STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

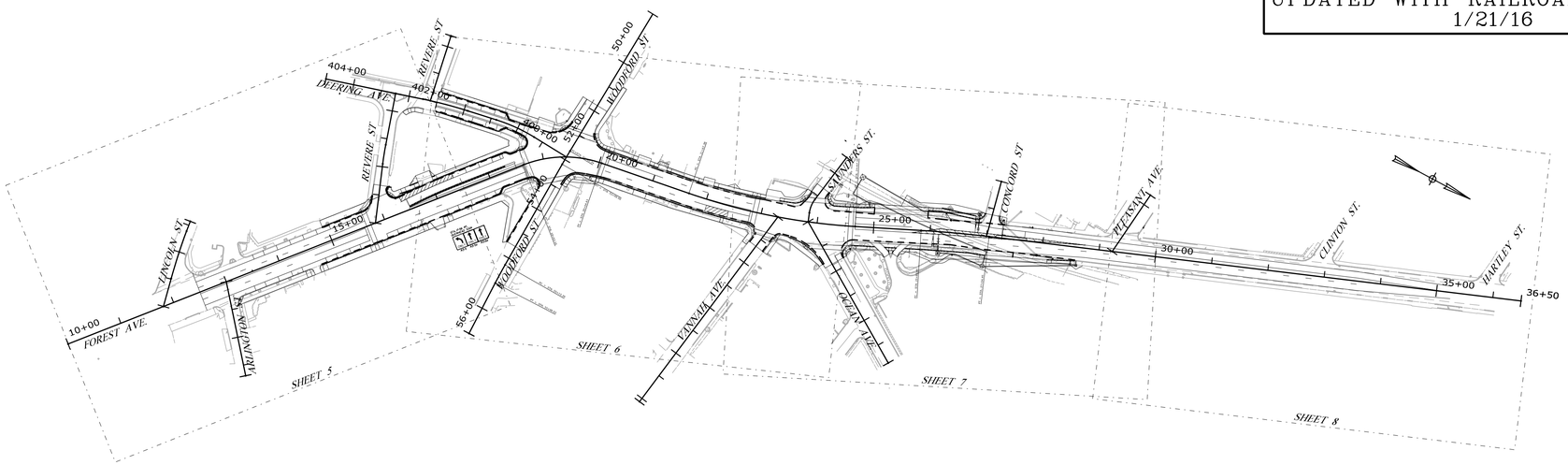
Town, County, State
Property Lines
R/W Lines-Existing
R/W Lines-Proposed
Culvert-Existing
Culvert Proposed
Curbing — Existing — Proposed
Type 1
Type 3
Type 5
Outline of Bodies of Water
Ledge
Buildings
Trees — Conifer — Deciduous
Tree Line
Clearing Limit Line
Centerline-Existing
Centerline-Proposed
Travelway-Existing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

PORTLAND
CUMBERLAND COUNTY
FOREST AVENUE (ROUTE 302)
FEDERAL WIN STP-2054(300)
PROJECT LENGTH : 0.430 MILES

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2-3
Special Wall Detail	4
Plan Sheets	5-8
Geometric and Curb Layout	9-11
Cross - Sections	12-27

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16



TRAFFIC DATA

Current (XXXX) AADT	X
Future (20XX) AADT	X
DHV - % of AADT	X
Design Hour Volume	X
% Heavy Trucks (AADT)	X
% Heavy Trucks (DHV)	X
Directional Distribution (DHV)	X
18 kip Equivalent P 2.0	X
18 kip Equivalent P 2.5	X
Design Speed (mph)	X
Functional Class:	X

LAYOUT SCALE
1500 0 1500 3000
Scale in Feet

PROJECT LOCATION:	BEGINNING AT LINCOLN STREET CONTINUING NORTH ALONG FOREST AVENUE FOR 0.430 MILES TO APPROXIMATELY 50 FEET SOUTH OF HARTLEY STREET.
PROGRAM AREA:	MULTIMODAL
SCOPE OF WORK:	PEDESTRIAN/BICYCLE/ROADWAY IMPROVEMENTS

WIN 20543.00 FEDERAL WIN STP-2054(300)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED — DATE
COMMISSIONER:
CHIEF ENGINEER:

SIGNATURE
P.E. NUMBER
DATE

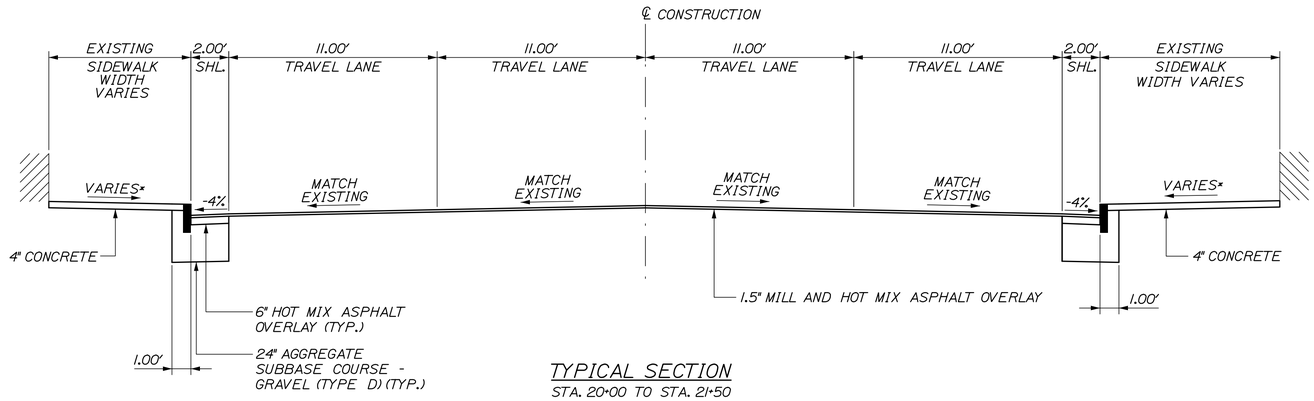
PROJECT INFORMATION

PROGRAM	MULTIMODAL
PROJECT MANAGER	AURELE GORNEAU, II
DESIGNER	DALE MITCHELL P.E.
CONSULTANT	HNTB
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

PORTLAND
FOREST AVENUE
TITLE SHEET

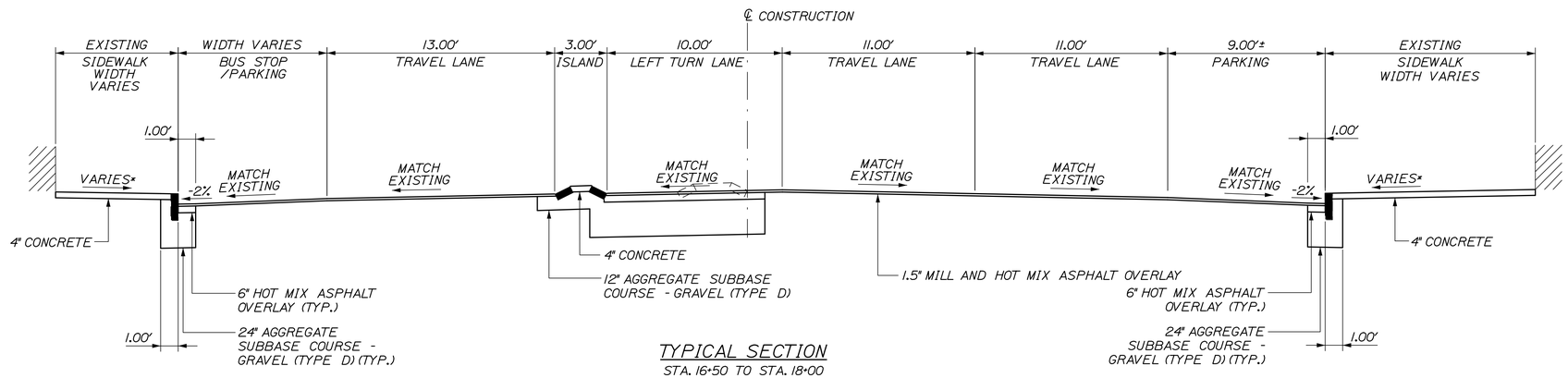
SHEET NUMBER
1
OF 27

Date:1/22/2016 Username: Division: Filename: 001_Title.dgn

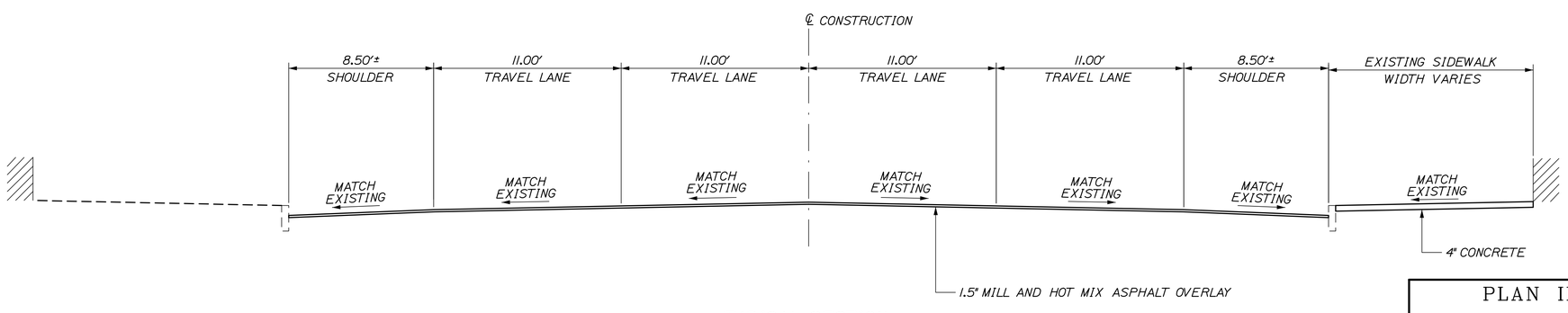


TYPICAL SECTION
STA. 20+00 TO STA. 21+50

NOTES:
- SIDEWALK CROSS SLOPE SHOULD BE ≤ 2% AS SHOWN ON CROSS SECTIONS OR AS DIRECTED BY RESIDENT.
- CURB REVEAL VARIES FOR SIDEWALK CROSS SLOPE SHOWN ON CROSS SECTIONS.



TYPICAL SECTION
STA. 16+50 TO STA. 18+00



TYPICAL SECTION
STA. 12+50 TO STA. 14+92.75

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN 20543.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	AURELE GORNEAULT		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12/19/14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		-
REVISIONS 2	-		-
REVISIONS 3	-		-
REVISIONS 4	-		-
FIELD CHANGES	-		-

SIGNATURE

P.E. NUMBER

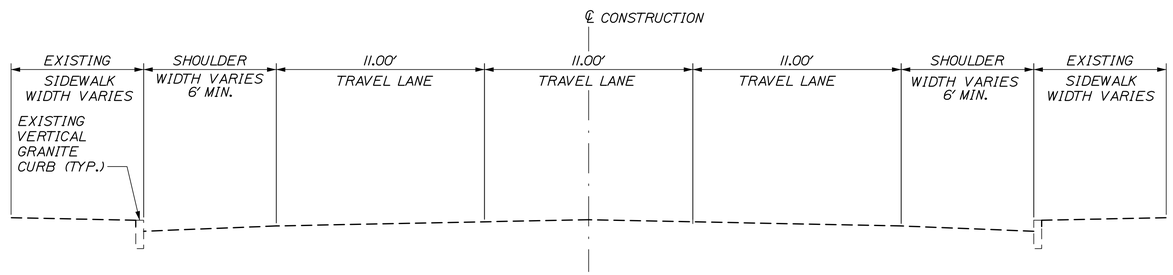
DATE

PORTLAND
FOREST AVENUE

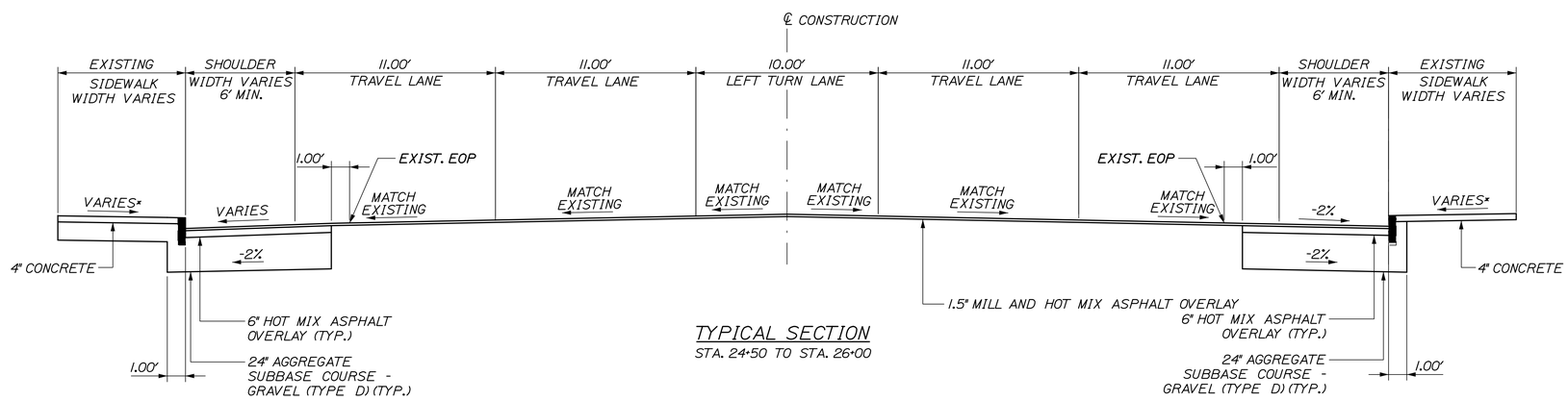
TYPICAL SECTIONS

SHEET NUMBER
2
OF 27

Filename: 002_Typical_01.dgn Division: Username: Date:1/22/2016



TYPICAL SECTION
STA. 28+50 TO STA. 33+50
STRIPING ONLY



TYPICAL SECTION
STA. 24+50 TO STA. 26+00

NOTES:
- SIDEWALK CROSS SLOPE SHOULD BE ≤ 2% AS SHOWN ON CROSS SECTIONS OR AS DIRECTED BY RESIDENT.
- CURB REVEAL VARIES FOR SIDEWALK CROSS SLOPE SHOWN ON CROSS SECTIONS.

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN
20543.00

HIGHWAY PLANS

PROJ. MANAGER	AMBELE GORNEAU, II	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12\19\14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

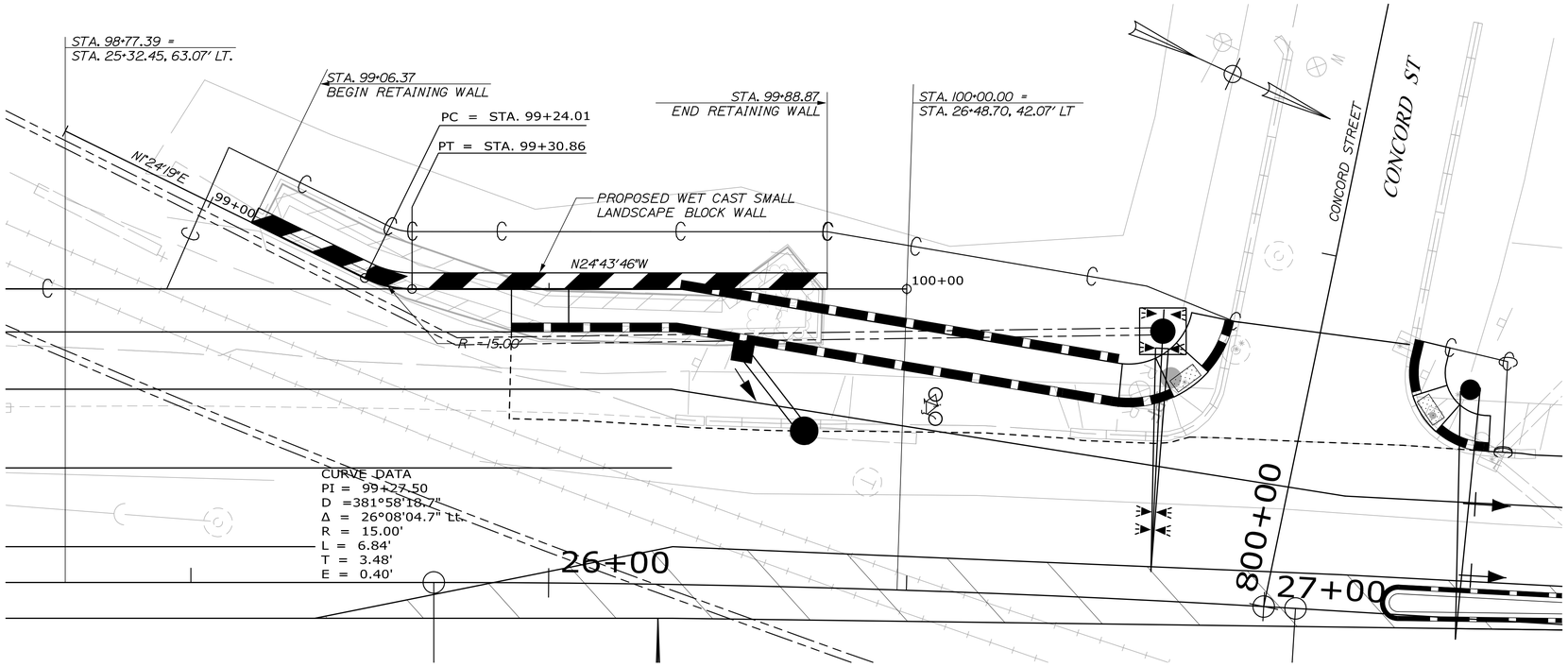
DATE

PORTLAND
FOREST AVENUE

TYPICAL SECTIONS

SHEET NUMBER
3
OF 27

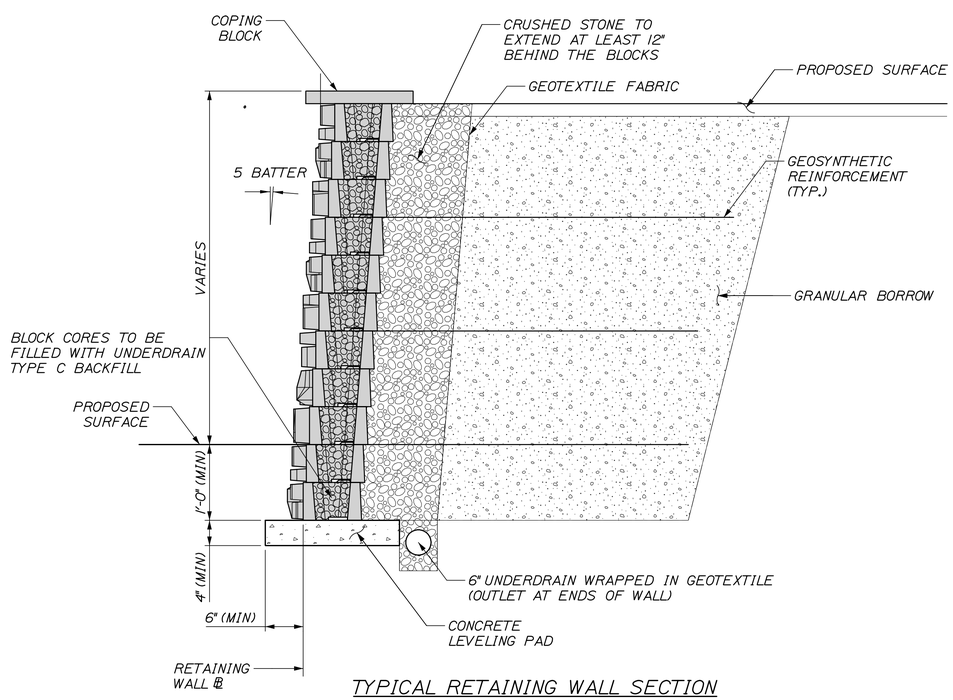
Filename: 003_Typical_02.dgn Division: Username: Date:1/22/2016



