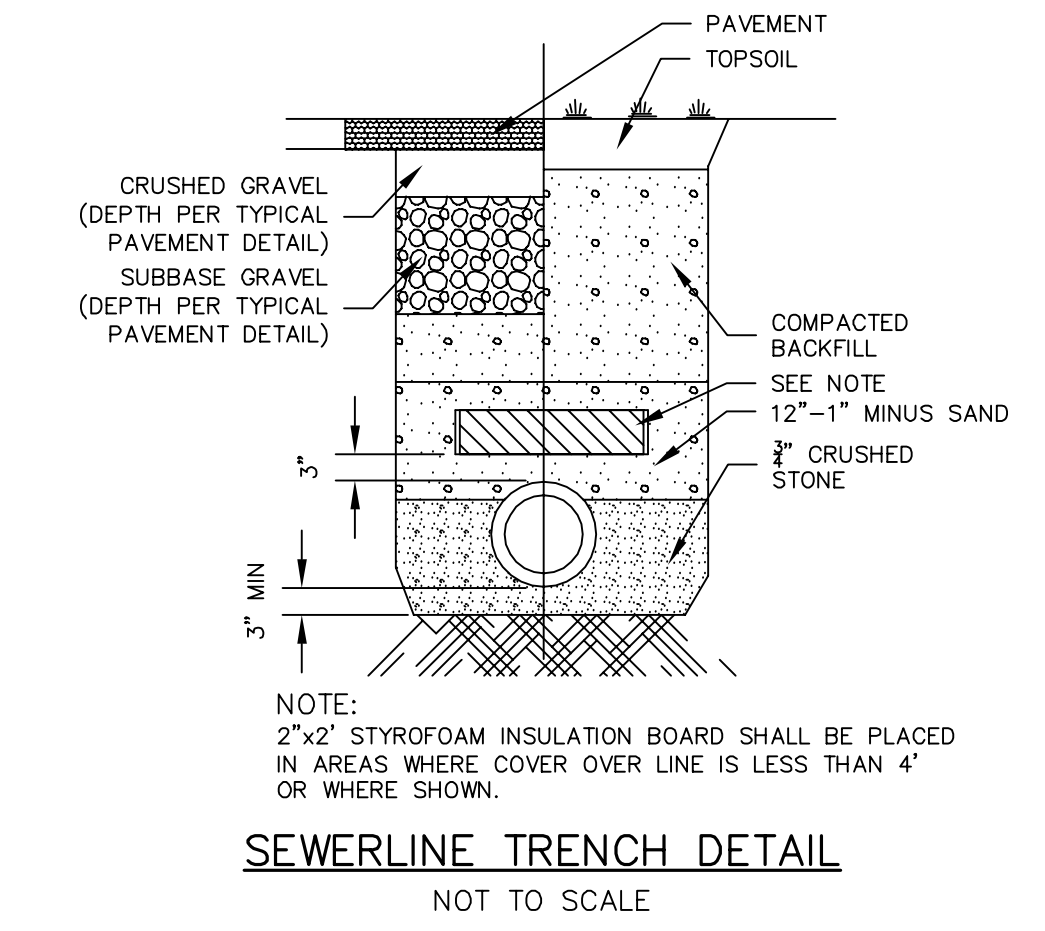
SHEET NUMBER  
**53**  
OF 53

WIN 017852.00

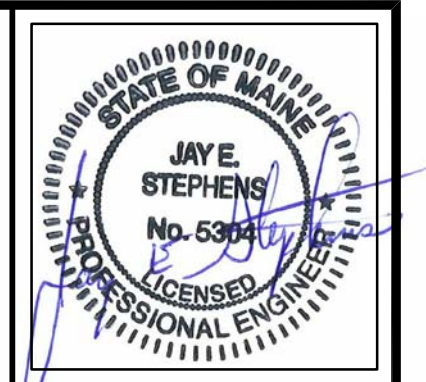
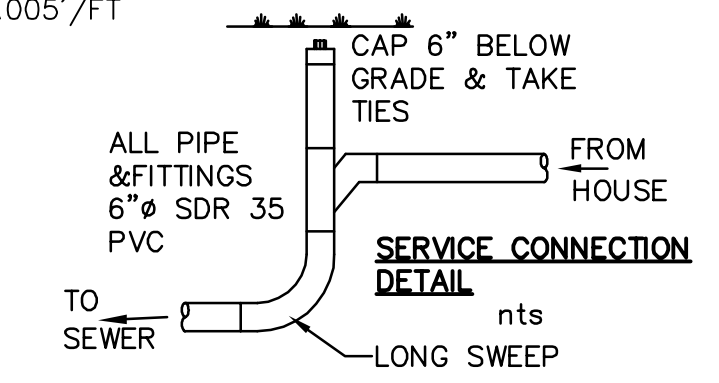


- NOTES:
1. CONCRETE: 4,000 PSI AFTER 28 DAYS.
  2. REINFORCING: H-20 LOADING 4 X 4/4 X 4 W.W.M.
  3. SHIPLAP JOINTS SEALED WITH 1 STRIP OF 1" DIA. BUTYL RUBBER SEALANT.
  4. EXTERIOR ASPHALT COATED. (SANITARY MANHOLES ONLY)
  5. LOCK JOINT FLEXIBLE PIPE SLEEVES, CAST IN.
  6. EACH CASTING TO HAVE LIFTING HOLES CAST IN.
  7. MANHOLE STEPS @ 12" O.C. (WHEN REQUIRED)
  8. PROVIDE 2" LIP AT TOP OF CONE TO ACCOMMODATE VACUUM TESTING. (SANITARY MANHOLES ONLY)

