

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



GORHAM CUMBERLAND COUNTY RTE 22 & BURNHAM RD STP-1724(400)X

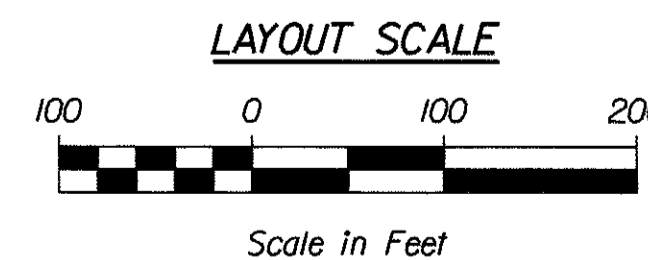
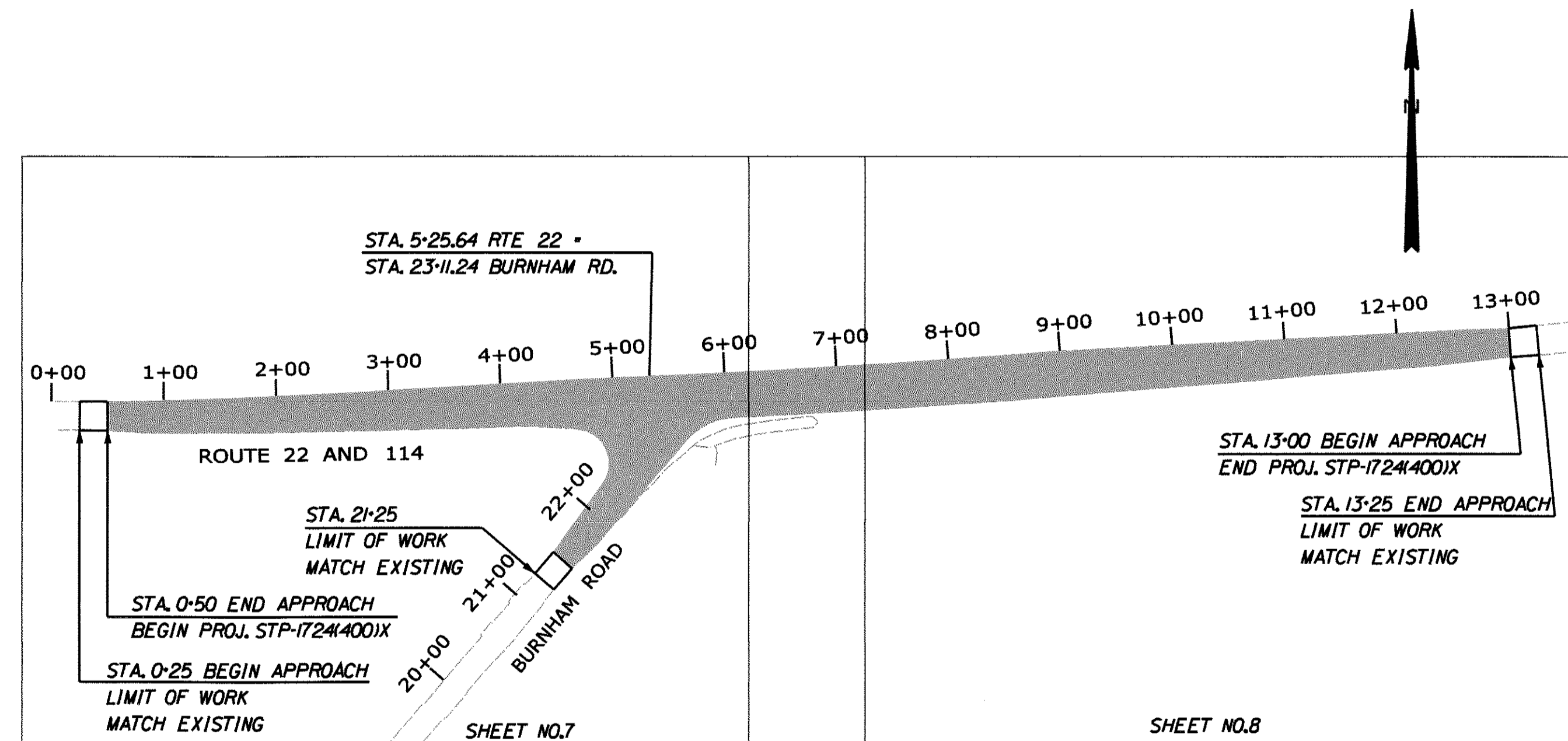
PROJECT LENGTH : 0.275 MILES

PLAN LEGEND

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

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TRAFFIC DATA

	RT 22/114 E/O BURNHAM ROAD	BURNHAM ROAD SW/O RT 22/114	RT 22/114 W/O BURNHAM ROAD
Current (2010) AADT	24180	2790	22600
Future (2030) AADT	29020	3350	27120
DHV - % of AADT	9%	10%	9%
Design Hour Volume	2578	324	2418
% Heavy Trucks (AADT)	5%	6%	5%
% Heavy Trucks (DHV)	2%	1%	2%
Directional Distribution (DHV)	71%	63%	71%
18 kip Equivalent P 2.0	697	106	667
18 kip Equivalent P 2.5	664	101	636
Design Speed (mph)	45	30	45
Functional Class:	Minor Arterial	Local Road	Minor Arterial

PROJECT LOCATION:

In the town of Gorham at the intersection of Route 22 & Burnham Road

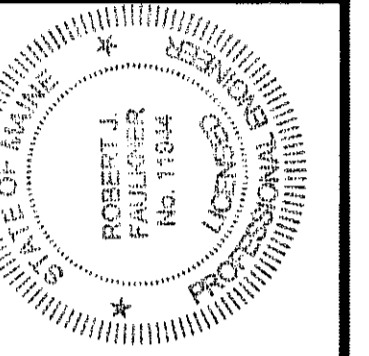
PROGRAM AREA:

Highway Program

OUTLINE OF WORK:

Reconstruction with alignment, drainage and safety improvements.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
	<i>[Signature]</i>	8/19/11
	COMMISSIONER:	
	CHIEF ENGINEER:	



SIGNATURE	1/24/11	P.E. NUMBER	8/14/11	DATE

PROJECT INFORMATION				
PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT
				CONTRACTOR
				PROJECT COMPLETION DATE

GORHAM
RTE 22 & BURNHAM RD
TITLE SHEET

SHEET NUMBER

1

OF 30

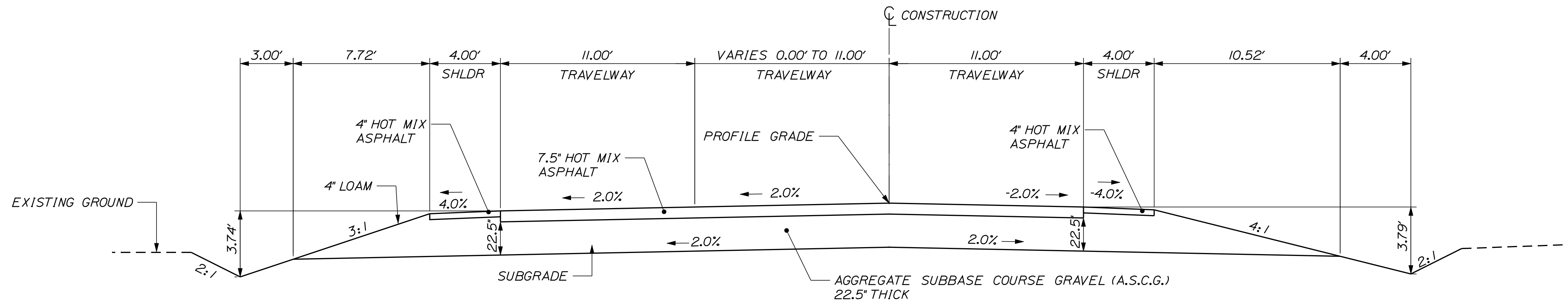
WIN 17244.00 STP-1724(400)X

Date: 8/15/2011

User name: WIN_USER\NAME

Division: HIGHWAY

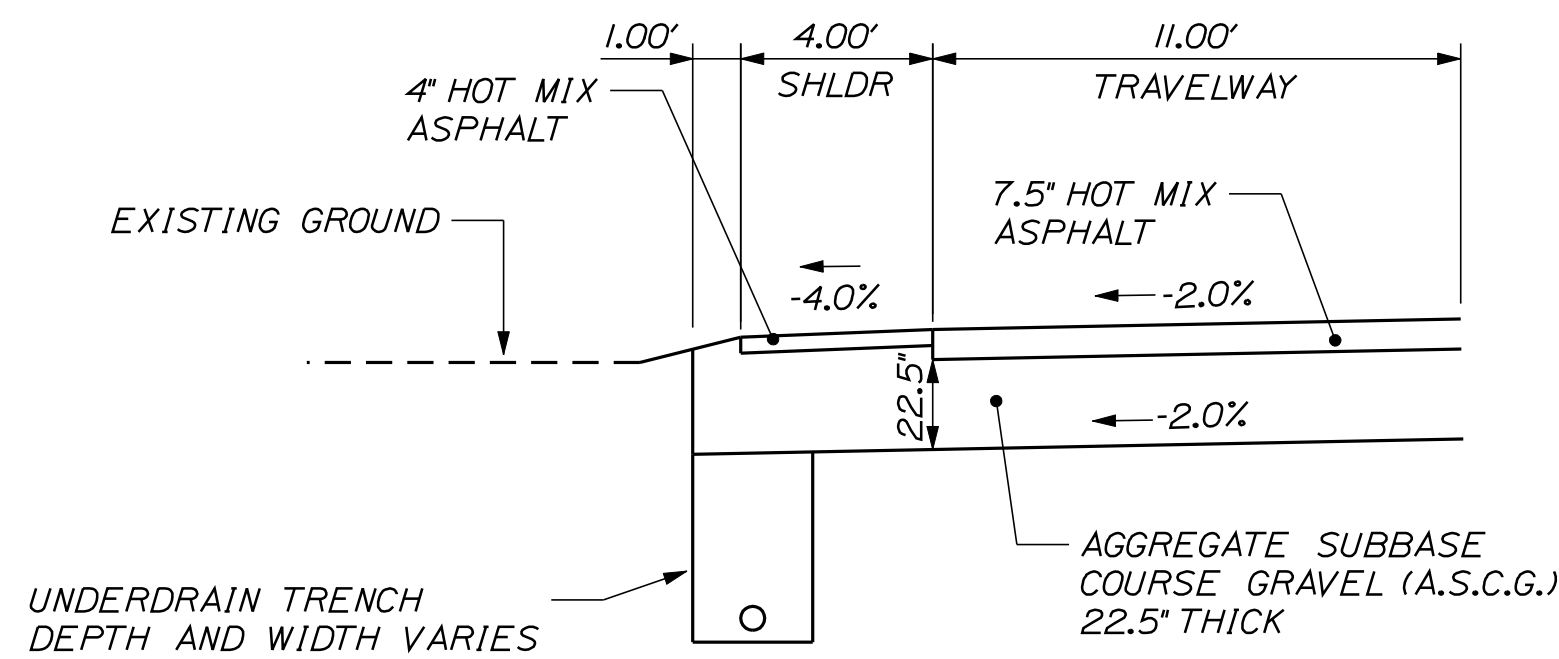
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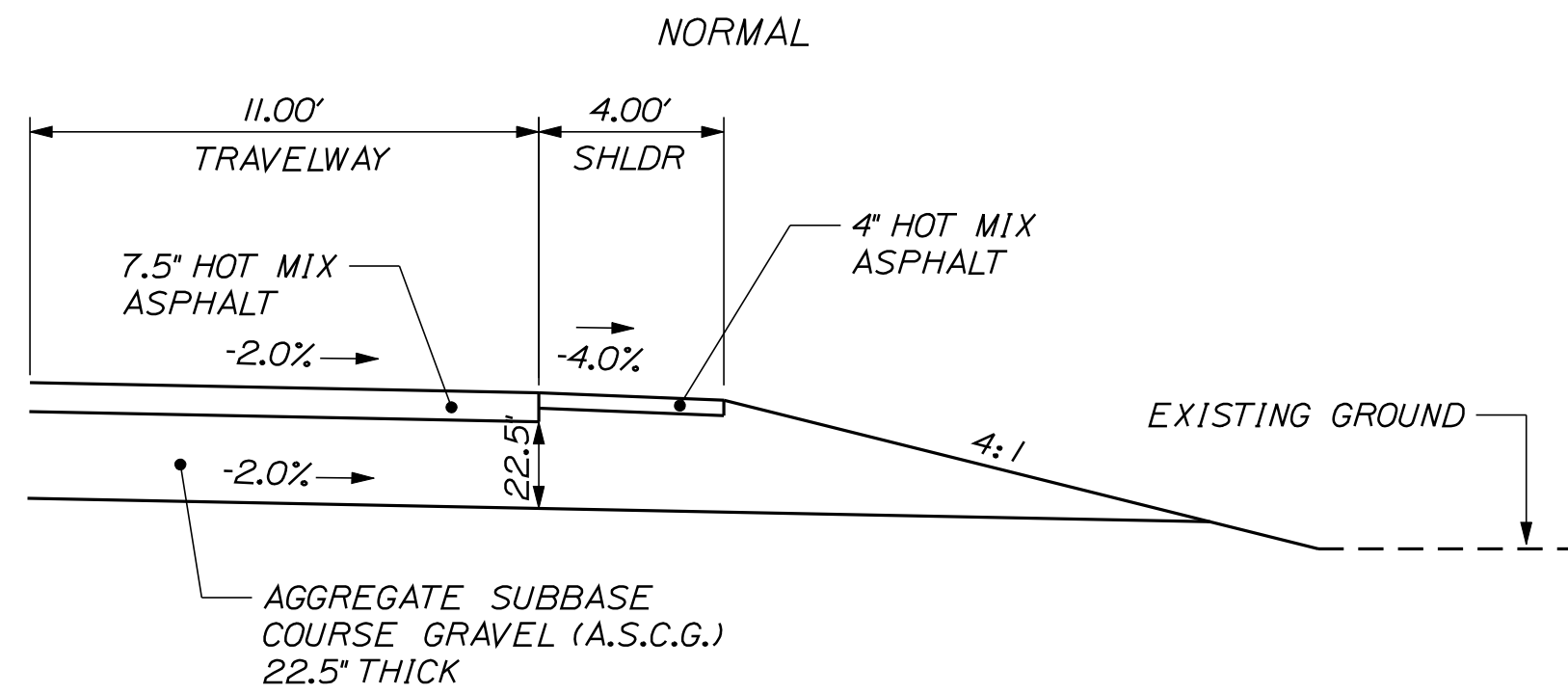
A.S.C.G.	
LEFT SHOULDER	66.14 CY/100 LF
STATION TO STATION	3+79 TO 8+16 LT
	11+02 TO 13+00 LT

A.S.C.G.	
11 FT. TRAVEL LANE	76.39 CY/100 LF
STATION TO STATION	0+50 TO 13+00 LT

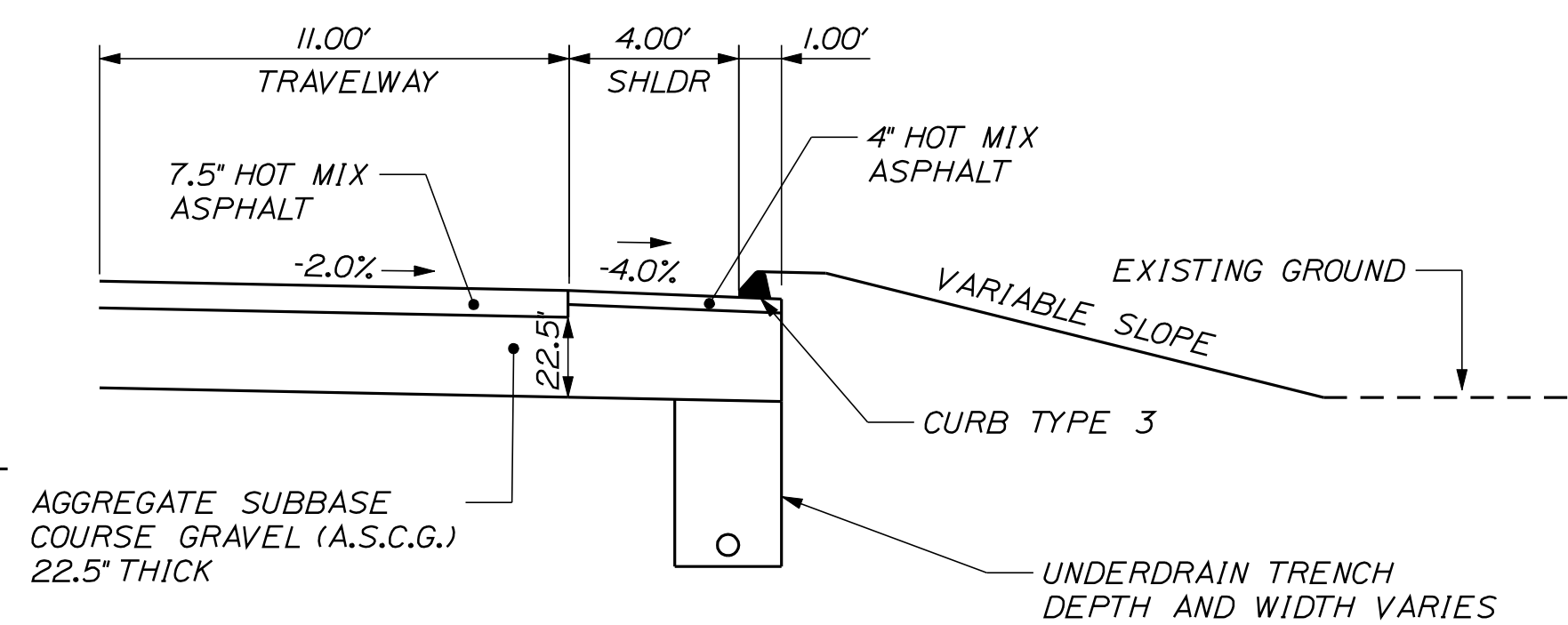
A.S.C.G.	
SHOULDER	78.68 CY/100 LF
STATION TO STATION	8+00 TO 13+00 RT