PLAN

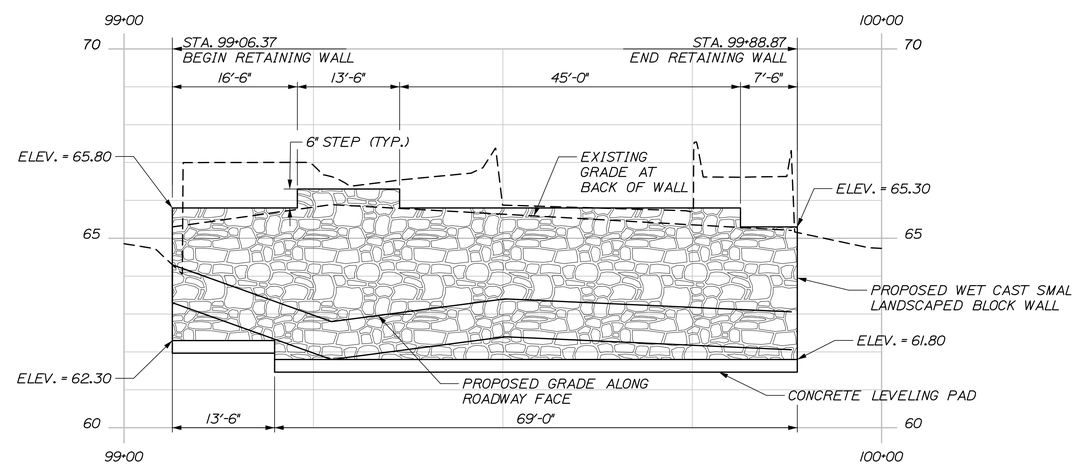
NOTES:

1. THE CONTRACTOR SHALL PROVIDE A WET CAST SMALL LANDSCAPE BLOCK WALL IN ACCORDANCE WITH SPECIAL PROVISION 635. THE WALL DESIGN SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION AND SHALL BE STAMPED BY A LICENSED PROFESSIONAL ENGINEER. THE DESIGN COMPUTATIONS AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE RESIDENT FOR REVIEW. PLAN DETAILS ARE SHOWN FOR ESTIMATING PURPOSES ONLY.
2. BACKFILL AND FOUNDATION SOIL PARAMETERS FOR USE IN THE SUBMITTED DESIGN SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISION 635.
3. THE PROPOSED RETAINING WALL SHALL BE DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7TH EDITION.
4. THE APPLIED FACTORED BEARING PRESSURE FOR THE PROPOSED WALL SHALL NOT EXCEED 0.95 KSF AT THE STRENGTH LIMIT STATE.
5. ALL BLOCKS AT THE ENDS OF THE WALL(S) MUST BE FINISHED ON THREE SIDES: THE FRONT, THE TOP AND THE EXPOSED END. BLOCKS WITH EXPOSED SURFACES AT THE ENDS AND TOP OF THE WALL MUST BE MANUFACTURED FOR THIS PURPOSE AND MUST BE FINISHED TO MATCH THE FACE OF THE BLOCKS.
6. PIPED DRAINAGE SHALL BE INCLUDED IN THE DESIGN OF THE WALLS. WALL DRAINAGE WILL BE INCIDENTAL TO CONSTRUCTION OF THE WALL.
7. A MINIMUM EMBEDMENT DEPTH OF 1 FOOT BELOW EXISTING GRADE IS REQUIRED IN THE DESIGN AND CONSTRUCTION OF THE WET CAST SMALL LANDSCAPE BLOCK WALL, AND DOES NOT INCLUDE THE DEPTH OF THE CONCRETE LEVELING PAD.
8. THE FACE QUANTITY OF THE PROPOSED WALL WILL BE APPROVED BY THE PROJECT ENGINEER.
9. LAYOUT AND WALL STEPS SHOWN ARE BASED ON THE BLOCK SIZE OF 1'-6" LONG AND 6" HIGH.
10. UNDERDRAIN CULVERT WILL TIE INTO CB OR AS ORDERED BY THE RESIDENT.
11. THE MINIMUM LIMIT OF EXCAVATION AND GRANULAR BORROW BACKFILL SHALL BE 1'-0" BEHIND THE REAR FACE OF THE WALL BLOCKS. EXCAVATION AND GRANULAR BORROW BACKFILL IS INCIDENTAL TO THE CONSTRUCTION OF THE WALL.



TYPICAL RETAINING WALL SECTION

(N.T.S.)



ELEVATION

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP 2054(300)

WIN

HIGHWAY PLANS

PROJ. MANAGER	A. GORNE-AU, II	BY	DATE
DESIGN-DETAILED	D.MITHCELL	D.BURGESS	02\27\15
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE
SPECIAL DETAILS
RETAINING WALL NO. 1

SHEET NUMBER

4

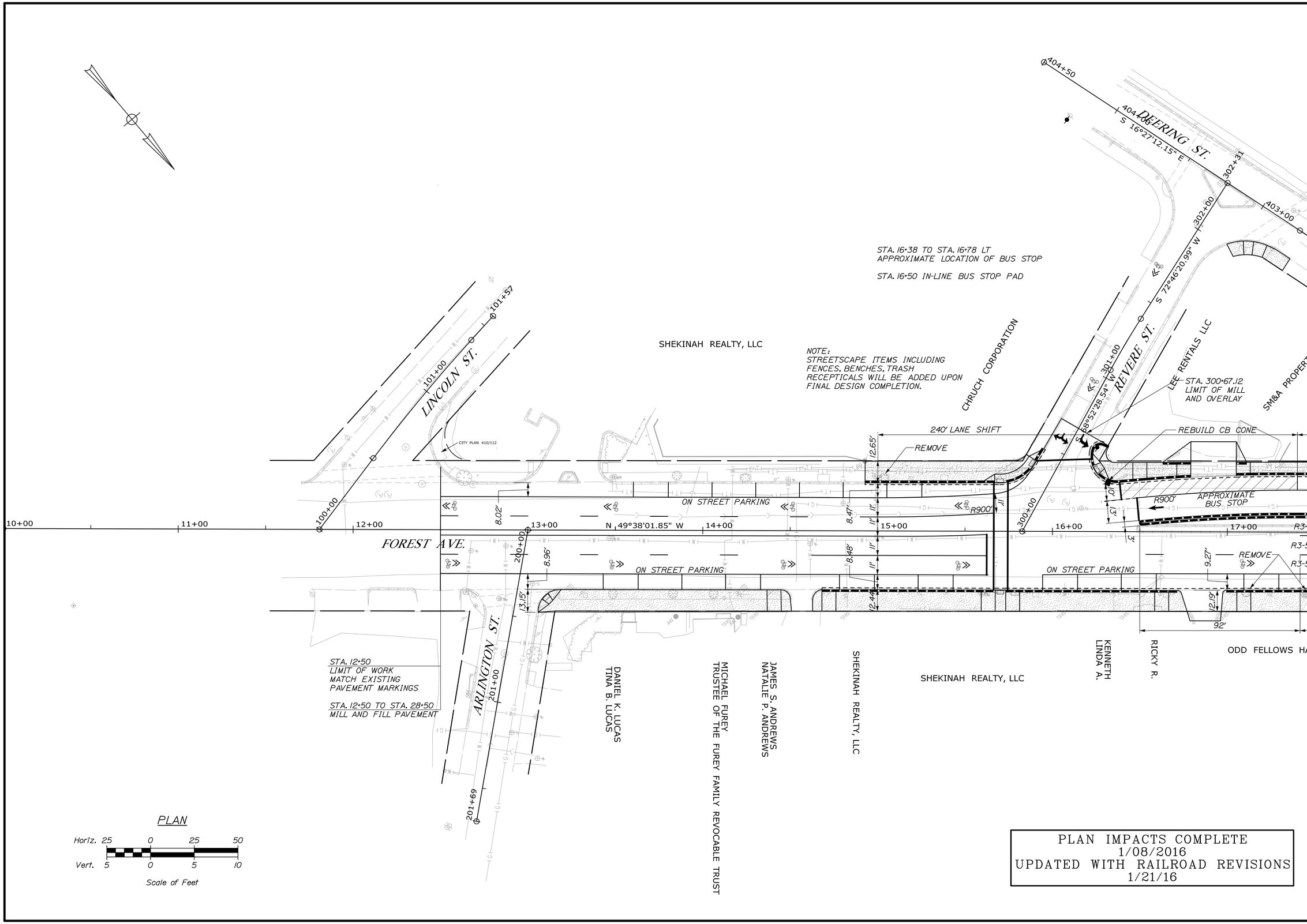
OF 27

Date:1/22/2016

Username:

Division:

Filename: 004_Retaining_Wall-1.dgn



PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN
20543.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER AIRELE CORNEAU, II	D.BURGESS	12/19/14
DESIGN-DETAILED D.MITCHELL	-	-
CHECKED-REVIEWED -	-	-
DESIGN2-DETAILED2 -	-	-
DESIGN3-DETAILED3 -	-	-
REVISIONS 1 -	-	-
REVISIONS 2 -	-	-
REVISIONS 3 -	-	-
REVISIONS 4 -	-	-
FIELD CHANGES -	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

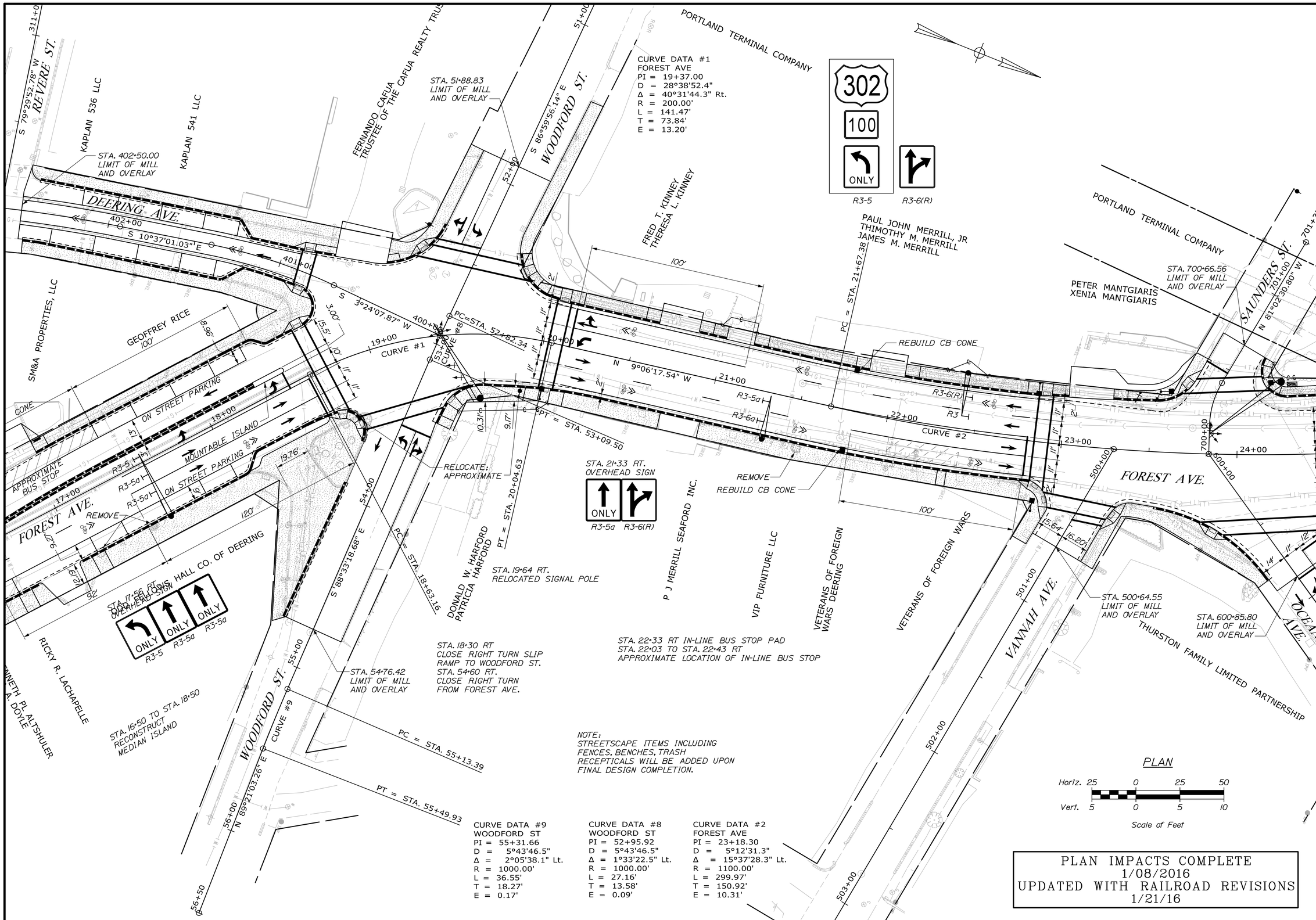
HIGHWAY PLAN

SHEET NUMBER

5

OF 27

Filename: 005_HDPlan_01.dgn Division: Username: Date:1/22/2016



CURVE DATA #9
WOODFORD ST
PI = 55+31.66
D = 5°43'46.5"
Δ = 2°05'38.1" Lt.
R = 1000.00'
L = 36.55'
T = 18.27'
E = 0.17'

CURVE DATA #8
WOODFORD ST
PI = 52+95.92
D = 5°43'46.5"
Δ = 1°33'22.5" Lt.
R = 1000.00'
L = 27.16'
T = 13.58'
E = 0.09'

CURVE DATA #2
FOREST AVE
PI = 23+18.30
D = 5°12'31.3"
Δ = 15°37'28.3" Lt.
R = 1100.00'
L = 299.97'
T = 150.92'
E = 10.31'

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN 20543.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER: ANGELE GORMEAU, II		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS 12/19/14
CHECKED-REVIEWED	-	-
DESIGN2-DETAILED2	-	-
DESIGN3-DETAILED3	-	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

HIGHWAY PLAN

SHEET NUMBER

6

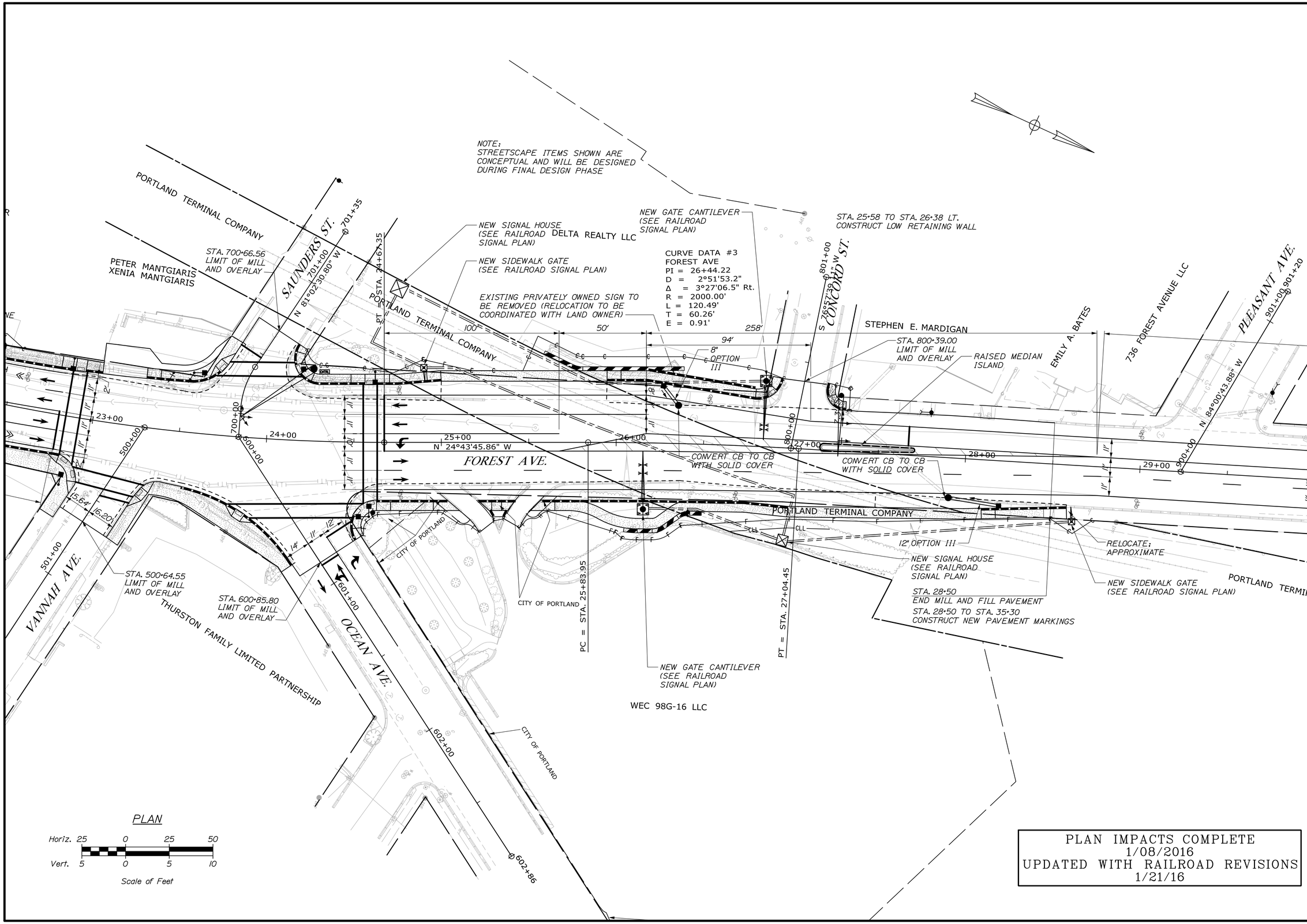
OF 27

Date:1/22/2016

Username:

Division:

Filename: 006_HDPlan_02.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN 20543.00 HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ABELE CORNEAU, II		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12/19/14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND FOREST AVENUE

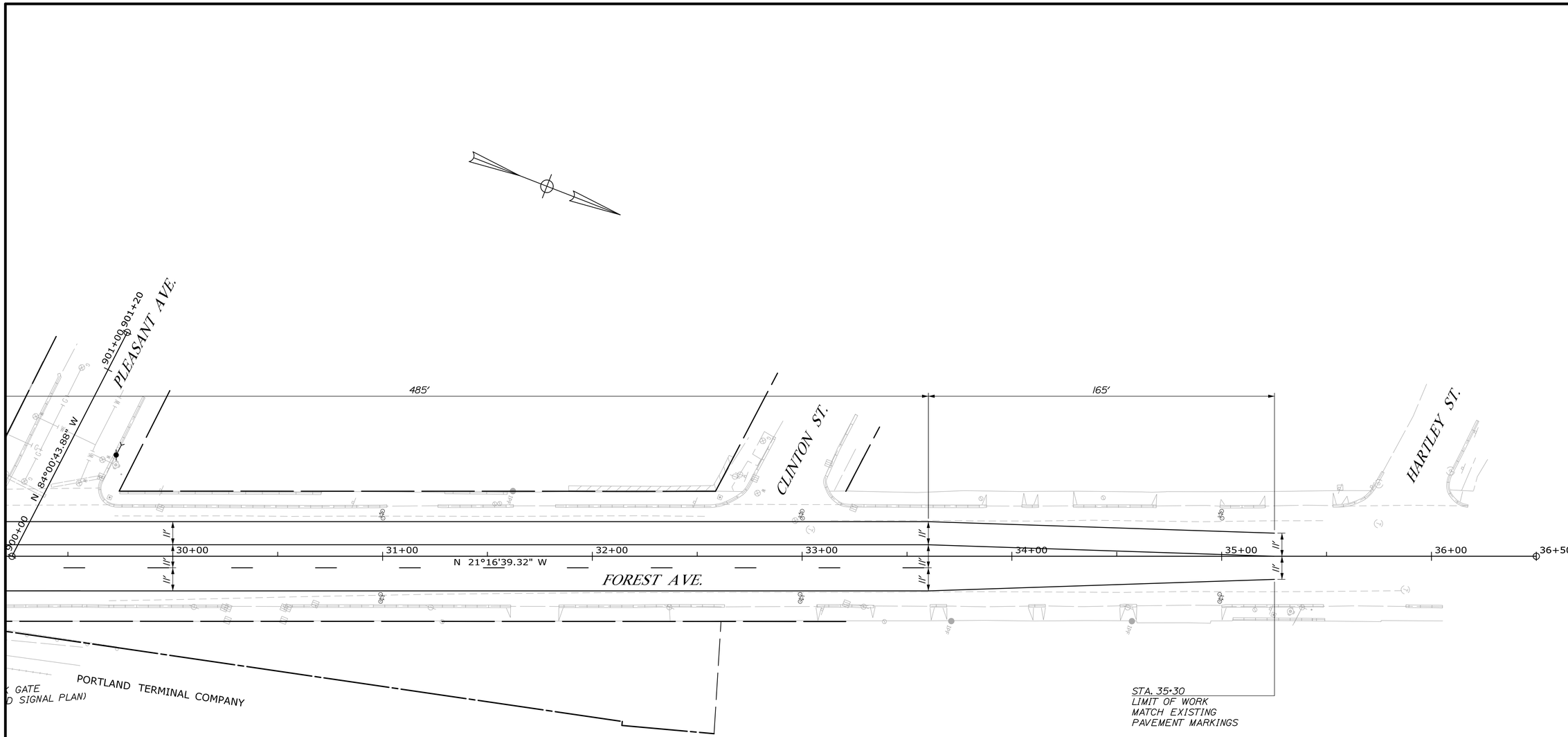
HIGHWAY PLAN

SHEET NUMBER

7

OF 27

Filename: 007_HDPlan_03.dgn Division: Username: Date:1/22/2016



PLAN

Horiz. 25 0 25 50

Vert. 5 0 5 10

Scale of Feet

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN 20543.00

HIGHWAY PLANS

PROJ. MANAGER	AMELE CORMEAU, II	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12\19\14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

HIGHWAY PLAN

SHEET NUMBER

8

OF 27

Filename: 008_HDPlan_04.dgn

Division:

Username:

Date:1/22/2016

CONTROL POINTS FOR CURBING				
POINT	STATION	OFFSET	NORTHING	EASTING
1	14+92.76	27.49 LT	304945.685	1008538.489
2	15+58.89	27.66 LT	304988.390	1008487.990
3	15+66.89	27.68 LT	304993.556	1008481.881
4	15+72.89	27.87 LT	304997.302	1008477.194
5	15+87.33	35.48 LT	305000.848	1008461.265
6	15+90.74	40.40 LT	304999.312	1008455.474
7	15+94.92	47.22 LT	304996.820	1008447.872
8	14+68.25	33.58 RT	304976.349	1008596.718
9	14+76.25	33.58 RT	304981.528	1008590.621
10	15+59.36	33.55 RT	305035.328	1008527.280
11	15+67.36	33.54 RT	305040.507	1008521.182
12	15+73.36	33.54 RT	305044.392	1008516.609
13	15+81.36	33.54 RT	305049.571	1008510.512
14	16+58.55	33.54 RT	305099.566	1008451.696
15	16+66.55	33.52 RT	305104.731	1008445.587
16	16+71.55	33.50 RT	305107.959	1008441.769

ITEM 609.11 VERTICAL CURB TYPE 1

POINT	LENGTH (FT)	RADIUS (FT)
1 TO 2	66.14	-
9 TO 10	83.11	-
13 TO 14	77.19	-

ITEM 609.11 VERTICAL CURB TYPE 1 - FLUSH

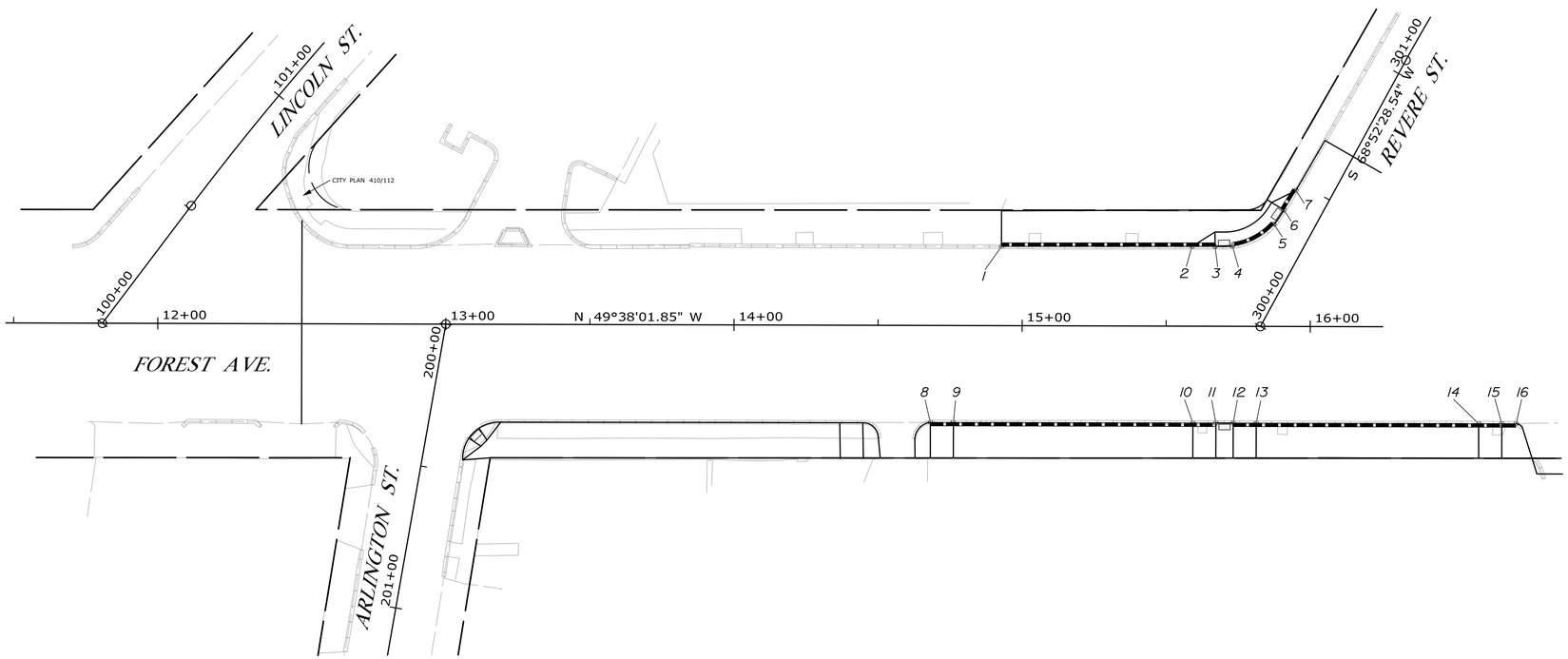
POINT	LENGTH (FT)	RADIUS (FT)
3 TO 4	6.00	-
5 TO 6	6.00	-
11 TO 12	6.00	-
15 TO 16	6.00	-

ITEM 609.238 TERMINAL CURB TYPE 1 - 8 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
2 TO 3	8.00	-
6 TO 7	8.00	-
8 TO 9	8.00	-
10 TO 11	8.00	-
12 TO 13	8.00	-
14 TO 15	8.00	-

ITEM 609.35 CURB TYPE 5 - CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
4 TO 5	16.68	23.00



PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN 20543.00

HIGHWAY PLANS

PROJ. MANAGER	AURELE GORNEAU, II	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12\19\14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

PRELIMINARY HORIZONTAL LAYOUT

SHEET NUMBER
9
OF 27

Filename: 009_Geometry_01.dgn Division: Username: Date:1/22/2016

CONTROL POINTS FOR CURBING						
POINT	STATION	OFFSET		NORTHING	EASTING
173	401+28.44	17.14	RT	305136.480	1008207.643
174	401+19.45	8.31	RT	305146.921	1008215.169
175	400+97.36	10.19	RT	305169.471	1008211.510
176	400+89.71	11.28	RT	305177.361	1008210.185
177	400+84.05	12.50	RT	305183.234	1008208.919
178	400+72.89	15.29	RT	305194.962	1008206.378
179	400+45.00	24.00	RT	305223.631	1008199.297
180	400+38.33	28.40	RT	305230.545	1008195.299
182	52+62.77	34.53	RT	305234.234	1008192.292
183	52+56.53	29.54	RT	305239.545	1008186.327
184	52+51.27	26.67	RT	305242.691	1008181.224
185	52+43.70	24.11	RT	305245.634	1008173.799
186	52+35.85	23.12	RT	305247.038	1008166.011

ITEM 609.34 CURB TYPE 5

POINT	LENGTH (FT)	RADIUS (FT)
135 TO 136	92.00	–
136 TO 137	89.23	887.00
138 TO 139	88.96	884.00
139 TO 140	92.00	–

ITEM 609.35 CURB TYPE 5 – CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
137 TO 138	4.71	1.50

ITEM 609.23 TERMINAL CURB TYPE 1

POINT	LENGTH (FT)	RADIUS (FT)
115 TO 116	6.00	–

ITEM 609.234 TERMINAL CURB TYPE 1 – 4 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
155 TO 156	4.00	–

ITEM 609.11 VERTICAL CURB TYPE 1 – FLUSH

POINT	LENGTH (FT)	RADIUS (FT)
104 TO 105	6.00	15.00
126 TO 127	6.00	–
130 TO 131	6.00	–
141 TO 141A	6.00	–
148 TO 149	6.00	12.00
149 TO 150	9.33	12.00
150 TO 151	6.00	12.00
159 TO 160	6.00	25.00
165 TO 166	6.00	300.00
176 TO 177	5.00	–
177 TO 178	12.00	–
183 TO 184	6.00	40.00
187B TO 187C	6.00	27.75
188 TO 189	6.00	–
204 TO 205	6.00	–
205 TO 206	9.71	–

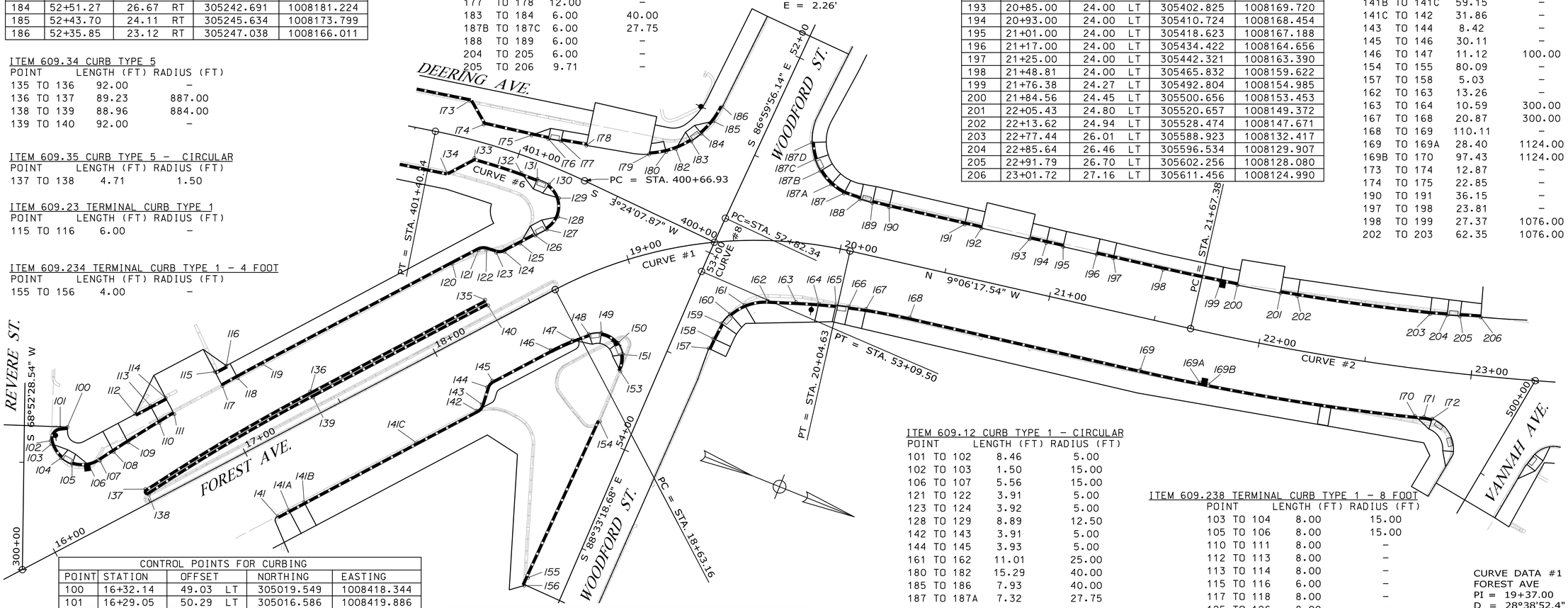
PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

CURVE DATA #6
DEERING AVE.
PI = 401+03.82
D = 19°05'54.9"
Δ = 14°01'08.9" Lt.
R = 300.00'
L = 73.40'
T = 36.89'
E = 2.26'

CONTROL POINTS FOR CURBING						
POINT	STATION	OFFSET		NORTHING	EASTING
187	19+96.90	25.73	LT	305314.611	1008182.276
187A	19+19.11	28.89	LT	305307.512	1008180.568
187B	19+86.06	34.31	LT	305300.547	1008176.690
187C	19+83.41	39.41	LT	305296.207	1008172.564
187D	19+81.54	47.05	LT	305291.983	1008165.802
188	20+03.94	24.58	LT	305322.605	1008181.988
189	20+09.85	24.17	LT	305328.595	1008181.444
190	20+17.85	24.00	LT	305336.519	1008180.346
191	20+54.00	24.00	LT	305372.215	1008174.625
192	20+62.00	24.00	LT	305380.115	1008173.359
193	20+85.00	24.00	LT	305402.825	1008169.720
194	20+93.00	24.00	LT	305410.724	1008168.454
195	21+01.00	24.00	LT	305418.623	1008167.188
196	21+17.00	24.00	LT	305434.422	1008164.656
197	21+25.00	24.00	LT	305442.321	1008163.390
198	21+48.81	24.00	LT	305465.832	1008159.622
199	21+76.38	24.27	LT	305492.804	1008154.985
200	21+84.56	24.45	LT	305500.656	1008153.453
201	22+05.43	24.80	LT	305520.657	1008149.372
202	22+13.62	24.94	LT	305528.474	1008147.671
203	22+77.44	26.01	LT	305588.923	1008132.417
204	22+85.64	26.46	LT	305596.534	1008129.907
205	22+91.79	26.70	LT	305602.256	1008128.080
206	23+01.72	27.16	LT	305611.456	1008124.990

ITEM 609.11 VERTICAL CURB TYPE 1

POINT	LENGTH (FT)	RADIUS (FT)
100 TO 101	3.34	–
107 TO 108	7.61	910.00
108 TO 109	8.00	910.00
109 TO 110	17.16	910.00
118 TO 119	13.34	910.00
120 TO 121	13.73	–
122 TO 123	4.73	–
124 TO 125	8.28	–
132 TO 133	22.90	292.00
133 TO 134	14.40	–
141B TO 141C	59.15	–
141C TO 142	31.86	–
143 TO 144	8.42	–
145 TO 146	30.11	–
146 TO 147	11.12	100.00
154 TO 155	80.09	–
157 TO 158	5.03	–
162 TO 163	13.26	–
163 TO 164	10.59	300.00
167 TO 168	20.87	300.00
168 TO 169	110.11	–
169 TO 169A	28.40	1124.00
169B TO 170	97.43	1124.00
173 TO 174	12.87	–
174 TO 175	22.85	–
190 TO 191	36.15	–
197 TO 198	23.81	–
198 TO 199	27.37	1076.00
202 TO 203	62.35	1076.00



ITEM 609.12 CURB TYPE 1 – CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
101 TO 102	8.46	5.00
102 TO 103	1.50	15.00
106 TO 107	5.56	15.00
121 TO 122	3.91	5.00
123 TO 124	3.92	5.00
128 TO 129	8.89	12.50
142 TO 143	3.91	5.00
144 TO 145	3.93	5.00
161 TO 162	11.01	25.00
180 TO 182	15.29	40.00
185 TO 186	7.93	40.00
187 TO 187A	7.32	27.75

