STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

THOMASTON
KNOX COUNTY
U.S. ROUTE 1
STP-1789(000)
PROJECT LENGTH : 2.16 MILES

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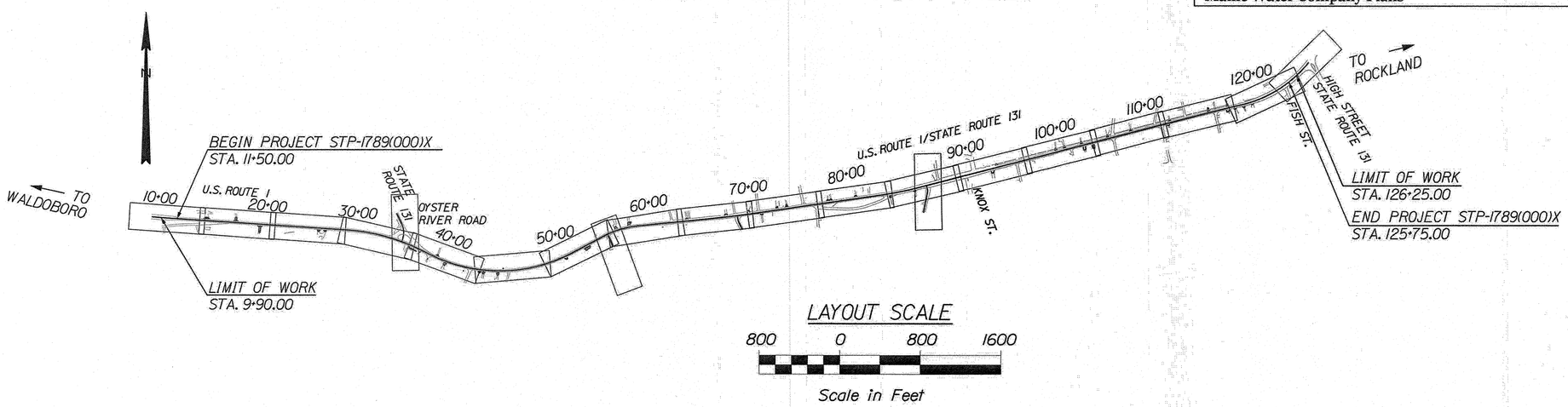


PLAN LEGEND

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 — CLL
Centerline-Existing
Centerline-Proposed — 10+00
Travelway-Existing
Travelway-Proposed
Railroad
Catch Basins — Existing — Proposed
Manholes — Existing — Proposed
Proposed Underdrain
Proposed Ditch
Existing Ditch
Utility Poles — Existing — Proposed
Fire Hydrants — Existing — Proposed
Existing Water Line
Existing San. Sewer
Existing San. Sewer Manhole
Guardrail-Existing
Guardrail-Proposed
Guardrail-Cable, Other

TRAFFIC DATA

Current (2015) AADT	14,010
Future (2035) AADT	16,810
DHV - % of AADT	10%
Design Hour Volume	1681
% Heavy Trucks (AADT)	7%
% Heavy Trucks (DHV)	10%
Directional Distribution (DHV)	55%
18 kip Equivalent P 2.0	679
18 kip Equivalent P 2.5	647
Design Speed (mph)	25,30,35,40,50
Functional Class:	PRINCIPAL ARTERIAL

PROJECT LOCATION:	*LOCATED ON ROUTE 1, BEGINNING APPROXIMATELY 0.32 MILES EAST OF WARREN TOWN LINE AND EXTENDING 2.16 MILES TO THE INTERSECTION WITH HIGH STREET.*
PROGRAM AREA:	*HIGHWAY PROGRAM*
OUTLINE OF WORK:	*HIGHWAY RECONSTRUCTION INCLUDING GRADING, BASE, PAVEMENT, DRAINAGE AND SAFETY IMPROVEMENTS.*

Stantec

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
COMMISSIONER: — DATE 2/8/16
CHIEF ENGINEER: — DATE 2-5-16

STATE OF MAINE — GARY A. SANTY No. 9419 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE 9419
P.E. NUMBER
11/10/2015
DATE

PROJECT INFORMATION

PROGRAM	HIGHWAY
PROJECT MANAGER	E. MARTIN
DESIGNER	G. SANTY
CONSULTANT	STANTEC
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

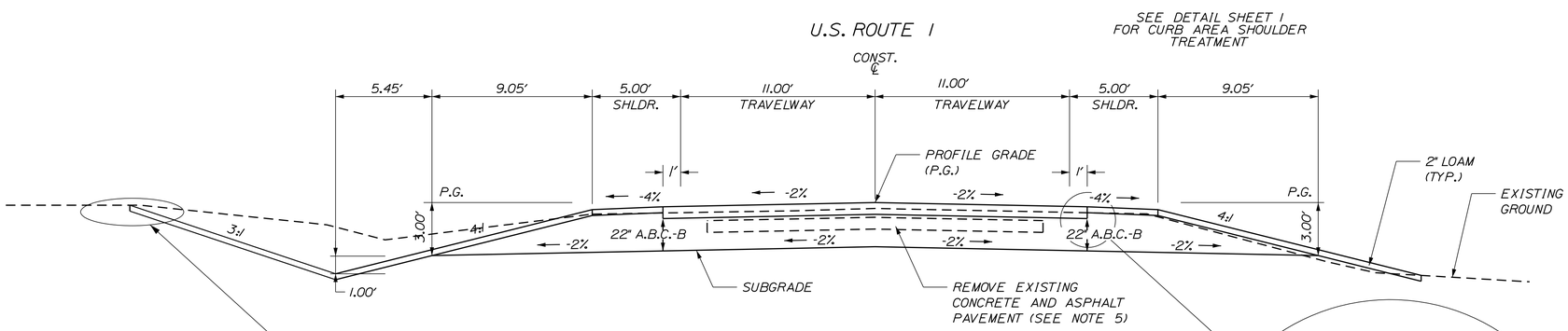
WIN NUMBER: 17890.00 FEDERAL PROJECT NO: STP-1789(000)

THOMASTON
U.S. ROUTE 1

TITLE SHEET

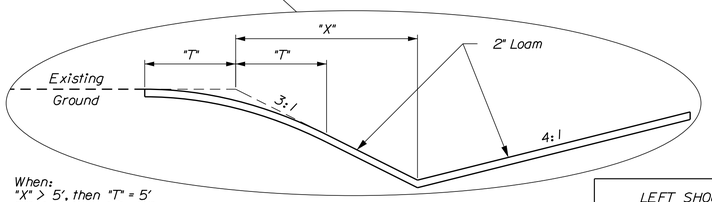
SHEET NUMBER
1
OF 187

Filename: ...\00\HIGHWAY\MSTA\001_Title.dgn Division: HIGHWAY Username: common Date:11/10/2015



FULL DEPTH CONSTRUCTION
NORMAL

STA. 11+50 TO STA. 29+00

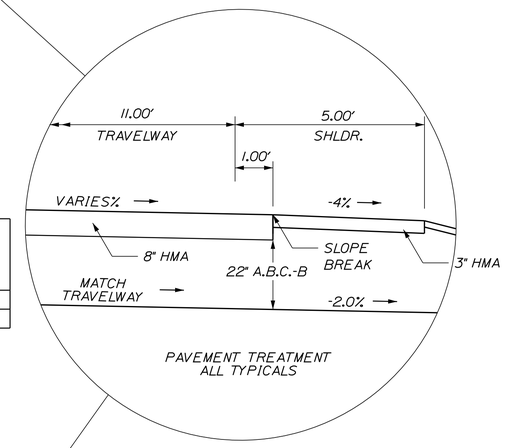


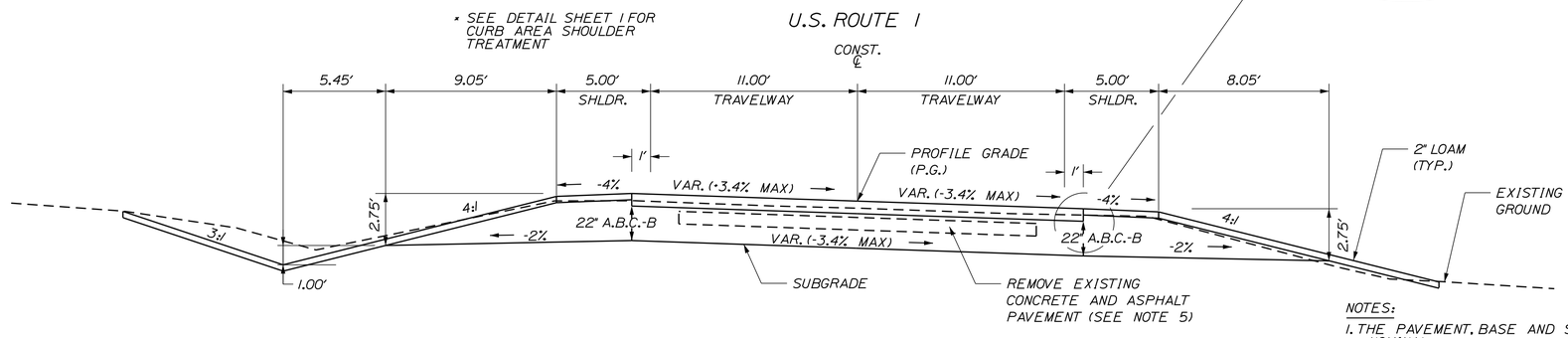
When:
"X" > 5′, then "T" = 5′
"X" ≤ 5′, then "T" = "X"
This formula may be modified in the field by the Resident to avoid property damage.