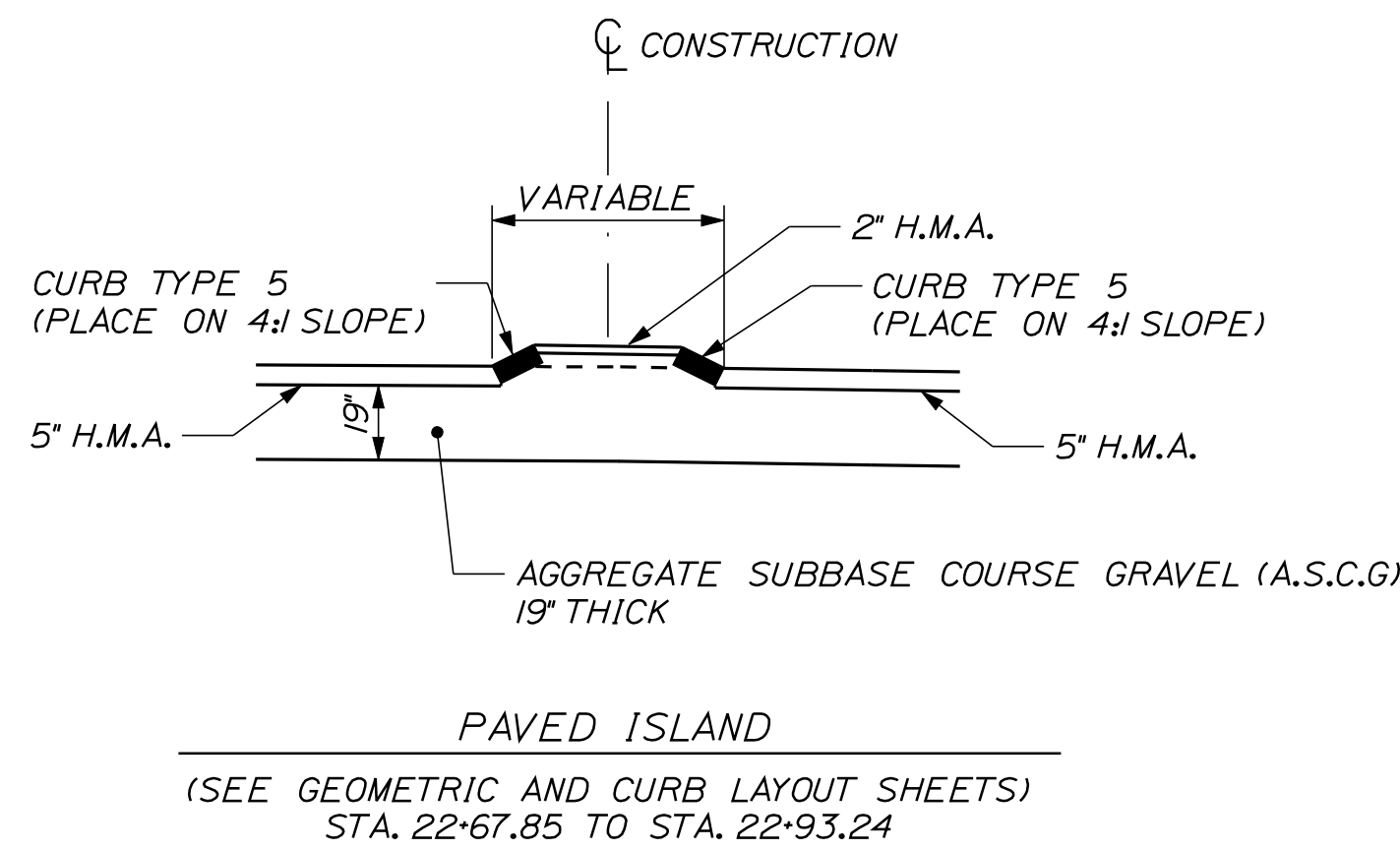
A.S.C.G.	
SHOULDER	40.05 CY/100 LF
STATION TO STATION	1+75 TO 3+14 LT
	8+16 TO 11+02 LT



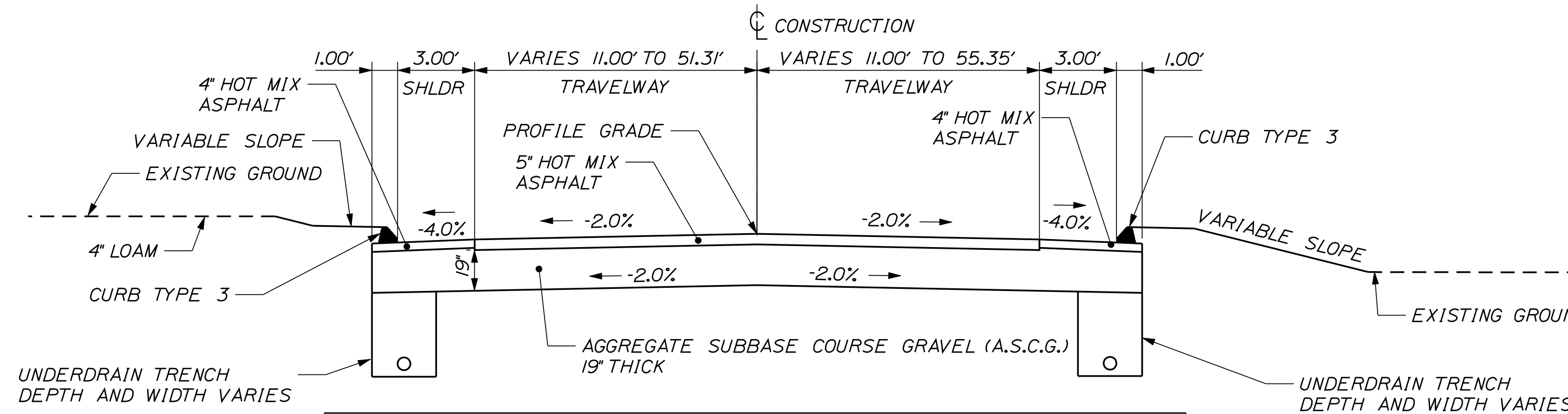
A.S.C.G.	
SHOULDER	40.05 CY/100 LF
STATION TO STATION	0+50 TO 1+75 LT
	0+50 TO 2+50 RT



A.S.C.G.	
SHOULDER	40.05 CY/100 LF
STATION TO STATION	3+14 TO 3+79 LT
	2+50 TO 8+00 RT

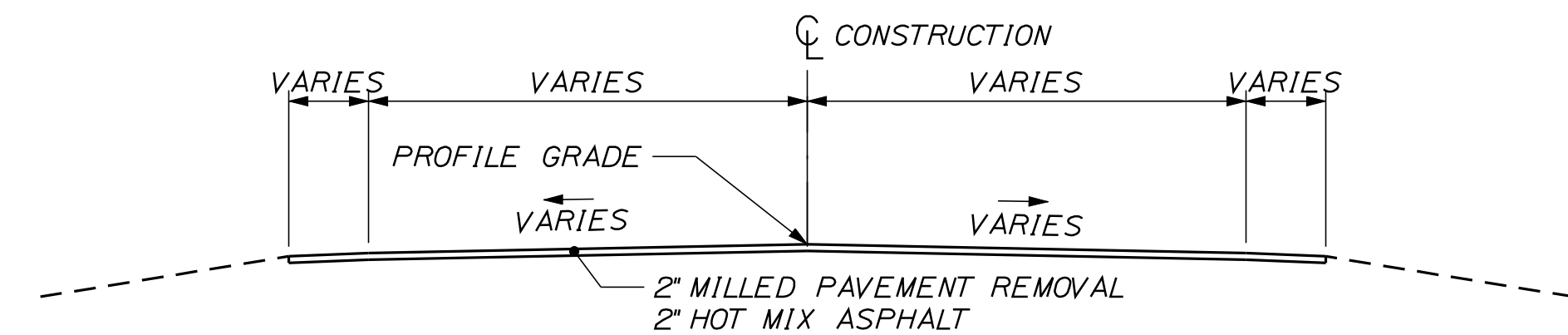


PAVED ISLAND
 (SEE GEOMETRIC AND CURB LAYOUT SHEETS)
 STA. 22+67.85 TO STA. 22+93.24



AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER	22 FT. TRAVEL LANES	RIGHT SHOULDER
24.18 CY/100 LF	128.96 CY/100 LF	24.18 CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION
21+50 TO 22+94 LT	21+50 TO 21+82	21+50 TO 22+94 RT

TRAVEL LANE WIDTHS VARY BETWEEN STATION 21+82 TO 22+94.
 SEE PLANS AND SECTIONS FOR DETAIL



STATION TO STATION	
0+25 TO 0+50	
13+00 TO 13+25	
21+25 TO 21+50	

COLD PLANE AND OVERLAY AREAS

FULL CONSTRUCTION - ROUTE 22 AND 114

FULL CONSTRUCTION - BURNHAM ROAD

NOTE:

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

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. Marlin	J. Parrelli	6/2011			
DESIGN DETAILED	J. Parrelli	6/2011			
CHECKED-REVIEWED	R. Pinckney	6/2011			
DESIGN DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

GORHAM
 RTE 22 & BURNHAM RD
 TYPICAL SECTIONS

SHEET NUMBER

2

OF 30

NOT TO SCALE

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.111	CLEARING	LS	1
201.23	REMOVING SINGLE TREE TOP ONLY	EA	7
201.24	REMOVING STUMP	EA	7
202.15	REMOVE MANHOLE OR CATCH BASIN	EA	2
202.202	REMOVING PAVEMENT SURFACE	SY	210
203.20	COMMON EXCAVATION	CY	6155
304.10	AGGR SUBB COURSE - GRAVEL	CY	4775
403.1021	TEXTURED ASPHALT PAVEMENT	SY	590
403.207	HOT MIX ASPHALT, 19.0 MM HMA	TON	795
403.208	HOT MIX ASPHALT, 12.5 MM HMA SURFACE	TON	665
403.209	HOT MIX ASPHALT, 9.5 MM HMA (SIDEWALKS, DRIVES, INCIDENTALS)	TON	95
403.213	HOT MIX ASPHALT, 12.5 MM HMA BASE	TON	670
409.15	BITUMINOUS TACKCOAT, APPLIED	GAL	260
603.155	12" RCP CLASS III	LF	54
603.159	12" CULVERT PIPE OPTION III	LF	34
603.165	15" RCP CLASS III	LF	34
603.169	15" CULVERT PIPE OPTION III	LF	550
604.09	CATCH BASIN TYPE B-1	EA	5
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	EA	1
604.182	CLEANING EXISTING CATCH BASIN AND MANHOLE	EA	1
604.246	CATCH BASIN TYPE F5	EA	3
604.247	CATCH BASIN TYPE F5-C	EA	1
605.09	6" (150mm) UNDERDRAIN TYPE B	FT	778
605.10	6" (150mm) UNDERDRAIN TYPE B OUTLET	FT	16
605.11	12" UNDERDRAIN TYPE C	FT	252
605.12	15" UNDERDRAIN TYPE C	FT	200
606.356	UNDERDRAIN DELINEATOR POST	EA	1
609.31	CURB TYPE 3	FT	725
609.34	CURB TYPE 5	LF	42
609.35	CURB TYPE 5 - CIRCULAR	LF	16
610.08	PLAIN RIPRAP	CY	15
615.07	LOAM	CY	610
618.1401	SEEDING METHOD NUMBER 2, PLAN QUANTITY	UNIT	50
619.1201	MULCH - PLAN QUANTITY	UNIT	50
627.733	4" WHITE OR YELLOW PAINT PAVEMENT MARKING LINE	LF	4350
627.75	WHITE OR YELLOW PAVEMENT & CURB MARKING	SF	86
627.76	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LS	1
631.32	CULVERT CLEANER (INCLUDING OPERATOR)	HR	8
639.18	FIELD OFFICE TYPE A	EA	1
652.33	DRUM	EA	34
652.34	CONE	EA	68
652.35	CONSTRUCTION SIGNS	SF	105
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	LS	1
652.38	FLAGGER	HR	3500
656.75	TEMP. SOIL EROS. AND WATER POLL. CONTROL	LS	1
658.20	ACRYLIC LATEX FINISH, GREEN	SY	15
659.10	MOBILIZATION	U	1

EARTHWORK SUMMARY

COMMON EXCAVATION FOR ESTIMATE			
COMMON EXCAVATION (FROM CROSS SECTIONS)	5.802		
EARTH FROM DRIVES, OLD ROAD, ETC.	350		
GRUBBING FROM FILL	0		
TOTAL COMMON EXCAVATION		6.152	
FILL FOR BORROW CALCULATIONS			
COMMON FILL (FROM CROSS SECTIONS)	155		
FILL FOR DRIVES	0		
GRUBBING FROM FILL	0		
TOTAL FILL		155	
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS			
(1) TOTAL COMMON EXCAVATION		6.152	
DEDUCTIONS:			
GRUBBING IN FILL	0		
(2) TOTAL DEDUCTIONS		0	
TOTAL AVAILABLE NON-ROCK EXCAVATION (1) MINUS (2)		6.152	
COMPUTATION OF WASTE STORAGE & WASTE MATERIAL			
GRUBBING IN FILL	0		
TOTAL WASTE MATERIAL TO BE WASTED		0	
COMPUTATION FOR COMMON BORROW FOR ESTIMATE			
(3) TOTAL FILL		155	
TOTAL AVAIL. NON-ROCK EXCAV.	6.152 x 0.85 =	5.230	
(4) TOTAL AVAILABLE EXCAVATION	=	5.230	
SURPLUS MATERIAL =			
AVAILABLE EXCAVATION MINUS TOTAL FILL,			
PLUS TOTAL WASTE MATERIAL TO BE WASTED		5.075	

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		STP-1724(400)X		PIN 017244.00		HIGHWAY PLANS	
GORHAM		RTE 22 & BURNHAM RD		ESTIMATED QUANTITIES		SHEET NUMBER		3	
								OF 30	

PAVED DRIVEWAYS & ENTRANCES

LOCATION	DESCRIPTION
2+85, LT	PAVED ENTRANCE
4+10, LT	PAVED ENTRANCE
7+00, RT	PAVED ENTRANCE
7+35, LT	PAVED ENTRANCE
7+65, RT	PAVED ENTRANCE
8+75, LT	PAVED DRIVE
9+80, LT	PAVED DRIVE
9+80, RT	PAVED DRIVE
10+63, RT	PAVED DRIVE
11+77, LT	PAVED ENTRANCE
12+37, RT	PAVED DRIVE
21+94, LT	PAVED DRIVE
22+25, RT	PAVED ENTRANCE
22+53, RT	PAVED ENTRANCE

TYPE 5 ISLAND

LOCATION	DESCRIPTION
22+67.85 TO 22+93.24	PAVED ISLAND

CLEARING - ITEM NO. 201.III

STATION	TO	STATION	RT
0+37	TO	1+11	RT
2+19	TO	4+84	RT
4+40	TO	4+65	LT
8+13	TO	8+62	LT
9+27	TO	9+47	LT
11+28	TO	11+45	RT

REMOVING SINGLE TREE TOP ONLY - ITEM NO. 201.23

STATION	OFFSET	DESCRIPTION
5+62.50	47.4' LT	16" MAPLE
6+15.80	46.6' LT	20" MAPLE
7+05.02	42.1' LT	20" MAPLE
10+77.94	34.7' RT	24" SPRUCE
11+07.06	34.5' RT	28" SPRUCE
11+35.94	36.7' RT	20" SPRUCE
22+37.05	23.9' LT	26" MAPLE

REMOVING STUMP - ITEM NO. 201.24

STATION	OFFSET	DESCRIPTION
5+62.50	47.4' LT	16" MAPLE
6+15.80	46.6' LT	20" MAPLE
7+05.02	42.1' LT	20" MAPLE
10+77.94	34.7' RT	24" SPRUCE
11+07.06	34.5' RT	28" SPRUCE
11+35.94	36.7' RT	20" SPRUCE
22+37.05	23.9' LT	26" MAPLE