ITEM 609.238 TERMINAL CURB TYPE 1 – 8 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
103 TO 104	8.00	15.00
105 TO 106	8.00	15.00
110 TO 111	8.00	–
112 TO 113	8.00	–
113 TO 114	8.00	–
115 TO 116	6.00	–
117 TO 118	8.00	–
125 TO 126	8.00	–
127 TO 128	8.00	12.50
129 TO 130	8.00	12.50
131 TO 132	8.00	292.00
141A TO 141B	8.00	–
147 TO 148	8.00	–
151 TO 153	8.00	12.00
158 TO 159	8.00	–
160 TO 161	8.00	25.00
164 TO 165	8.00	–
166 TO 167	8.00	–
170 TO 171	4.00	–
171 TO 172	4.00	15.00
175 TO 176	8.00	–
179 TO 180	8.00	40.00
182 TO 183	8.00	40.00
184 TO 185	8.00	40.00
187 TO 188	8.00	–
187A TO 187B	8.00	27.75
187C TO 187D	8.00	27.75
189 TO 190	8.00	–
191 TO 192	8.00	–
193 TO 194	8.00	–
194 TO 195	8.00	–
196 TO 197	8.00	–
199 TO 200	8.00	1076.00
201 TO 202	8.00	1076.00
203 TO 204	8.00	–

CURVE DATA #1
FOREST AVE
PI = 19+37.00
D = 28°38'52.4"
Δ = 40°31'44.3" Rt.
R = 200.00'
L = 141.47'
T = 73.84'
E = 13.20'

CURVE DATA #2
FOREST AVE
PI = 23+18.30
D = 5°12'31.3"
Δ = 15°37'28.3" Lt.
R = 1100.00'
L = 299.97'
T = 150.92'
E = 10.31'

CURVE DATA #8
WOODFORD ST
PI = 52+95.92
D = 5°43'46.5"
Δ = 1°33'22.5" Lt.
R = 1000.00'
L = 27.16'
T = 13.58'
E = 0.09'

CONTROL POINTS FOR CURBING						
POINT	STATION	OFFSET		NORTHING	EASTING
100	16+32.14	49.03	LT	305019.549	1008418.344
101	16+29.05	50.29	LT	305016.586	1008419.886
102	16+22.34	46.97	LT	305014.770	1008427.146
103	16+22.02	45.51	LT	305015.677	1008428.338
104	16+22.81	37.64	LT	305022.185	1008432.827
105	16+26.01	32.62	LT	305028.089	1008433.642
106	16+32.81	28.57	LT	305035.569	1008431.084
107	16+38.31	28.10	LT	305039.492	1008427.192
108	16+45.88	28.84	LT	305043.838	1008420.950
109	16+53.88	29.54	LT	305048.483	1008414.401
110	16+71.00	30.81	LT	305058.604	1008400.539
111	16+79.00	31.18	LT	305063.503	1008394.203
112	16+63.00	39.73	LT	305046.619	1008400.850
113	16+71.00	39.73	LT	305051.800	1008394.755
114	16+79.00	39.80	LT	305056.930	1008388.616
115	17+05.00	39.87	LT	305073.717	1008368.761
116	17+11.00	39.87	LT	305077.603	1008364.190
117	17+05.00	32.36	LT	305079.440	1008373.626
118	17+13.00	32.36	LT	305084.621	1008367.531
119	17+26.34	32.69	LT	305093.010	1008357.158
120	18+26.27	32.91	LT	305157.562	1008280.875
121	18+40.00	32.87	LT	305166.489	1008270.438
122	18+43.52	31.40	LT	305169.885	1008268.705
123	18+46.87	28.06	LT	305174.600	1008268.323
124	18+50.40	26.59	LT	305178.006	1008266.577
125	18+58.68	26.59	LT	305183.369	1008260.268
126	18+66.27	26.62	LT	305188.551	1008254.172
127	18+71.56	26.79	LT	305192.437	1008249.601
128	18+77.84	30.02	LT	305195.055	1008242.181

CONTROL POINTS FOR CURBING						
POINT	STATION	OFFSET		NORTHING	EASTING
129	400+74.64	12.37	LT	305192.194	1008233.959
130	400+81.63	8.34	LT	305185.531	1008229.781
131	400+87.77	8.00	LT	305179.560	1008229.437
132	400+96.00	8.00	LT	305171.560	1008229.628
133	401+19.52	8.00	LT	305148.734	1008231.382
134	401+30.71	17.63	LT	305139.417	1008242.361
135	18+32.00	11.00	LT	305177.969	1008290.697
136	17+40.00	11.00	LT	305118.383	1008360.793
137	16+50.92	6.52	LT	305064.103	1008431.573
138	16+51.19	3.53	LT	305066.555	1008433.302
139	17+40.00	8.00	LT	305120.669	1008362.736
140	18+32.00	8.00	LT	305180.255	1008292.640
141	16+99.52	33.32	RT	305125.937	1008420.338
141A	17+05.52	33.31	RT	305129.815	1008415.759
141B	17+13.52	33.30	RT	305134.985	1008409.655
141C	17+72.67	32.99	RT	305173.059	1008364.394
142	18+04.52	32.88	RT	305193.608	1008340.052
143	18+08.04	31.42	RT	305194.771	1008336.423
144	18+14.00	25.46	RT	305194.091	1008328.032
145	18+17.53	24.00	RT	305195.265	1008324.389
146	18+48.30	24.00	RT	305215.194	1008300.944
147	18+59.40	24.60	RT	305222.843	1008292.875
148	18+67.95	25.58	RT	305228.768	1008287.499
149	18+74.41	27.56	RT	305234.016	1008284.721
150	18+80.71	34.94	RT	305243.006	1008286.096

CONTROL POINTS FOR CURBING						
POINT	STATION	OFFSET		NORTHING	EASTING
151	53+59.51	18.20	RT	305247.183	1008290.316
153	53+67.17	16.35	RT	305248.840	1008298.021
154	53+92.44	15.88	RT	305248.672	1008323.302
155	54+72.51	17.71	RT	305244.824	1008403.298
156	54+76.51	17.80	RT	305244.632	1008407.294
157	53+41.06	17.30	LT	305283.136	1008272.768
158	53+36.03	17.46	LT	305283.427	1008267.742
159	53+28.06	18.10	LT	305284.269	1008259.800
160	53+22.40	20.03	LT	305286.338	1008254.183
161	53+15.86	24.58	LT	305291.050	1008247.760
162	19+66.85	28.07	RT	305300.315	1008241.981
163	19+82.26	27.70	RT	305312.825	1008237.590
164	19+94.48	26.85	RT	305322.880	1008234.259
165	20+03.73	26.03	RT	305330.614	1008231.962
166	20+09.85	25.39	RT	305336.437	1008230.380
167	20+17.85	24.73	RT	305344.231	1008228.457
168	20+38.70	24.00	RT	305364.702	1008224.442
169	21+48.81	24.00	RT	305473.428	1008207.017
169A	21+77.00	23.68	RT	305501.410	1008202.169
169B	21+80.92	23.62	RT	305505.341	1008201.430
170	22+76.52	22.01	RT	305600.310	1008179.080
171	22+80.48	21.94	RT	305604.198	1008177.976
172	22+84.37	22.31	RT	305608.124	1008177.301

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN 20543.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	AMBELE GORNEAU, II		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12/19/14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

GEOMETRIC CURB LAYOUT

SHEET NUMBER

10

OF 27

Date:1/22/2016

Username:

Division:

Filename: 010_Geometry_02.dgn

ITEM 609.11 VERTICAL CURB TYPE 1

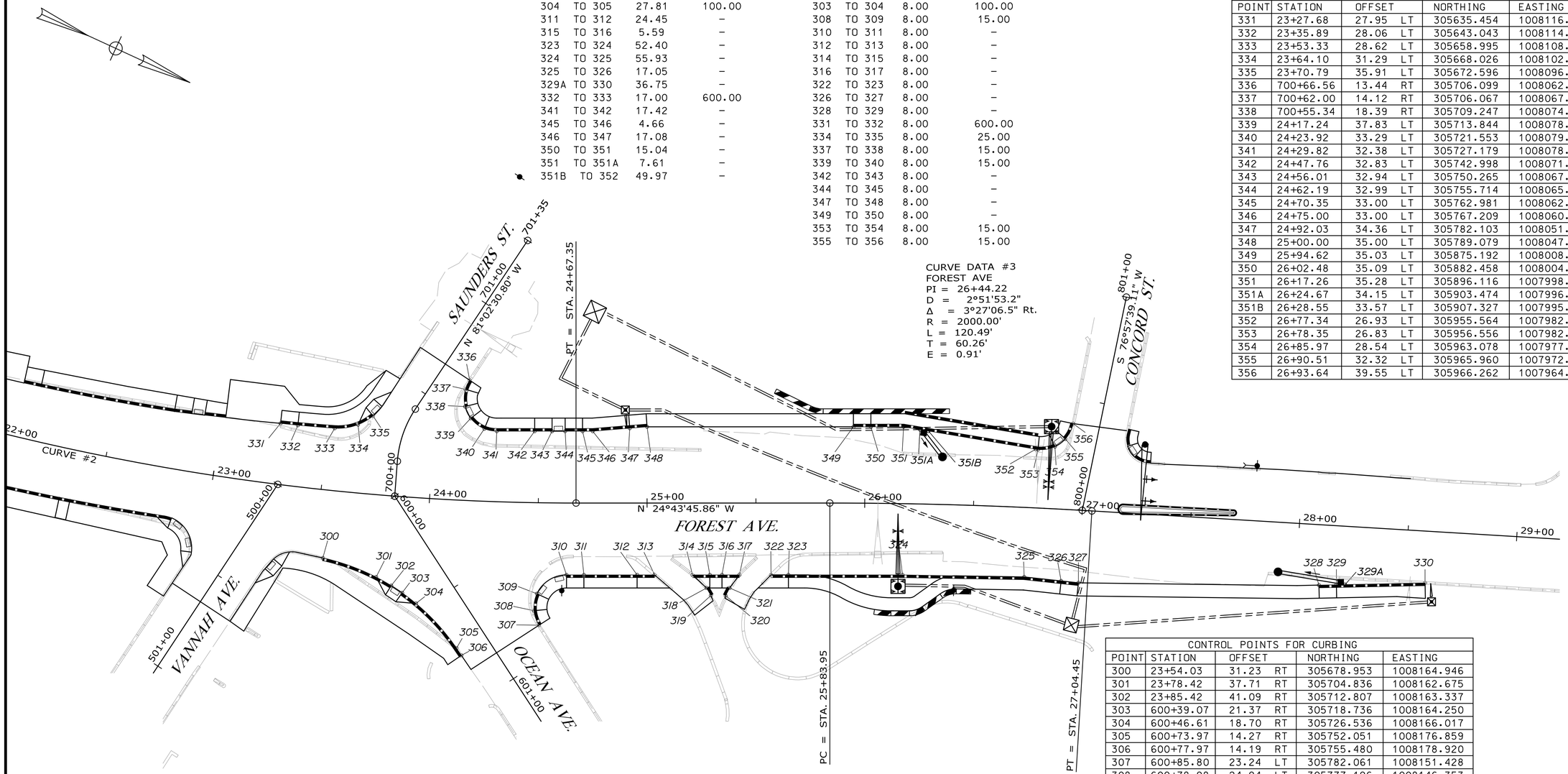
POINT	LENGTH (FT)	RADIUS (FT)
300 TO 301	26.06	100.00
304 TO 305	27.81	100.00
311 TO 312	24.45	-
315 TO 316	5.59	-
323 TO 324	52.40	-
324 TO 325	55.93	-
325 TO 326	17.05	-
329A TO 330	36.75	-
332 TO 333	17.00	600.00
341 TO 342	17.42	-
345 TO 346	4.66	-
346 TO 347	17.08	-
350 TO 351	15.04	-
351 TO 351A	7.61	-
351B TO 352	49.97	-

ITEM 609.238 TERMINAL CURB TYPE 1 - 8 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
301 TO 302	8.00	100.00
303 TO 304	8.00	100.00
308 TO 309	8.00	15.00
310 TO 311	8.00	-
312 TO 313	8.00	-
314 TO 315	8.00	-
316 TO 317	8.00	-
322 TO 323	8.00	-
326 TO 327	8.00	-
328 TO 329	8.00	-
331 TO 332	8.00	600.00
334 TO 335	8.00	25.00
337 TO 338	8.00	15.00
339 TO 340	8.00	15.00
342 TO 343	8.00	-
344 TO 345	8.00	-
347 TO 348	8.00	-
349 TO 350	8.00	-
353 TO 354	8.00	15.00
355 TO 356	8.00	15.00

CONTROL POINTS FOR CURBING

POINT	STATION	OFFSET		NORTHING	EASTING
331	23+27.68	27.95	LT	305635.454	1008116.927
332	23+35.89	28.06	LT	305643.043	1008114.394
333	23+53.33	28.62	LT	305658.995	1008108.518
334	23+64.10	31.29	LT	305668.026	1008102.576
335	23+70.79	35.91	LT	305672.596	1008096.051
336	700+66.56	13.44	RT	305706.099	1008062.589
337	700+62.00	14.12	RT	305706.067	1008067.204
338	700+55.34	18.39	RT	305709.247	1008074.441
339	24+17.24	37.83	LT	305713.844	1008078.235
340	24+23.92	33.29	LT	305721.553	1008079.987
341	24+29.82	32.38	LT	305727.179	1008078.625
342	24+47.76	32.83	LT	305742.998	1008071.339
343	24+56.01	32.94	LT	305750.265	1008067.993
344	24+62.19	32.99	LT	305755.714	1008065.483
345	24+70.35	33.00	LT	305762.981	1008062.136
346	24+75.00	33.00	LT	305767.209	1008060.189
347	24+92.03	34.36	LT	305782.103	1008051.829
348	25+00.00	35.00	LT	305789.079	1008047.914
349	25+94.62	35.03	LT	305875.192	1008008.253
350	26+02.48	35.09	LT	305882.458	1008004.906
351	26+17.26	35.28	LT	305896.116	1007998.616
351A	26+24.67	34.15	LT	305903.474	1007996.628
351B	26+28.55	33.57	LT	305907.327	1007995.587
352	26+77.34	26.93	LT	305955.564	1007982.554
353	26+78.35	26.83	LT	305956.556	1007982.263
354	26+85.97	28.54	LT	305963.078	1007977.792
355	26+90.51	32.32	LT	305965.960	1007972.575
356	26+93.64	39.55	LT	305966.262	1007964.675



ITEM 609.12 CURB TYPE 1 - CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
307 TO 308	7.10	15.00
333 TO 334	10.90	25.00
336 TO 337	4.63	15.00
340 TO 341	5.83	15.00
352 TO 353	1.03	15.00

ITEM 609.11 VERTICAL CURB TYPE 1 - FLUSH

POINT	LENGTH (FT)	RADIUS (FT)
302 TO 303	6.00	100.00
309 TO 310	17.00	15.00
338 TO 339	6.00	15.00
343 TO 344	6.00	-
354 TO 355	6.00	15.00

ITEM 609.234 TERMINAL CURB TYPE 1 - 4 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
305 TO 306	4.00	-
318 TO 319	4.00	-
320 TO 321	4.00	-

CONTROL POINTS FOR CURBING

POINT	STATION	OFFSET		NORTHING	EASTING
300	23+54.03	31.23	RT	305678.953	1008164.946
301	23+78.42	37.71	RT	305704.836	1008162.675
302	23+85.42	41.09	RT	305712.807	1008163.337
303	600+39.07	21.37	RT	305718.736	1008164.250
304	600+46.61	18.70	RT	305726.536	1008166.017
305	600+73.97	14.27	RT	305752.051	1008176.859
306	600+77.97	14.19	RT	305755.480	1008178.920
307	600+85.80	23.24	LT	305782.061	1008151.428
308	600+78.98	24.94	LT	305777.196	1008146.353
309	600+73.18	30.32	LT	305775.155	1008138.715
310	24+63.08	33.01	RT	305783.880	1008125.174
311	24+70.96	33.00	RT	305791.146	1008121.828
312	24+95.41	33.00	RT	305813.355	1008111.599
313	25+03.41	33.00	RT	305820.621	1008108.252
314	25+20.83	33.00	RT	305836.443	1008100.965
315	25+28.83	33.00	RT	305843.710	1008097.618
316	25+34.41	33.00	RT	305848.782	1008095.282
317	25+42.41	33.00	RT	305856.048	1008091.936
318	25+27.32	39.00	RT	305844.847	1008103.700
319	25+29.28	42.48	RT	305848.090	1008106.040
320	25+36.11	42.58	RT	305854.330	1008103.270
321	25+37.91	39.00	RT	305854.468	1008099.269
322	25+56.93	33.00	RT	305869.237	1008085.861
323	25+64.93	33.00	RT	305876.503	1008082.515
324	26+17.88	32.72	RT	305924.096	1008060.599
325	26+74.73	31.91	RT	305975.285	1008038.053
326	26+92.04	32.91	RT	305991.452	1008032.633
327	27+00.16	33.33	RT	305999.038	1008030.091
328	28+10.63	27.73	RT	306099.876	1007984.814
329	28+18.60	27.09	RT	306107.073	1007981.321
329A	28+22.59	26.77	RT	306110.671	1007979.575
330	28+59.22	23.81	RT	306143.735	1007963.528

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 20543.00

WIN 20543.00

HIGHWAY PLANS

PROJ. MANAGER	AMELE GORNEAU, II	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12/19/14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