BACKSLOPE ROUNDING DETAIL

AGGREGATE BASE COURSE - TYPE B

LEFT SHOULDER 73.4 CY/100 LF STATION TO STATION	11FT. TRAVELED LANES 149.4 CY/100 LF STATION TO STATION	RIGHT SHOULDER 73.4 CY/100 LF STATION TO STATION
11+50 TO 29+00	11+50 TO 29+00	11+50 TO 23+90
		27+00 TO 29+00





FULL DEPTH CONSTRUCTION
SUPERELEVATED

STA. 29+00 TO STA. 35+00

AGGREGATE BASE COURSE - TYPE B

LEFT SHOULDER 73.4 CY/100 LF STATION TO STATION	11FT. TRAVELED LANES 149.4 CY/100 LF STATION TO STATION	RIGHT SHOULDER 73.4 CY/100 LF STATION TO STATION
29+00 TO 35+00	29+00 TO 35+00	29+00 TO 33+45

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ARE INTENDED TO BE NOMINAL.
2. CROWNS FOR ALL COURSES OF PAVEMENT, BASE AND SUBBASE SHALL BE STRAIGHT.
3. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2" LOAM DEPTH. THE ACTUAL DEPTH MAY VARY BEHIND CURBING. SEE THE GENERAL NOTES.
4. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE AND MAY BE ADJUSTED TO MATCH FIELD CONDITIONS, AS DIRECTED BY THE RESIDENT.
5. REMOVAL OF THE EXISTING CONCRETE PAVEMENT SHALL BE PAID FOR AS ITEM NUMBER 202.110 - REMOVAL PORTLAND CEMENT CONCRETE PAVEMENT. THE EXISTING PAVEMENT VARIES IN THICKNESS BETWEEN 7" AND 9" AND IS 20′ WIDE. THE EXISTING CONCRETE PAVEMENT IS LOCATED BETWEEN STATIONS 11+50 AND 118+50. THE CONCRETE IS STEEL REINFORCED. LOCATIONS AND THICKNESS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTUCTION.
6. HMA = HOT MIX ASPHALT
7. A.B.C.-B = AGGREGATE BASE COURSE - TYPE B - ITEM 304.15 (TYPE B)
8. IN AREAS WHERE SIDEWALK GRADES DO NOT FOLLOW TYPICAL SECTIONS, GRADES ARE PROVIDED ON SECTIONS.
9. THE PROJECT SHALL BE STRIPED AS 11′ WIDE TRAVEL LANES AND 5′ WIDE SHOULDERS UNLESS OTHERWISE NOTED

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STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

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CHECKED-REVIEWED	G.SANTY		10\11\15
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

TYPICAL SECTIONS

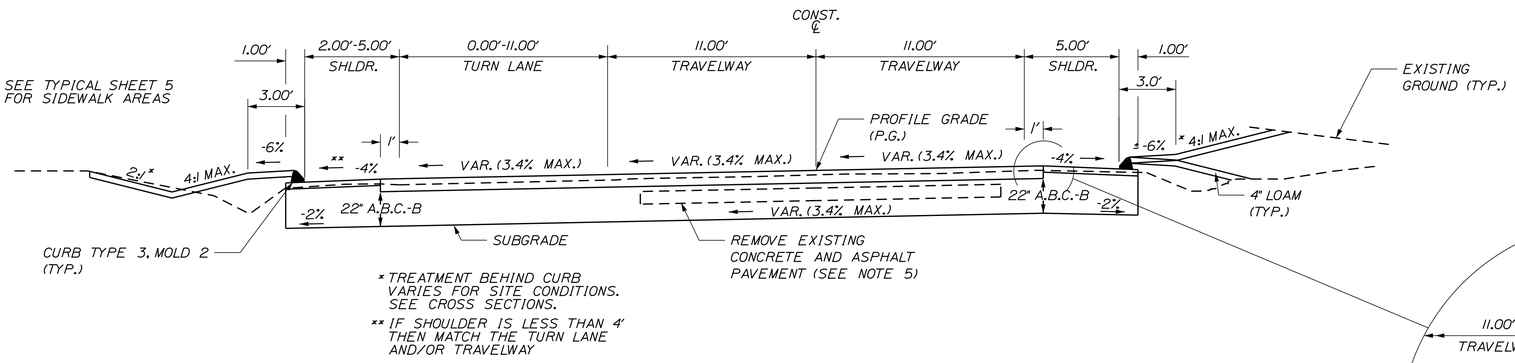
SHEET NUMBER

2

OF 187

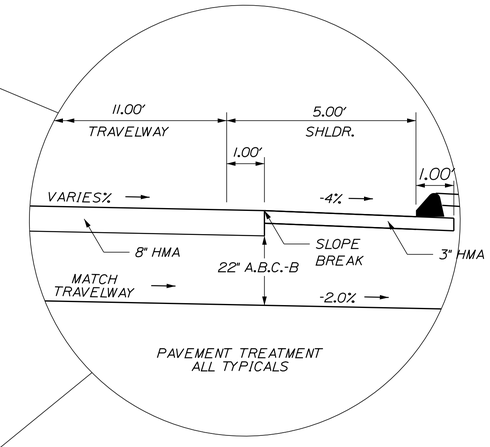
Filename: ...\HIGHWAY\MSTA\002_Typical.dgn Division: HIGHWAY Username: common Date:10/28/2015

U.S. ROUTE 1 / STATE ROUTE 131



* TREATMENT BEHIND CURB VARIES FOR SITE CONDITIONS. SEE CROSS SECTIONS.

** IF SHOULDER IS LESS THAN 4′ THEN MATCH THE TURN LANE AND/OR TRAVELWAY



FULL DEPTH CONSTRUCTION - BITUMINOUS CURB
SUPERELEVATED

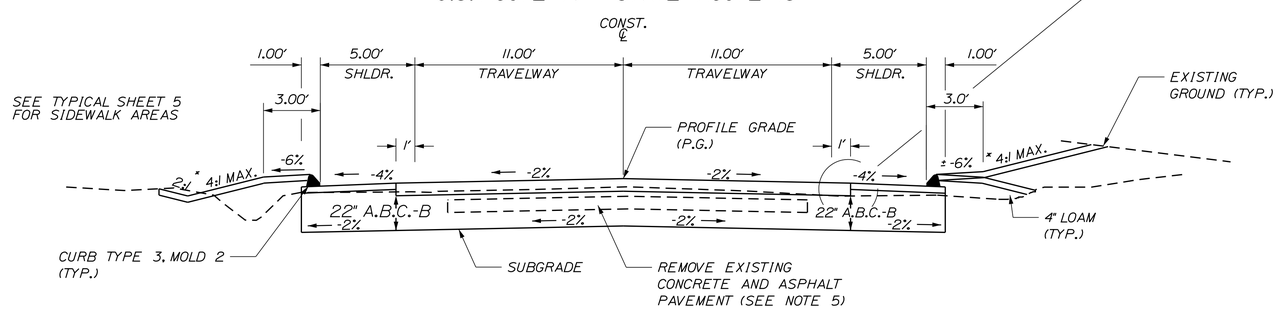
STA. 35+00 TO 51+00

AGGREGATE BASE COURSE - TYPE B

LEFT SHOULDER * 17.6 CY/100 LF STATION TO STATION	RIGHT TURN LANE 74.7 CY/100 LF STATION TO STATION	11FT. TRAVELED LANES 149.4 CY/100 LF STATION TO STATION	RIGHT SHOULDER 46.0 CY/100 LF STATION TO STATION
35+00 TO 51+00	35+00 TO 36+78	35+00 TO 51+00	35+00 TO 51+00

* FOR 2′ SHOULDER

U.S. ROUTE 1 / STATE ROUTE 131



* TREATMENT BEHIND CURB VARIES FOR SITE CONDITIONS. SEE CROSS SECTIONS.

FULL DEPTH CONSTRUCTION - BITUMINOUS CURB
NORMAL CROWN

STA. 51+00 TO 60+50

AGGREGATE BASE COURSE - TYPE B

LEFT SHOULDER 46.0 CY/100 LF STATION TO STATION	11FT. TRAVELED LANES 149.4 CY/100 LF STATION TO STATION	RIGHT SHOULDER 46.0 CY/100 LF STATION TO STATION
51+00 TO 60+50	51+00 TO 61+75	51+00 TO 60+50

STATE OF MAINE
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STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

TYPICAL SECTIONS

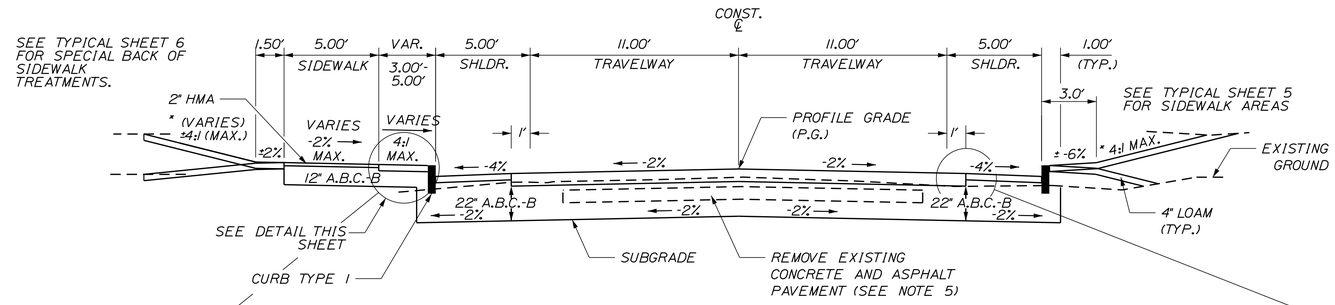
SHEET NUMBER

3

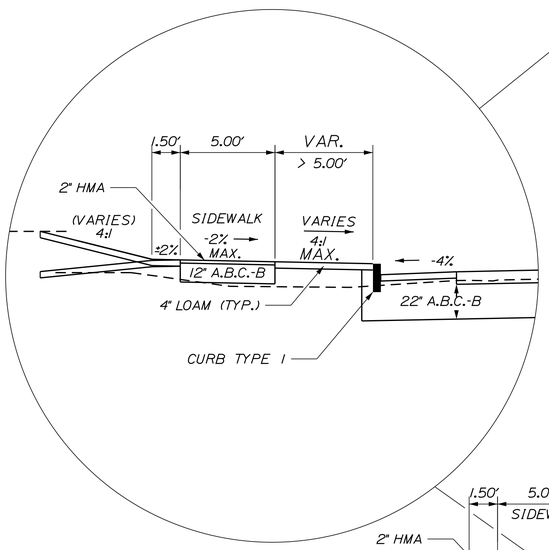
OF 187

Filename: ...\HIGHWAY\MSTA\003_Typical.dgn Division: HIGHWAY Username: common Date:10/28/2015

U.S. ROUTE 1 / STATE ROUTE 131



*TREATMENT BEHIND SIDEWALK VARIES FOR SITE CONDITIONS. SEE CROSS SECTIONS.