4' SANITARY MANHOLE  
NOT TO SCALE



- SERVICE CONNECTION & TESTING NOTES:
1. ALL SERVICE CONNECTION LATERALS TO BE TESTED WITH MAIN PRIOR TO BEING PUT INTO SERVICE. CONNECTIONS TO BE INSTALLED AS DETAILED THIS SHEET & AIR TESTED BY INSERTING AN AIR BALL DOWN THE PIPE TO BELOW THE HOUSE CONNECTION.
  2. ALL SERVICE CONNECTIONS TO BE MADE WITH 6" SDR 35 PVC INSTALLED AT A MINIMUM SLOPE OF 0.005'/FT



CIVIL CONSULTANTS

**CIVIL CONSULTANTS**

Engineers  
Planners  
Surveyors

P.O. Box 100  
South Berwick  
Maine  
03908  
207-384-2550  
civcon@civcon.com

NO.	REVISIONS	DATE
1		

SOUTH BERWICK SEWER DISTRICT  
SEWER CONSTRUCTION  
ROUTE 236  
SOUTH BERWICK, MAINE  
PREPARED FOR:

MAILING ADDRESS:

**CIVIL CONSULTANTS**

DRAWN JAA GDC CALC. GDC

DATE

CHECKED

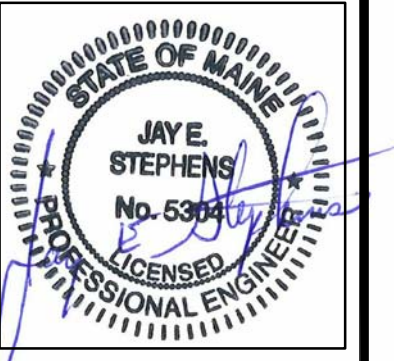
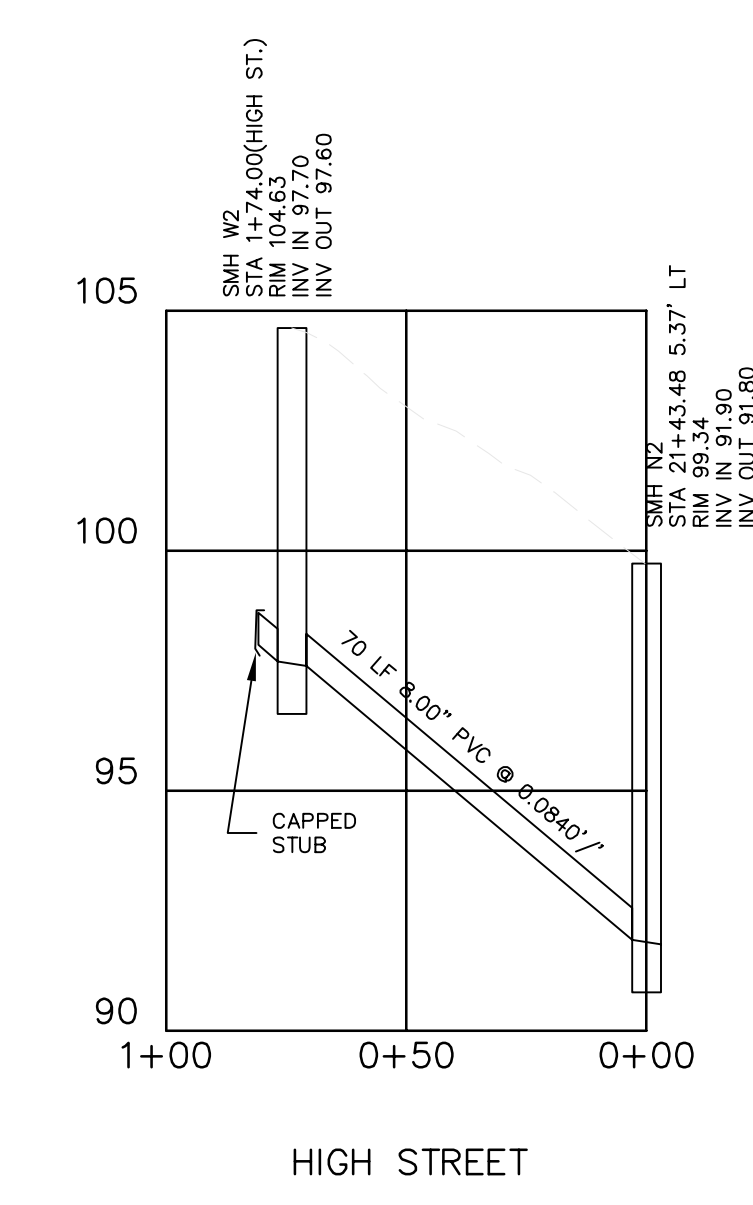
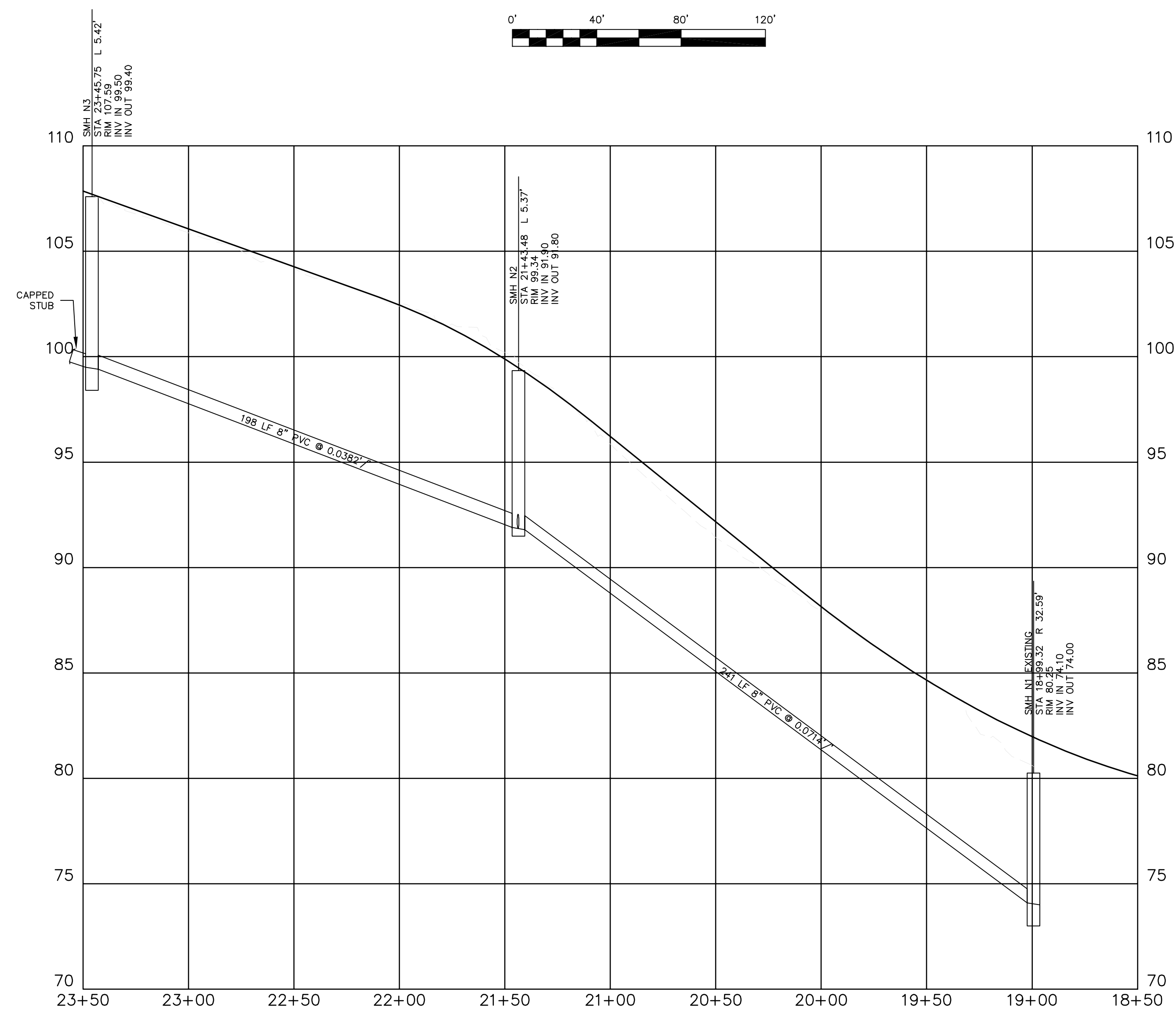
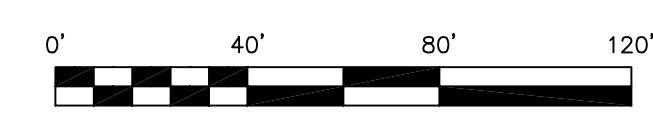
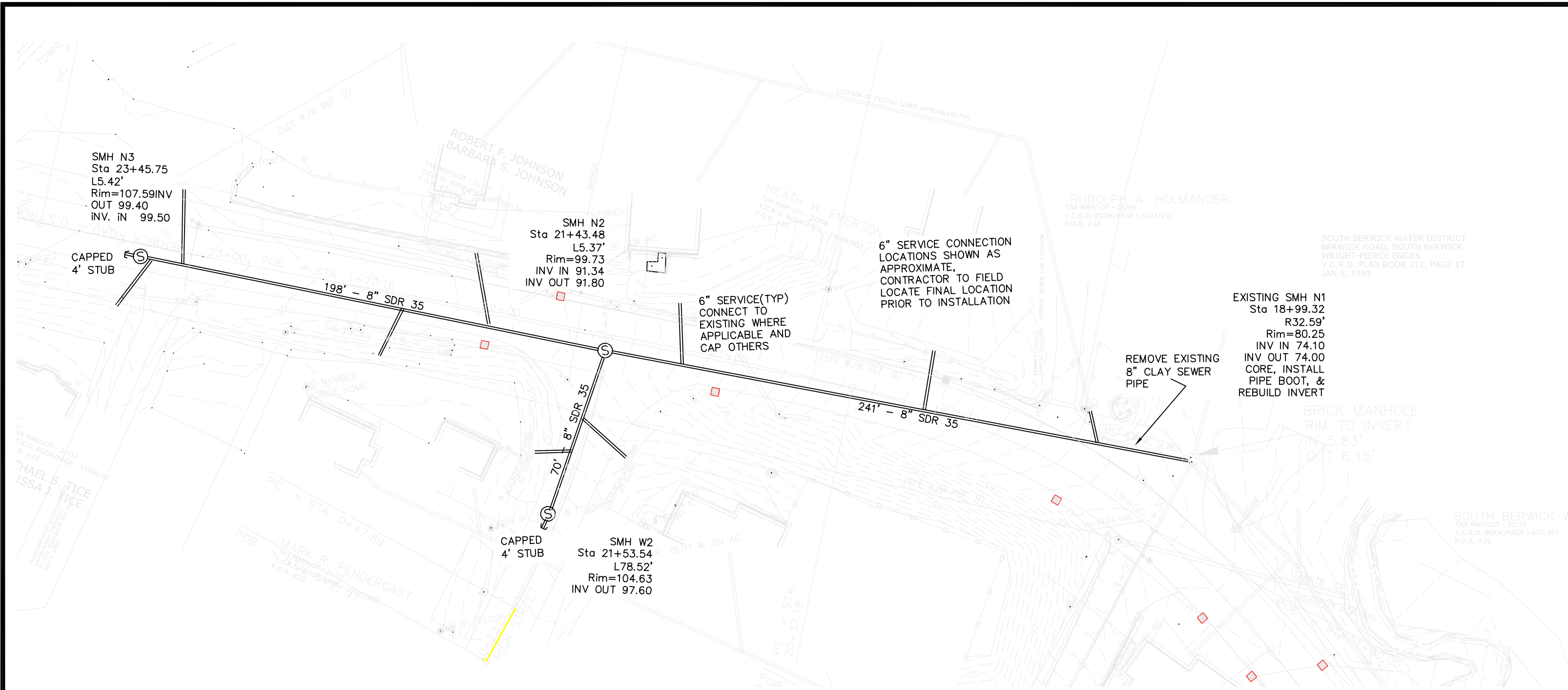
APPROVED