REMOVE MANHOLE OR CATCH BASIN - ITEM NO. 202.15

STATION	OFFSET	DESCRIPTION
6+82.17	23.2' RT	CATCH BASIN
10+02.77	21.8' LT	MANHOLE

TEXTURED ASPHALT PAVEMENT - ITEM NO. 403.1021

STATION	TO	STATION	LT
1+66	TO	5+00	LT
7+75	TO	11+93	LT
22+78	TO	22+94	RT

ADJUST MANHOLE OR CATCH BASIN TO GRADE - ITEM NO. 604.18

STATION	OFFSET
7+29.42	35.76' RT

CLEAN EXISTING CATCH BASIN AND MANHOLE - ITEM NO. 604.182

STATION	OFFSET
7+29.42	35.76' RT

UNDERDRAIN DELINEATOR POST - ITEM NO. 606.356

STATION	OFFSET
4+50.00	34.50' LT

CURB TYPE 3 - ITEM NO. 609.31

STRING LABEL	POINT NUMBER	STATION	OFFSET	TO	POINT NUMBER	STATION	OFFSET	LENGTH
MB01	1	21+79.88	14.00 FT. RT.	TO	2	22+06.74	14.00 FT. RT.	26.86'
MB01	2	22+06.74	14.00 FT. RT.	TO	3	22+16.73	24.52 FT. RT.	16.23'
MB02	4	22+28.56	23.98 FT. RT.	TO	5	22+37.97	15.41 FT. RT.	15.71'
MB02	5	22+37.97	15.41 FT. RT.	TO	6	22+44.28	27.31 FT. RT.	15.71'
MB03	7	22+55.80	31.98 FT. RT.	TO	8	22+66.08	25.94 FT. RT.	16.31'
MB03	8	22+66.08	25.94 FT. RT.	TO	9	22+83.10	39.03 FT. RT.	26.03'
MB03	9	22+83.10	39.03 FT. RT.	TO	10	22+96.94	80.92 FT. RT.	48.60'
MB07	20	22+84.70	58.32 FT. LT.	TO	21	22+26.32	18.24 FT. LT.	63.50'
MB07	21	22+26.32	18.24 FT. LT.	TO	22	22+09.53	16.71 FT. LT.	16.09'
MB04	10	22+96.94	80.92 FT. RT.	TO	11	6+73.69	15.00 FT. RT.	67.30'
MB04	11	6+73.69	15.00 FT. RT.	TO	12	6+73.95	26.99 FT. RT.	18.59'
MB04	12	6+73.95	26.99 FT. RT.	TO	13	6+46.25	28.24 FT. RT.	27.80'
MB04	13	6+46.25	28.24 FT. RT.	TO	14	5+85.38	38.94 FT. RT.	62.15'
MB04	14	5+85.38	38.91 FT. RT.	TO	15	5+84.60	39.18 FT. RT.	0.82'
MB05	16	7+28.81	15.00 FT. RT.	TO	17	7+46.15	15.00 FT. RT.	17.36'
MB06	18	2+50.00	15.00 FT. RT.	TO	19	4+24.73	15.00 FT. RT.	174.97'
MB06	19	4+24.73	15.00 FT. RT.	TO	20	4+67.14	19.27 FT. RT.	42.69'
MB08	23	3+14.32	21.43 FT. LT.	TO	24	3+78.61	23.32 FT. LT.	64.18'

CURB TYPE 5 - ITEM NO. 609.34

STRING LABEL	POINT NUMBER	STATION	OFFSET	TO	POINT NUMBER	STATION	OFFSET	LENGTH
MG01	26	22+69.69	2.24 FT. LT.	TO	27	22+89.95	3.71 FT. LT.	19.72'
MG01	28	22+93.20	0.89 FT. LT.	TO	29	22+93.24	0.03 FT. RT.	0.92'
MG01	30	22+90.04	3.19 FT. RT.	TO	25	22+69.70	1.75 FT. RT.	20.89'

CURB TYPE 5 CIRCULAR - ITEM NO. 609.35

STRING LABEL	POINT NUMBER	STATION	OFFSET	TO	POINT NUMBER	STATION	OFFSET	LENGTH	RADIUS
MG01	25	22+69.70	1.75 FT. RT.	TO	26	22+69.69	2.24 FT. LT.	6.00'	2.0' RAD
MG01	27	22+89.95	3.71 FT. LT.	TO	28	22+93.20	0.89 FT. LT.	4.72'	3.0' RAD
MG01	29	22+93.24	0.03 FT. RT.	TO	30	22+90.04	3.19 FT. RT.	5.14'	3.0' RAD

SEEDING METHOD NUMBER 2, PLAN QUANTITY - ITEM 618.1401

STATION	TO	STATION	LT
0+50	TO	13+00	LT
0+50	TO	4+75	RT
5+80	TO	13+00	RT
21+50	TO	22+94	LT
21+50	TO	22+94	RT

Username: \$(WIN_USERNAME) Date: 8/15/2011

Division: HIGHWAY

Filename: ... \00\highway\msto\006_Notes.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-1724(400)X
PIN 017244.00
HIGHWAY PLANS

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

DATE
6/2011
6/2011

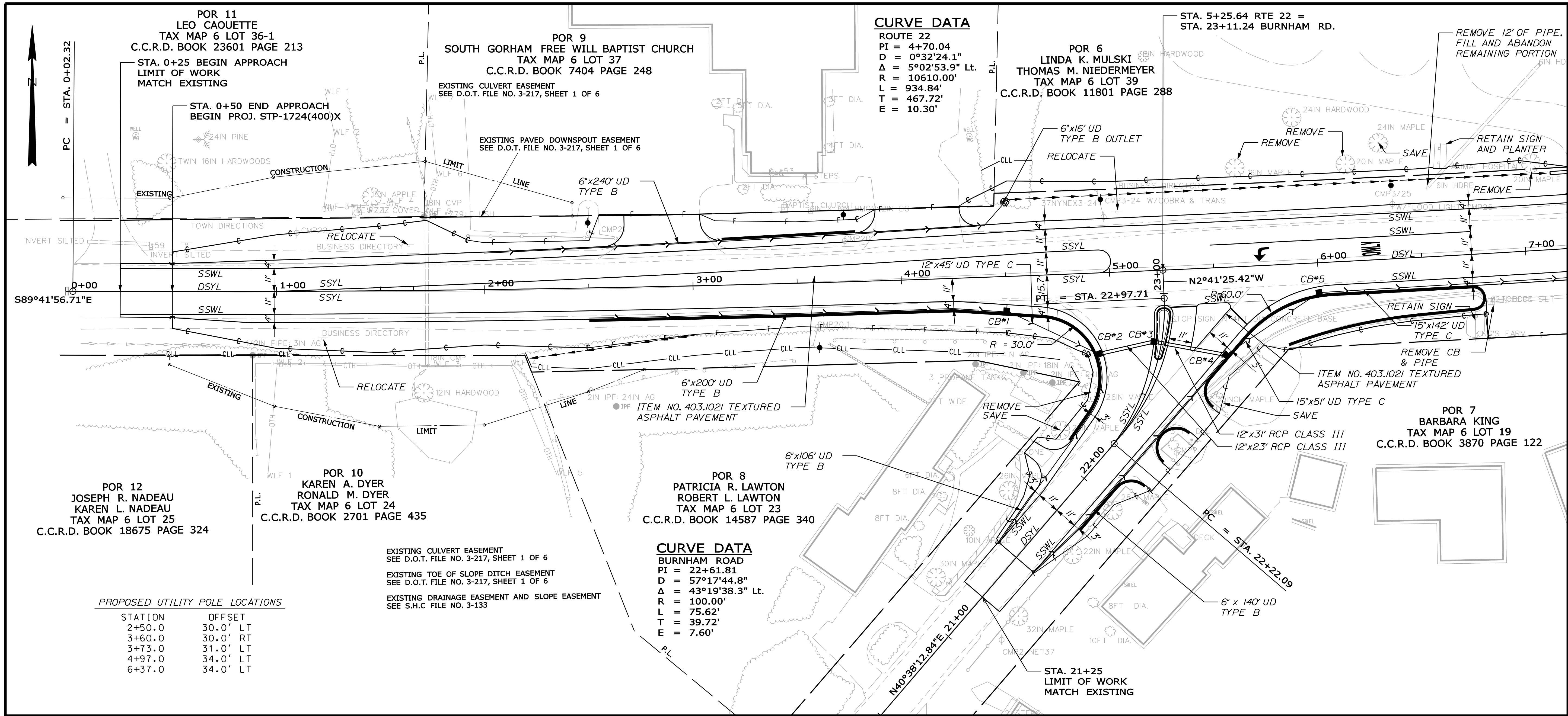
BY
E. Martin
J. Parrelli
R. Pinckney

SIGNATURE
P.E. NUMBER
DATE

GORHAM
RTE 22 & BURNHAM RD
CONSTRUCTION NOTES

SHEET NUMBER
6
OF 30

Filename: ... \highway\msta007_HDPlan1.dgn
 Division: HIGHWAY
 Username: \$(WIN_USERNAME)
 Date: 8/15/2011

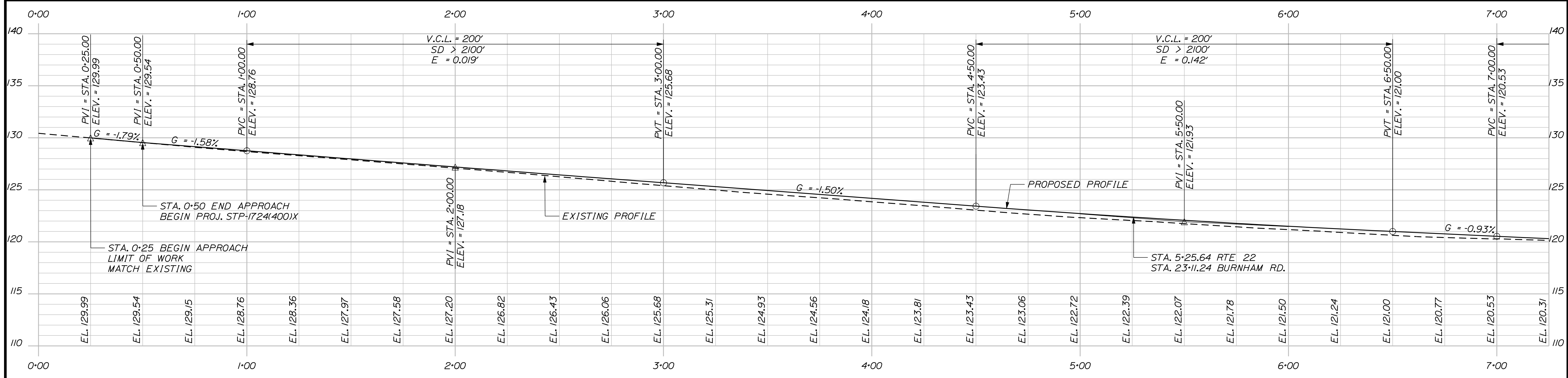


CURVE DATA
 ROUTE 22
 PI = 4+70.04
 D = 0°32'24.1"
 Δ = 5°02'53.9" Lt.
 R = 10610.00'
 L = 934.84'
 T = 467.72'
 E = 10.30'

CURVE DATA
 BURNHAM ROAD
 PI = 22+61.81
 D = 57°17'44.8"
 Δ = 43°19'38.3" Lt.
 R = 100.00'
 L = 75.62'
 T = 39.72'
 E = 7.60'

PROPOSED UTILITY POLE LOCATIONS

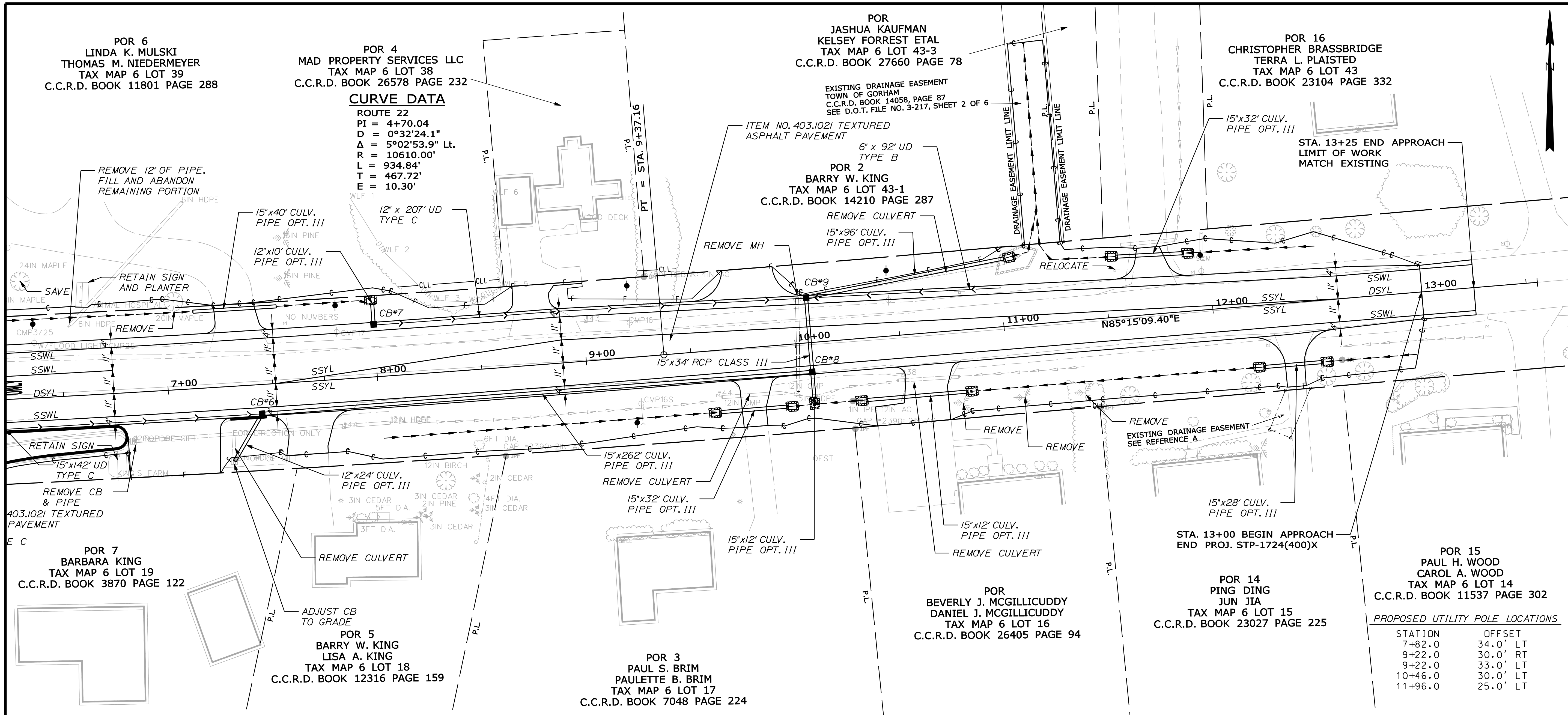
STATION	OFFSET
2+50.0	30.0' LT
3+60.0	30.0' RT
3+73.0	31.0' LT
4+97.0	34.0' LT
6+37.0	34.0' LT



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	STP-1724(400)X	HIGHWAY PLANS
GORHAM		RTE 22 & BURNHAM RD		
PLANS		SHEET NUMBER		
OF 30		PIN 017244.00		

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. Morin	J. Parrilli	6/2011			
DESIGN DETAILED	J. Parrilli	6/2011			
CHECKED-REVIEWED	R. Pinckney	6/2011			
DESIGNS DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

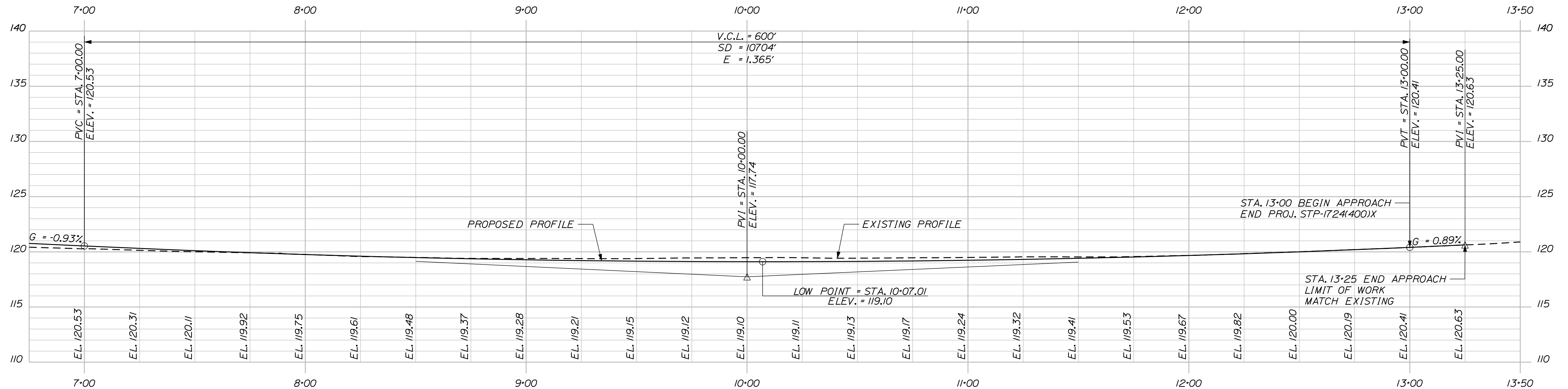
Filename: ... \highway\msta\008_HDPlan2.dgn
 Division: HIGHWAY
 Username: \$(WIN_USERNAME) Date: 8/15/2011



CURVE DATA
 ROUTE 22
 PI = 4+70.04
 D = 0°32'24.1"
 Δ = 5°02'53.9" Lt.
 R = 10610.00'
 L = 934.84'
 T = 467.72'
 E = 10.30'