FULL DEPTH CONSTRUCTION - GRANITE CURB

NORMAL CROWN

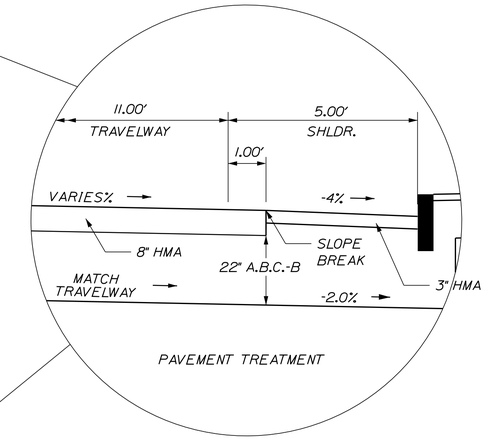
STA. 60+50 TO 69+00

STA. 76+50 TO 88+20

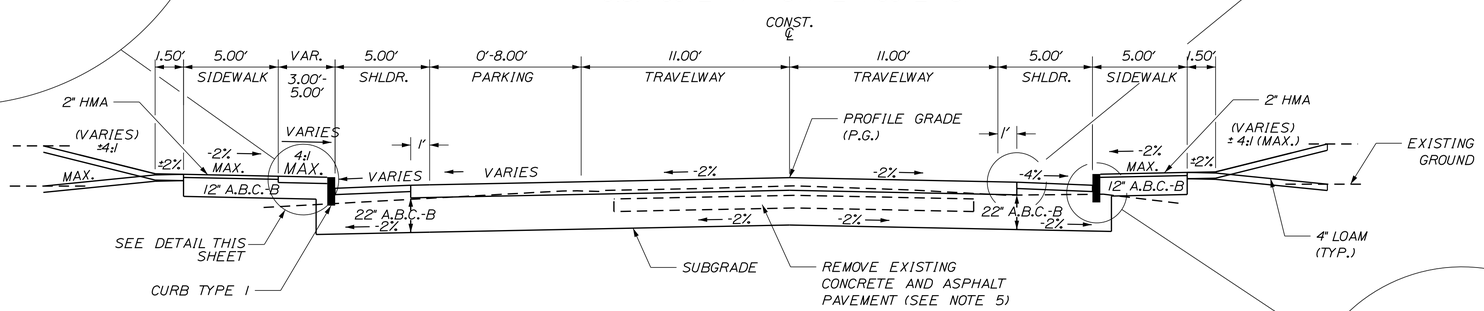
AGGREGATE BASE COURSE - TYPE B

LEFT SIDEWALK * 32.4 CY/100 LF STATION TO STATION	LEFT SHOULDER 46.4 CY/100 LF STATION TO STATION	11FT. TRAVELED LANES 149.4 CY/100 LF STATION TO STATION	RIGHT SHOULDER 46.4 CY/100 LF STATION TO STATION
61+75 TO 69+00	61+75 TO 69+00	61+75 TO 69+00	61+75 TO 69+00
76+50 TO 88+00	76+50 TO 88+00	76+50 TO 88+00	76+50 TO 88+00

* BASED ON 3' ESPLANADE

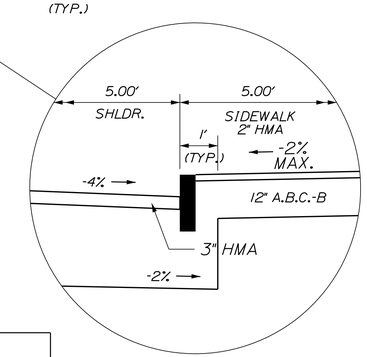


U.S. ROUTE 1 / STATE ROUTE 131



> 5 FT ESPLANADE

5FT. LEFT SIDEWALK 18.5 CY/100 LF STATION TO STATION
68+60 TO 88+55
95+50 TO 121+00



FULL DEPTH CONSTRUCTION - GRANITE CURB

NORMAL CROWN

STA. 69+00 TO 76+50

STA. 93+00 TO 121+00

AGGREGATE BASE COURSE - TYPE B

5FT. LEFT SIDEWALK 32.4 CY/100 LF STATION TO STATION	8FT. LEFT PARKING 108.6 CY/100 LF STATION TO STATION	5FT. LEFT SHOULDER 45.8 CY/100 LF STATION TO STATION	11FT. TRAVELED LANES 149.4 CY/100 LF STATION TO STATION	5FT. RIGHT SHOULDER & SIDEWALK 61.6 CY/100 LF STATION TO STATION
68+20 TO 76+50	68+20 TO 76+50	68+20 TO 76+50	68+20 TO 76+50	68+20 TO 76+50

STATE OF MAINE
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STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

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CHECKED-REVIEWED	G.SANTY		
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REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

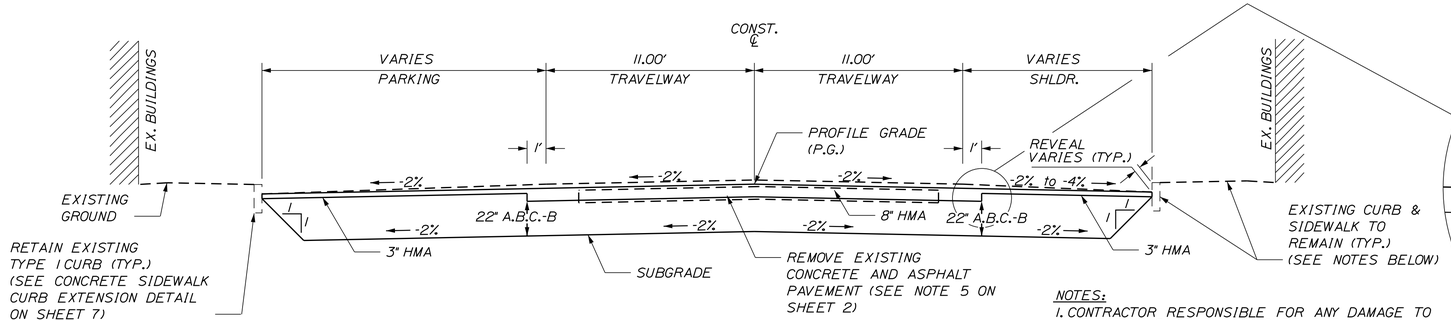
TYPICAL SECTIONS

SHEET NUMBER

4

OF 187

Filename: ...\HIGHWAY\MSTA\004_Typical.dgn Division: HIGHWAY Username: common Date:10/28/2015



U.S. ROUTE 1 / STATE ROUTE 131

FULL DEPTH CONSTRUCTION

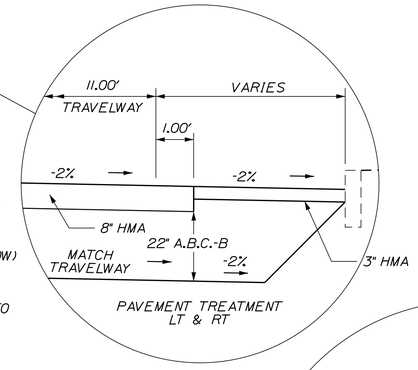
STA. 89+20 TO 93+00

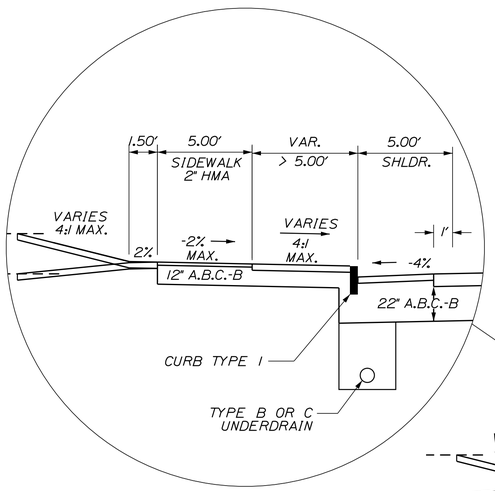
AGGREGATE BASE COURSE - TYPE B

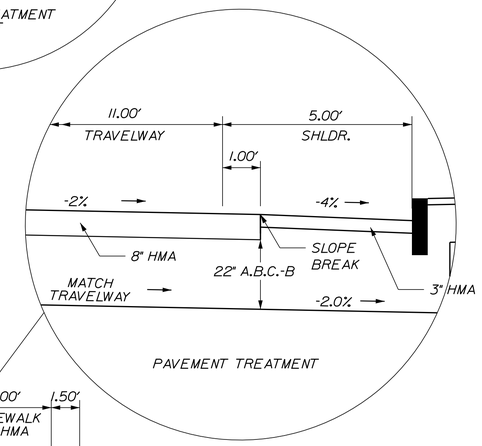
LEFT SHOULDER 164.3 CY/100 LF STATION TO STATION	11FT. TRAVELED LANES 149.4 CY/100 LF STATION TO STATION	RIGHT SHOULDER 126.8 CY/100 LF STATION TO STATION
89+20 TO 93+00	89+20 TO 93+00	89+20 TO 93+00

NOTES:

1. CONTRACTOR RESPONSIBLE FOR ANY DAMAGE TO EXISTING SIDEWALK OR CURB DUE TO CONSTRUCTION.
2. ANY SHORING NECESSARY TO RETAIN CURB OR EARTH WILL NOT BE PAID SEPARATELY, BUT WILL BE INCIDENTAL TO ROADWAY CONSTRUCTION.



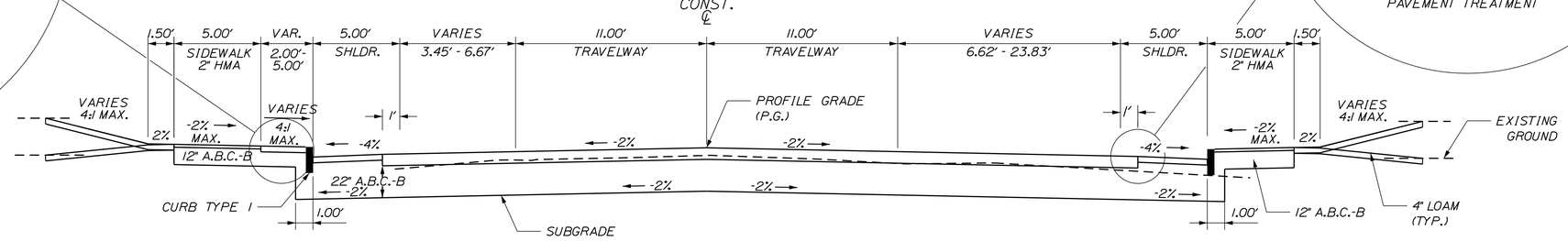




SEE DETAIL SHEET 2 FOR GUARDRAIL AREA SHOULDER TREATMENT

US ROUTE 1 / STATE ROUTE 131

SEE DETAIL SHEET 2 FOR GUARDRAIL AREA SHOULDER TREATMENT



> 5 FT ESPLANADE

LEFT SIDEWALK 18.5 CY/100 LF STATION TO STATION
121+00 TO 125+75

FULL DEPTH CONSTRUCTION - GRANITE CURB

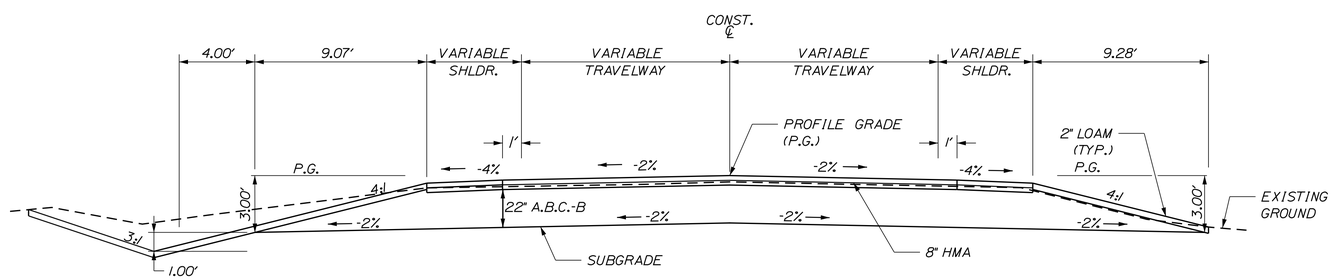
NORMAL CROWN

STA. 121+00 TO STA. 125+75

AGGREGATE BASE COURSE - TYPE B

LEFT SIDEWALK 32.4 CY/100 LF STATION TO STATION	LEFT SHOULDER 46.4 CY/100 LF STATION TO STATION	11FT. TRAVELED LANES 149.4 CY/100 LF STATION TO STATION	RIGHT SHOULDER 61.6 CY/100 LF STATION TO STATION
121+00 TO 125+75	121+00 TO 125+75	121+00 TO 125+75	121+00 TO 125+75

U.S. ROUTE 1



OYSTER RIVER ROAD (STATE ROUTE 131)

NORMAL

1. 4:1 SLOPES MAY VARY SEE SECTIONS.