SCALE 1" = 40'

SHEET TITLE:  
•MDOT RTE 236  
SEWER  
RECONSTRUCTION

SHEET NUMBER:  
**S1**

SHEET 1 of 2  
PROJECT #11-099.01



© CIVIL CONSULTANTS

**CIVIL CONSULTANTS**

Engineers  
Planners  
Surveyors

P.O. Box 100  
South Berwick  
Maine  
03908  
207-384-2550  
civcon@civcon.com

NO.	REVISIONS	INT.	DATE
1			

SOUTH BERWICK SEWER DISTRICT  
SEWER CONSTRUCTION  
ROUTE 236  
SOUTH BERWICK, MAINE  
PREPARED FOR:

MAILING ADDRESS:

**CIVIL CONSULTANTS**

DRAWN JAA GDC CALC. GDC

DATE

CHECKED

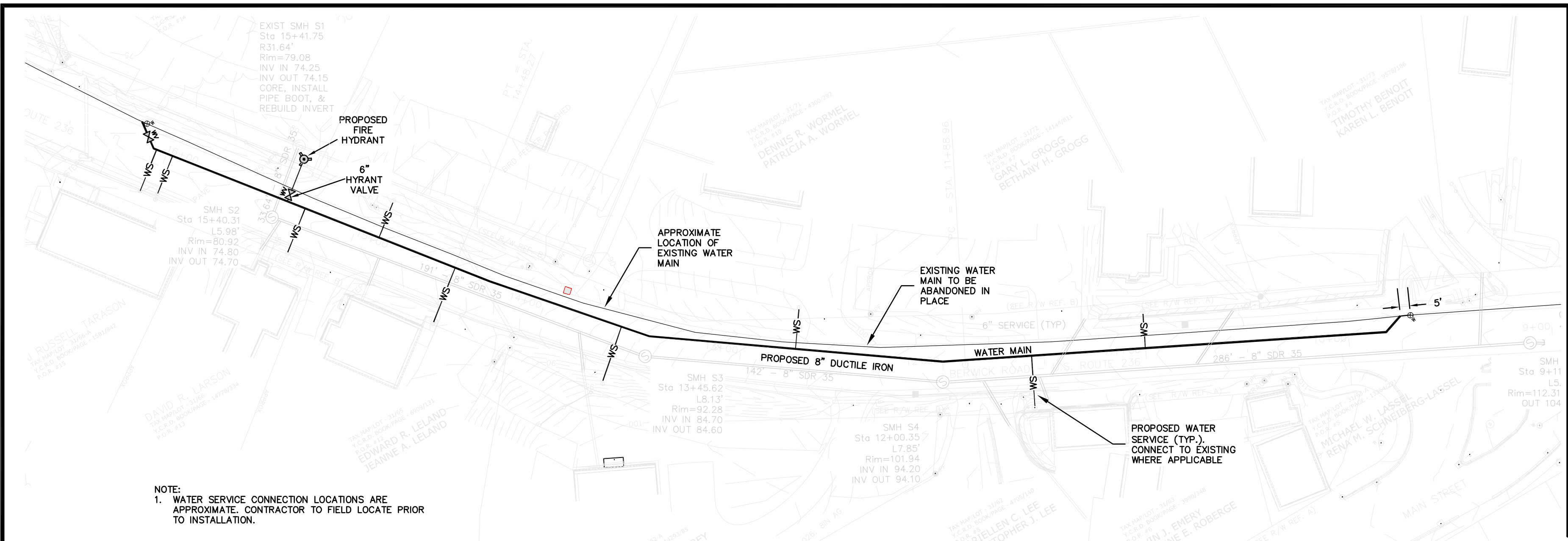
APPROVED

SCALE 1" = 40'