PROPOSED UTILITY POLE LOCATIONS

STATION	OFFSET
7+82.0	34.0' LT
9+22.0	30.0' RT
9+22.0	33.0' LT
10+46.0	30.0' LT
11+96.0	25.0' LT

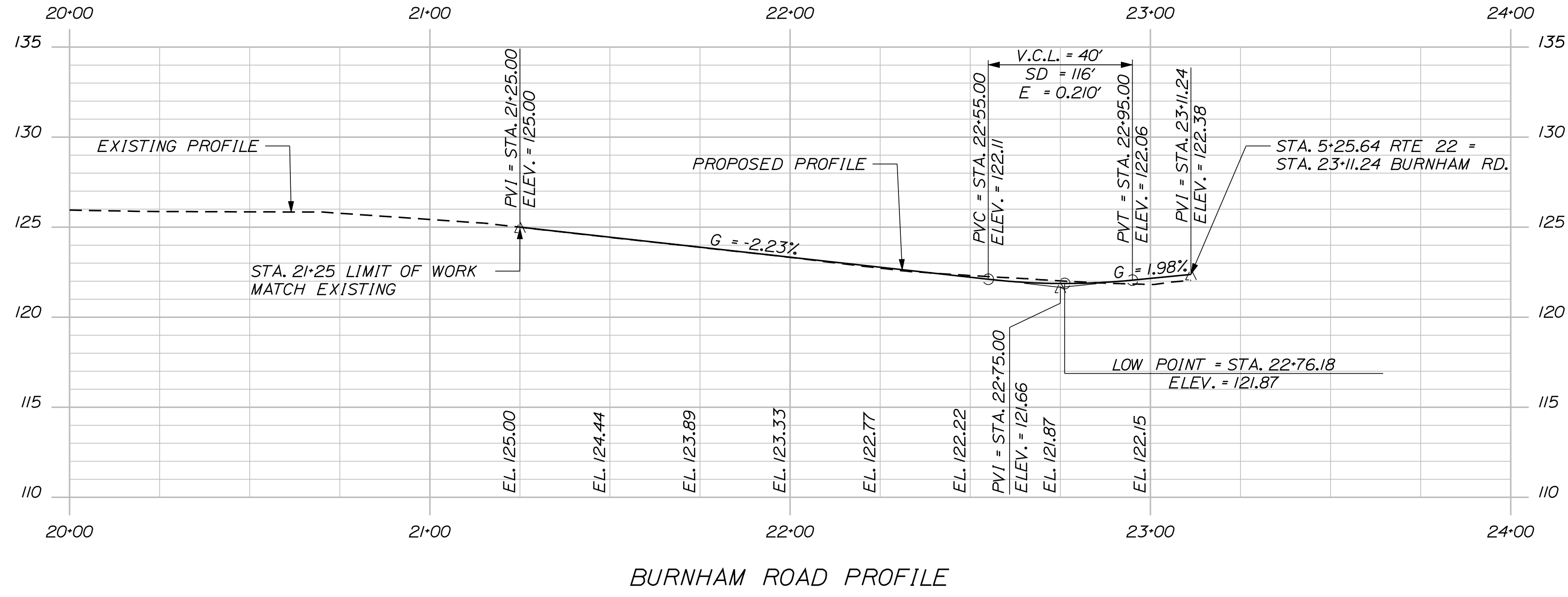


STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 STP-1724(400)X
 PIN 017244.00
 HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE
E. Morin	J. Parrilli	6/2011	
DESIGN-DETAILED	J. Parrilli	6/2011	
CHECKED-REVIEWED	R. Pinckney	6/2011	
DESIGNS-DETAILED			
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

GORHAM
 RTE 22 & BURNHAM RD
 PLANS

SHEET NUMBER
 8
 OF 30



SHEET NUMBER

9

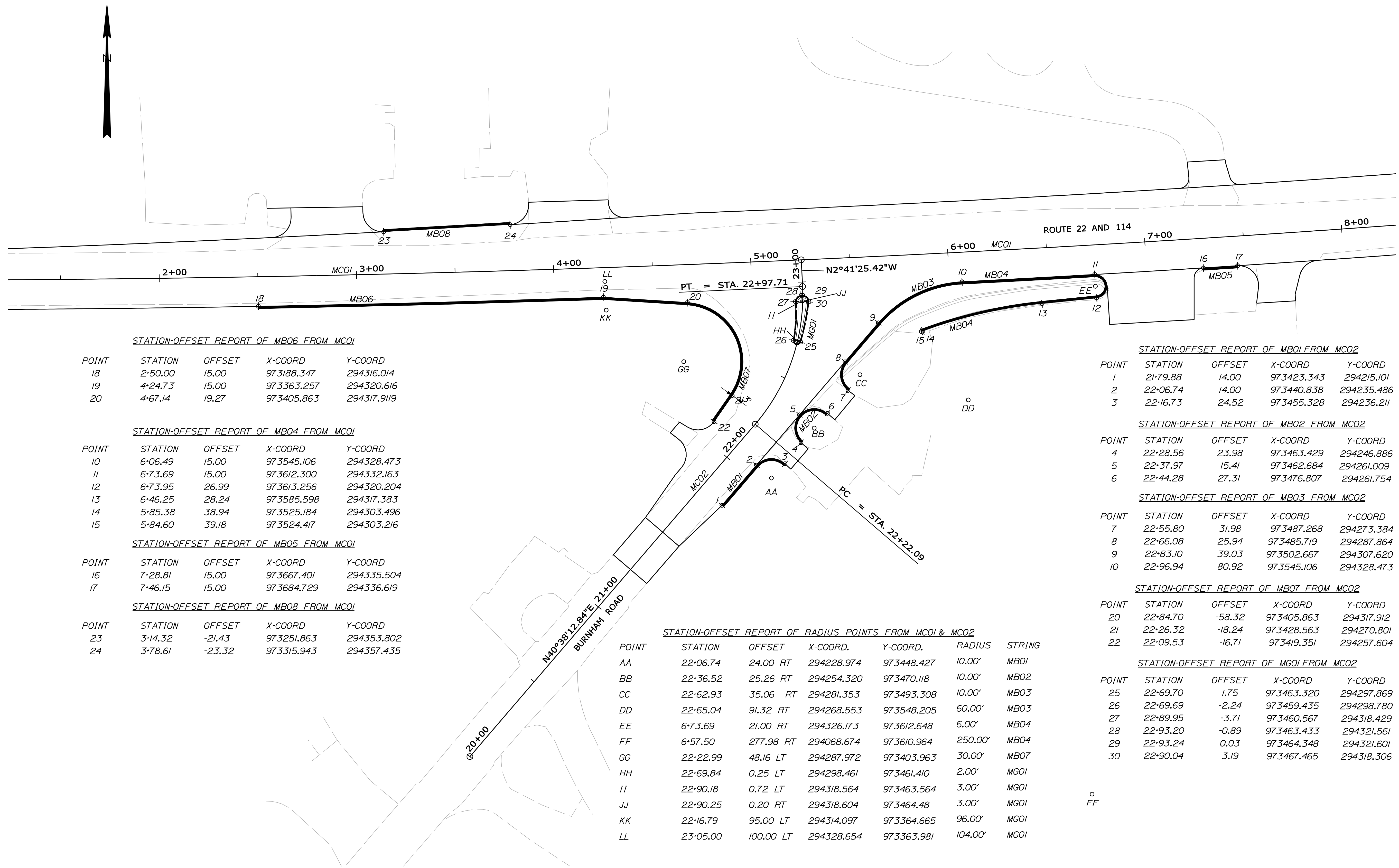
OF 30

GORHAM
RTE 22 & BURNHAM RD
PROFILES

PROJ. MANAGER	E. Marlin	BY	DATE
DESIGN DETAILED	J. Parrilli	J. Parrilli	6/2011
CHECKED/REVIEWED	R. Pinckney	R. Pinckney	6/2011
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-1724(400)X
PIN 017244.00
HIGHWAY PLANS



POINT	STATION	OFFSET	X-COORD	Y-COORD
18	2+50.00	15.00	973188.347	294316.014
19	4+24.73	15.00	973363.257	294320.616
20	4+67.14	19.27	973405.863	294317.919

STATION-OFFSET REPORT OF MB04 FROM MCO1

POINT	STATION	OFFSET	X-COORD	Y-COORD
10	6+06.49	15.00	973545.106	294328.473
11	6+73.69	15.00	973612.300	294332.163
12	6+73.95	26.99	973613.256	294320.204
13	6+46.25	28.24	973585.598	294317.383
14	5+85.38	38.94	973525.184	294303.496
15	5+84.60	39.18	973524.417	294303.216

STATION-OFFSET REPORT OF MB05 FROM MCO1

POINT	STATION	OFFSET	X-COORD	Y-COORD
16	7+28.81	15.00	973667.401	294335.504
17	7+46.15	15.00	973684.729	294336.619

STATION-OFFSET REPORT OF MB08 FROM MCO1

POINT	STATION	OFFSET	X-COORD	Y-COORD
23	3+14.32	-21.43	973251.863	294353.802
24	3+78.61	-23.32	973315.943	294357.435

STATION-OFFSET REPORT OF RADIUS POINTS FROM MCO1 & MCO2

POINT	STATION	OFFSET	X-COORD	Y-COORD	RADIUS	STRING
AA	22+06.74	24.00 RT	294228.974	973448.427	10.00'	MB01
BB	22+36.52	25.26 RT	294254.320	973470.118	10.00'	MB02
CC	22+62.93	35.06 RT	294281.353	973493.308	10.00'	MB03
DD	22+65.04	91.32 RT	294268.553	973548.205	60.00'	MB03
EE	6+73.69	21.00 RT	294326.173	973612.648	6.00'	MB04
FF	6+57.50	277.98 RT	294068.674	973610.964	250.00'	MB04
GG	22+22.99	48.16 LT	294287.972	973403.963	30.00'	MB07
HH	22+69.84	0.25 LT	294298.461	973461.410	2.00'	MGO1
II	22+90.18	0.72 LT	294318.564	973463.564	3.00'	MGO1
JJ	22+90.25	0.20 RT	294318.604	973464.48	3.00'	MGO1
KK	22+16.79	95.00 LT	294314.097	973364.665	96.00'	MGO1
LL	23+05.00	100.00 LT	294328.654	973363.981	104.00'	MGO1

STATION-OFFSET REPORT OF MBO1 FROM MCO2

POINT	STATION	OFFSET	X-COORD	Y-COORD
1	21+79.88	14.00	973423.343	294215.101
2	22+06.74	14.00	973440.838	294235.486
3	22+16.73	24.52	973455.328	294236.211

STATION-OFFSET REPORT OF MBO2 FROM MCO2

POINT	STATION	OFFSET	X-COORD	Y-COORD
4	22+28.56	23.98	973463.429	294246.886
5	22+37.97	15.41	973462.684	294261.009
6	22+44.28	27.31	973476.807	294261.754

STATION-OFFSET REPORT OF MBO3 FROM MCO2

POINT	STATION	OFFSET	X-COORD	Y-COORD
7	22+55.80	31.98	973487.268	294273.384
8	22+66.08	25.94	973485.719	294287.864
9	22+83.10	39.03	973502.667	294307.620
10	22+96.94	80.92	973545.106	294328.473

STATION-OFFSET REPORT OF MBO7 FROM MCO2

POINT	STATION	OFFSET	X-COORD	Y-COORD
20	22+84.70	-58.32	973405.863	294317.912
21	22+26.32	-18.24	973428.563	294270.801
22	22+09.53	-16.71	973419.351	294257.604

STATION-OFFSET REPORT OF MGO1 FROM MCO2

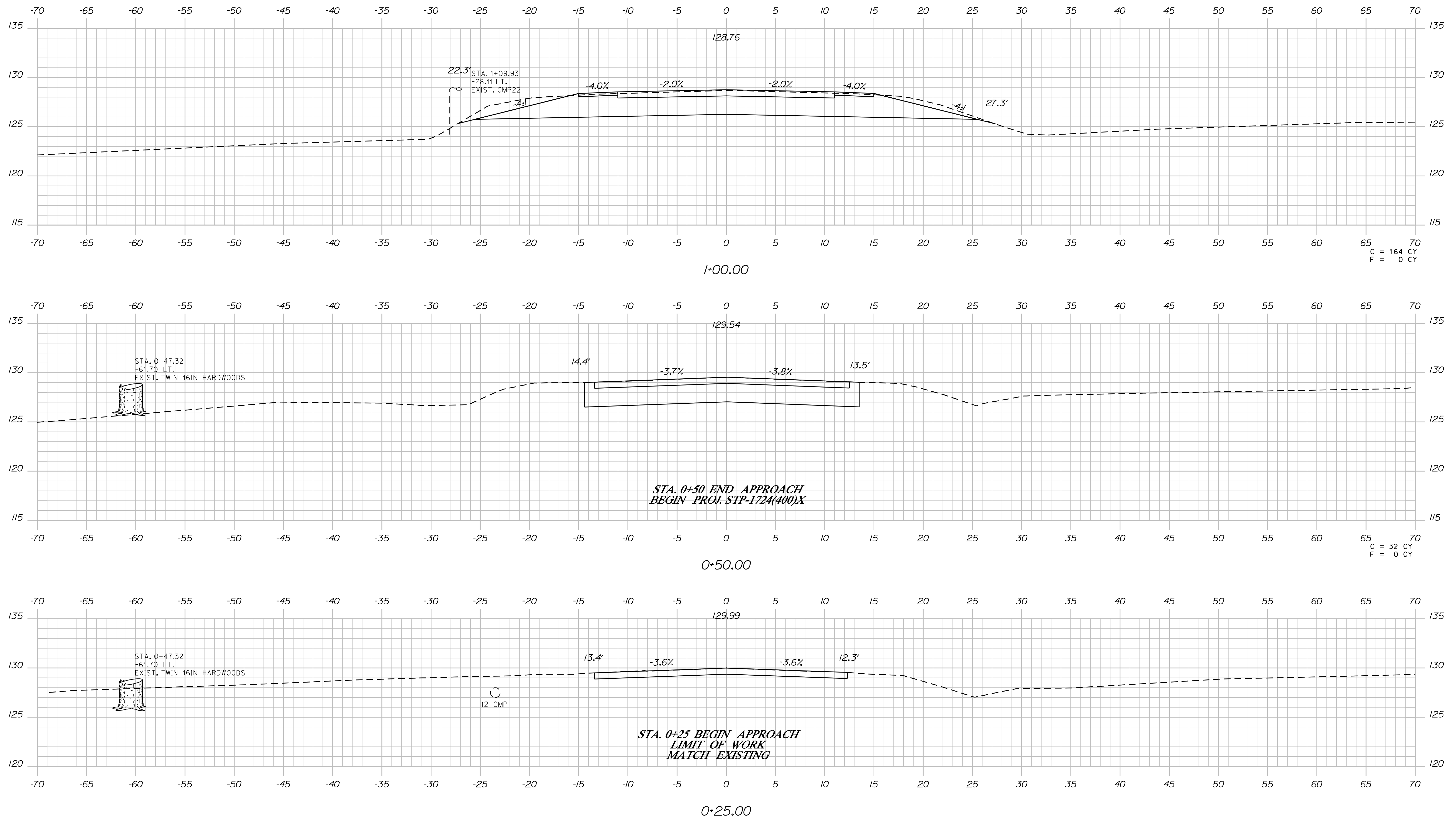
POINT	STATION	OFFSET	X-COORD	Y-COORD
25	22+69.70	1.75	973463.320	294297.869
26	22+69.69	-2.24	973459.435	294298.780
27	22+89.95	-3.71	973460.567	294318.429
28	22+93.20	-0.89	973463.433	294321.561
29	22+93.24	0.03	973464.348	294321.601
30	22+90.04	3.19	973467.465	294318.306

PROJ. MANAGER	DESIGN DETAILED	CHECKED/REVIEWED	DATE
E. Merrill	J. Parrilli	J. Parrilli	6/20/11
	R. Pinckney	R. Pinckney	6/20/11

SIGNATURE	P.E. NUMBER	DATE

GORHAM
RTE 22 & BURNHAM RD
GEOMETRIC CURB LAYOUT

Filename: ... \msto\011_xsect_RT_22-1.dgn
 Division: HIGHWAY
 Username: \$(WIN_USERNAME) Date: 8/15/2011



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 STP-1724(400)X
 PIN 017244.00
 HIGHWAY PLANS