STATE OF MAINE
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U.S. ROUTE 1

TYPICAL SECTIONS

SHEET NUMBER

5

OF 187

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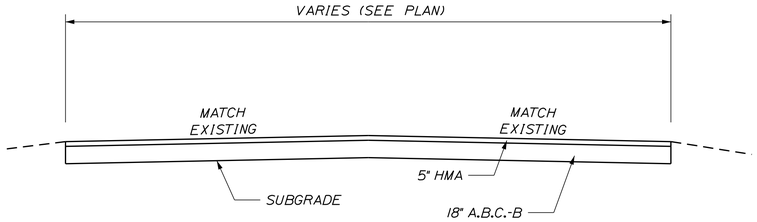
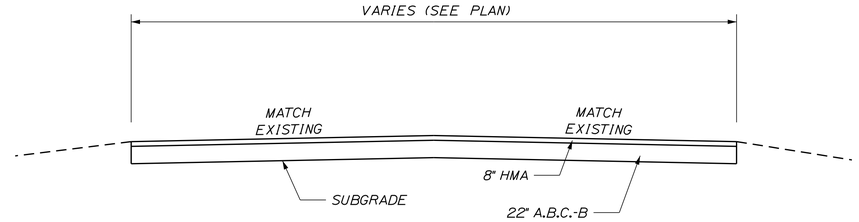


FULL DEPTH CONSTRUCTION - MINOR SIDEROADS

TOLL BRIDGE ROAD
RIDGEVIEW DRIVE
SHIBLES LANE
TWO FOX FARM DRIVE
SHIP STREET
WATER TOWER ROAD
KOSSUTH STREET

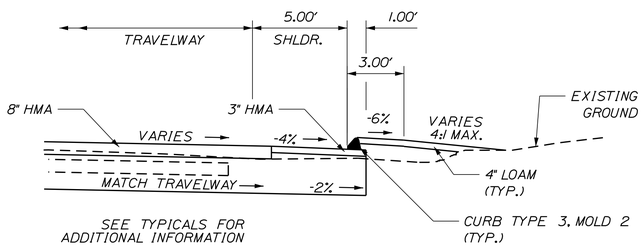
GEORGES STREET
BOOKER STREET
SCHOOL STREET
MAIN STREET MALL
GREEN STEET
GILCREST STEET
ROBINSON STREET
ERIN STREET

DWIGHT STREET
ROXBURY STREET
PINE STREET
STONY BROOK LANE
FISH STREET
RIVERSIDE STREET



FULL DEPTH CONSTRUCTION - MAJOR SIDEROADS

WADSWORTH STREET
BEACHWOOD LANE

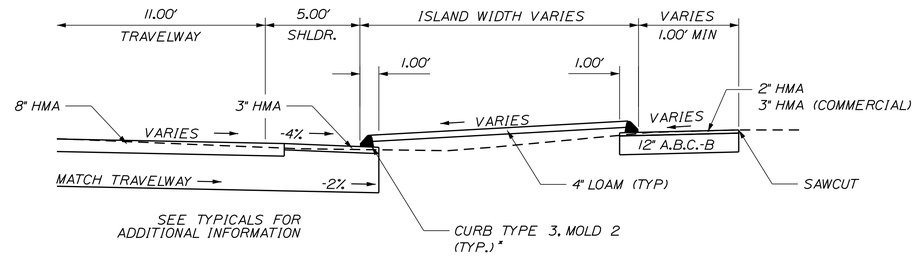


CURB SHOULDER DETAIL

STA. 33+45 TO STA. 35+00 RT

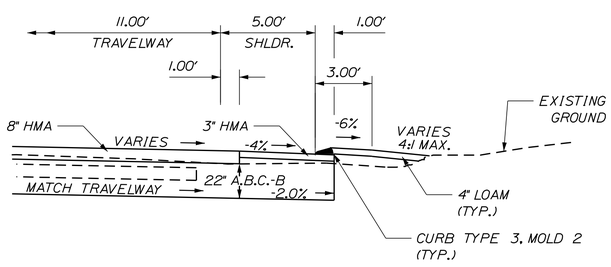
AGGREGATE BASE COURSE - TYPE B

RIGHT SHOULDER
46.0 CY/100 LF
STATION TO STATION
33+45 TO 35+00



CURB ISLAND DETAIL

STA. 35+25 TO STA. 35+65 RT * CURB TYPE 5
STA. 52+00 TO STA. 52+16 RT
STA. 52+97 TO STA. 53+15 RT
STA. 56+50 TO STA. 57+75 RT
STA. 58+25 TO STA. 59+00 RT

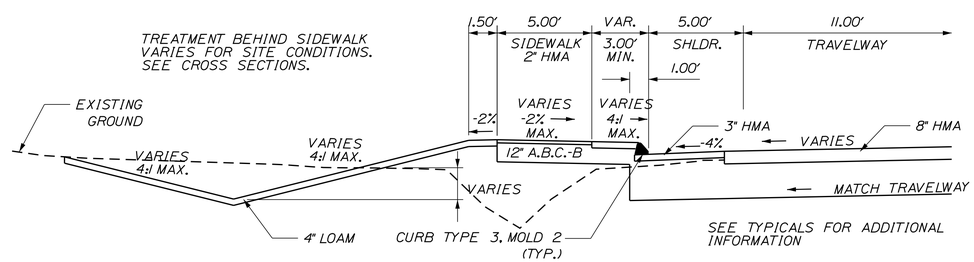


CURB SHOULDER DETAIL

STA. 23+90 TO STA. 27+00 RT

AGGREGATE BASE COURSE - TYPE B

RIGHT SHOULDER
46.0 CY/100 LF
STATION TO STATION
23+90 TO 27+00



SIDEWALK DETAIL

STA. 40+50 TO 45+00 LT
STA. 45+80 TO 61+75 LT

SUPERELEVATION TABLE

LEFT SHOULDER	LEFT TRAVELWAY	STATION	RIGHT TRAVELWAY	RIGHT SHOULDER
-4.0%	-2.0%	11+50	-1.0%	-4.0%
-4.0%	-2.0%	12+00	-2.0%	-4.0%
		TO		
-4.0%	-2.0%	27+00	-2.0%	-4.0%
-4.0%	-0.7%	27+50	-2.0%	-4.0%
-4.0%	+0.7%	28+00	-2.0%	-4.0%
-4.0%	+2.1%	28+50	-2.0%	-4.0%
-4.0%	+3.4%	29+00	-3.4%	-4.0%
		TO		
-4.0%	+3.4%	32+50	-3.4%	-4.0%
+3.4%	+3.4%	33+00	-3.4%	-4.0%
		TO		
+3.4%	+3.4%	35+50	-3.4%	-4.0%
+2.0%	+2.1%	36+00	-2.1%	-4.0%
+0.7%	+0.7%	36+50	-0.7%	-4.0%
-0.6%	-0.6%	37+00	+0.6%	-4.0%
-2.0%	-2.0%	37+50	+2.0%	-4.0%
-3.2%	-2.0%	37+80	+2.0%	-4.0%
-2.3%	-2.0%	38+00	+2.0%	-4.0%
-4.0%	-2.0%	38+50	+2.0%	-4.0%
		TO		
-4.0%	-2.0%	51+00	+2.0%	-4.0%
-4.0%	-2.0%	51+50	+1.0%	-4.0%
-4.0%	-2.0%	51+60	+0.8%	-4.0%
-4.0%	-2.0%	52+00	0.0%	-4.0%
-4.0%	-2.0%	52+50	-1.0%	-4.0%
-4.0%	-2.0%	52+70	-1.4%	-4.0%
-4.0%	-2.0%	53+00	-2.0%	-4.0%
		TO		
-4.0%	-2.0%	84+00	-2.0%	-4.0%
-2.0%	-2.0%	84+50	-2.0%	-4.0%
		TO		
-2.0%	-2.0%	95+00	-2.0%	-4.0%
-3.0%	-2.0%	95+50	-2.0%	-4.0%
-4.0%	-2.0%	95+70	-2.0%	-4.0%
-4.0%	-2.0%	96+00	-2.0%	-4.0%
-4.0%	-2.0%	96+50	-2.0%	-4.0%
-2.0%	-2.0%	97+00	-2.0%	-4.0%
		TO		
-2.0%	-2.0%	99+50	-2.0%	-4.0%
-4.0%	-2.0%	100+00	-2.0%	-4.0%
		TO		
-4.0%	-2.0%	101+50	-2.0%	-4.0%
-2.5%	-1.0%	102+00	-2.0%	-4.0%
-2.0%	0.0%	102+50	-2.0%	-4.0%
-2.0%	+1.0%	103+00	-2.0%	-4.0%
-2.0%	+2.0%	103+50	-2.0%	-4.0%
		TO		
-2.0%	+2.0%	106+00	-2.0%	-4.0%
-2.0%	+1.2%	106+40	-2.0%	-4.0%
+0.0%	+1.0%	106+50	-2.0%	-4.0%
-4.0%	0.0%	107+00	-2.0%	-4.0%
-4.0%	-1.0%	107+50	-2.0%	-4.0%
-4.0%	-2.0%	108+00	-2.0%	-4.0%
		TO		
-4.0%	-2.0%	116+00	-2.0%	-4.0%
-2.0%	-2.0%	116+50	-2.0%	-4.0%
		TO		
-2.0%	-2.0%	119+00	-2.0%	-4.0%
-2.0%	-2.0%	119+30	-1.4%	-4.0%
-2.0%	-2.0%	119+50	-1.0%	-4.0%
-2.0%	-2.0%	119+65	-0.7%	-4.0%
-2.0%	-2.0%	120+00	0.0%	-4.0%
-2.0%	-2.0%	120+20	+0.4%	-4.0%
-2.0%	-2.0%	120+50	+1.0%	-4.0%
-4.0%	-2.0%	121+00	+2.0%	-4.0%
		TO		
-4.0%	-2.0%	125+75	+2.0%	-4.0%

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		BY	DATE
DESIGN-DETAILED	T.LUTHER			
CHECKED-REVIEWED	G.SANTY			10\1\15
DESIGN2-DETAILED2	J.MAYNARD			
DESIGN3-DETAILED3	P.ARMATA			
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