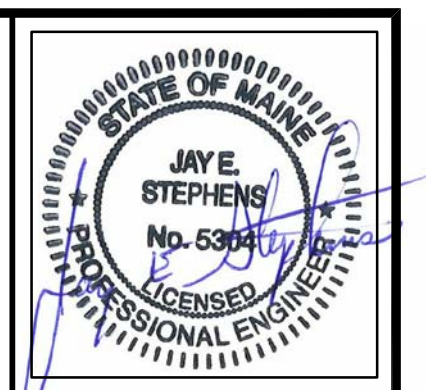
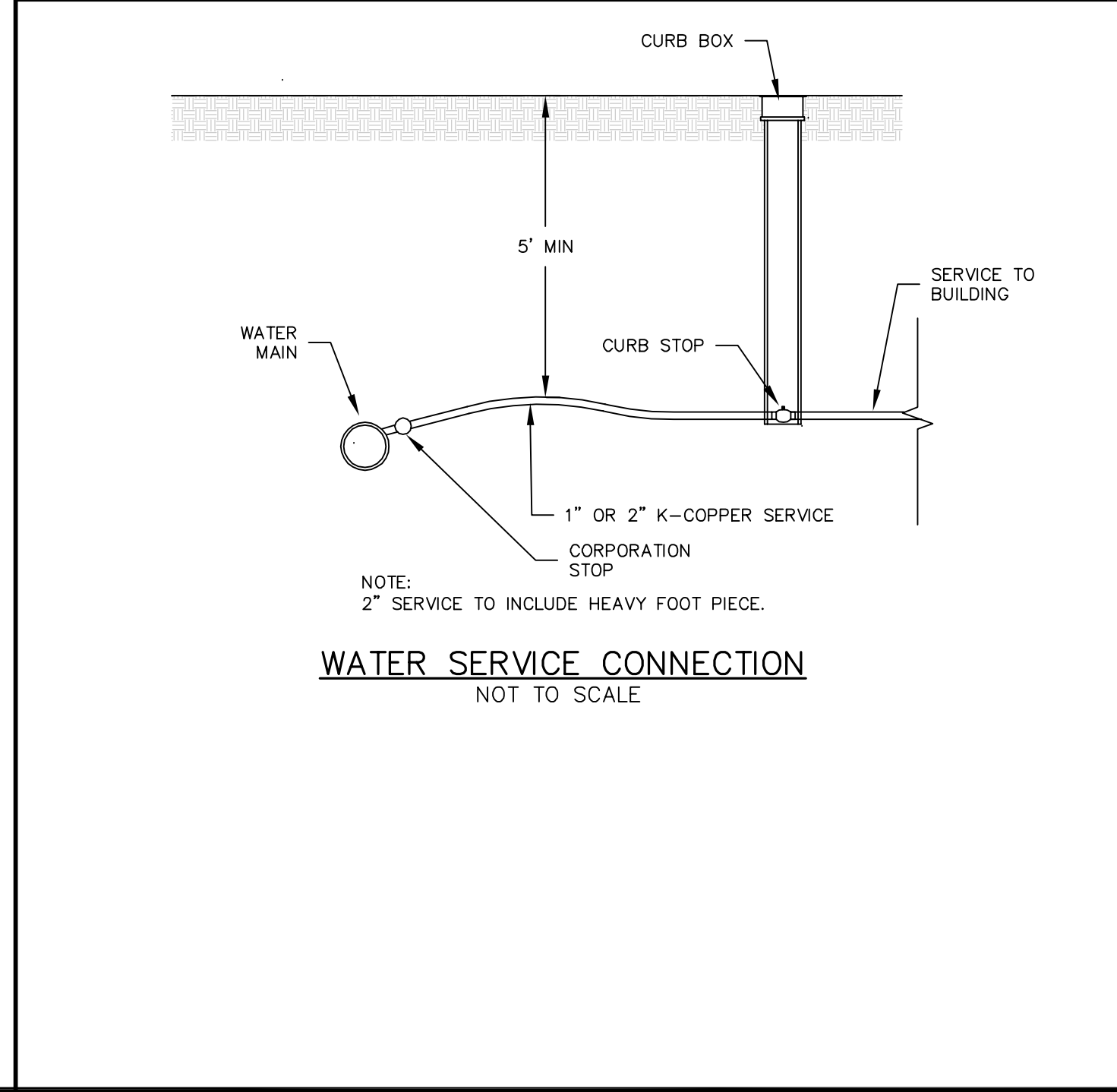
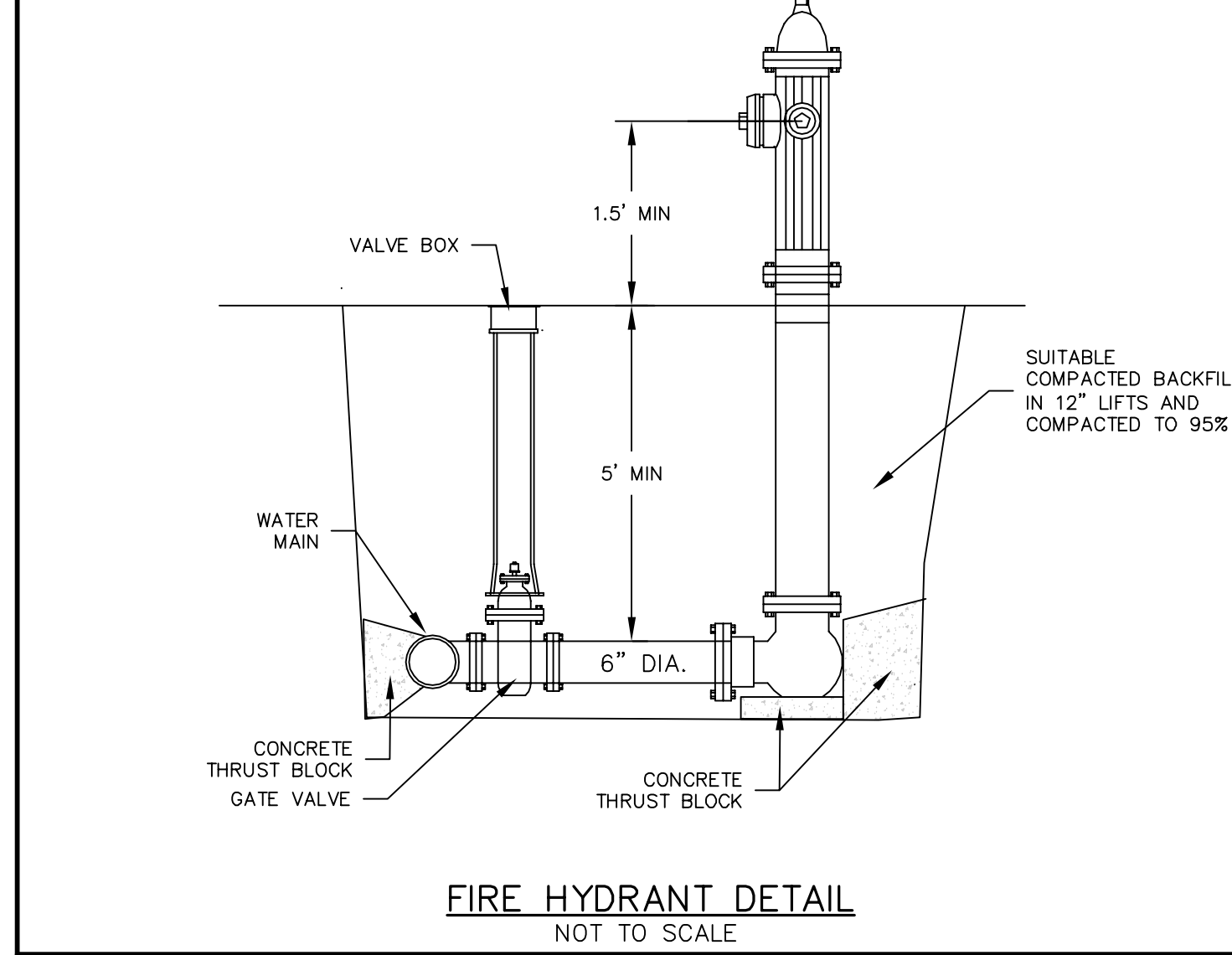
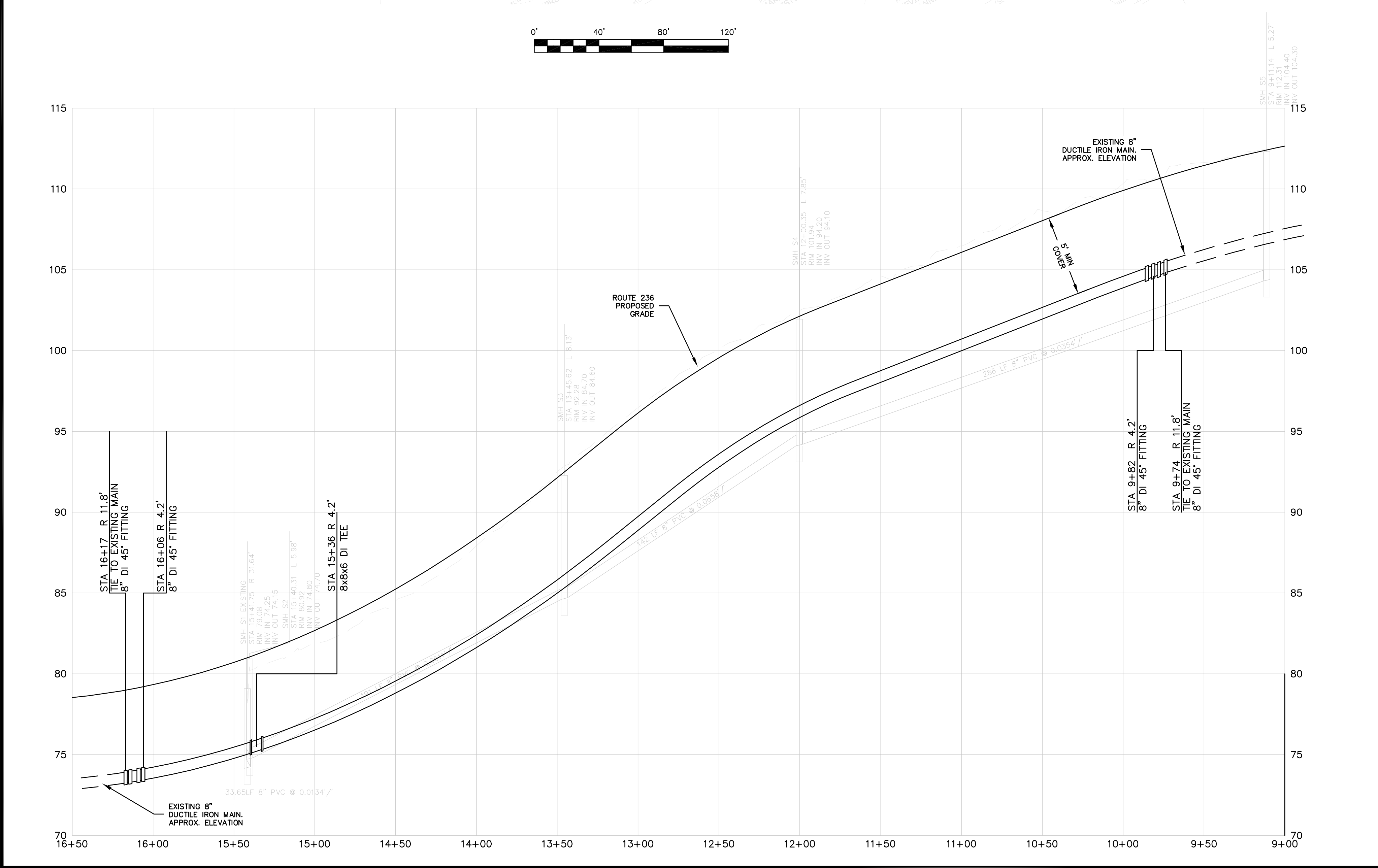
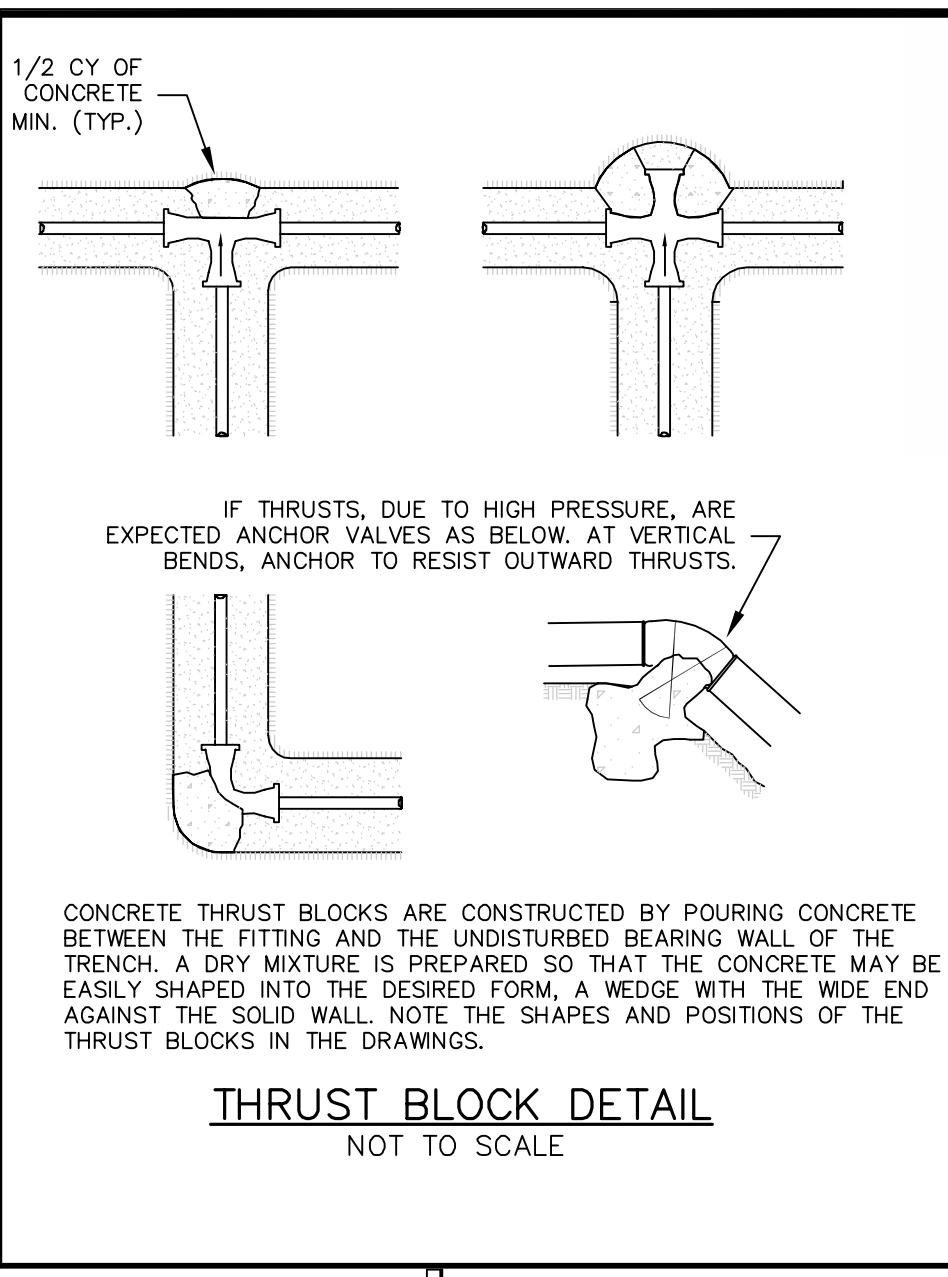
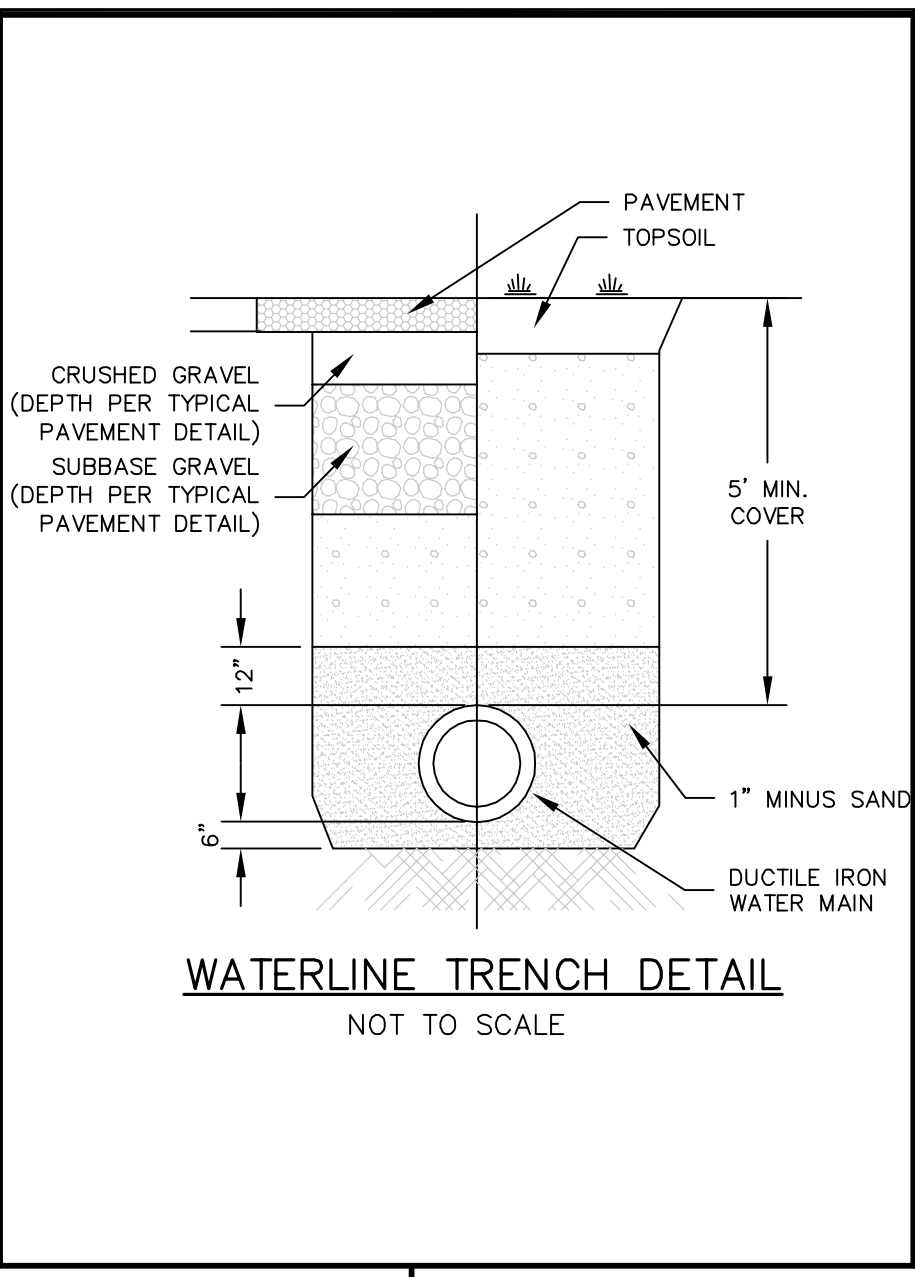
SHEET TITLE:  
•MDOT RTE 236  
SEWER  
RECONSTRUCTION

SHEET NUMBER:  
**S2**

SHEET 2 of 2  
PROJECT #11-099.01



NOTE:  
1. WATER SERVICE CONNECTION LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD LOCATE PRIOR TO INSTALLATION.



**CIVIL CONSULTANTS**  
Engineers  
Planners  
Surveyors  
P.O. Box 100  
South Berwick  
Maine  
03908  
207-384-2550  
civcon@civcon.com

NO.	REVISIONS	INT.	DATE
1			

SOUTH BERWICK WATER DISTRICT  
WATER MAIN RELOCATION  
ROUTE 236  
SOUTH BERWICK, MAINE  
PREPARED FOR:  
MAILING ADDRESS:

**CIVIL CONSULTANTS**  
DRAWN JAA GDC CALC.  
DATE 25 SEPTEMBER 2012  
CHECKED  
APPROVED  
SCALE 1" = 40'  
SHEET TITLE:  
•MDOT RTE 236  
WATER  
RELOCATION  
SHEET NUMBER:  
**C1**  
SHEET C1 of C1  
PROJECT #11-099.01