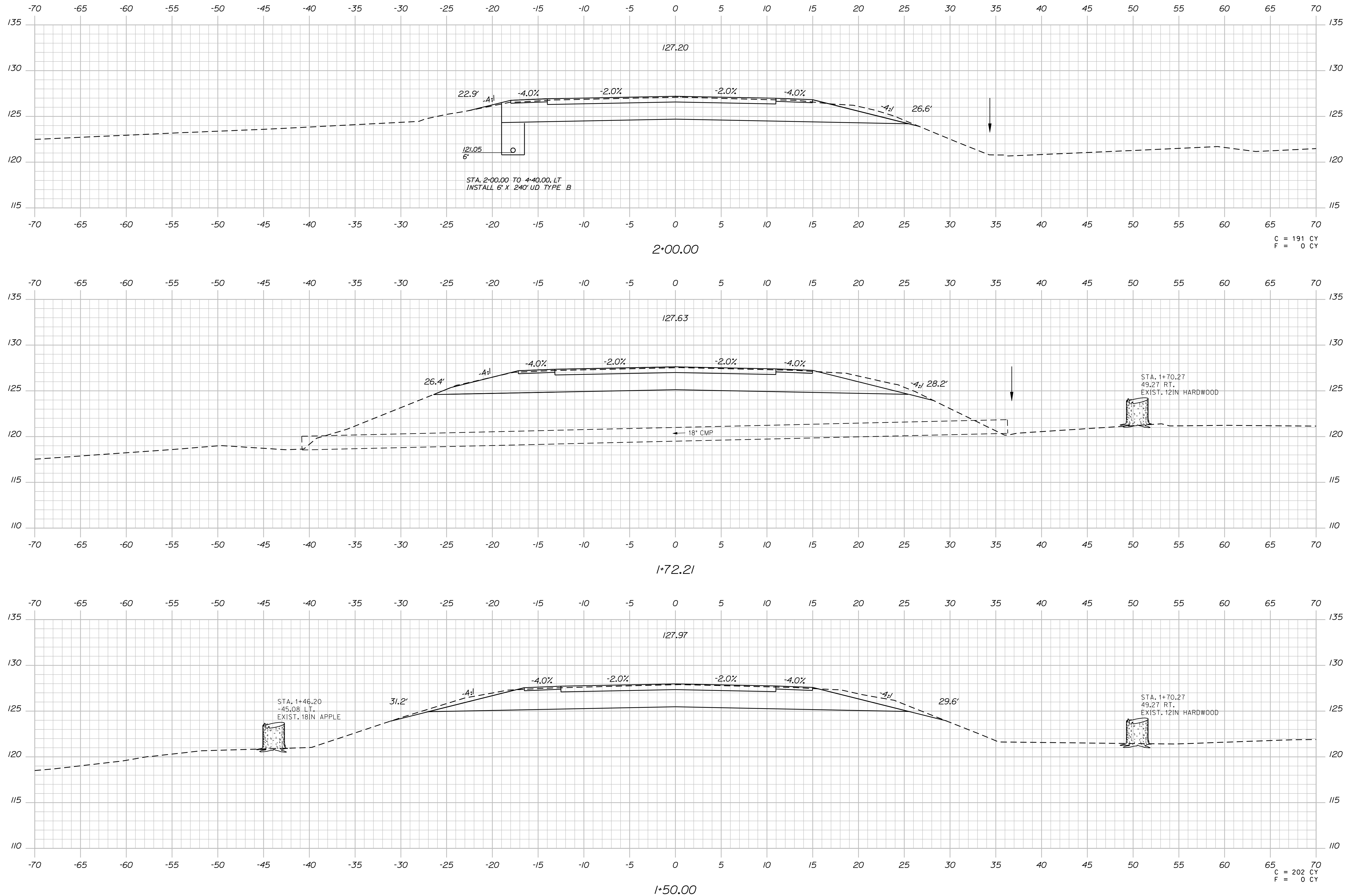
PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. Martin	J. Parrilli	6/2011			
CHECKED-REVIEWED	R. Pinckney	6/2011			
DESIGNS DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

GORHAM
 RTE 22 & BURNHAM RD
 CROSS SECTIONS

SHEET NUMBER
11
 OF 30

Sta. 0+25.00 to Sta. 1+00.00

Filename: ... \msto\012_Xsect_RT_22-2.dgn Division: HIGHWAY Username: \$(WIN_USERNAME) Date: 8/15/2011



STA. 2+00.00 TO 4+40.00, LT
 INSTALL 6" X 240' UD TYPE B

STA. 1+70.27
 49.27 RT.
 EXIST. 12IN HARDWOOD

STA. 1+46.20
 -45.08 LT.
 EXIST. 18IN APPLE

STA. 1+70.27
 49.27 RT.
 EXIST. 12IN HARDWOOD

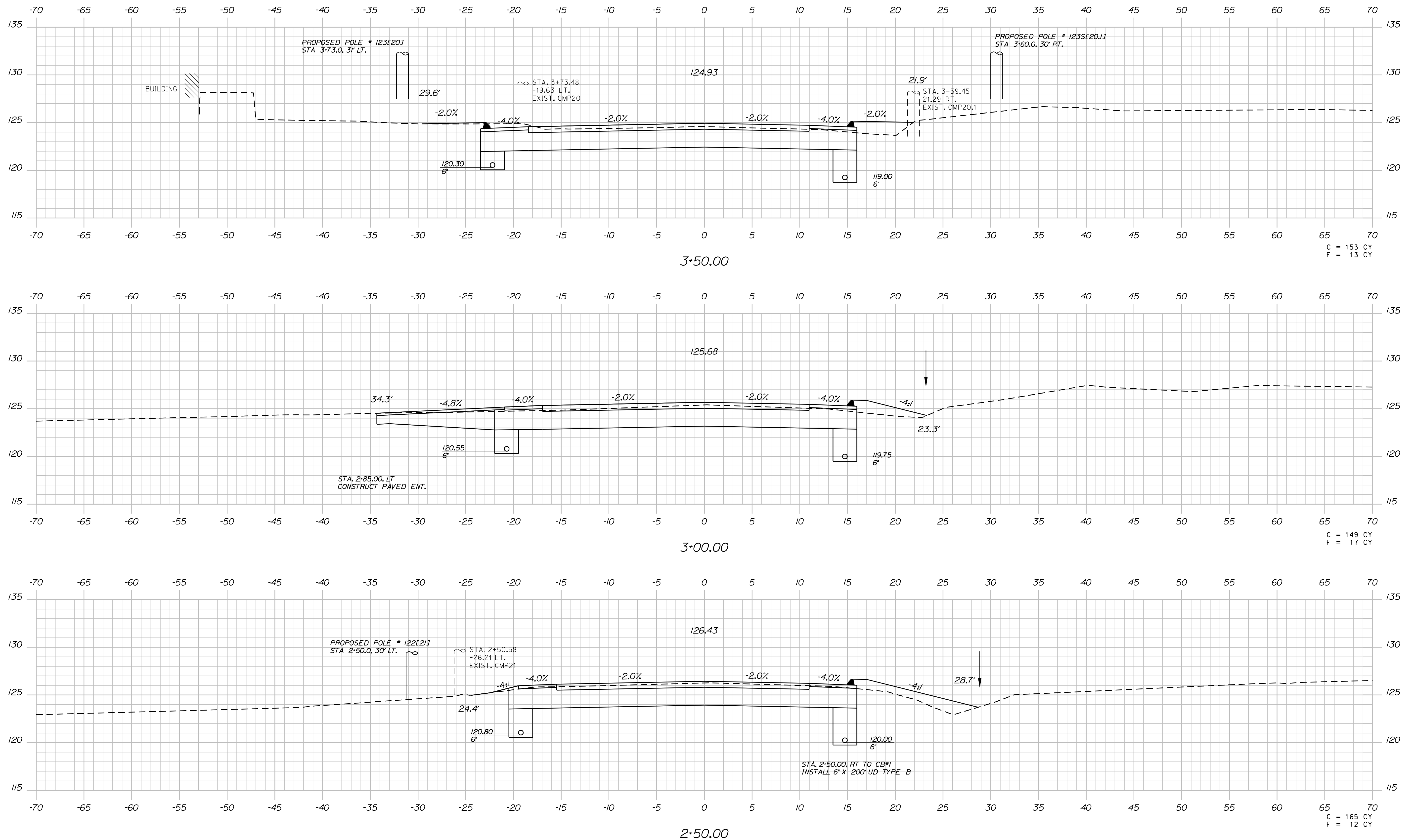
STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 STP-1724(400)X
 PIN 017244.00
 HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. Martin	J. Parrelli	6/2011			
CHECKED-REVIEWED	R. Pinckney	6/2011			
DESIGNS DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

GORHAM
 RTE 22 & BURNHAM RD
 CROSS SECTIONS

SHEET NUMBER
12
 OF 30

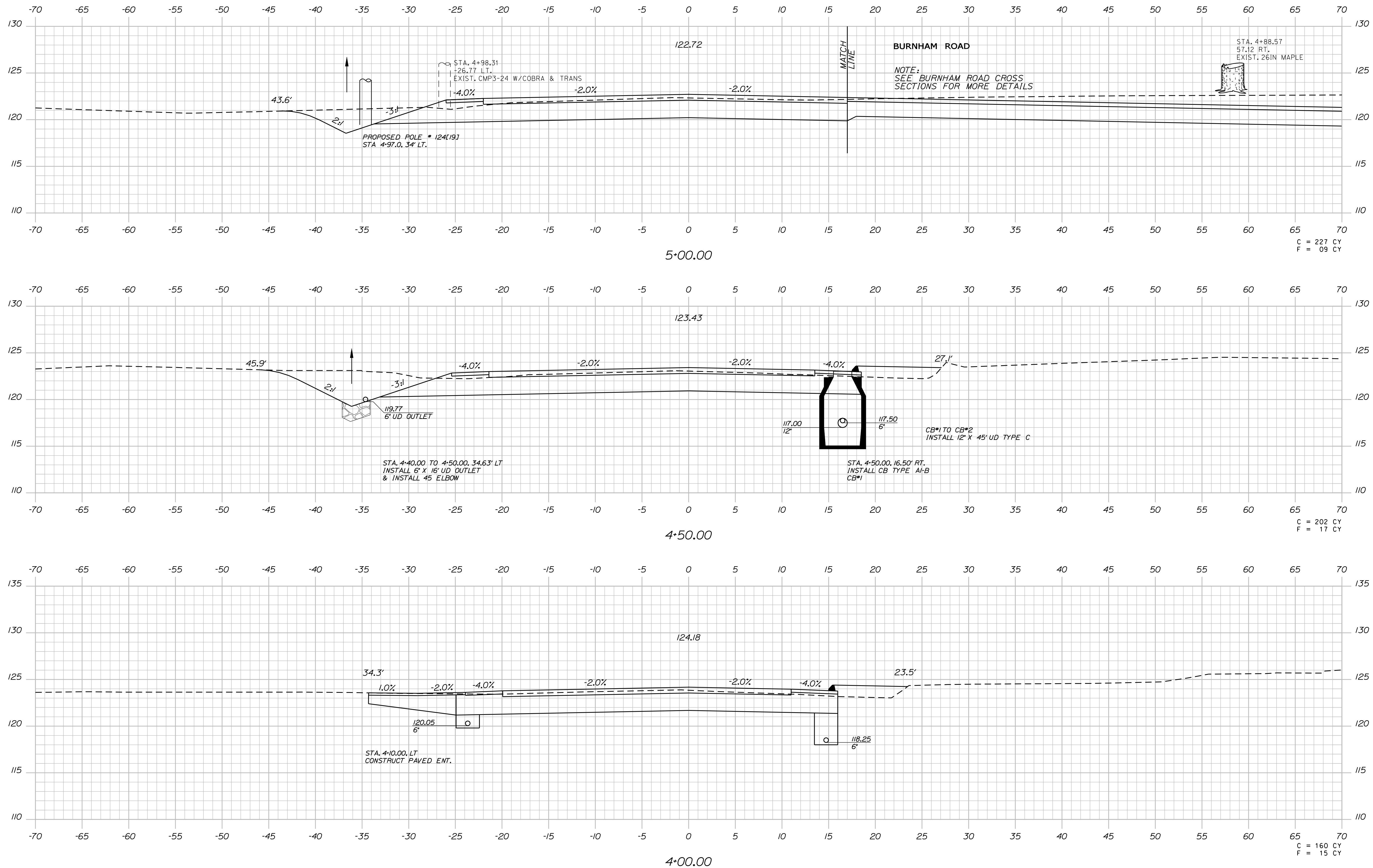
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STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1724(400)X	
PIN 017244.00		HIGHWAY PLANS	
	SIGNATURE	P.E. NUMBER	DATE
PROJ. MANAGER E. Martin	BY J. Parrilli R. Pinckney	DATE 6/2011 6/2011	DATE
DESIGN-DETAILED J. Parrilli	CHECKED-REVIEWED R. Pinckney	DESIGN-DETAILED	DATE
DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 1	DATE
REVISIONS 1	REVISIONS 2	REVISIONS 3	DATE
REVISIONS 2	REVISIONS 3	REVISIONS 4	DATE
REVISIONS 3	REVISIONS 4	FIELD CHANGES	DATE
REVISIONS 4	FIELD CHANGES	FIELD CHANGES	
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CROSS SECTIONS			
SHEET NUMBER			
13			
OF 30			

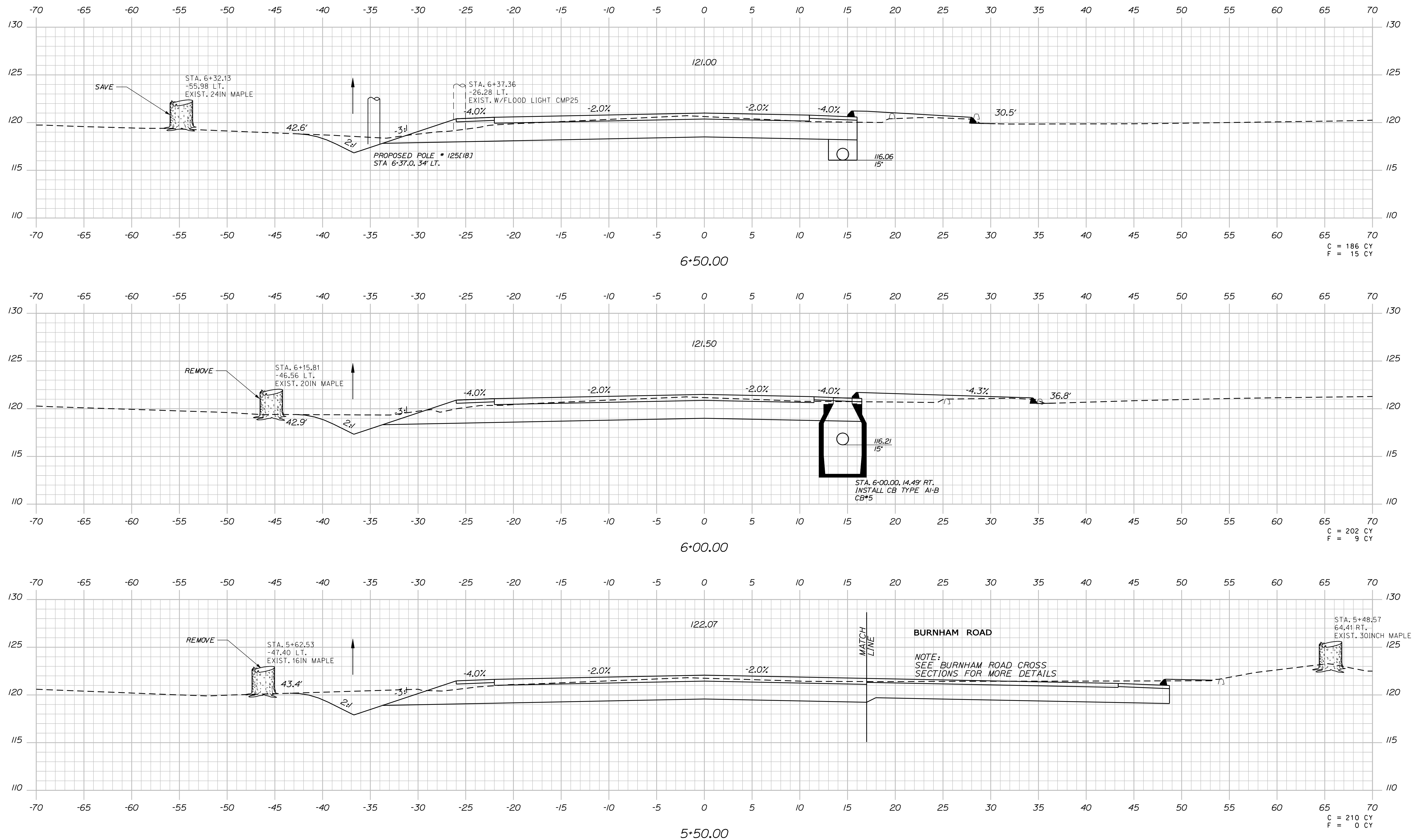
Sta. 2+50.00 to Sta. 3+50.00

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 Division: HIGHWAY
 Username: \$(WIN_USERNAME)
 Date: 8/15/2011