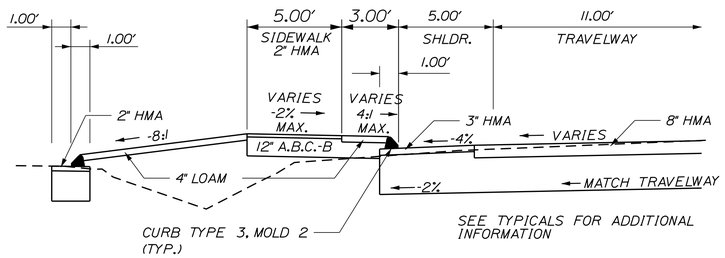
TYPICAL SECTIONS

SHEET NUMBER

6

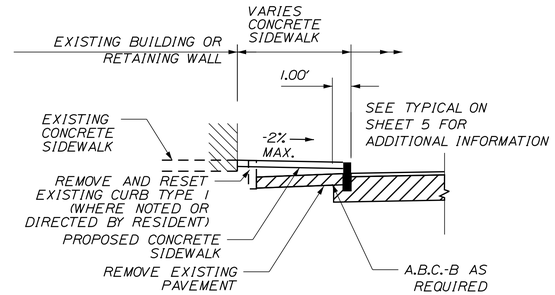
OF 187

Filename: ...\HIGHWAY\MSTA\006_Typical.dgn Division: HIGHWAY Username: common Date:10/28/2015



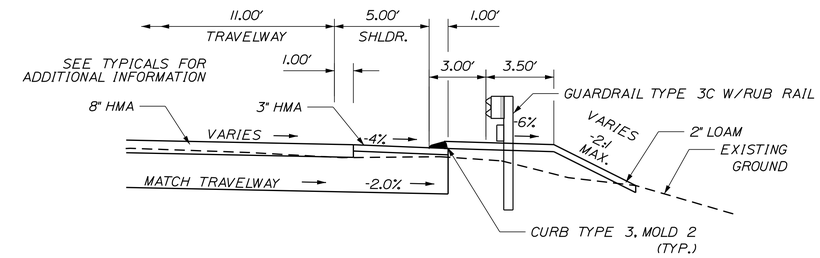
CURB ISLAND DETAIL

STA. 45+00 TO STA. 45+80 LT



CONCRETE SIDEWALK CURB EXTENSION DETAIL

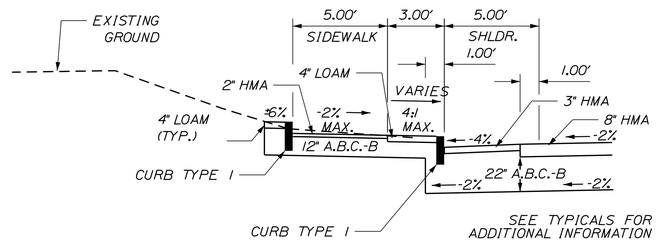
STA. 89+20 TO STA. 89+49.4 LT
STA. 89+20 TO STA. 89+59.4 RT
STA. 91+48.7 TO STA. 93+00 LT
STA. 91+47.2 TO STA. 93+00 RT



GUARDRAIL SHOULDER DETAIL

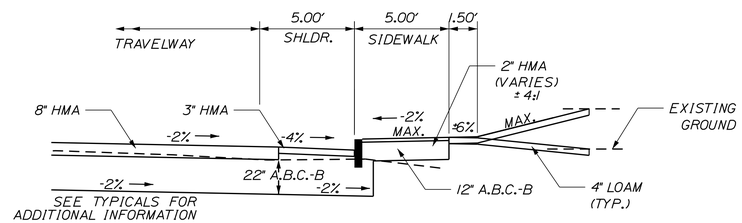
STA. 125+00 TO STA. 126+25 RT
STA. 125+65 TO STA. 126+25 LT

AGGREGATE BASE COURSE - TYPE B



BACK OF SIDEWALK CURB DETAIL

STA. 62+35 TO 63+55 LT
STA. 67+00 TO 67+50 LT

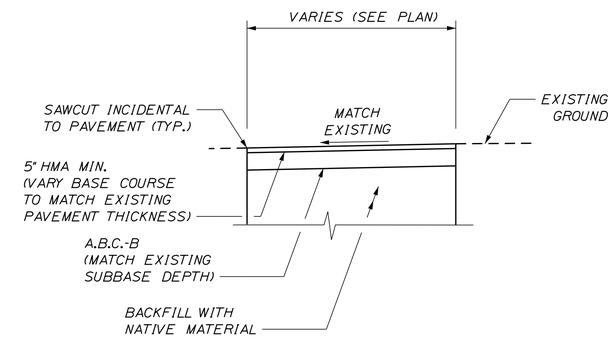


CURB SIDEWALK DETAIL 2

STA. 68+00 TO STA. 76+50 RT
STA. 93+50 TO STA. 124+30 RT

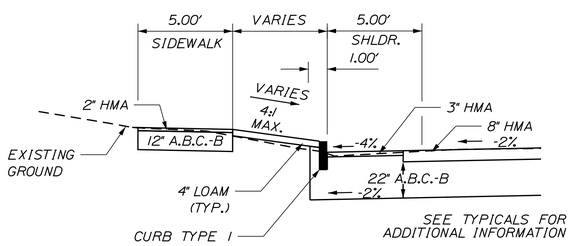
AGGREGATE BASE COURSE - TYPE B

RIGHT SHOULDER & SIDEWALK 61.6 CY/100 LF STATION TO STATION
68+00 TO 76+50
93+50 TO 124+30



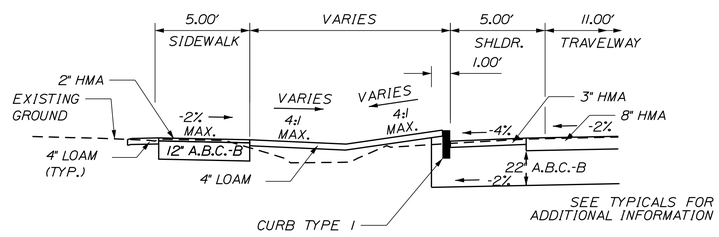
TRENCH PAVING AREAS

KNOX STREET
(OR AS NEEDED)



CURB SIDEWALK DETAIL

STA. 88+00 - STA. 88+65 LT



SIDEWALK & SWALE CURB DETAIL

STA. 96+00 TO STA. 123+00 LT

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
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REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

TYPICAL SECTIONS

SHEET NUMBER

7

OF 187

Filename: ...\HIGHWAY\MSTA\007_Typical.dgn Division: HIGHWAY Username: common Date:10/28/2015

ESTIMATED QUANTITIES

	ROADWAY ESTIMATED QUANTITIES			
	ITEM NO.	DESCRIPTION	QUANTITY	UNIT
	201.11	CLEARING	1	AC
	201.23	REMOVING SINGLE TREE TOP ONLY	11	EA
	201.24	REMOVING STUMP	11	EA
	202.11	REMOVING PORTLAND CEMENT CONCRETE	24000	SY
	202.15	REMOVING EXISTING MANHOLE OR CATCH BASIN	12	EA
*	202.202	REMOVING PAVEMENT SURFACE	700	SY
	202.203	PAVEMENT BUTT JOINTS	200	SY
	203.20	COMMON EXCAVATION	40688	CY
	203.2312	HEALTH AND SAFETY PLAN	1	LS
	203.2333	DISPOSAL OF SPECIAL EXCAVATION	100	T
*	203.250	GRANULAR BORROW	2000	CY
*	206.07	STR ROCK EXC - DR & MINOR STR	100	CY
	304.150	AGGR BASE COURSE - TYPE "B"	40000	CY
	403.2072	HOT MIX ASPHALT, 19.0 MM NOMINAL MAXIMUM SIZE	5800	T
	403.2081	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE	4000	T
	403.209	HOT MIX ASPHALT 9.5 MM (INCIDENTALS)	1300	T
	403.211	HOT MIX ASPHALT (SHIM)	100	T
	403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE BASE AND INTERMEDIATE BASE COURSE	8100	T
	409.15	BITUMINOUS TACK COAT - APPLIED	5500	G
*	461.131	TEMPORARY PAVEMENT	200	T
	603.159	12" CULV PIPE OPTION III	718	LF
	603.165	15" RCP CLASS III	164	LF
	603.169	15" CULV PIPE OPTION III	104	LF
	603.17	18" CULV PIPE OPTION I	140	LF
	603.175	18" RCP CLASS III	252	LF
	603.179	18" CULV PIPE OPTION III	636	LF
	603.195	24" RCP CLASS III	28	LF
	603.199	24" CULV PIPE OPTION III	160	LF
	603.205	30" RCP CLASS III	172	LF
	603.209	30" CULV PIPE OPTION III	280	LF
	603.215	36" RCP CLASS III	28	LF
	603.219	36" CULV PIPE OPTION III	64	LF
	603.55	CONCRETE PIPE TIES	4	GP
	604.072	CATCH BASIN TYPE A1-C	42.5	EA
	604.076	60" CATCH BASIN TYPE A1-C	3	EA
	604.077	72" CATCH BASIN TYPE A1-C	1	EA
	604.092	CATCH BASIN TYPE B1-C	24	EA
	604.097	72" CATCH BASIN TYPE B1-C	4	EA
	604.153	60" MANHOLE	1	EA
	604.18	ADJUST MANHOLE OR CB TO GRADE	8	EA
	604.247	CATCH BASIN TYPE F5-C	9	EA
	604.252	CATCH BASIN TYPE A5-C	6	EA
	604.262	CATCH BASIN TYPE B5-C	4	EA
	605.09	6" UNDERDRAIN TYPE B	7350	LF
	605.10	6" UNDERDRAIN OUTLET	55	LF
	605.11	12" UNDERDRAIN TYPE C	6022	LF
	605.12	15" UNDERDRAIN TYPE C	646	LF
	605.13	18" UNDERDRAIN TYPE C	1934	LF
	605.15	24" UNDERDRAIN TYPE C	210	LF
	605.17	30" UNDERDRAIN TYPE C	424	LF
	606.232	GR TY 3C - OVER 15' RADIUS	37.5	LF
	606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	4	EA
	606.356	UNDERDRAIN DELINEATOR POST	6	EA
	606.551	GR TP3 - SINGLE RAIL W/RUB RAIL	162.5	LF
	606.79	GUARDRAIL 350 FLARED TERMINAL	1	EA
	607.24	REMOVE AND RESET FENCE	300	LF
	608.08	REINFORCED CONCRETE SIDEWALK	670	SY
	608.26	CURB RAMP DETECTABLE WARNING FIELD	640	SF
	609.11	VERT CURB TYPE 1	7810	LF
	609.12	VERT CURB TYPE 1- CIRCULAR	440	LF
	609.237	TERMINAL CURB TYPE 1 - 7 FOOT	188	EA
	609.2371	TERMINAL CURB TYPE 1- 7 FT - CIRCULAR	44	EA
	609.234	TERMINAL CURB TYPE 1 - 4 FOOT	3	EA
	609.31	CURB TYPE 3	4900	LF
	609.34	CURB TYPE 5	70	LF
	609.35	CURB TYPE 5 - CIRCULAR	20	LF
	609.38	RESET CURB TYPE 1	100	LF
	610.08	PLAIN RIPRAP	110	CY
	610.16	HEAVY RIPRAP	15	CY
	610.18	STONE DITCH PROTECTION	15	CY
	613.319	EROSION CONTROL BLANKET	709	SY
	615.07	LOAM	3600	CY
	618.13	SEEDING METHOD NUMBER 1	175	UN
	618.141	SEEDING METHOD NUMBER 3	117	UN
	619.1201	MULCH	292	UN
	620.54	STABILIZATION GEOTEXTILE	2900	SY
	620.58	EROSION CONTROL GEOTEXTILE	460	SY
	621.203	MD DECID TR (2"-2.50"CAL) GP C	6	EA
	621.280	LG DECID TR (2.50"-3" CAL) GP B	2	EA
	621.281	LG DECID TR (2.50"-3" CAL) GP C	10	EA
	626.11	PRECAST CONCRETE JUNCTION BOX	6	EA
	626.21	METALLIC CONDUIT	50	LF
	626.22	NON-METALLIC CONDUIT	310	LF
	626.32	24" FOUNDATION	6	EA
	626.38	GROUND MTD CABINET FOUNDATION	1	EA
	627.733	4" WHITE OR YELLOW PAINTED PAVE MRK LINE	33000	LF
	627.75	WHITE OR YELLOW PAVEMENT & CURB MARKING	5100	SF
*	627.76	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	1	LS
	627.77	REMOVING PAVEMENT MARKINGS	100	SF
	629.05	HAND LABOR, STRAIGHT TIME	20	HR