GEOMETRIC CURB LAYOUT

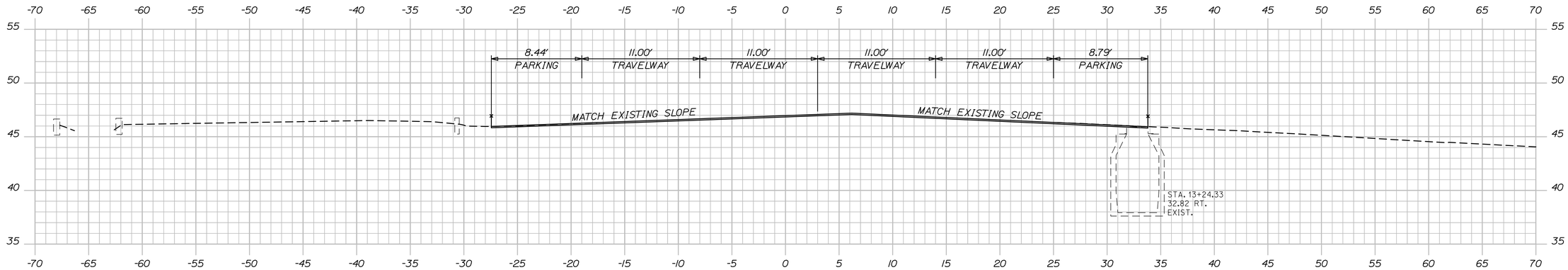
SHEET NUMBER

11

OF 27

Filename: 011_Geometry_03.dgn Division: Username: Date:1/22/2016

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16



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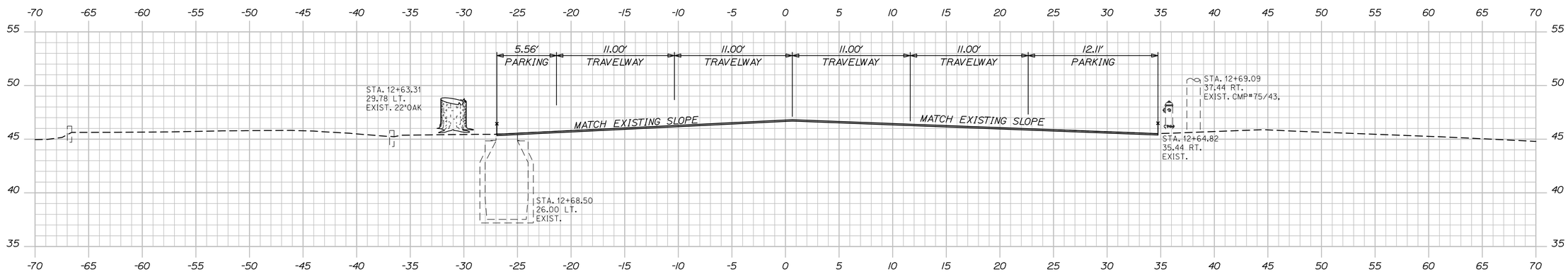

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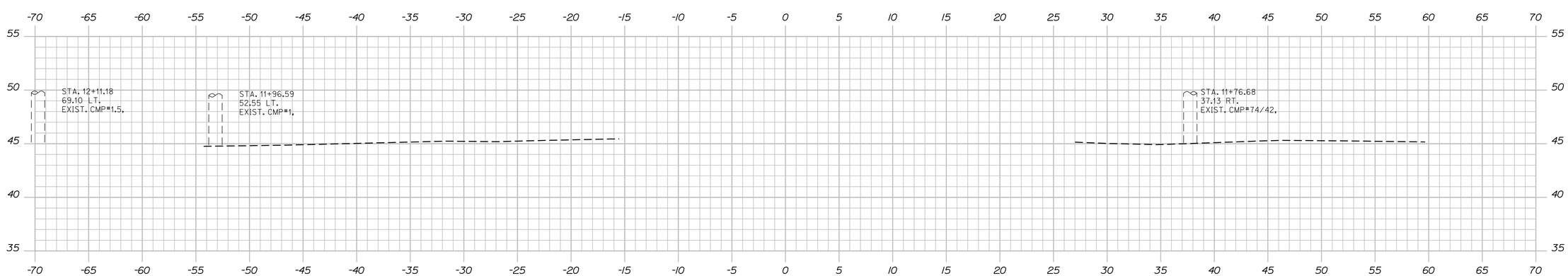


12+00.00

Sta. 12+00.00 to Sta. 13+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ANGELE DORNEAU II		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

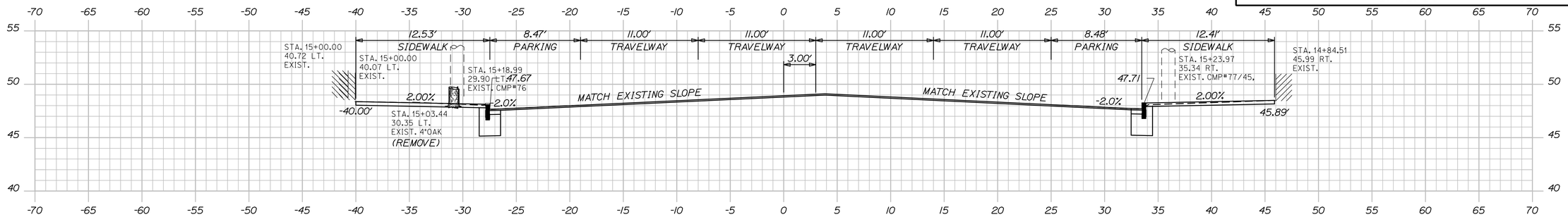
PORTLAND
FOREST AVENUE

CROSS SECTIONS

SHEET NUMBER
12
OF 27

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16



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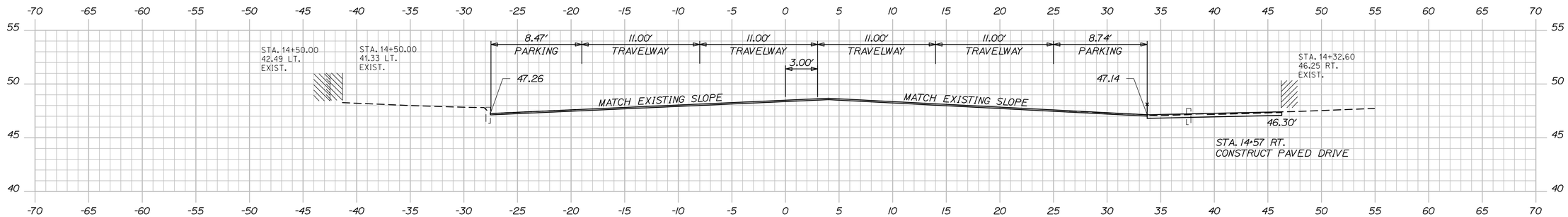

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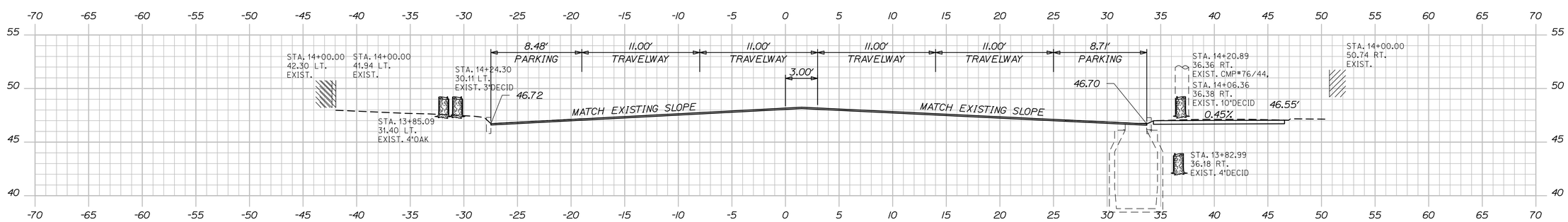

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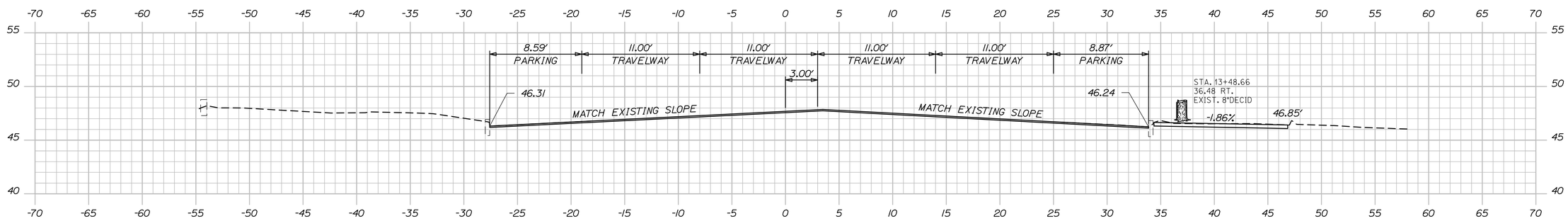


13+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER ANGELE GORMEAU, II		
DESIGN-DETAILED	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-
DESIGN2-DETAILED2	-	-
DESIGN3-DETAILED3	-	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

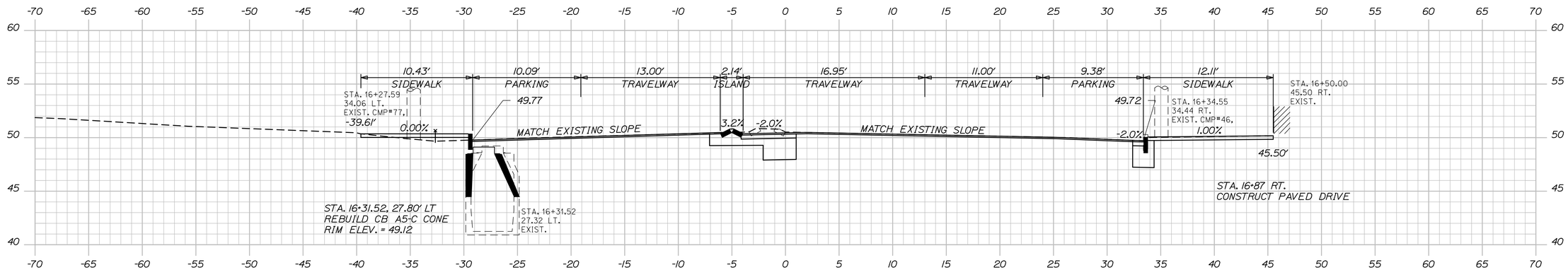
CROSS SECTIONS

SHEET NUMBER
13
OF 27

Sta. 13+50.00 to Sta. 15+00.00

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16



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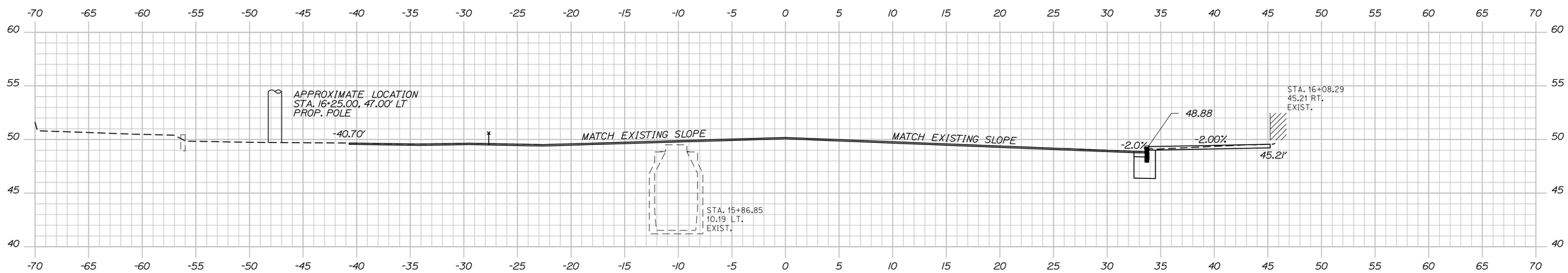

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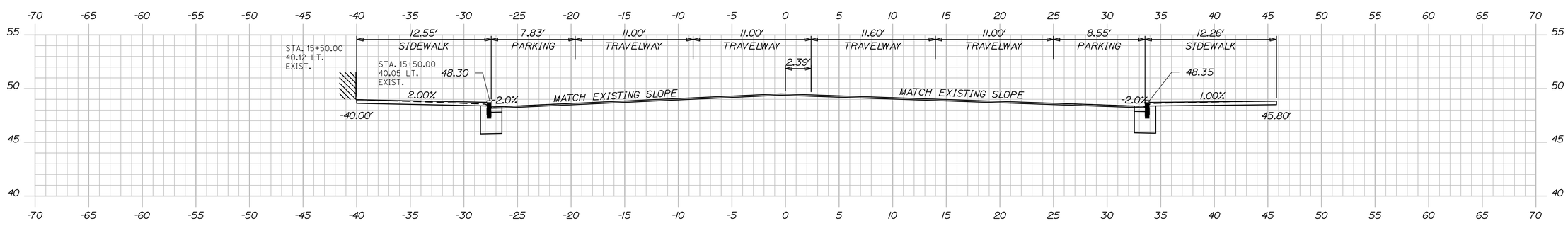


15+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER AURELE GORNEAULT		
DESIGN-DETAILED	D.BURGESS	12-19-14
CHECKED-REVIEWED	D.MITCHELL	-
DESIGN2-DETAILED2	-	-
DESIGN3-DETAILED3	-	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-

SIGNATURE

P.E. NUMBER

DATE

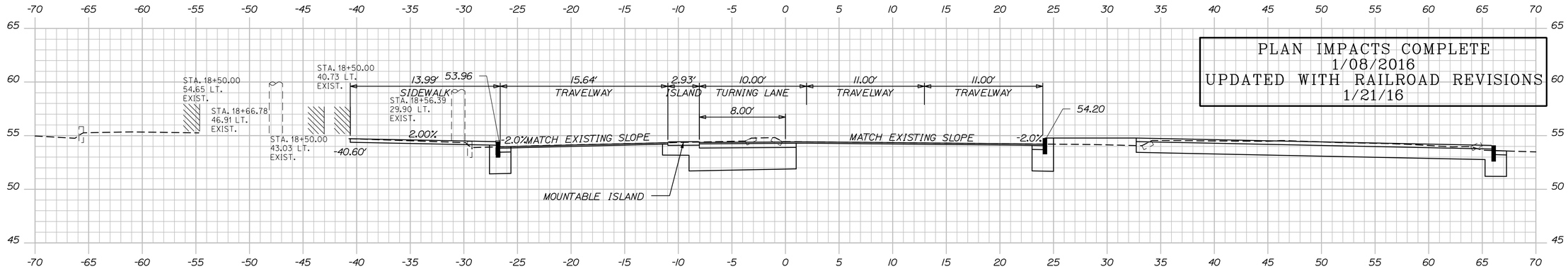
PORTLAND
FOREST AVENUE

CROSS SECTIONS

SHEET NUMBER
14
OF 27

Sta. 15+50.00 to Sta. 16+50.00

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn



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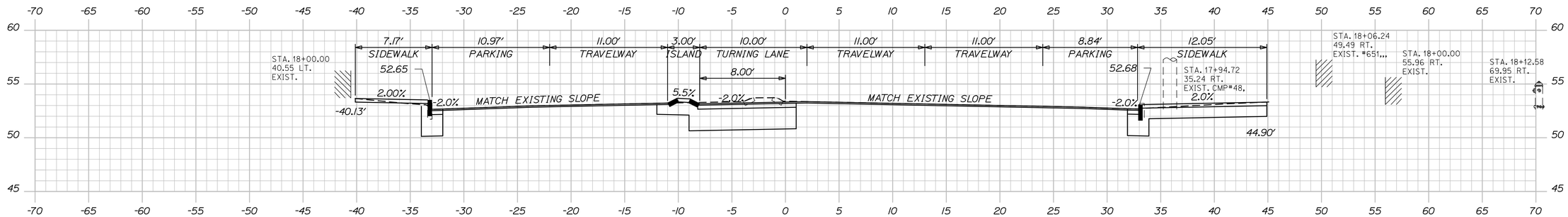

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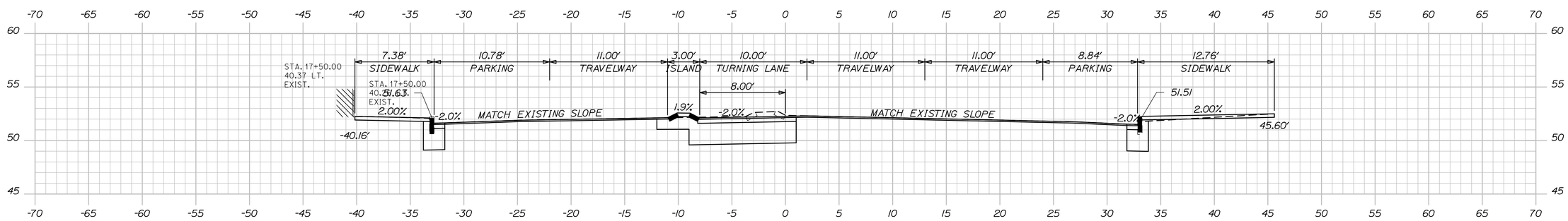
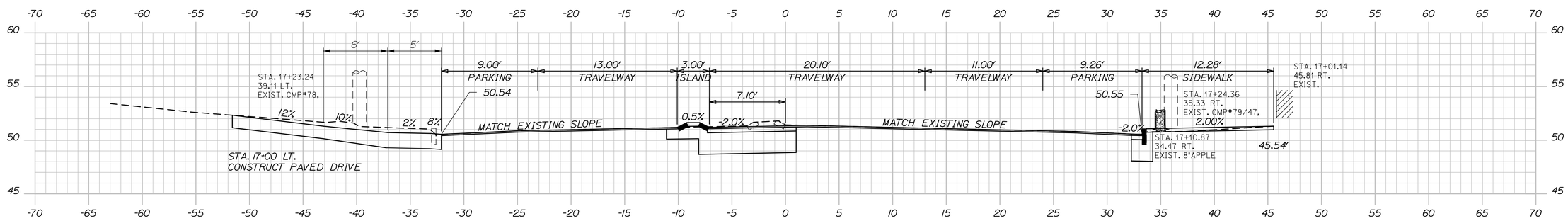


17+50.00



17+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

PROJ. MANAGER	AMBELE GORNEAU, II	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

CROSS SECTIONS

SHEET NUMBER
15
OF 27

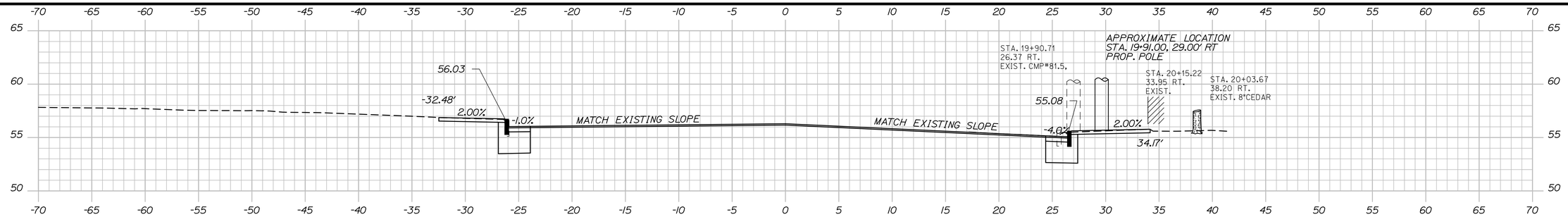
Sta. 17+00.00 to Sta. 18+50.00

Date:1/22/2016

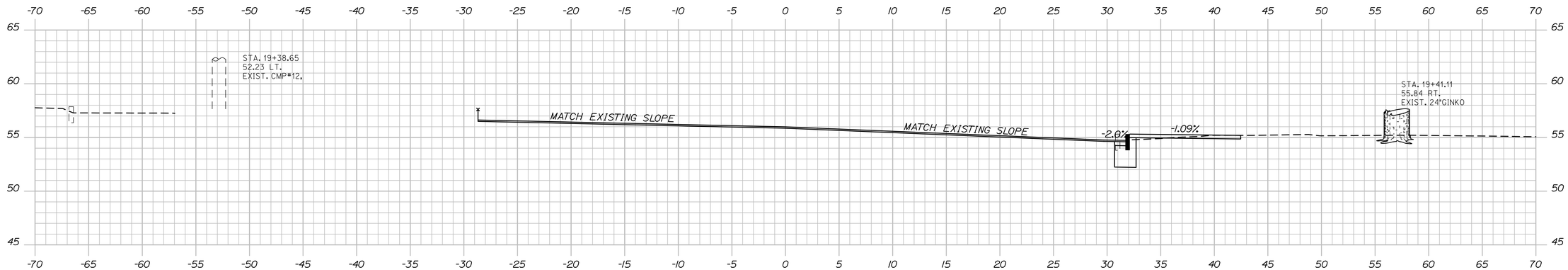
Username:

Division:

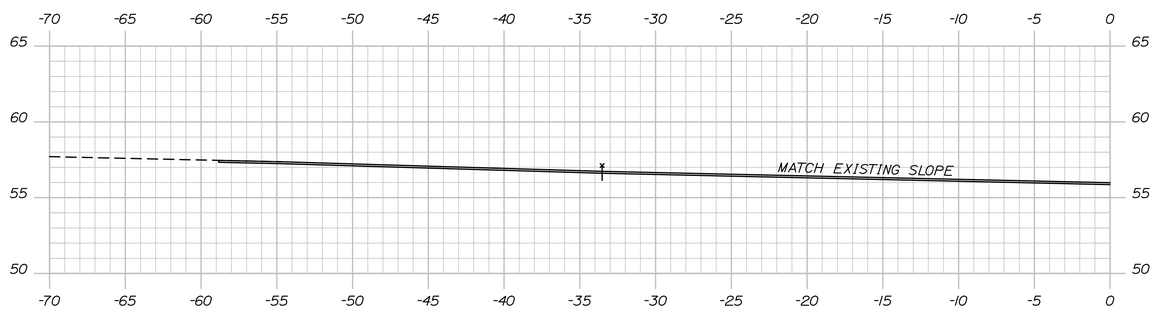
Filename: Xsect.dgn



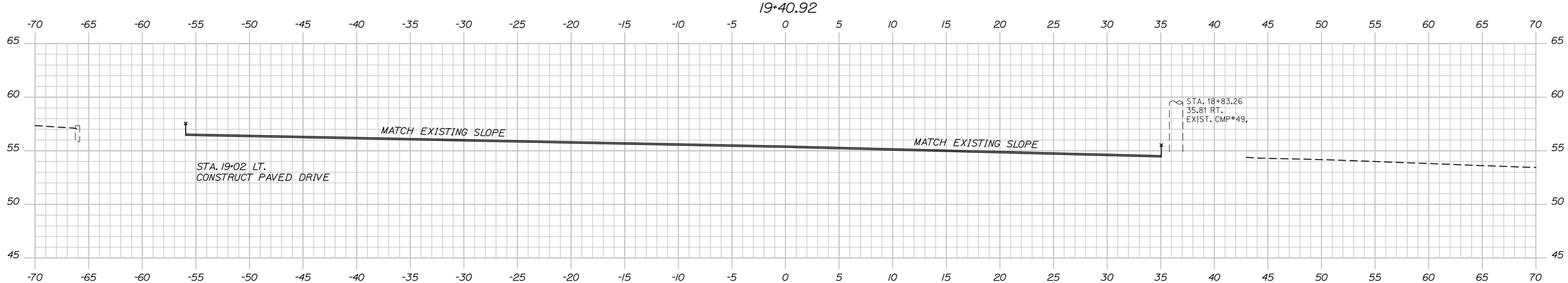
20+00.00



19+50.00



19+40.92



19+00.00

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	AURELE GORNEAULT		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		
REVISIONS 2	-		
REVISIONS 3	-		
REVISIONS 4	-		
FIELD CHANGES	-		

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

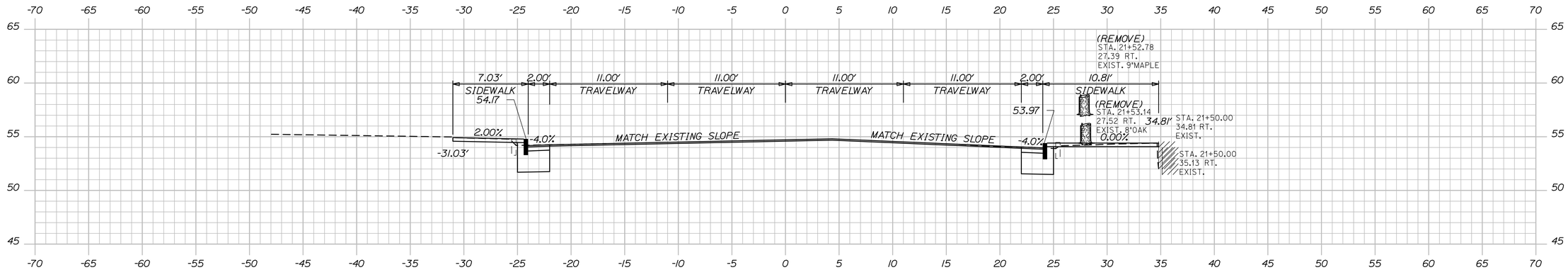
CROSS SECTIONS

SHEET NUMBER
16
OF 27

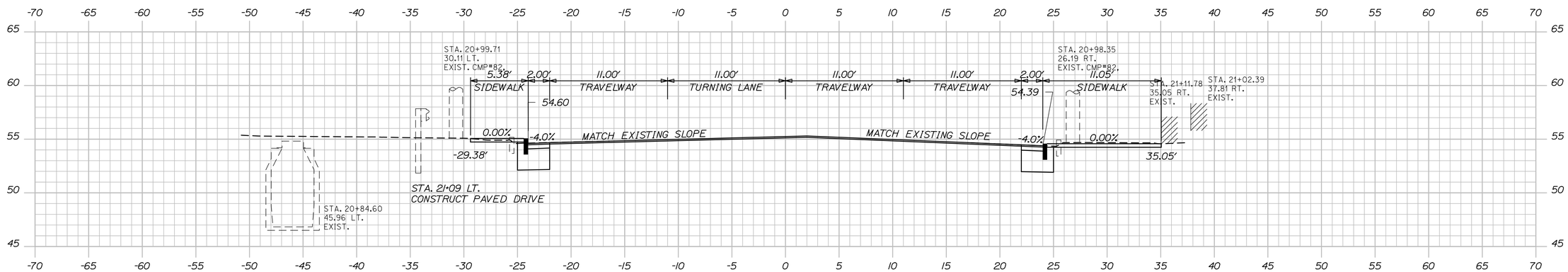
Sta. 19+00.00 to Sta. 20+00.00

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn

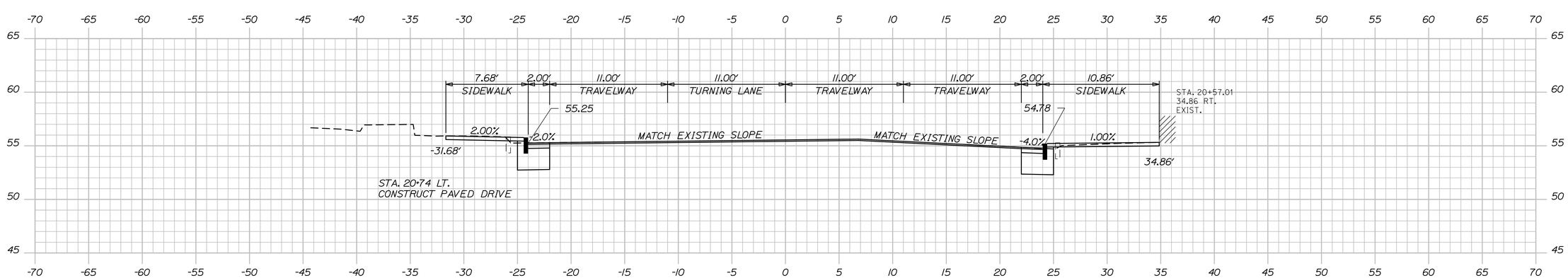
PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16



21+50.00



21+00.00



20+50.00

Sta. 20+50.00 to Sta. 21+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

PROJ. MANAGER	AIMEE DORNEAU II	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		-
REVISIONS 2	-		-
REVISIONS 3	-		-
REVISIONS 4	-		-
FIELD CHANGES	-		-

SIGNATURE

P.E. NUMBER

DATE

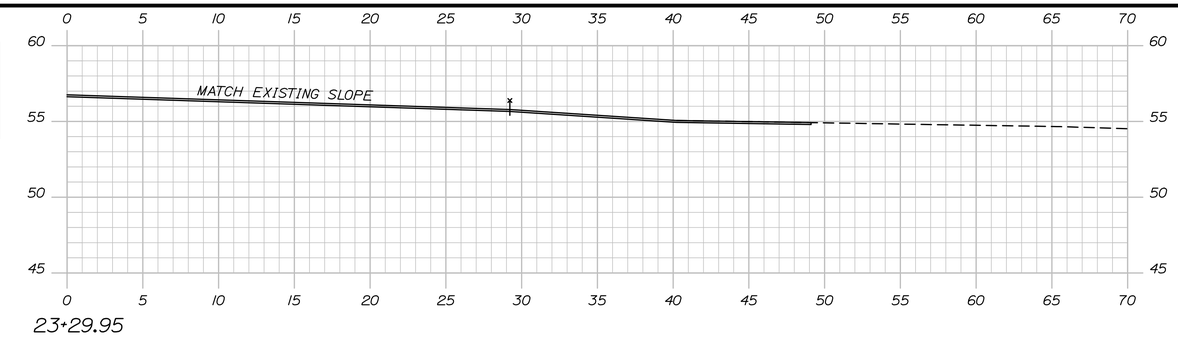
PORTLAND
FOREST AVENUE

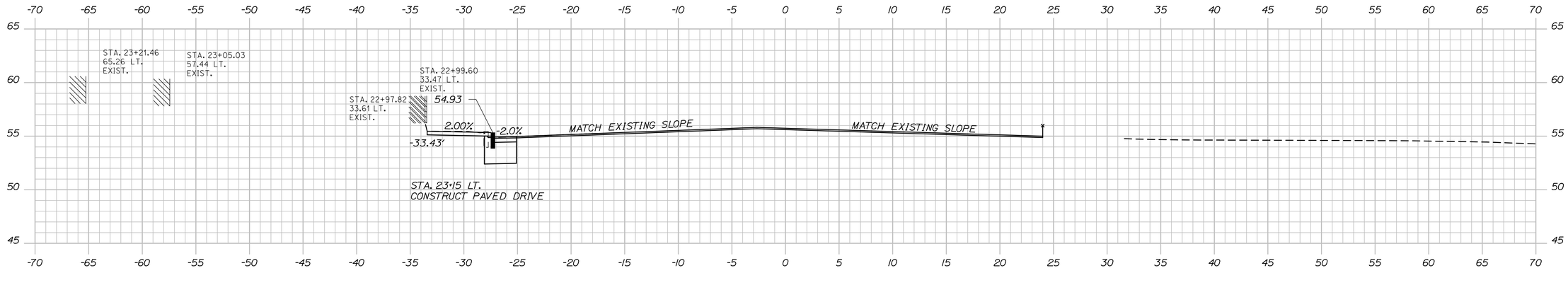
CROSS SECTIONS

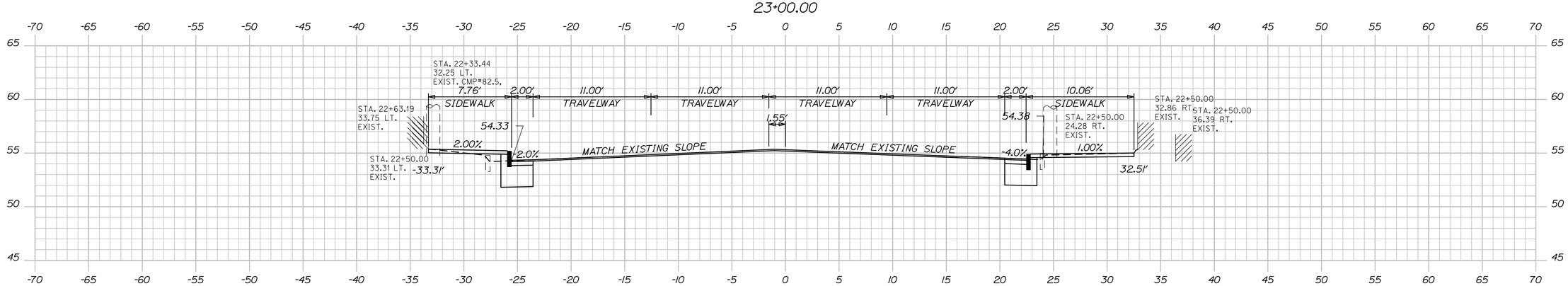
SHEET NUMBER
17
OF 27

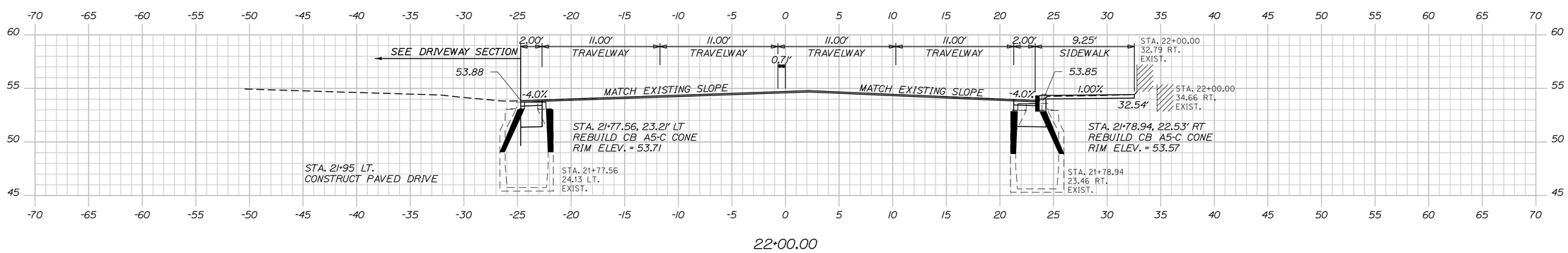
Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

PROJ. MANAGER	AURELE GORNEAULT	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		
REVISIONS 2	-		
REVISIONS 3	-		
REVISIONS 4	-		
FIELD CHANGES	-		

SIGNATURE

P.E. NUMBER

DATE

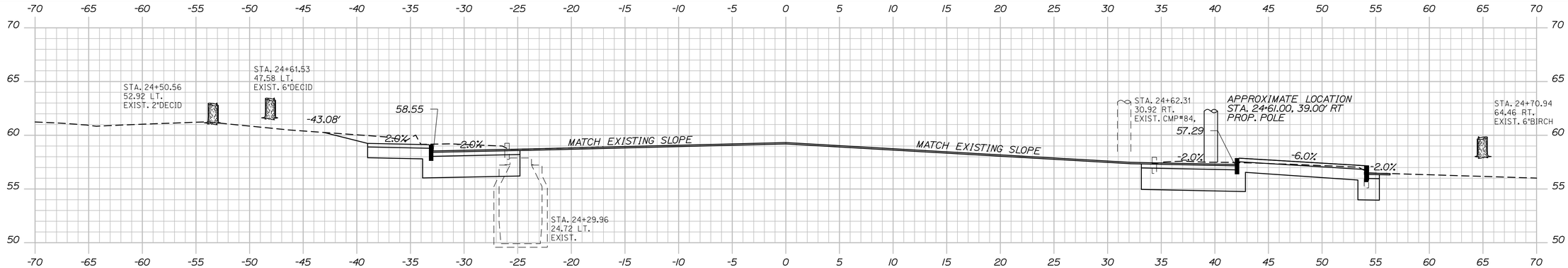
PORTLAND
FOREST AVENUE

CROSS SECTIONS

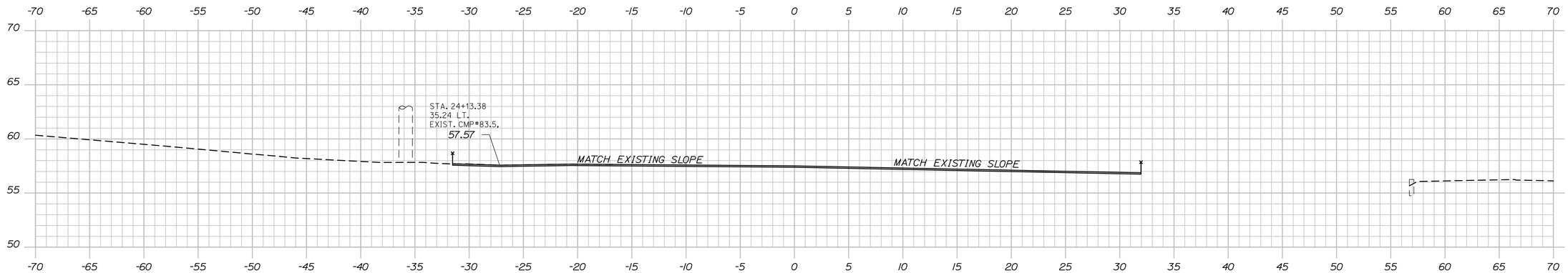
SHEET NUMBER
18
OF 27

Sta. 22+00.00 to Sta. 23+29.95

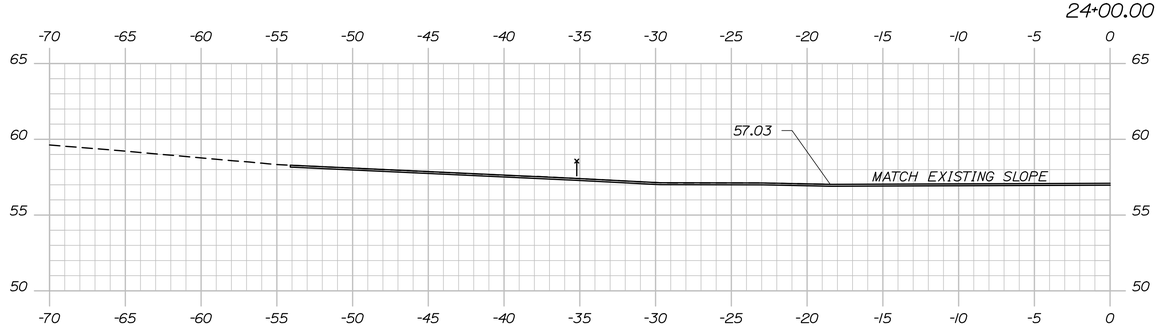
Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn



24+50.00



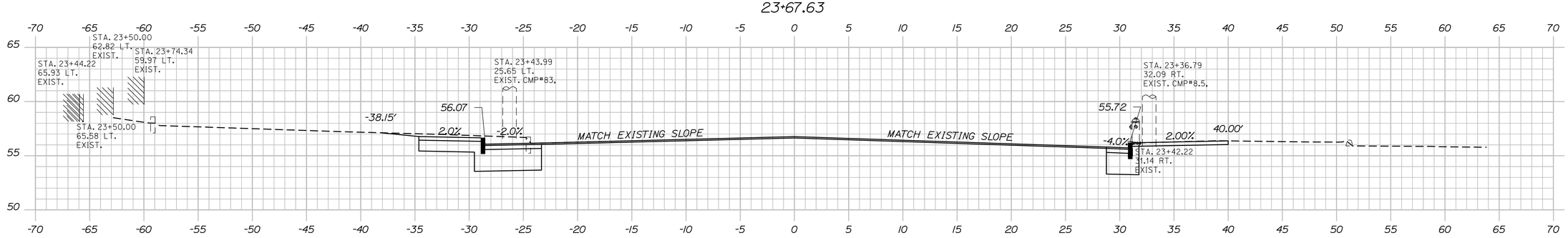
24+00.00



no survey - ocean ave.
23+83.96

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

23+67.63



23+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ABELE GORNEAU, II		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		
REVISIONS 2	-		
REVISIONS 3	-		
REVISIONS 4	-		
FIELD CHANGES	-		

SIGNATURE -
P.E. NUMBER -
DATE -

PORTLAND
FOREST AVENUE

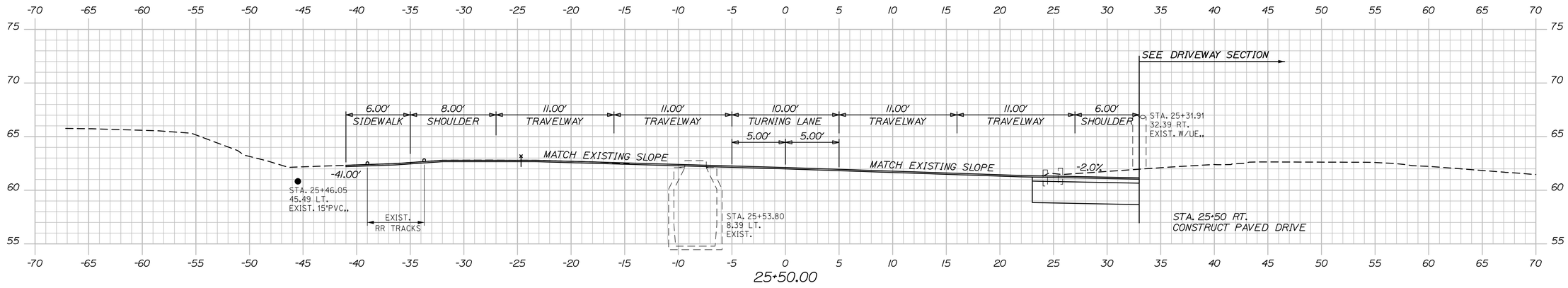
CROSS SECTIONS

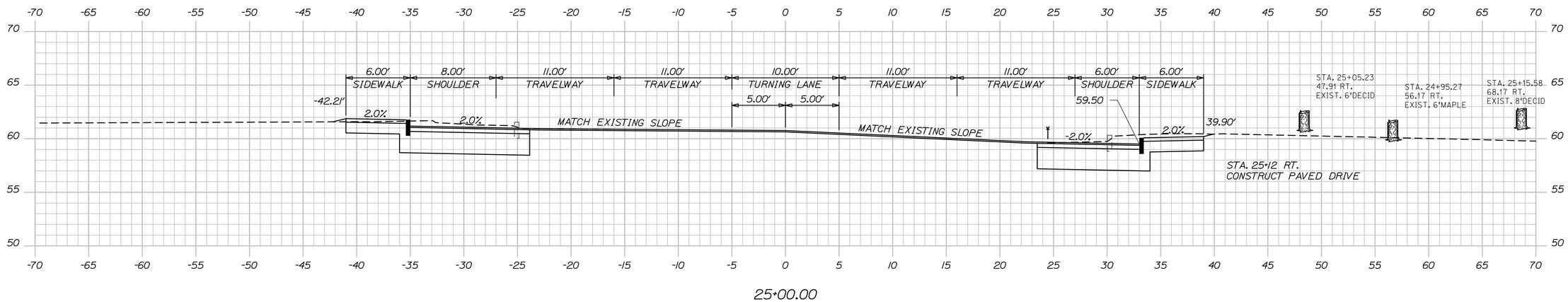
SHEET NUMBER
19
OF 27

Sta. 23+50.00 to Sta. 24+50.00

Filename: Xsect.dgn
Division:
Username:
Date:1/22/2016

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER AURELE GORNEAULT		
DESIGN-DETAILED D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

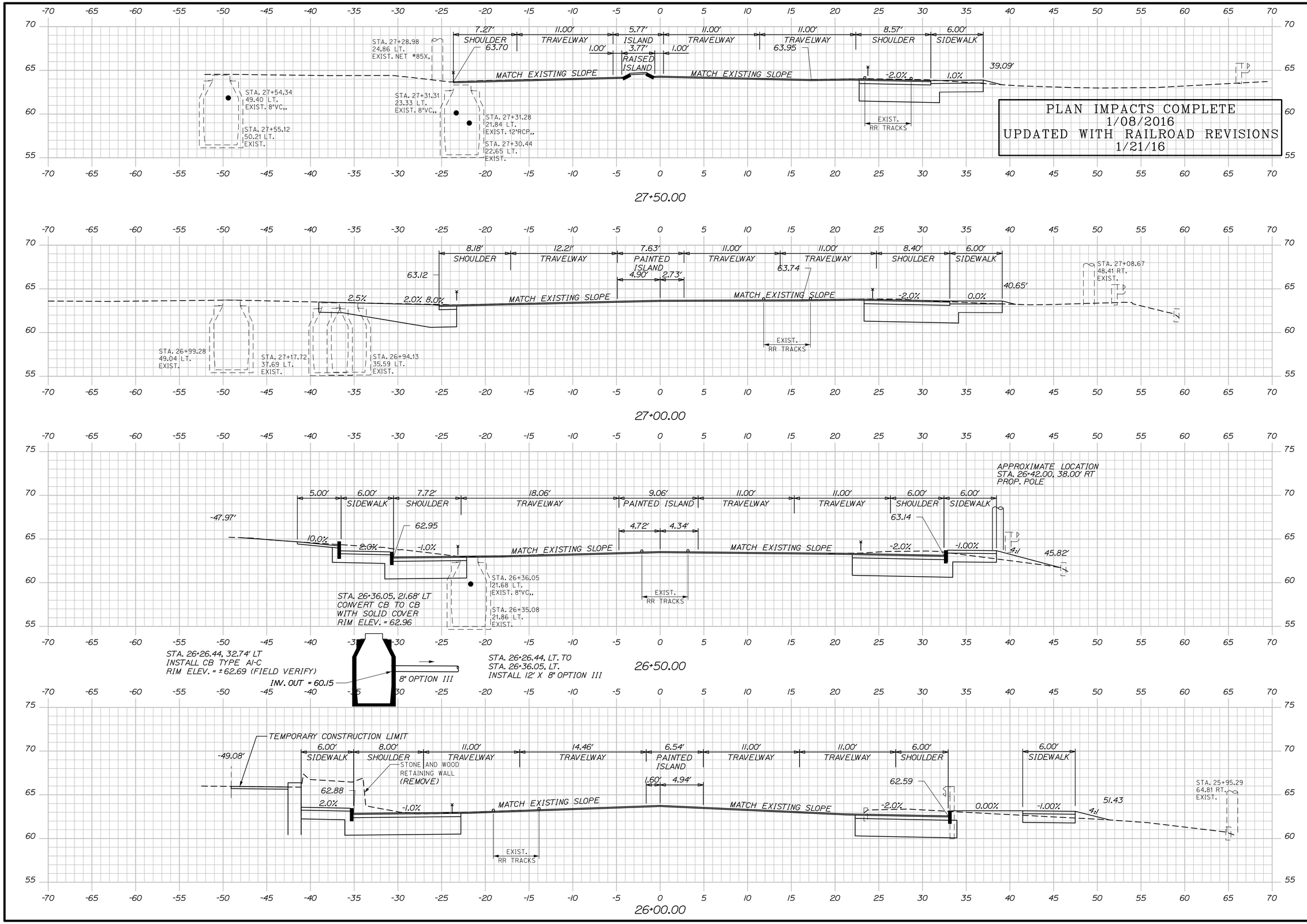
PORTLAND
FOREST AVENUE

CROSS SECTIONS

SHEET NUMBER
20
OF 27

Sta. 24+70.12 to Sta. 25+83.68

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ABELE GORNEAU, II		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

CROSS SECTIONS

SHEET NUMBER

21

OF 27

Sta. 26+00.00 to Sta. 27+50.00

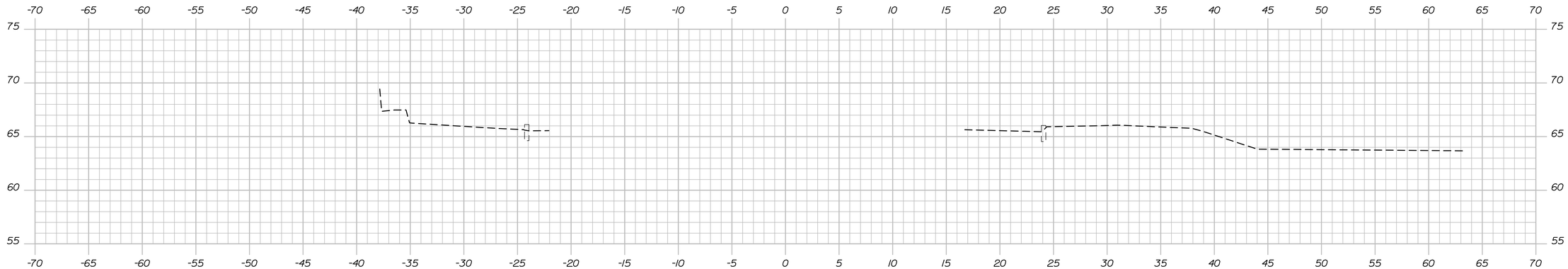
Date:1/22/2016

Username:

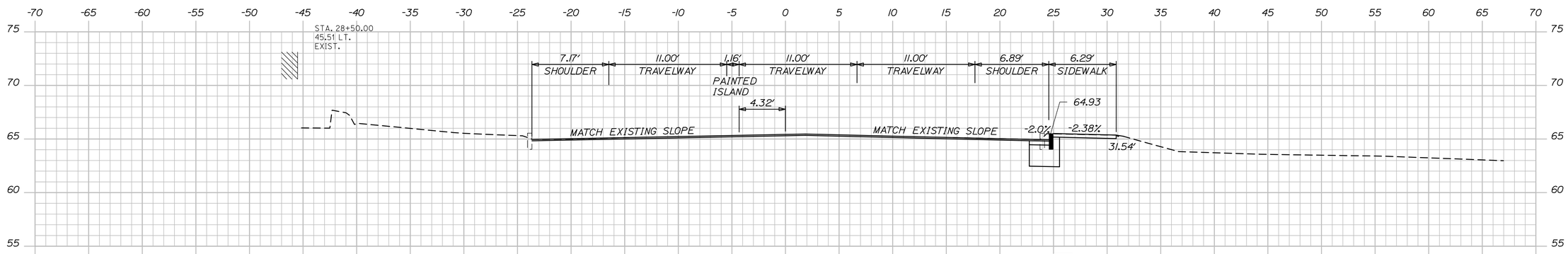
Division:

Filename: Xsect.dgn

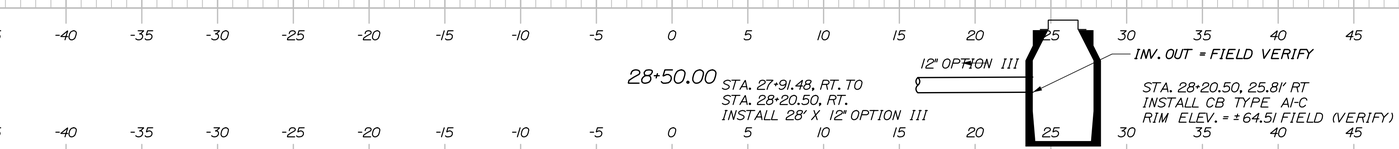
PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

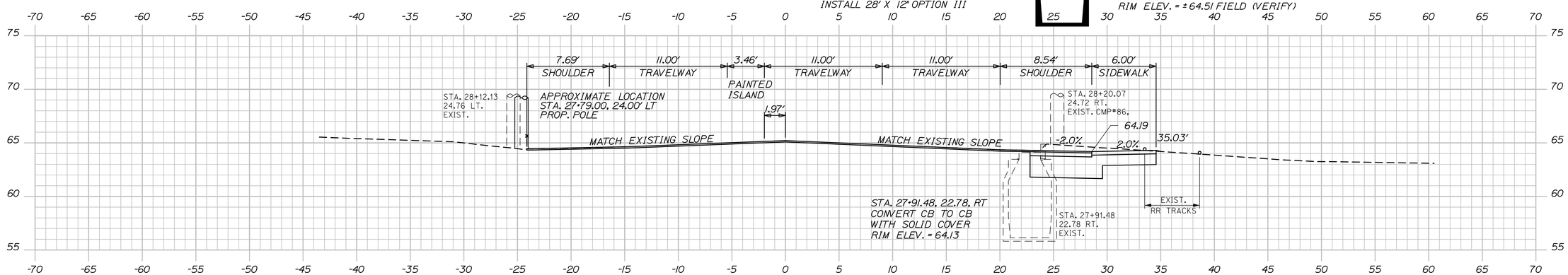


29+00.00



28+50.00





28+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

PROJ. MANAGER:	AMELE DORNEAU II	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		
REVISIONS 2	-		
REVISIONS 3	-		
REVISIONS 4	-		
FIELD CHANGES	-		

SIGNATURE

P.E. NUMBER

DATE

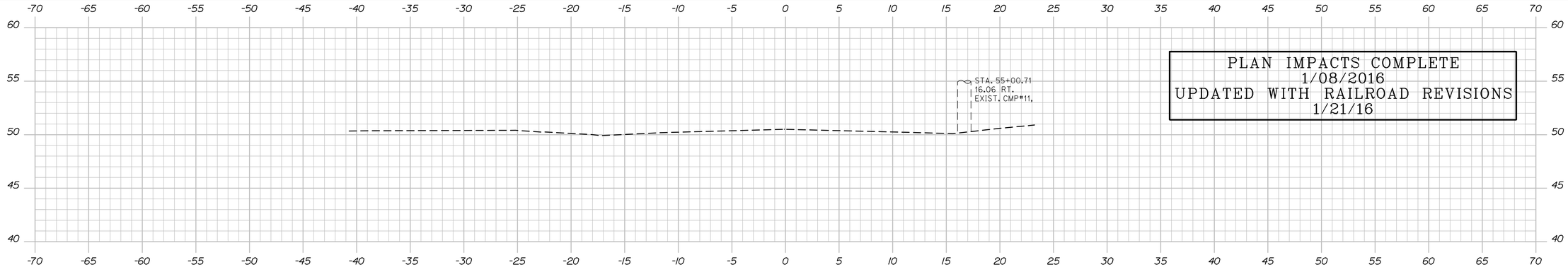
PORTLAND
FOREST AVENUE

CROSS SECTIONS

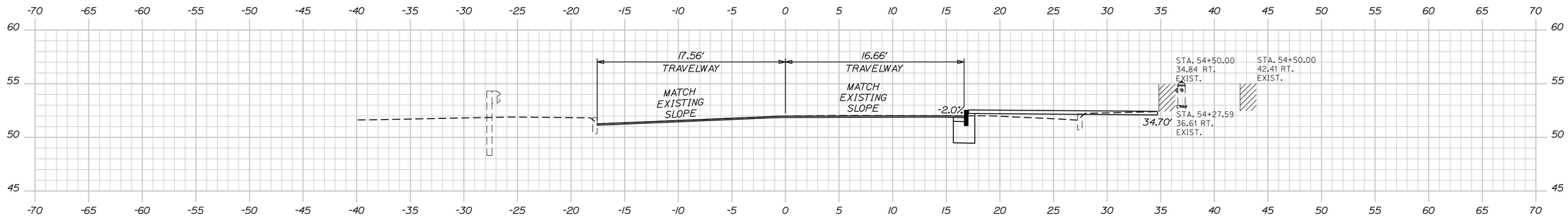
SHEET NUMBER
22
OF 27

Sta. 28+00.00 to Sta. 29+00.00

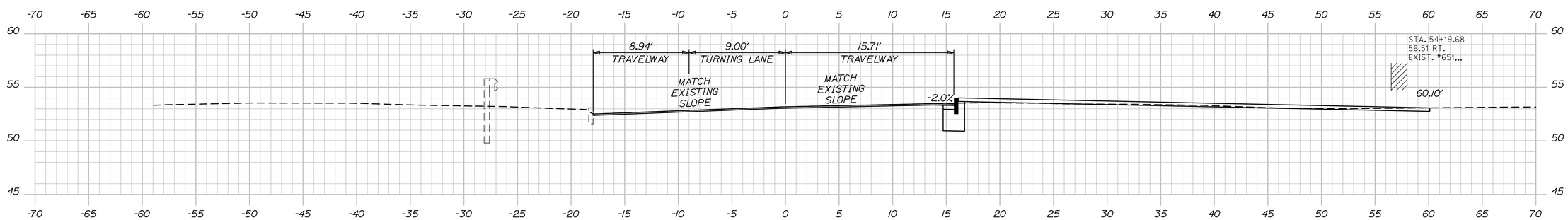
Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn



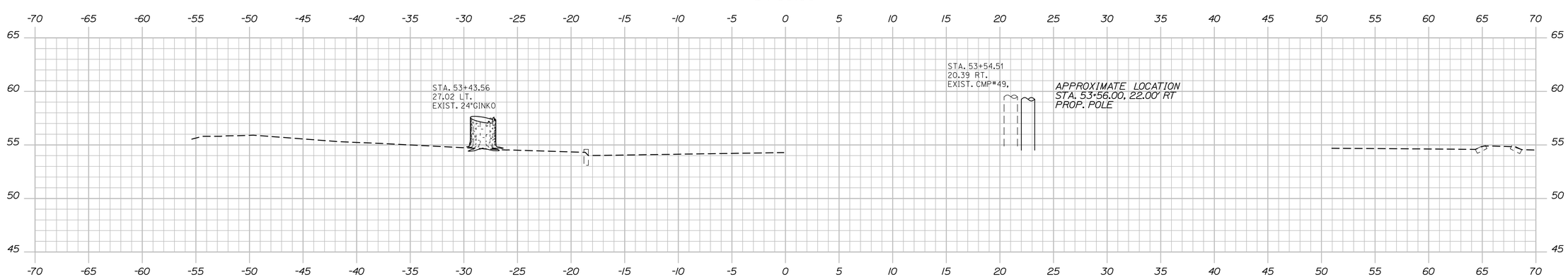
55+00.00



54+50.00



54+00.00



53+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	AURELE GORNEAULT		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		
REVISIONS 2	-		
REVISIONS 3	-		
REVISIONS 4	-		
FIELD CHANGES	-		

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

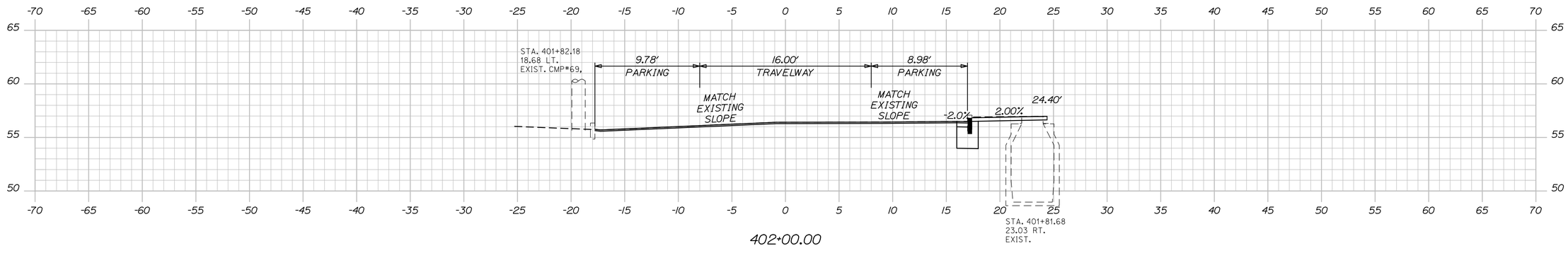
CROSS SECTIONS

SHEET NUMBER
23
OF 27

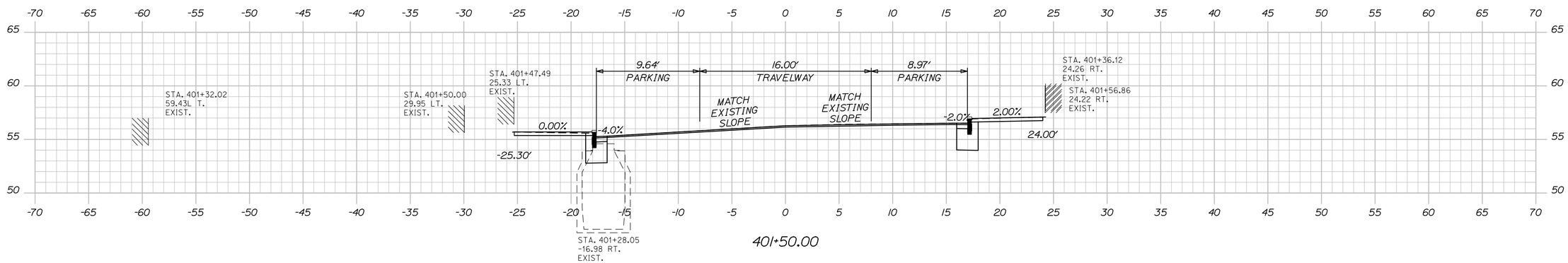
Sta. 53+50.00 to Sta. 55+00.00

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn

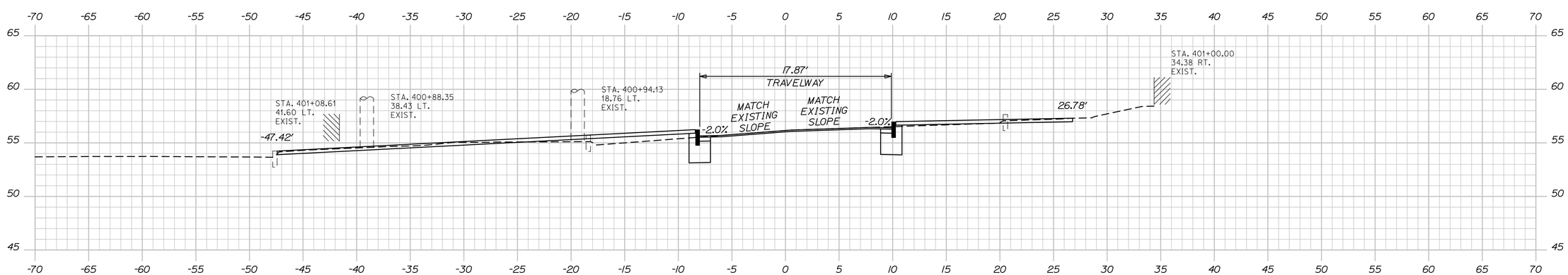
PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16



402+00.00



401+50.00



401+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

PROJ. MANAGER	AUREL GORNEAULT	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		-
REVISIONS 2	-		-
REVISIONS 3	-		-
REVISIONS 4	-		-
FIELD CHANGES	-		-

SIGNATURE

P.E. NUMBER

DATE

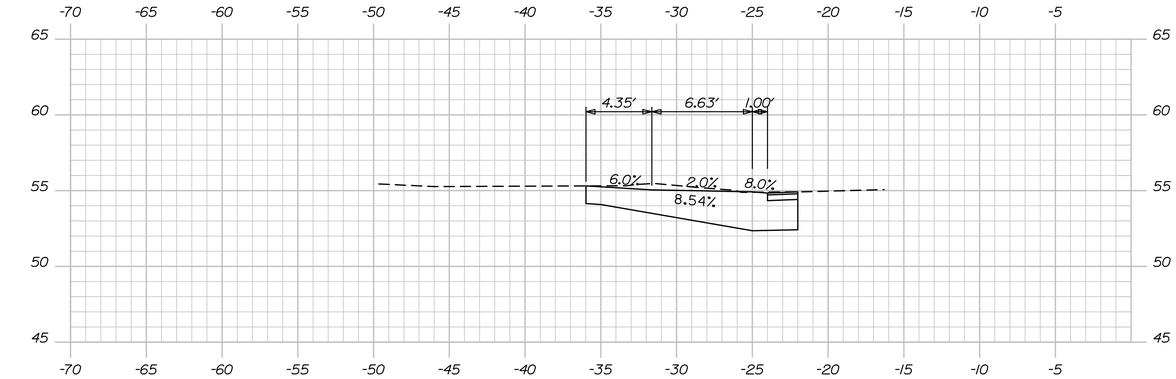
PORTLAND
FOREST AVENUE

CROSS SECTIONS

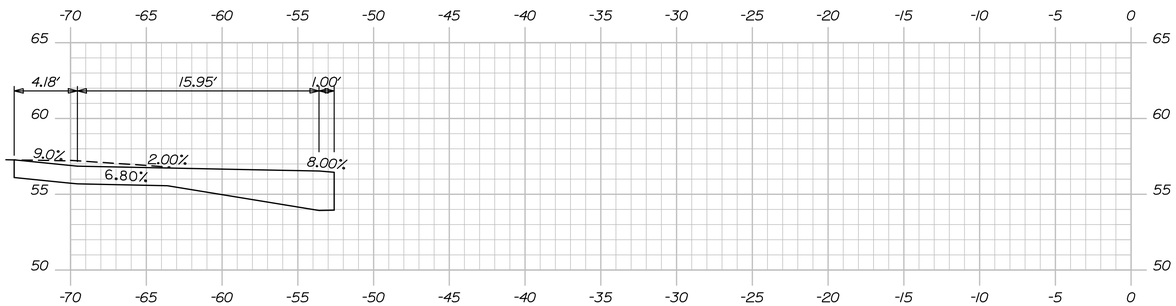
SHEET NUMBER
24
OF 27

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn

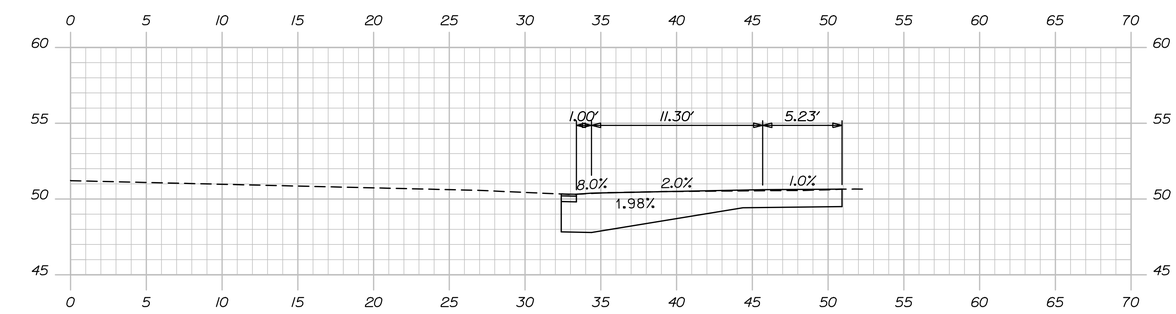
Sta. 401+00.00 to Sta. 402+00.00



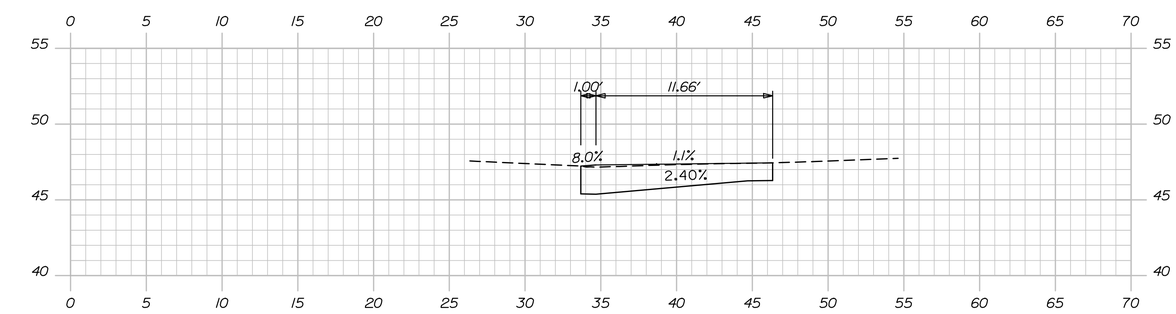
20+74.00



19+02.00



16+87.00



14+57.00

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	AMELE CORNEAU, II		
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

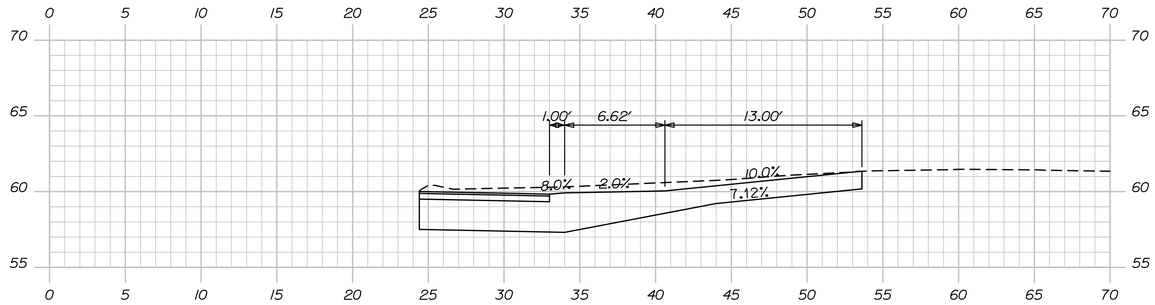
CROSS SECTIONS

SHEET NUMBER
25
OF 27

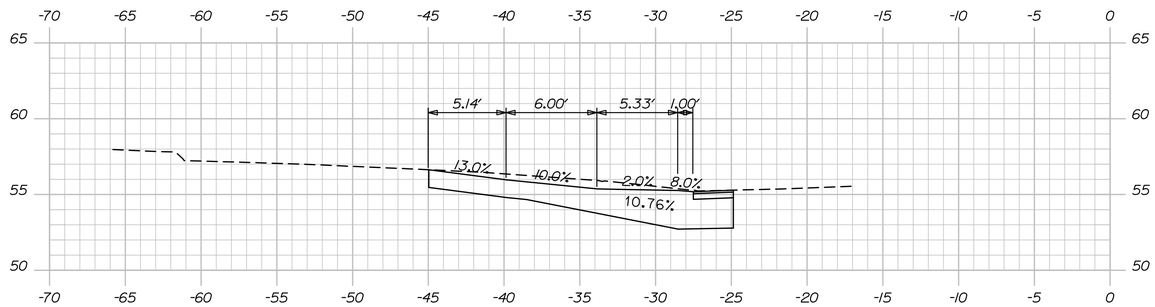
Sta. 14+57.00 to Sta. 20+74.00

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn

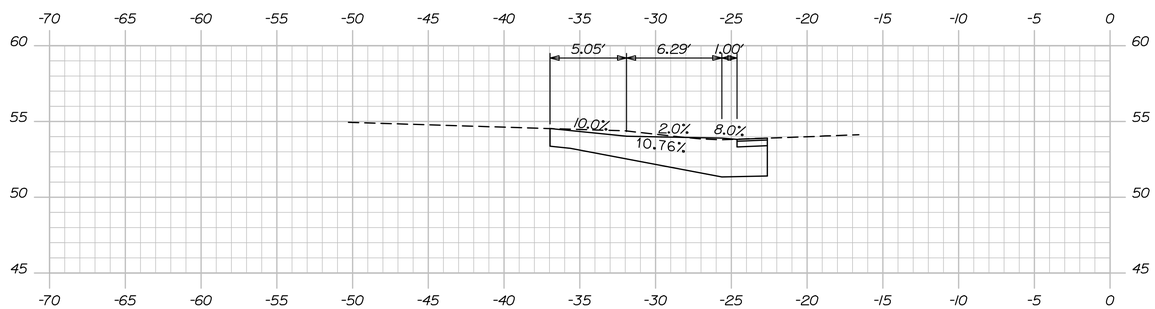
PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16



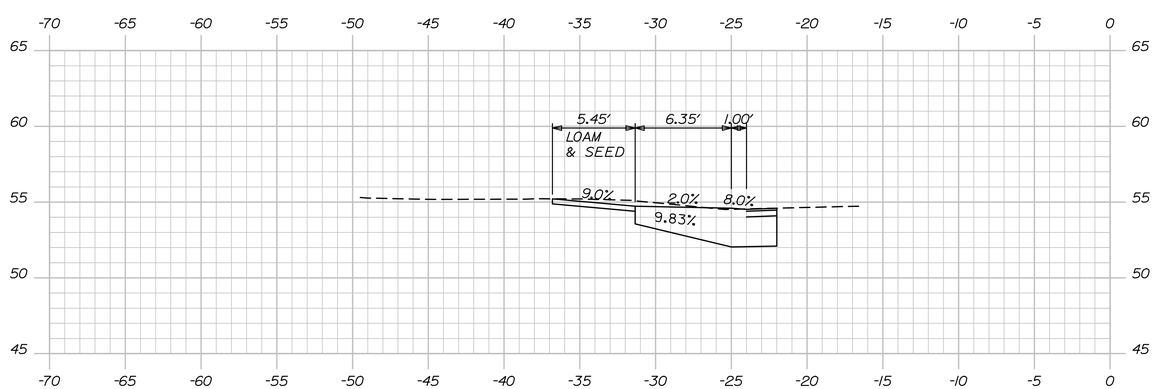
25+12.00



23+15.00



21+95.00



21+09.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

PROJ. MANAGER	AURELE GORNEAULT	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		-
REVISIONS 2	-		-
REVISIONS 3	-		-
REVISIONS 4	-		-
FIELD CHANGES	-		-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

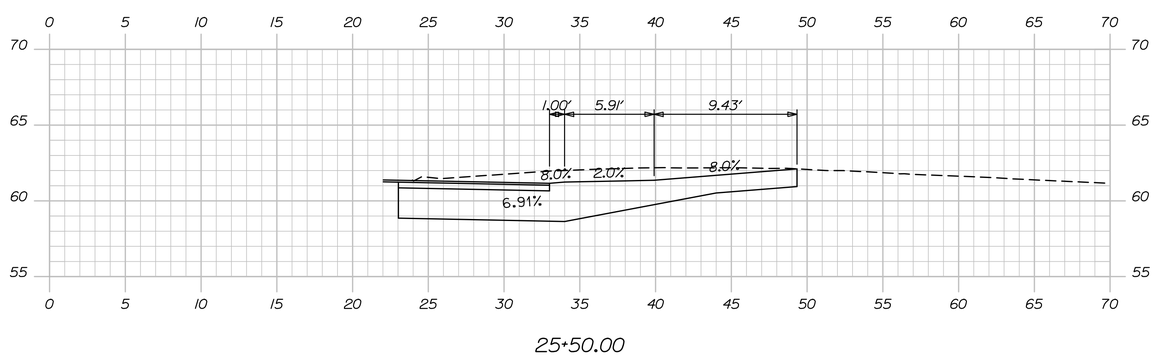
CROSS SECTIONS

SHEET NUMBER
26
OF 27

Sta. 21+09.00 to Sta. 25+12.00

Date:1/22/2016
Username:
Division:
Filename: Xsect.dgn

PLAN IMPACTS COMPLETE
1/08/2016
UPDATED WITH RAILROAD REVISIONS
1/21/16



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2054(300)

WIN
20543.00

HIGHWAY PLANS

PROJ. MANAGER	AURELE GORNEAULT	BY	DATE
DESIGN-DETAILED	D.MITCHELL	D.BURGESS	12-19-14
CHECKED-REVIEWED	-	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-		-
REVISIONS 2	-		-
REVISIONS 3	-		-
REVISIONS 4	-		-
FIELD CHANGES	-		-

SIGNATURE

P.E. NUMBER

DATE

PORTLAND
FOREST AVENUE

CROSS SECTIONS

SHEET NUMBER
27
OF 27

Filename: Xsect.dgn Division: Username: Date:1/22/2016

Sta. 25+50.00 to Sta. 26+53.00