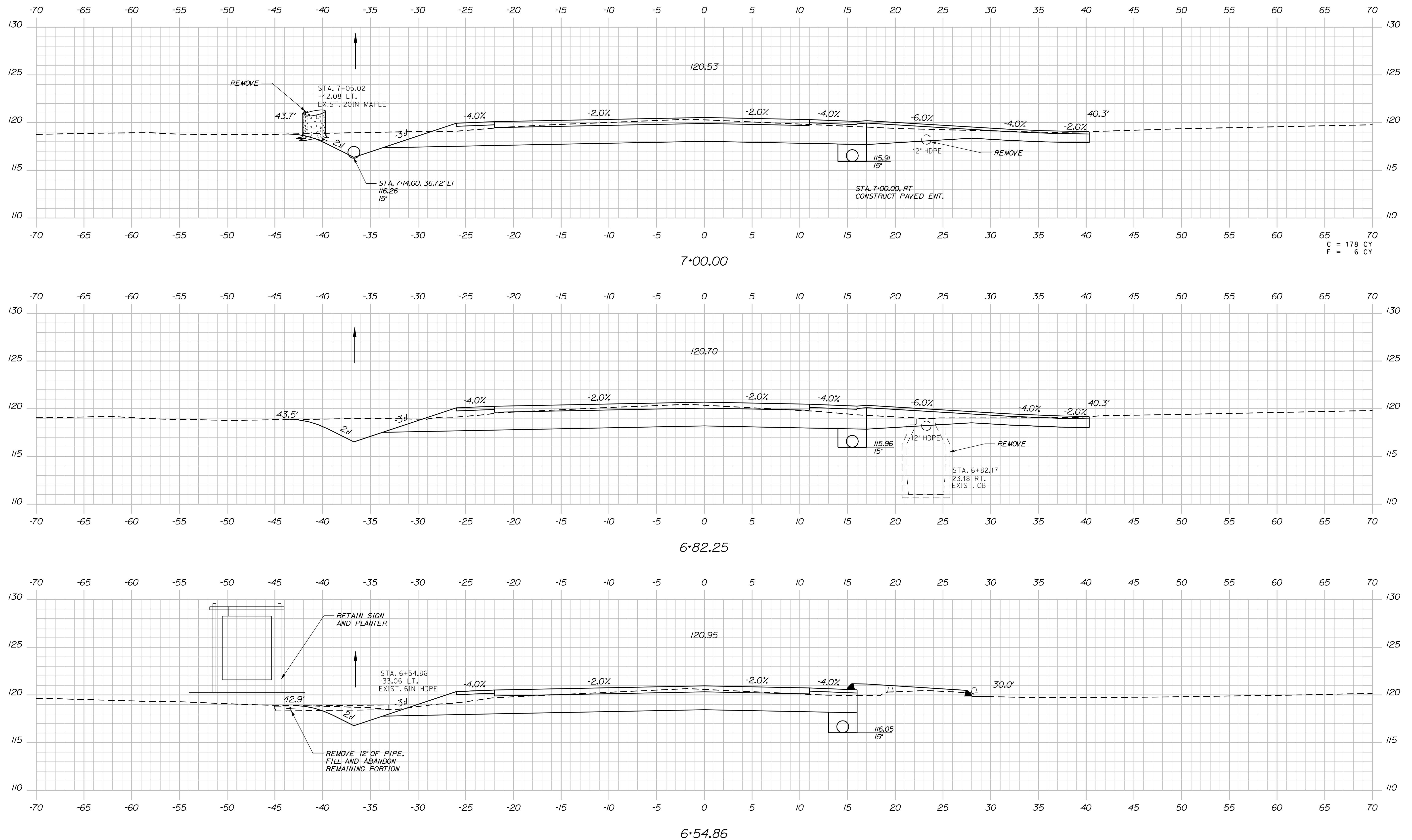
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1724(400)X		PIN 017244.00	
HIGHWAY PLANS			
PROJ. MANAGER	DATE	BY	DATE
E. Merrill	6/2011	J. Parrilli	6/2011
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	CHECKED-REVIEWED
J. Parrilli	R. Pinckney	J. Parrilli	R. Pinckney
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
FIELD CHANGES			
SIGNATURE		P.E. NUMBER	
DATE		DATE	
GORHAM RTE 22 & BURNHAM RD			
CROSS SECTIONS			
SHEET NUMBER			
14			
OF 30			

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 Division: HIGHWAY
 Username: \$(WIN_USERNAME)
 Date: 8/15/2011



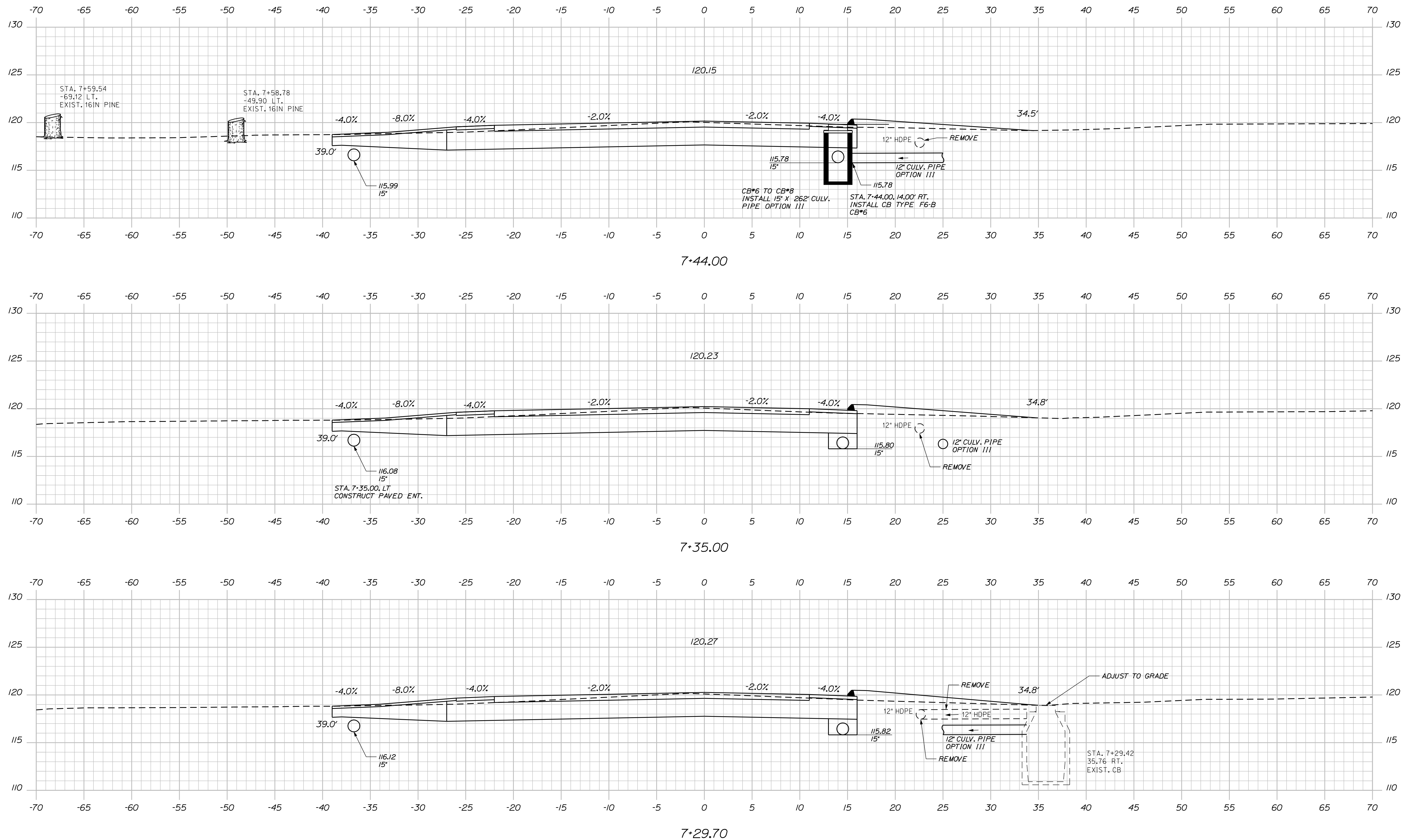
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GORHAM		RTE 22 & BURNHAM RD		CROSS SECTIONS	
SHEET NUMBER		15		OF 30	
PROJECT MANAGER		E. Martin		HIGHWAY PLANS	
DESIGN-DETAILED		J. Parrelli		PIN	
CHECKED-REVIEWED		R. Pinckney		017244.00	
DESIGN-DETAILED				DATE	
DESIGN-DETAILED				SIGNATURE	
REVISIONS 1				P.E. NUMBER	
REVISIONS 2				DATE	
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

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 Username: \$(WIN_USERNAME)
 Date: 8/15/2011



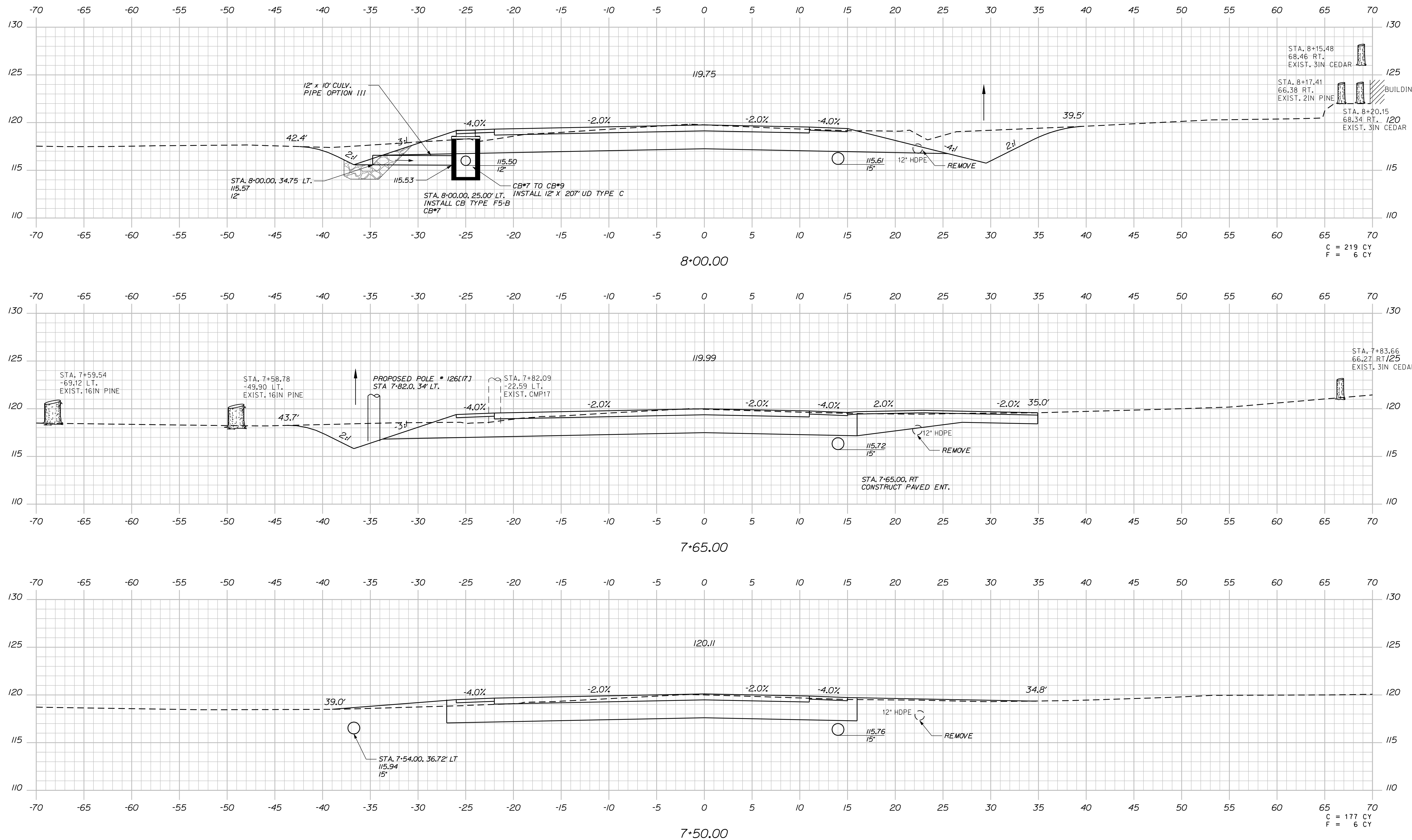
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1724(400)X	
PIN 017244.00		HIGHWAY PLANS	
	SIGNATURE	P.E. NUMBER	DATE
PROJ. MANAGER E. Martin	BY J. Parrilli R. Pinckney	DATE 6/2011 6/2011	
DESIGN DETAILED J. Parrilli	CHECKED/REVIEWED R. Pinckney	DESIGN DETAILED	
DESIGN DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
GORHAM RTE 22 & BURNHAM RD			
CROSS SECTIONS			
SHEET NUMBER			
16			
OF 30			

Filename: ... \msto\017_Xsect_RT_22-7.dgn Division: HIGHWAY Username: \$(WIN_USERNAME) Date: 8/15/2011



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1724(400)X	
HIGHWAY PLANS		PIN 017244.00	
	SIGNATURE	P.E. NUMBER	DATE
DATE	6/2011	6/2011	6/2011
BY	J. Parrilli R. Pinckney	J. Parrilli R. Pinckney	J. Parrilli R. Pinckney
PROJ. MANAGER	E. Marlich	E. Marlich	E. Marlich
DESIGN DETAILED	J. Parrilli	J. Parrilli	J. Parrilli
CHECKED/REVIEWED	R. Pinckney	R. Pinckney	R. Pinckney
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
GORHAM RTE 22 & BURNHAM RD CROSS SECTIONS			
SHEET NUMBER 17 OF 30			

Filename: ... \msto\018_Xsect_RT 22-8.dgn
 Division: HIGHWAY
 Username: \$(WIN_USERNAME)
 Date: 8/15/2011



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 STP-1724(400)X
 PIN 017244.00
 HIGHWAY PLANS

DATE	SIGNATURE	P.E. NUMBER	DATE
6/2011	J. Parrelli		
6/2011	R. Pinckney		

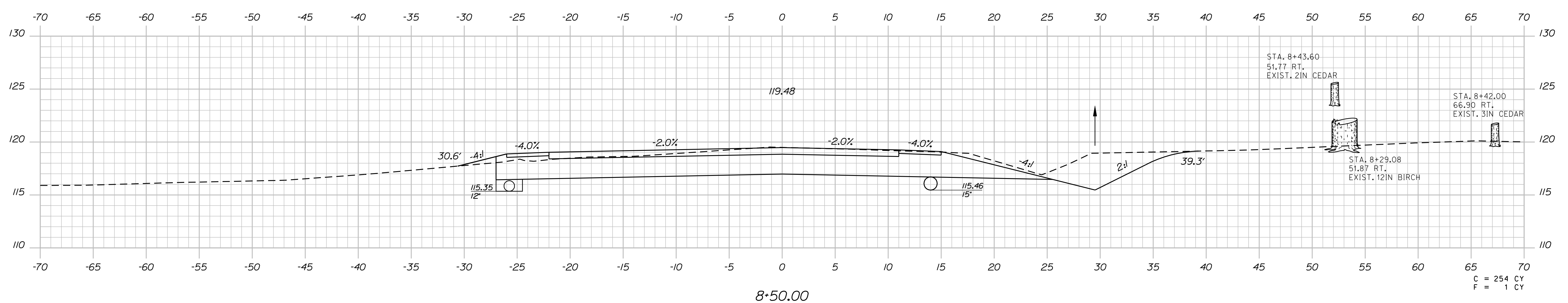
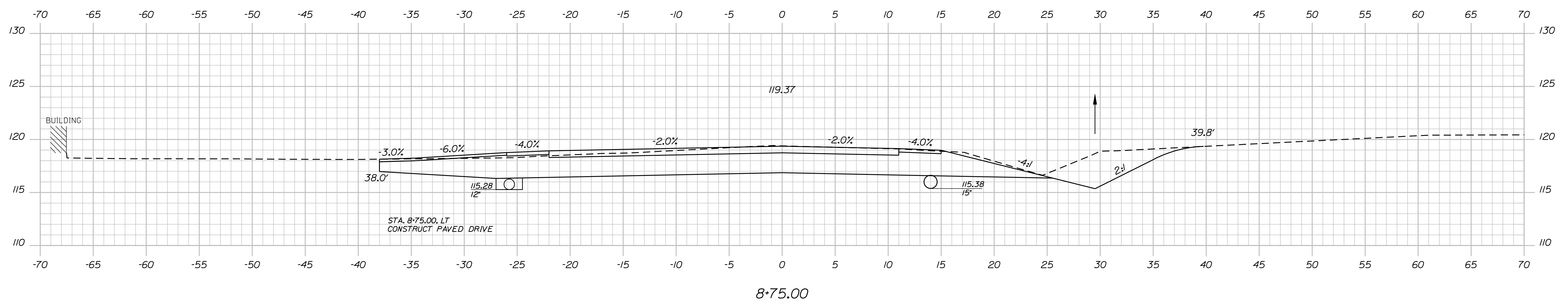
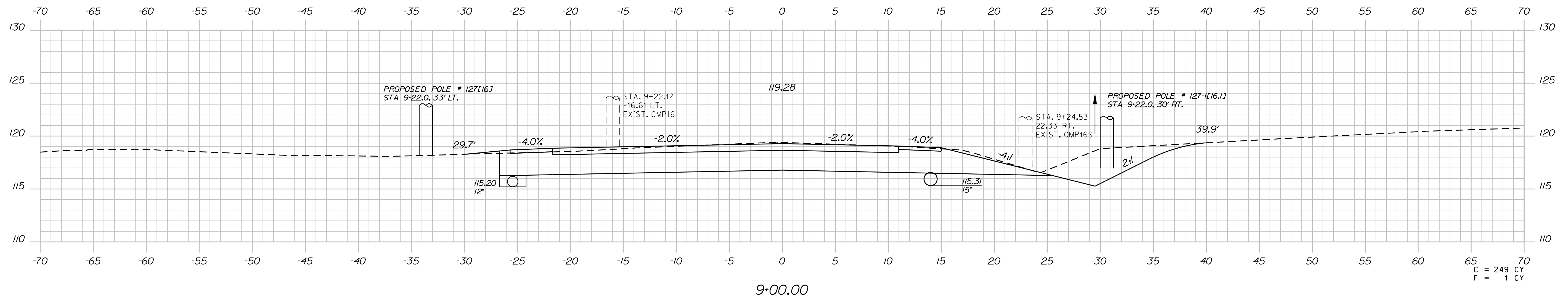
PROJ. MANAGER	DESIGN DETAILED	CHECKED/REVIEWED	DESIGN DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
E. Marlin	J. Parrelli	J. Parrelli	R. Pinckney					

GORHAM
 RTE 22 & BURNHAM RD
 CROSS SECTIONS

SHEET NUMBER
18
 OF 30

Sta. 7+50.00 to Sta. 8+00.00

Filename: ... \msto\019_Xsect_RT_22-9.dgn
 Division: HIGHWAY
 Username: \$(WIN_USERNAME)
 Date: 8/15/2011