	ROADWAY ESTIMATED QUANTITIES			
	ITEM NO.	DESCRIPTION	QUANTITY	UNIT
	631.12	ALL-PURPOSE EXC (INC OPERATOR)	20	HR
	631.13	BULLDOZER (INCLUDING OPERATOR)	20	HR
	631.172	TRUCK-LARGE (INC OPERATOR)	40	HR
	631.18	CHAIN SAW RENTAL(INC OPERATOR)	20	HR
	631.20	STUMP CHIPPER (INC OPERATOR)	10	HR
	631.32	CULVERT CLEANER (INC OPERATOR)	80	HR
	639.18	FIELD OFFICE TYPE A	1	EA
	643.80	TRAFFIC SIGNALS AT KNOX AND BEECHWOOD	1	LS
	643.86	TRAFFIC SIGNAL LOOP DETECTORS	6	EA
	643.91	MAST ARM POLE W/20FT MAST ARM	1	EA
	643.91	MAST ARM POLE W/25FT MAST ARM	1	EA
	643.92	PEDESTAL POLE	6	EA
	645.106	DEMOUNT REG, WRNG, CONF & RTE MARKER SGN	32	EA
	645.108	DEMOUNT POLE	32	EA
	645.116	REINST REG, WRN, CONF, & RTE MARKER SIGN	23	EA
	645.118	REINSTALL POLE	23	EA
	645.271	REG WARN CONF RTE SIGNS TYPE I	232.25	SF
*	652.33	DRUM	80	EA
*	652.34	CONE	165	EA
*	652.35	CONSTRUCTION SIGNS	1000	SF
	652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	600	CD
	652.38	FLAGGER	22000	HR
	652.381	TRAFFIC OFFICER	100	HR
	652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA
	656.75	TEMP SOIL EROSION & WATER POLLUTION CTRL	1	LS
	659.10	MOBILIZATION	1	LS
	660.21	ON-THE-JOB TRAINING	2000	HR
*	801.141	4" PVC SANITARY SEWER (SDR-35)	250	LF
*	801.16	6" PVC SANITARY SEWER (SDR-35)	250	LF

* UNDETERMINED LOCATION

MAINE WATER COMPANY ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
652.38	FLAGGER	280	HR
825.422	2" POLY SERVICE	150	LF
825.43	1" COPPER SERVICE	1975	LF
827.33	TRENCH INSULATION	200	LF

THOMASTON WATER POLLUTION CONTROL ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
652.38	FLAGGER	36	HR
812.162	ADJUSTING SEWER MH TO GRADE	36	EA

EARTHWORK SUMMARY

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS)	38,754	
(DOES NOT INCLUDED EXISTING CONCRETE PAVEMENT. HOWEVER,)		
EXISTING HOT MIX ASPHALT IS INCLUDED IN COMMON EX.)		
EARTH FROM DRIVES, OLD ROAD, ETC.	1,168	
GRUBBING IN FILL	576	
PAVEMENT SALVAGE IN FILL	190	
TOTAL COMMON EXCAVATION (for estimate)		40,688

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	8,959	
GRUBBING IN FILL	576	
PAVEMENT SALVAGE IN FILL	190	
TOTAL FILL		9,725

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CROSS SECTIONS)	6,800	
(EXISTINGING CONCRETE PAVEMENT)		
TOTAL ROCK EXCAVATION		6,800

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION		40,688
DEDUCTIONS:		
GRUBBING IN FILL	576	
PAVEMENT SALVAGE (CUT & FILL) (APPROXIMATED)	7,900	
(2) TOTAL DEDUCTIONS		8,476
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		32,212
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)		1,227
RIPRAP EXCAVATION		220
TOTAL AVAILABLE NON-ROCK EXCAVATION		33,659

COMPUTATION OF WASTE STORAGE & WASTE MATERIAL

TOTAL AVAIL. WASTE STORAGE AREA (FROM CROSS SECTIC	8,959	
GRUBBING IN FILL	576	
STONE DITCH PROTECTION AND RIPRAP AREAS	220	
TOTAL WASTE MATERIAL TO BE UTILIZED (LOWER OF TOTAL AVAILABLE WASTE STORAGE AREA OR TOTAL WASTE MATERIAL)		0
TOTAL WASTE MATERIAL TO BE WASTED (TOTAL WASTE MATERIAL MINUS TOTAL WASTE MATERIAL TO BE UTILIZED)		796

COMPUTATION FOR COMMON BORROW FOR ESTIMATE

(3)TOTAL FILL				9,725
TOTAL AVAIL. NON-ROCK EXCAV.	33,659	x 0.90 =	30,293	
TOTAL AVAIL. ROCK EXCAV.	6,800	x 1.30 =	8,840	
TOTAL AVAIL. STR. ROCK EXCAV.		x 1.30 =	0	
TOTAL WASTE MATERIAL TO BE UTILIZED		x 0.90 =	0	
(4)TOTAL AVAILABLE EXCAVATION			=	39,133
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION				-29,408

IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION MINUS TOTAL FILL, PLUS TOTAL WASTE MATERIAL TO BE WASTED 30,204

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
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FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

ESTIMATED QUANTITIES

SHEET NUMBER
8
OF 187

Filename: ...\HIGHWAY\MSTA\008_Estimate.dgn Division: HIGHWAY Username: common Date:2/1/2016

STATION	CULVERT PIPE											CATCH BASIN					MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		OPTION I		OPTION III										TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED								U.D.	U.D.	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	A5-C	B1-C	B5-C	F		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
CATCH BASINS AND MANHOLES																									
STA. 12+71.70, 33.31 RT. (CB #1)														1											
STA. 32+62.15, 14.88' RT. (CB #2)														1 5/8											
STA. 34+64.88, 30.85' LT. (CB #3)														1 4/8											
STA. 34+65.12, 14.88' RT. (CB #4)														1 4/8											
STA. 37+50.00, 18.66' LT. (CB #5)														1											
STA. 37+50.00, 14.88' RT. (CB #6)														1											
STA. 40+00.00, 14.88' LT. (CB #7)															1										2' CONE
STA. 44+67.60, 30.00' LT. (CB #8)																1									
STA. 45+10.10, 14.88' LT. (CB #9)														1											
STA. 46+84.85, 14.88' LT. (CB #10)														1 2/8											
STA. 47+00.00, 14.88' RT. (CB #11)														1 2/8											
STA. 49+34.26, 35.00' LT. (CB #12)																1									
STA. 49+63.13, 14.88' RT. (CB #13)														1 7/8											72 INCH CATCH BASIN
STA. 49+63.13, 14.88' LT. (CB #14)														1 6/8											72 INCH CATCH BASIN
STA. 52+12.00, 14.88' LT. (CB #15)															1 2/8										2' CONE
STA. 52+12.00, 35.00' LT. (CB #16)																1									
STA. 52+50.00, 14.88' RT. (CB #17)														1 2/8											
STA. 54+00.00, 14.88' LT. (CB #18)														1											
STA. 54+17.25, 32.50' LT. (CB #19)																1									
STA. 55+80.03, 22.28' RT. (CB #20)														1 2/8											
STA. 55+79.49, 30.00' LT. (CB #21)																1									
STA. 55+79.96, 14.88' LT. (CB #22)														1 2/8											
STA. 58+90.00, 14.88' LT. (CB #23)														1											
STA. 58+75.40, 14.88' RT. (CB #24)														1											
STA. 61+88.09, 14.88' LT. (CB #25)												1													
STA. 61+88.15, 14.88' RT. (CB #26)												1													
STA. 66+50.00, 14.88' LT. (CB #27)												1													
STA. 66+50.00, 14.88' RT. (CB #28)													1												
STA. 68+00.00, 14.88' LT. (CB #29)												1													
STA. 68+00.00, 14.88' RT. (CB #30)													1 2/8												
STA. 70+07.64, 14.88' RT. (CB #31)												1 2/8													
STA. 70+07.36, 14.88' LT. (CB #32)													1 2/8												
STA. 72+25.00, 14.88' LT. (CB #33)												1													12 INCH SUMP
STA. 72+25.13, 14.88' RT. (CB #34)												1													
STA. 75+00.00, 20.65' LT. (CB #35)														1											
STA. 75+16.62, 19.91' LT. (CB #36)																									EXISTING CB ADJUST TO GRADE
STA. 75+17.63, 14.88' RT. (CB #37)												1 3/8													
STA. 76+86.88, 14.88' RT. (CB #38)												1 2/8													60 INCH CATCH BASIN
STA. 76+93.46, 14.88' LT. (CB #39)												1													72 INCH CATCH BASIN; 12 INCH SUMP
STA. 77+61.05, 14.88' LT. (CB #40)												1													FLAT TOP; 12 INCH SUMP
STA. 77+67.00, 20.00' LT. (CB #41)															1										FLAT TOP; 3' SLUMP
STA. 77+67.00, 14.88' RT. (CB #42)												1													
STA. 78+29.93, 20.63' LT. (CB #43)																1									
STA. 79+20.86, 14.88' LT. (CB #44)												1													12 INCH SUMP
STA. 80+42.00, 14.88' LT. (CB #45)													1												
STA. 80+42.00, 14.88' RT. (CB #46)												1													
STA. 82+98.90, 14.88' LT. (CB #47)												1													
STA. 82+98.90, 14.88' RT. (CB #48)												1													
STA. 88+18.80, 27.06' RT. (CB #49)														1											
STA. 88+18.81, 22.13' LT. (CB #50)												1													
STA. 88+19.38, 19.88' RT. (CB #51)												1 2/8													
STA. 89+57.39, 26.58' RT. (CB #52)												1													
STA. 91+48.58, 28.61' LT. (CB #53)														1											CONNECT TO EXISTING SYSTEM
STA. 95+42.74, 22.88' LT. (CB #54)												1													
STA. 95+39.68, 14.88' RT. (CB #55)													1												
STA. 96+16.70, 16.00' RT. (MH #55A)																	1								60" MH; CONNECT TO EXISTING SYSTEM
STA. 97+96.99, 14.88' LT. (CB #56)												1													
STA. 97+97.01, 14.88' RT. (CB #57)												1													
STA. 100+50.00, 14.88' LT. (CB #58)												1													
STA. 100+50.00, 14.88' RT. (CB #59)												1													
STA. 101+15.46, 14.88' RT. (CB #60)												1 4/8													
STA. 101+26.83, 14.88' LT. (CB #61)												1 2/8													
STA. 106+50.79, 14.88' RT. (CB #62)												1													
STA. 106+55.24, 14.88' LT. (CB #63)												1													
STA. 106+76.76, 42.77' LT. (CB #64)																1									
STA. 107+24.50, 14.88' RT. (CB #65)												1													
STA. 109+50.00, 14.88' LT. (CB #66)												1													
STA. 109+50.00, 14.88' RT. (CB #67)												1													
STA. 110+75.93, 14.88' LT. (CB #68)												1													
STA. 110+75.93, 14.88' RT. (CB #69)												1 2/8													
STA. 111+03.31, 44.20' LT. (CB #70)																1									
STA. 112+19.52, 14.88' RT. (CB #73)												1													
STA. 113+99.87, 14.88' LT. (CB #71)												1													
STA. 113+99.87, 21.50' LT. (CB #72)																1									
STA. 116+89.91, 14.88' LT. (CB #74)												1 2/8													
STA. 116+87.58, 14.88' RT. (CB #75)												1 2/8													60 INCH CATCH BASIN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	P.ARMATA		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

DRAINAGE SUMMARY

SHEET NUMBER

9

OF 187

Filename: ...\MSTA\009_DrainageSummary.dgn Division: HIGHWAY Username: common Date:10/28/2015

STATION	CULVERT PIPE											CATCH BASIN					MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		OPTION I		OPTION III										TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED								U.D.	U.D.	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	A5-C	B1-C	B5-C	F		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
CATCH BASINS (CONTINUED)																									
STA. 117+99.80, 14.88' RT. (CB #77)												1													
STA. 119+45.00, 14.88' LT. (CB #76)												1													
STA. 123+05.97, 19.50' LT. (CB #78)												1 2/8													
STA. 124+14.64, 24.56' RT. (CB #79)												1													
STA. 125+19.45, 23.42' LT. (CB #80)												1 2/8													
STA. 125+50.00, 26.01' RT. (CB #81)														1 2/8											
STA. 125+89.94, 20.17' LT. (CB #82)														1 2/8											
UNDERDRAIN																									
STA. 23+50.00, 29.86' RT. TO 27+00.00, 14.50' RT.																		300'	52'						PLUS 3' ADDED FOR ELBOW
CB #2 TO CB #4																				30"	198'	30"	198'		
CB #3 TO CB #5																				12"	284'	12"	284'		
CB #4 TO CB #6																				12"	280'	12"	280'		
CB #5 TO CB #7																				12"	244'	12"	244'		
CB #6 TO 42+39.90, 14.50, RT.																		492'							
CB #7 TO 42+39.90, 14.50' LT.																		238'							
STA. 42+45.00, 15.00' LT. TO CB #9																		264'							
STA. 42+45.00, 15.00' RT. TO CB #11																		460'							
CB #9 TO CB #10																				12"	170'	12"	170'		
CB #10 TO CB #14																				12"	272'	12"	272'		
CB #11 TO CB #13																				12"	262'	12"	262'		
CB #13 TO CB #17																				12"	288'	12"	288'		
CB #14 TO CB #15																				12"	244'	12"	244'		
CB #15 TO CB #18																				12"	184'	12"	184'		
CB #18 TO 55+73.63, 14.50' LT.																		172'							
CB #17 TO 55+50.00, 14.50' RT.																		298'							
CB #20 TO CB #24																				12"	302'	12"	302'		
CB #22 TO CB #23																				15"	312'	15"	312'		
CB #23 TO CB #25																				12"	294'	12"	294'		
CB #24 TO CB #26																				12"	312'	12"	312'		
CB #25 TO 64+50.00, 14.50' LT.																		262'							
CB #26 TO 64+50.00, 14.50' RT.																		260'							
STA. 64+56.00, 14.50' LT. TO CB #27																		194'							
STA. 64+56.00, 14.50' RT. TO CB #28																		194'							
CB #27 TO CB #29																				12"	146'	12"	146'		
CB #28 TO CB #30																				12"	146'	12"	146'		
CB #29 TO CB #32																				12"	204'	12"	204'		
CB #31 TO CB #34																				18"	214'	18"	214'		
STA. 71+03.44, 14.50' LT. TO CB #33																		122'							
CB #34 TO CB #37																				18"	290'	18"	290'		
CB #33 TO CB #35																				12"	272'	12"	272'		
STA. 75+17.00, 14.50' RT. TO CB #38																		166'							
STA. 75+58.36, 14.50' LT. TO CB #39																		136'							
CB #38 TO CB #42																				15"	78'	15"	78'		
CB #39 TO CB #40																				30"	70'	30"	70'		
CB #40 TO CB #44																				30"	156'	30"	156'		
CB #42 TO CB #46																				12"	272'	12"	272'		
CB #44 TO CB #45																				15"	118'	15"	118'		
CB #45 TO CB #47																				12"	252'	12"	252'		
CB #46 TO CB #48																				12"	252'	12"	252'		
CB #48 TO 86+00.00, 14.50' RT.																		302'							
CB #47 TO 86+00.00, 20.07' LT.																		298'							
STA. 86+04.00, 14.50' RT. TO CB #51																		216'							
STA. 86+04.00, 20.20' LT. TO CB #50																		214'							
STA. 93+09.00, 22.50' LT. TO CB #54																		234'							
STA. 93+09.00, 14.50' RT. TO CB #55																		234'							
STA. 95+58.00, 14.50' LT. TO CB #56																		240'							
CB #55 TO MH #55A																				12"	72'	12"	72'		
STA. 96+20.00, 14.50' RT. TO CB #57																		174'							
CB #56 TO CB #58																				12"	250'	12"	250'		
CB #57 TO CB #59																				12"	250'	12"	250'		
CB #58 TO CB #61																				15"	76'	15"	76'		
CB #59 TO CB #60																				15"	62'	15"	62'		
CB #60 TO 103+22.00, 14.50' RT.																		206'							
CB #61 TO 103+22.00, 14.50' LT.																		197'							
STA. 103+25.00, 14.50' LT. TO CB #63																		330'							
STA. 103+25.00, 14.50' RT. TO CB #62																		323'							
STA. 106+80.00, 14.50' LT. TO CB #66																		272'							
CB #65 TO CB #67																				18"	226'	18"	226'		
CB #66 TO CB #68																				12"	124'	12"	124'		
CB #67 TO CB #69																				18"	124'	18"	124'		
STA. 111+08.00, 14.50' LT. TO CB #71																		302'							
CB #71 TO CB #74																				12"	286'	12"	286'		
CB #73 TO CB #75																				18"	464'	24"	464'		
STA. 117+30.39, 14.50' LT. TO CB #76																		214'							
CB #76 TO CB #78																				12"	360'	12"	360'		
CB #77 TO CB #79																				18"	616'	24"	616'		
CB #78 TO CB #80																				24"	210'	24"	210'		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2			
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE 10/1/15

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

DRAINAGE SUMMARY

SHEET NUMBER

10

OF 187

Filename: ...\MSTA\010_DrainageSummary.dgn Division: HIGHWAY Username: common Date:10/28/2015

STATION	CULVERT PIPE											CATCH BASIN					MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		OPTION I		OPTION III										TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED								U.D.	U.D.	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	A5-C	B1-C	B5-C	F		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
RCP																									
STA. 12+71.70, 30.00' LT. TO CB #1	18"	64'	III																						RIPRAP INLET
STA. 18+05.13, 49.06' RT. TO 18+50.00, 37.79' LT.	30"	100'	III																						RIPRAP INLET AND OUTLET AND PIPE TIES
CB #3 TO CB #4	30"	44'	III																						
CB #14 TO CB #13	30"	28'	III																						
CB #22 TO CB #20	18"	36'	III																						
CB #32 TO CB #31	18"	28'	III																						
CB #39 TO CB #38	36"	28'	III																						
CB #50 TO CB #51	18"	40'	III																						
STA. 91+67.98, 28.72' LT. TO 91+67.24, 154.83' RT.	15"	164'	III																						CONNECT TO EXIST. CB AT INLET & OUTLET
CB #61 TO CB #60	24"	28'	III																						
CB #63 TO CB #62	18"	28'	III																						
CB #68 TO CB #69	18"	28'	III																						
CB #74 TO CB #75	18"	28'	III																						
CLOSED DRAINAGE																									
STA. 11+82.54, 39.39' RT. TO CB #1								15"	88'	15"	88'														
CB #1 TO 12+74.58, 74.26' RT.								18"	40'	18"	40'														PLUNGE POOL OUTLET
CB #2 TO STA. 32+37.09, 45.00' RT.								30"	40'	30"	40'														SEE OUTLET DETAILS
34+64.72, 56.69' LT. TO CB #3								30"	24'	30"	24'														
CB #8 TO CB #9								12"	40'	12"	40'														
CB #12 TO CB #14								12"	32'	12"	32'														
49+70.00, 43.95' LT. TO CB #14								30"	32'	30"	32'														
CB #13 TO STA. 49+50.00, 64.85' RT.								30"	52'	30"	52'														SEE OUTLET DETAILS
CB #16 TO CB #15								12"	16'	12"	16'														
CB #18 TO CB #19								12"	24'	12"	24'														
CB #21 TO CB #22								12"	12'	12"	12'														
CB #30 TO CB #31								12"	204'	12"	204'														
CB #35 TO CB #36								12"	16'	12"	16'														
CB #38 TO STA. 76+68.62, 48.18' RT.								36"	36'	36"	36'														CONNECT TO EXISTING CB
76+98.24, 39.31' LT. TO CB#39								36"	28'	36"	28'														
CB #41 TO CB #40								12"	4'	12"	4'														
CB #43 TO CB #41								12"	60'	12"	60'														
STA. 79+20.38, 147.18' LT. TO CB #44								30"	132'	30"	132'														
CB #49 TO STA. 87+68.79, 102.97' RT.								18"	88'	18"	88'														CONNECT TO EXISTING CB
CB#51 TO CB #52								12"	140'	12"	140'														
CB #51 TO CB #49								18"	4'	18"	4'														
STA. 91+48.58, 28.61' LT. TO STA. 91+67.98, 28.72' LT.								15"	16'	15"	16'														
STA. 92+10.04', 28.41' LT. TO STA. 91+67.98, 28.72' LT.								12"	42'	12"	42'														
CB#54 TO CB #54A								12"	60'	12"	60'														
CB #60 TO STA. 101+06.73, 51.00' RT.								24"	40'	24"	40'														RIPRAP OUTLET
101+21.21, 43.24' LT. TO CB #61								24"	32'	24"	32'														RIPRAP INLET
CB #62 TO CB #65								18"	68'	18"	68'														
CB #64 TO CB #63								12"	32'	12"	32'														
CB #70 TO CB #68								12"	32'	12"	32'														
CB #69 TO CB #73								18"	140'	24"	140'														
CB #72 TO CB #71								12"	4'	12"	4'														
CB #75 TO CB #77								18"	108'	24"	108'														
STA. 123+20.47, 46.64 LT. TO CB #78								18"	30'	18"	30'														
CB #79 TO CB #81								18"	136'	24"	136'														
CB #81 TO 125+47.00, 47.4' RT.								18"	22'	24"	22'														SEE OUTLET DETAILS
CB #80 TO CB #82								24"	68'	30"	68'														
CB #82 TO 125+93.36, 38.81' LT.								24"	20'	30"	20'														SEE OUTLET DETAILS
DRIVE CULVERTS																									
STA. 17+19.98, 34.62' LT. TO 17+50.00, 37.13' LT.						18"	32'																		
STA. 19+57.68, 35.08' RT. TO 20+00.05, 32.45' RT.						18"	44'																		
STA. 201+19.61, 19.91' RT. TO 201+89.70, 35.58' RT.						18"	64'																		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2			
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