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 STP-1724(400)X
 PIN 017244.00
 HIGHWAY PLANS

DESIGN DETAILED	CHECKED/REVIEWED	DESIGN DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
J. Parrilli	R. Pinckney	R. Pinckney					

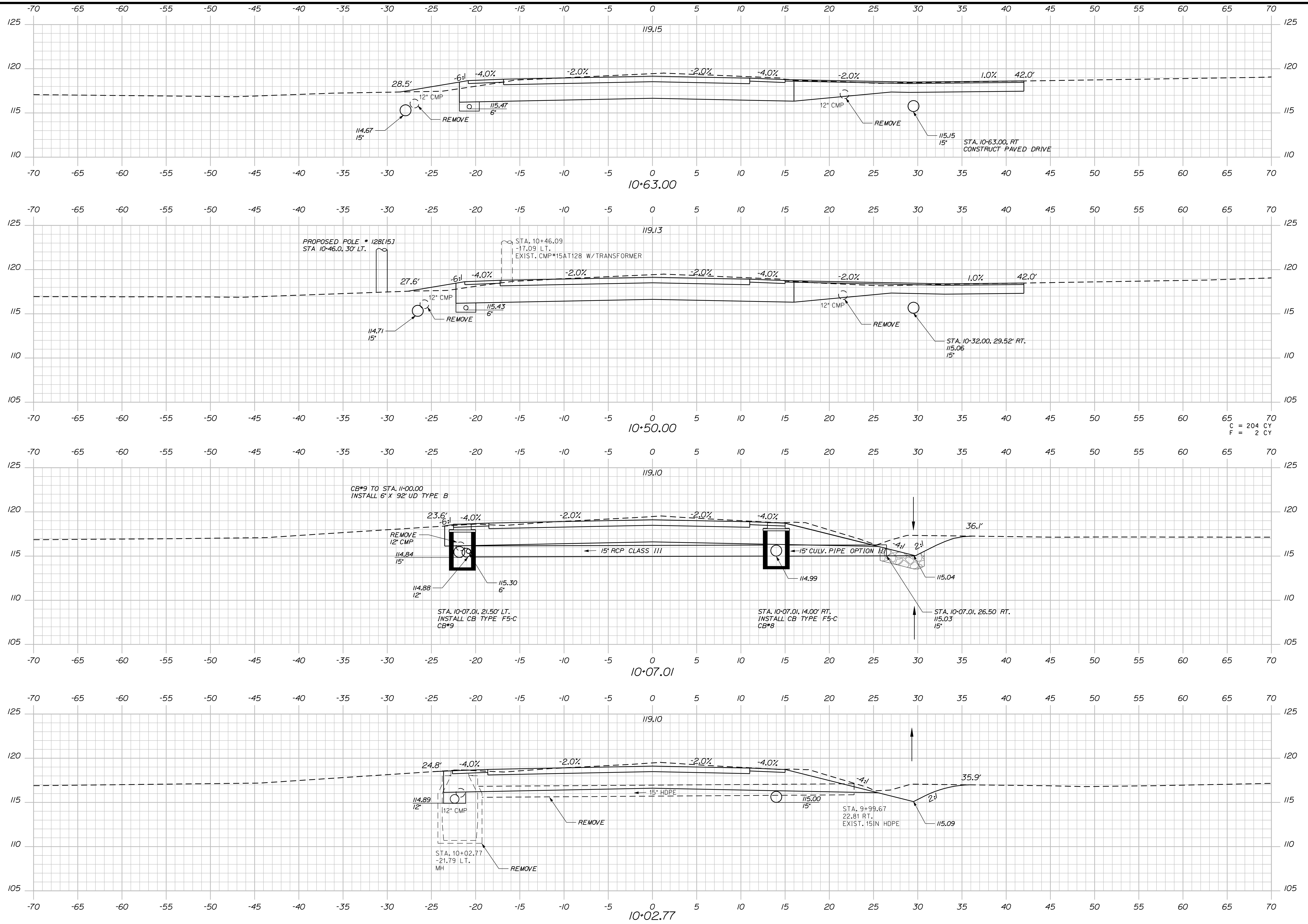
DATE	BY	PROJ. MANAGER	SIGNATURE	P.E. NUMBER	DATE
6/2011	J. Parrilli	E. Martin			
6/2011	R. Pinckney				

GORHAM
 RTE 22 & BURNHAM RD
 CROSS SECTIONS

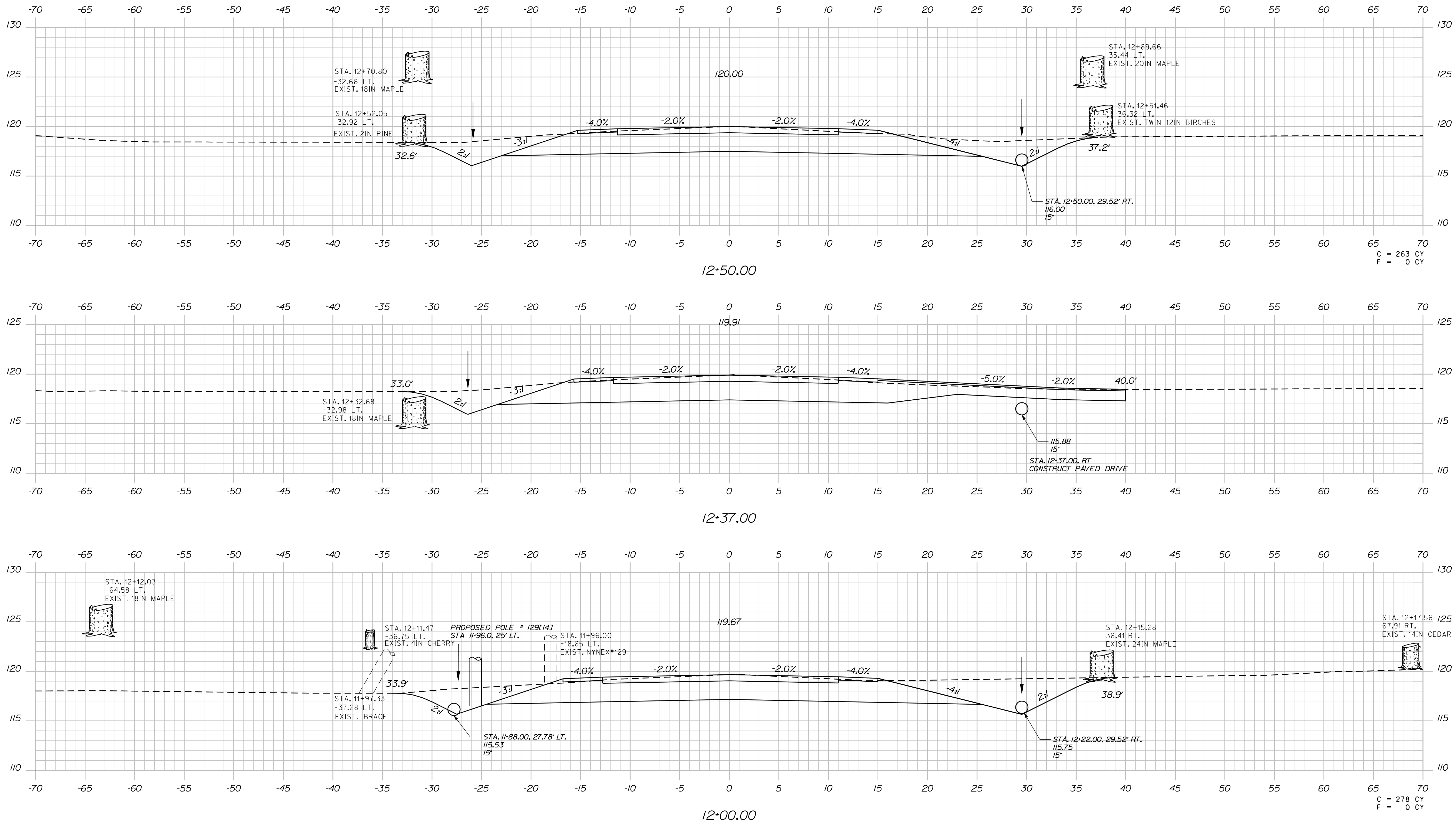
SHEET NUMBER
 19
 OF 30

Sta. 8+50.00 to Sta. 9+00.00

Filename: ... \msto\021_xsect_RT_22-11.dgn Division: HIGHWAY Username: \$(WIN_USERNAME) Date: 8/15/2011



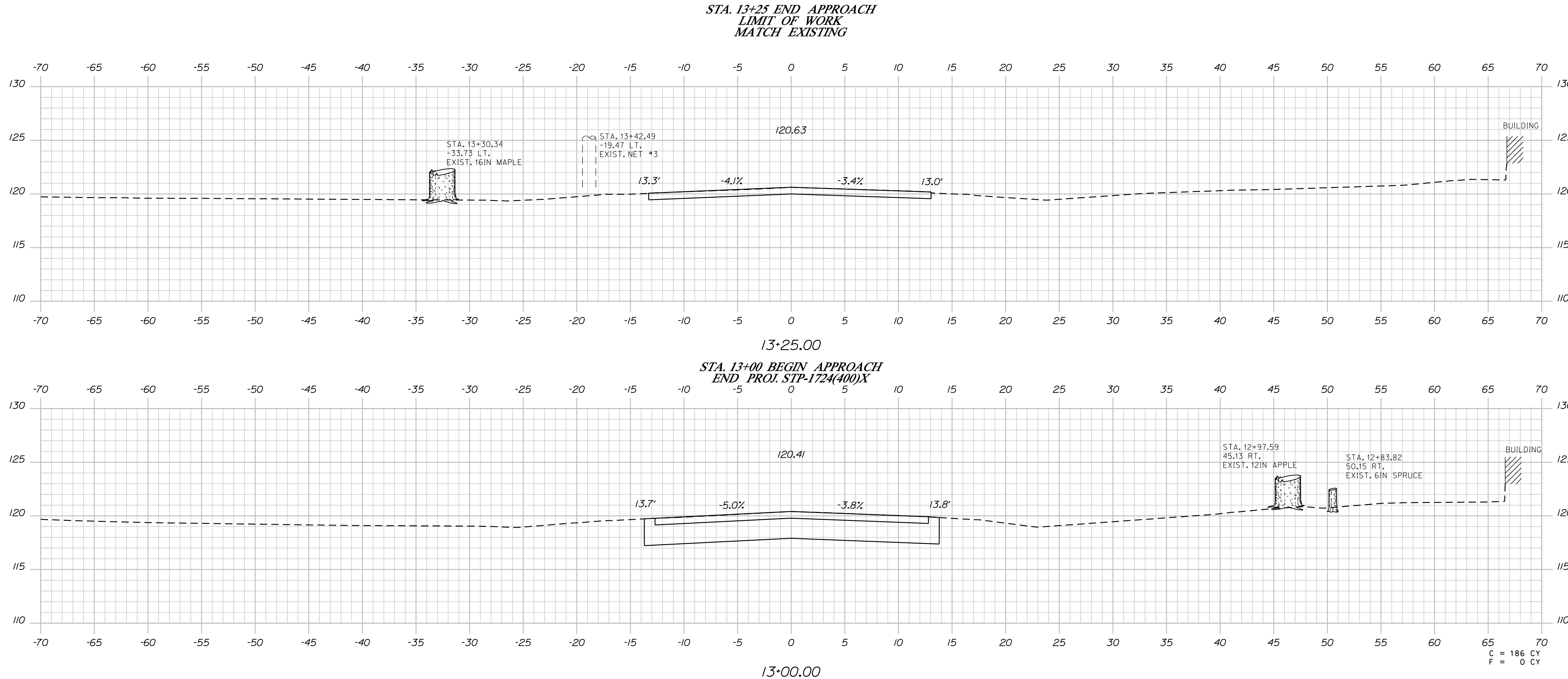
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1724(400)X		PIN 017244.00	
HIGHWAY PLANS			
DATE	6/2011	SIGNATURE	P.E. NUMBER
BY	J. Parrilli R. Pinckney	DATE	6/2011
PROJ. MANAGER	E. Morin	DESIGN DETAILED	J. Parrilli
CHECKED/REVIEWED	J. Parrilli R. Pinckney	DESIGN REVIEWED	R. Pinckney
DESIGN DETAILED	J. Parrilli	DESIGN REVIEWED	R. Pinckney
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	
GORHAM		RTE 22 & BURNHAM RD	
CROSS SECTIONS		SHEET NUMBER	
21		OF 30	



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1724(400)X	
GORHAM RTE 22 & BURNHAM RD		CROSS SECTIONS	
SHEET NUMBER		23	
OF 30		HIGHWAY PLANS PIN 017244.00	

PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. Marich	6/2011	J. Parrilli	6/2011			
DESIGN DETAILED		R. Pinckney				
CHECKED-REVIEWED						
DESIGN DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

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 Username: \$(WIN_USERNAME)
 Date: 8/15/2011



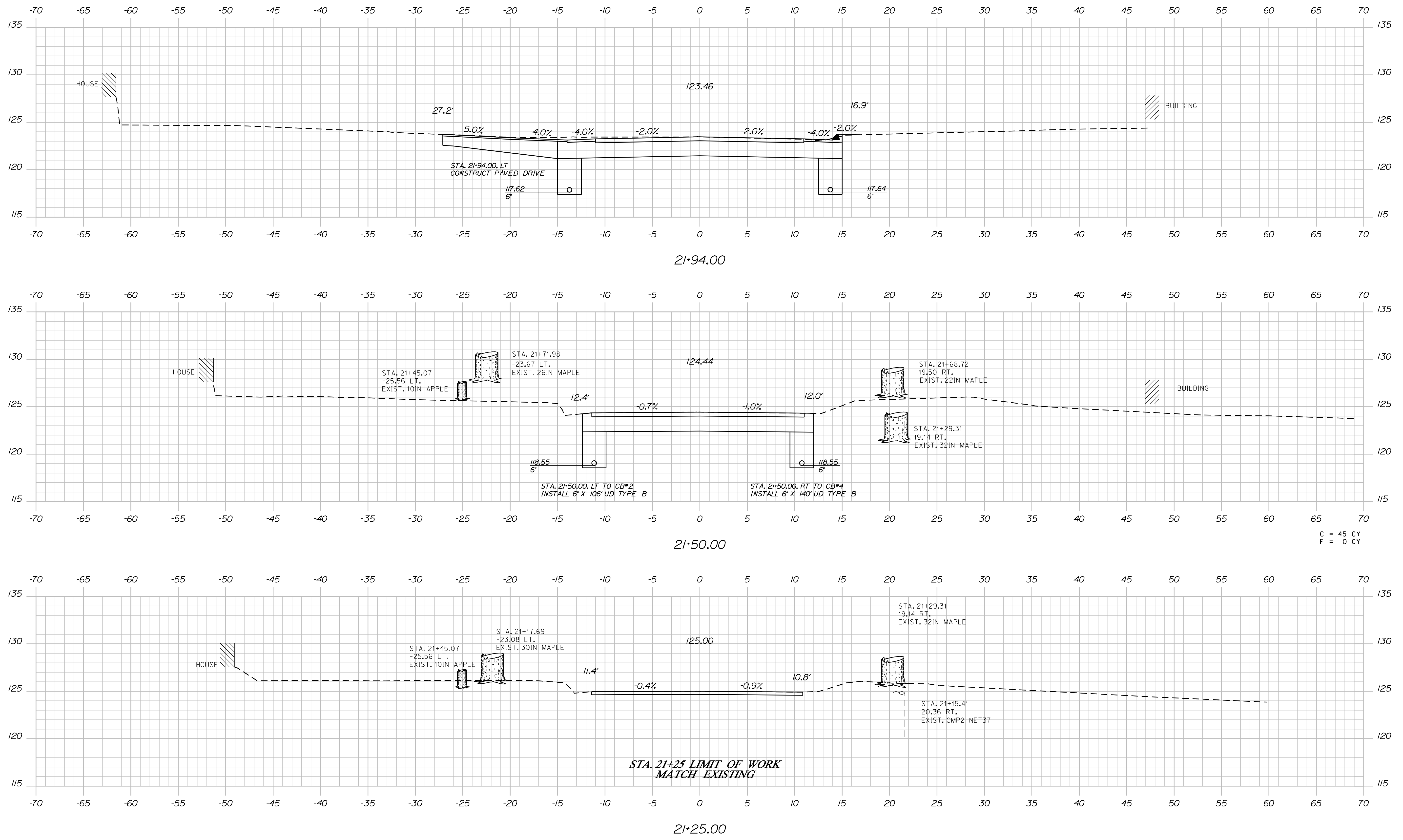
STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 STP-1724(400)X
 PIN 017244.00
 HIGHWAY PLANS

DATE	BY	PROJ. MANAGER	DESIGN CHECKED	DESIGN REVIEWED	DESIGN DETAILED	REVISIONS	SIGNATURE	P.E. NUMBER	DATE
6/2011	J. Parrilli	E. Martin	J. Parrilli	J. Parrilli	J. Parrilli	1			
6/2011	R. Pinckney		R. Pinckney	R. Pinckney	R. Pinckney	2			
						3			
						4			
						FIELD CHANGES			

GORHAM
 RTE 22 & BURNHAM RD
 CROSS SECTIONS

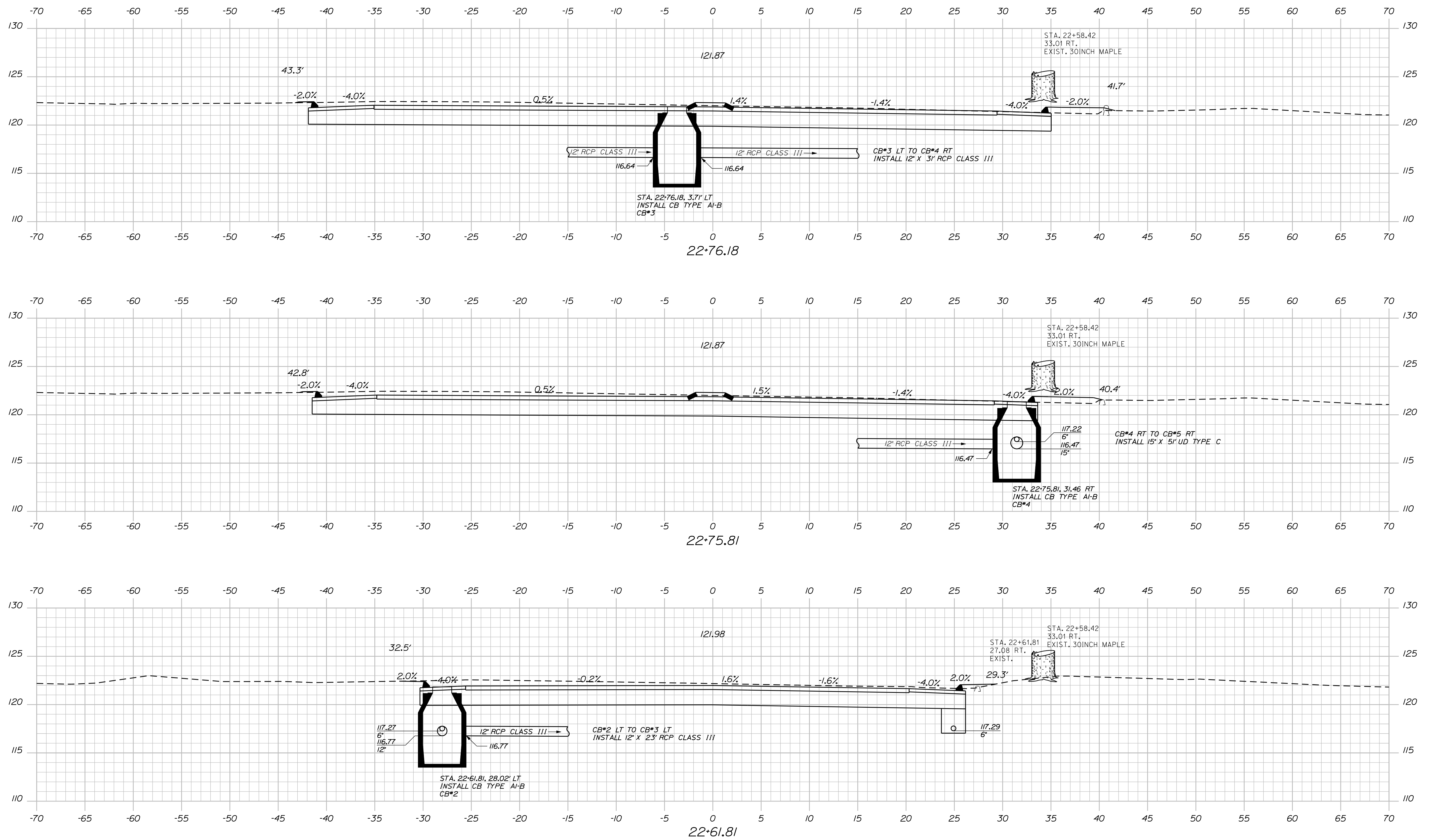
SHEET NUMBER
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 OF 30

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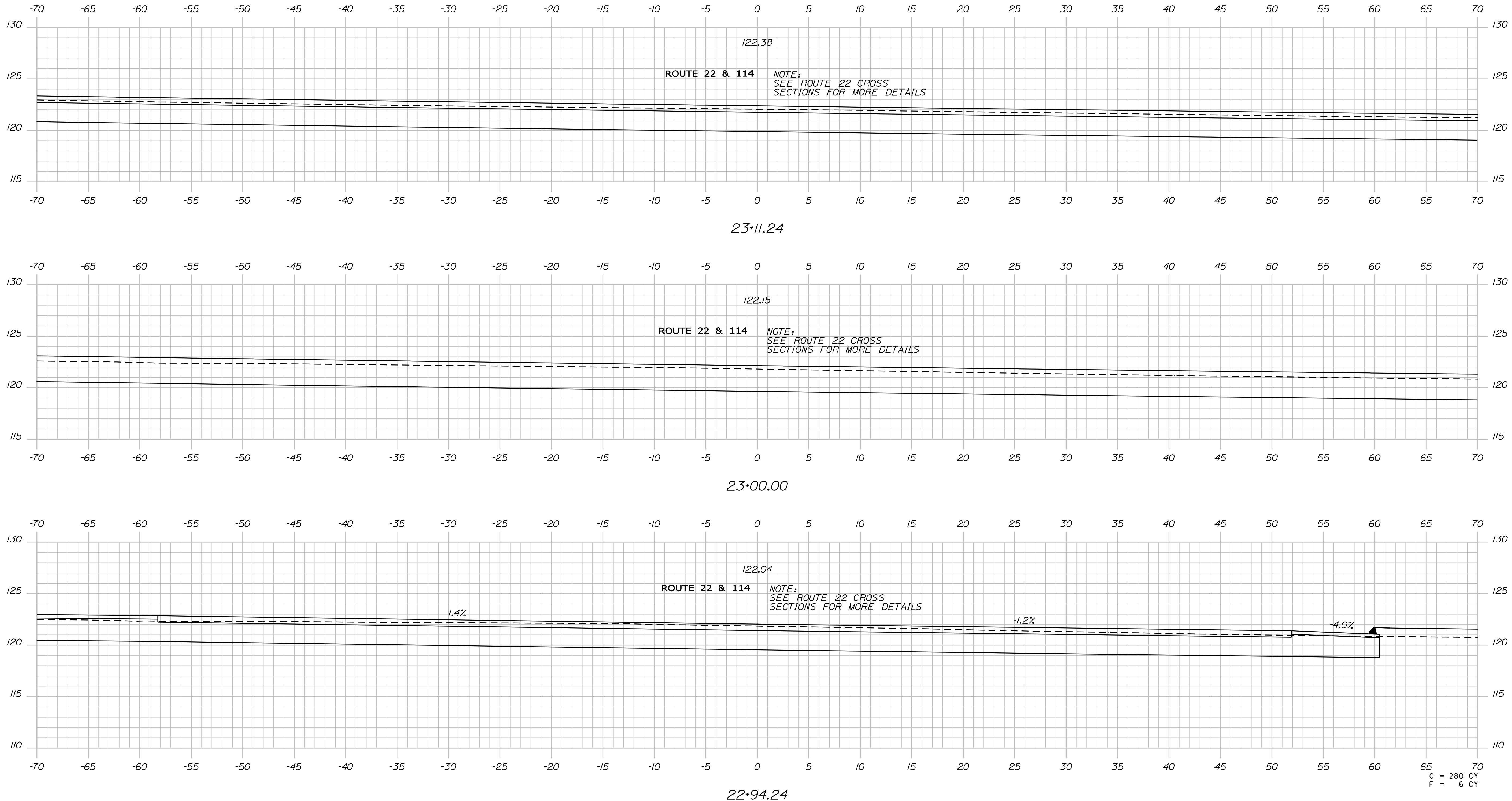


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		STP-1724(400)X		PIN 017244.00		HIGHWAY PLANS	
GORHAM		BURNHAM ROAD		CROSS SECTIONS		SHEET NUMBER		25	
OF 30		Sta. 21+25.00 to Sta. 21+94.00		PROJ. MANAGER		BY		DATE	
PROJ. MANAGER		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 3		REVISIONS 4	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 4		FIELD CHANGES	
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DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 4		FIELD CHANGES	
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DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 4		FIELD CHANGES	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 4		FIELD CHANGES	
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DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 4		FIELD CHANGES	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED					

Filename: ... \027_xsect_Burnham Road-3.dgn Division: HIGHWAY Username: \$(WIN_USERNAME) Date: 8/15/2011



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1724(400)X	
PIN 017244.00		HIGHWAY PLANS	
	SIGNATURE	P.E. NUMBER	DATE
PROJ. MANAGER E. Martin	BY J. Parrilli R. Pinckney	DATE 6/2011 6/2011	
DESIGN DETAILED J. Parrilli	CHECKED/REVIEWED R. Pinckney	DESIGN DETAILED	REVISIONS 1
DESIGN DETAILED	REVISIONS 2	REVISIONS 3	REVISIONS 4
FIELD CHANGES			
GORHAM BURNHAM ROAD		CROSS SECTIONS	
SHEET NUMBER			
27			
OF 30			



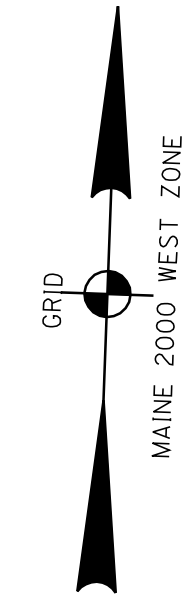
C = 280 CY
F = 6 CY

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1724(400)X	
PIN 017244.00		HIGHWAY PLANS	
	SIGNATURE	P.E. NUMBER	DATE
	E. Martin		
	J. Parrilli		
	R. Pinckney		
GORHAM BURNHAM ROAD		CROSS SECTIONS	
SHEET NUMBER			
28			
OF 30			

COUNTY ROAD GORHAM, ME
 FOR FREE WILL BAPTIST CHURCH OF SOUTH GORHAM
 BY OWEN HASKELL INC.
 PLAN DATE - MAY 15, 1985
 LAST REVISION DATE - JUNE 21, 1985
 CUMBERLAND COUNTY REGISTRY OF DEEDS (C.C.R.D.)
 PLAN BOOK 148, PAGE 50
 RECORDING DATE - JULY 1, 1985

SOUTH GORHAM FREE WILL
 BAPTIST CHURCH
 ITEM NO. (1)
 SLOPE EASE. = 345± S.F. (1)
 TEMP. CONST. RIGHTS = 745± S.F.(2)
 TOTAL AREA = 2.35± AC. (SURVEY)

CONTROL INFORMATION
 HORIZONTAL DATUM - US STATE PLANE
 ZONE - MAINE 2000 WEST ZONE
 VERTICAL DATUM - NAVD 88
 COMBINED SCALE FACTOR - 0.9999742



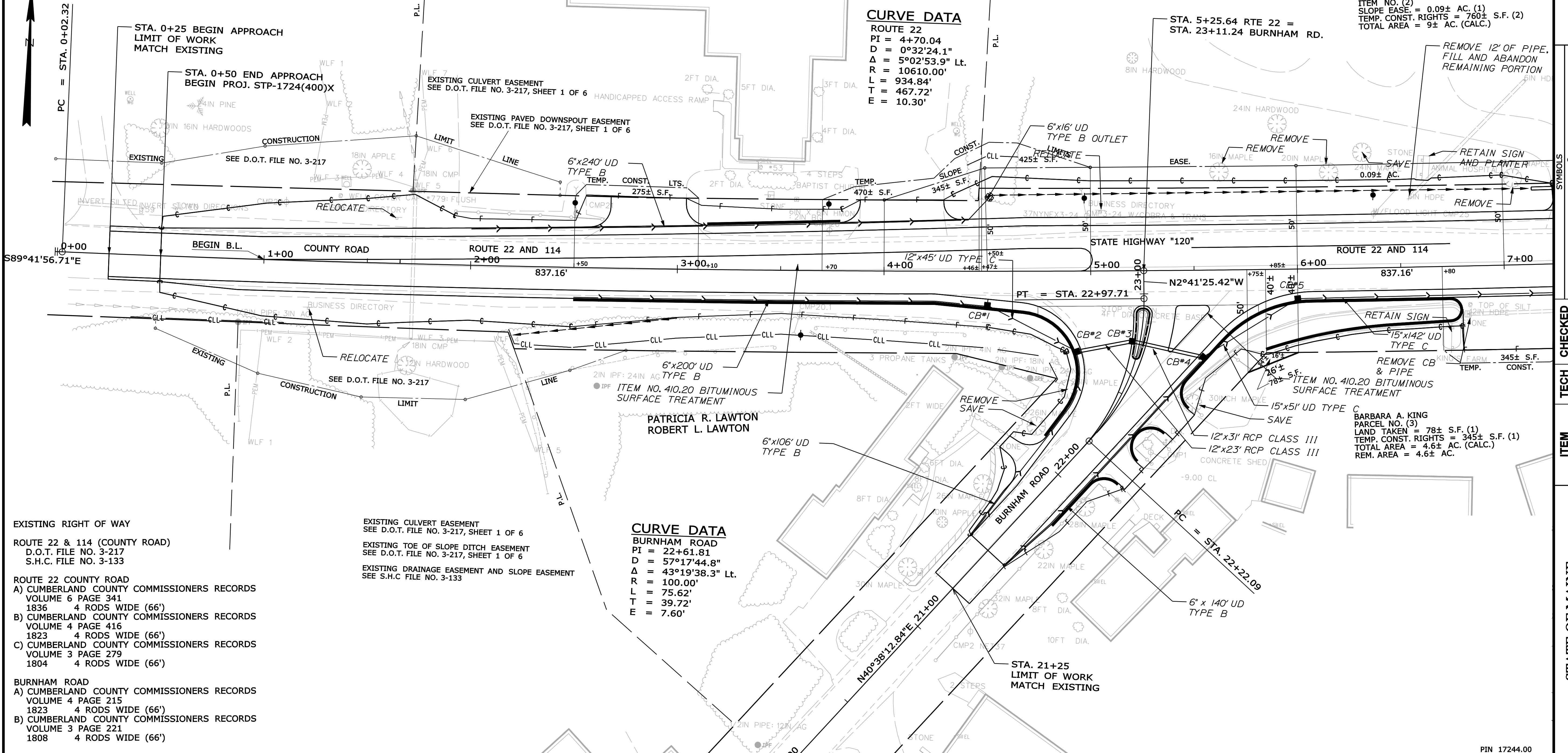
THOMAS M. NIEDERMEYER
 LINDA K. MULSKI
 ITEM NO. (2)
 SLOPE EASE. = 0.09± AC. (1)
 TEMP. CONST. RIGHTS = 760± S.F. (2)
 TOTAL AREA = 9± AC. (CALC.)

CURVE DATA

ROUTE 22
 PI = 4+70.04
 D = 0°32'24.1"
 Δ = 5°02'53.9" Lt.
 R = 10610.00'
 L = 934.84'
 T = 467.72'
 E = 10.30'

CURVE DATA

BURNHAM ROAD
 PI = 22+61.81
 D = 57°17'44.8"
 Δ = 43°19'38.3" Lt.
 R = 100.00'
 L = 75.62'
 T = 39.72'
 E = 7.60'



EXISTING RIGHT OF WAY
 ROUTE 22 & 114 (COUNTY ROAD)
 D.O.T. FILE NO. 3-217
 S.H.C. FILE NO. 3-133

ROUTE 22 COUNTY ROAD
 A) CUMBERLAND COUNTY COMMISSIONERS RECORDS
 VOLUME 6 PAGE 341
 1836 4 RODS WIDE (66')
 B) CUMBERLAND COUNTY COMMISSIONERS RECORDS
 VOLUME 4 PAGE 416
 1823 4 RODS WIDE (66')
 C) CUMBERLAND COUNTY COMMISSIONERS RECORDS
 VOLUME 3 PAGE 279
 1804 4 RODS WIDE (66')

BURNHAM ROAD
 A) CUMBERLAND COUNTY COMMISSIONERS RECORDS
 VOLUME 4 PAGE 215
 1823 4 RODS WIDE (66')
 B) CUMBERLAND COUNTY COMMISSIONERS RECORDS
 VOLUME 3 PAGE 221
 1808 4 RODS WIDE (66')

EXISTING CULVERT EASEMENT
 SEE D.O.T. FILE NO. 3-217, SHEET 1 OF 6
 EXISTING TOE OF SLOPE DITCH EASEMENT
 SEE D.O.T. FILE NO. 3-217, SHEET 1 OF 6
 EXISTING DRAINAGE EASEMENT AND SLOPE EASEMENT
 SEE S.H.C FILE NO. 3-133

SYMBOLS

- (WELL)
- (LIMIT)
- (SEPTIC TANK)
- (TRAVEL POINT)
- (WATER LINE)
- (GAS LINE)
- (ELECTRIC LINE)
- (TELEPHONE LINE)
- (SEWER LINE)
- (IRON PIPE OR PIN FOUND)
- (LIMIT)
- (PROPERTY LINE)
- (LIMITS OF TROUGHT PORTION (L.O.W.P.))
- (EXISTING RIGHT OF WAY)
- (NEW RIGHT OF WAY)
- (NEW ROW WITHIN EXIST. ROW)
- (CONTROL OF ACCESS)

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

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

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

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 "120"
 ROUTES 22 & 114 (COUNTY ROAD)
 GORHAM CUMBERLAND COUNTY
 FEDERAL PROJECT NO. STP-1724(400)X
 JUNE 2011
 SCALE 1" = 25'
 RIGHT-OF-WAY MAP
 SHEET 1 OF 2
 DOT FILE NO. 3-560

SHEET NUMBER
29
 OF 30

Date: 8/22/2011

Username: terry.blair

Division: ROW

Filename: ...\\001_row\mst01_001_RWPLAN1.dgn