DRAINAGE SUMMARY

SHEET NUMBER

11

OF 187

Filename: ...\MSTA\011_DrainageSummary.dgn Division: HIGHWAY Username: common Date:10/28/2015

GENERAL NOTES

1. THE UTILITIES INVOLVED IN THIS CONTRACT ARE AS FOLLOWS:
   CENTRAL MAINE POWER
   MAINE WATER
   COMCAST
   FAIRPOINT
   TOWN OF THOMASTON SEWER

2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.

3. MAINE WATER COMPANY INSTALLED A NEW WATER MAIN THAT IS GENERALLY LOCATED ON THE LEFT SIDE OF THE PROJECT IN 2014 AND 2015. THIS IS NOT SHOWN ON THE PLANS. THE EXISTING WATERLINE (PRE - 2014 & 2015) IS SHOWN AND NOTED AS, "TO BE ABANDONED". CONTACT MAINE WATER COMPANY FOR MORE INFORMATION.

4. A TEMPORARY RAMP SHALL BE CONSTRUCTED WITH HMA AT THE ENDS OF THE ROADWAY SECTION PAVED OR MILLED EACH DAY. THE USES OF MILLINGS OR RAP WILL NOT BE ALLOWED, BUT COLD PATCH MAY BE TEMPORARILY UTILIZED UNTIL HMA PLANTS ARE OPEN FOR THE SEASON.

5. TEMPORARY RAMPS SHALL BE CONSTRUCTED WITH ONE FOOT OF LENGTH FOR EVERY 1/4" OF TRANSITION DEPTH ON THE LEADING AND THE TRAILING END. MATERIALS, PLACEMENT, MAINTENANCE, AND REMOVABLE SHALL BE INCIDENTAL TO CONTRACT ITEMS. (NOTE: FOR ALL OTHER ROADWAYS WITH SPEED LIMITS LESS THAN 50 MPH)

6. CLEARING LIMITS SHALL BE 10' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.

7. STUMPS HAVE BEEN ESTIMATED TO BE REMOVED UNDER ITEM 201.24 REMOVE STUMP. HOWEVER, WHERE DIRECTED BY THE RESIDENT, ITEM 631.20 STUMP CHIPPER RENTAL MAY BE USED TO REMOVE STUMPS.

8. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT. ESTIMATED GRUBBING DEPTHS ARE 6 INCHES IN FIELD AREAS AND 12 INCHES IN WOODED AREAS.

9. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.

10. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.

11. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AND WILL PAID FOR AS GRANULAR BORROW.

12. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1' ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW UNDERWATER BACKFILL.

13. ENTRANCES SHALL BE CONSTRUCTED WITH:
    RESIDENTIAL PAVED ENTRANCES: 2" HOT MIX ASPHALT AND 12" (A.S.C.-G.) AGGREGATE BASE COURSE - TYPE B.

    COMMERCIAL PAVED ENTRANCES: 3" HOT MIX ASPHALT AND 11" AGGREGATE BASE COURSE - TYPE B.

    UNPAVED ENTRANCES: 14" AGGREGATE BASE COURSE - TYPE B

    CRUSHED STONE ENTRANCES: 2" CRUSHED STONE SURFACE AND 12" AGGREGATE BASE COURSE - TYPE B

    GRASSED ENTRANCES: 2" LOAM, SEED & MULCH AND 12" AGGREGATE BASE COURSE - TYPE B

    CONCRETE PAVED ENTRANCES: THE LARGER OF 8" OR EXISTING THICKNESS OF CONCRETE SLAB AND 6" AGGREGATE BASE COURSE - TYPE B

14. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

15. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12" AGGREGATE BASE COURSE - TYPE B AND 2" HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT. ALL CONCRETE WALKS SHALL BE CONSTRUCTED AS 10" AGGREGATE BASE COURSE - TYPE B AND 4" REINFORCED CONCRETE. ALL WALKS TO BE RESET TO BE CONSTRUCTED WITH 10" AGGREGATE BASE COURSE - TYPE B AND RESET STONES OR BRICKS.

16. NEW SIDEWALK AND RAMPS SHALL BE ADA COMPLIANT. SIDEWALK SHALL BE BUILT WITH A CROSS SLOPE OF 2% MAXIMUM. MAXIMUM RAMP RUNNING SLOPE SHALL BE 1:12 (8.33%).

17. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.

18. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE SHOULDER PAVEMENT WILL HAVE SAME SLOPE AS TRAVELED WAY.

19. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.

20. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.

21. REMOVAL OF EXISTING DRAINAGE PIPES, AS NOTED ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20, COMMON EXCAVATIONS. FOR EXISTING DRAINAGE PIPES UNDER THE ROADWAY NOTED TO BE REMOVED THE CONTRACTOR SHALL HAVE THE OPTION TO FILL THE PIPE WITH FLOWABLE FILL AT THE APPROVAL OF THE RESIDENT. THE PIPE SHALL BE EXPOSED ON BOTH ENDS AND FILLED WITH FLOWABLE FILL. THE WORK SHALL BE CONSIDERED INCIDENTAL TO COMMON EXCAVATION.

22. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

23. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTH LINED PIPES. FOR COMPARABLE CORRUGATED SIZES SEE THE DRAINAGE TABULATION.

24. AI-C AND BI-C CATCH BASINS SHALL BE SHAPE 1 WITH HAUNCHED CONE, AS PER STANDARD DETAIL 604(02), UNLESS OTHERWISE NOTED ON THE PLANS.

25. CATCH BASIN AND RIM ELEVATIONS NOTED ON THE CROSS SECTIONS ARE AT THE TOP OF GRATE AT THE GUTTERLINE. CATCH BASIN OFFSET LOCATIONS ARE MEASURED TO THE CENTER OF THE GRATE.

26. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6-INCH TYPE B UNDER DRAIN.

27. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 604.

28. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 603 OR 605.

29. A 3 FT. X 3 FT. SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT UNDER DRAIN OUTLETS.

30. EXISTING ABANDONED WATER MAINS BROKEN BY THE CONTRACTOR DURING CONSTRUCTION SHALL HAVE THE ENDS PLUGGED WITH BRICK AND MORTAR. COST FOR ALL LABOR AND MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DIRECT PAYMENT WILL BE MADE.

31. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.

32. ALL EXISTING GUARDRAIL SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

33. TWO REFLECTORIZED FLEXIBLE G.R. MARKERS (ITEM 606.353) WILL BE INSTALLED AT EACH GUARDRAIL END.

34. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH UNDER DRAIN OUTLET.

35. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL WILL BE CONSIDERED INCIDENTAL TO ITEM 606.

36. ALL CATCH BASINS TYPE A PLACED ON CIRCULAR CURB TYPE 1 SHALL HAVE THE CURB INLET CUT THE SAME RADIUS AS ADJACENT CIRCULAR CURB. PAYMENT SHALL BE INCIDENTAL TO ITEM 604.

37. IN AREAS WHERE CURB TYPE 1 WILL BE RESET, THE EXISTING CURB SUITABLE FOR USE AS TERMINAL ENDS SHALL BE CUT IF NECESSARY AND UTILIZED AS SUCH AND PAID FOR UNDER ITEM 609.38 (RESET CURB TYPE 1). REQUIRED CUTTING WILL BE PAID UNDER FORCE ACCOUNT PROCEDURES.

38. BACKING UP BITUMINOUS CURB IS INCIDENTAL TO THE CURB ITEMS. IF DIRECTED, LOAM OR DIRTY BORROW WILL BE PAID FOR SEPARATELY. IN AREAS WHERE NEW BITUMINOUS CURB IS DESIGNATED TO REPLACE EXISTING, THE REMOVAL OF THE OLD BITUMINOUS CURB SHALL BE INCIDENTAL TO THE NEW CURB.

39. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL NON-GUARDRAIL SLOPES. SEEDING METHOD NO. 3 SHALL BE UTILIZED ON ALL GUARDRAIL FILL SLOPES. ON LONG NON-GUARDRAIL BACKSLOPES, SEEDING METHOD NO. 3 MAY BE USED INSTEAD OF METHOD NO. 2 IF NOTED OR DIRECTED BY THE RESIDENT.

40. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.

41. LANDSCAPING ITEMS ARE INCLUDED IN THE CONTRACT AND SHALL BE LOCATED IN THE FIELD BY THE RESIDENT ENGINEER PRIOR TO PLANTING.

42. ANY BASE PAVEMENT NOT SURFACED BEFORE WINTER WILL REQUIRE TEMPORARY PAVEMENT MARKINGS OF PAINT, BOTH YELLOW CENTERLINE AND WHITE EDGE LINES AND WILL BE CONSIDERED PART OF ITEM 627.78

43. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK; IT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

44. 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.

45. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS.

46. 5" OF HMA IS THE MINIMUM DEPTH ALLOWED TO BE LEFT OVER THE WINTER.

47. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACK SLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.

48. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.

49. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.

50. STATIONS REFERENCED ARE APPROXIMATE.

51. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.

52. IF THE CONTRACTOR ENCOUNTERS EVIDENCE OF SOIL OR GROUNDWATER CONTAMINATION, THE CONTRACTOR SHALL SECURE THE EXCAVATION, STOP WORK IN THE CONTAMINATED AREA, AND IMMEDIATELY NOTIFY THE RESIDENT. THE RESIDENT SHALL CONTACT THE HYDROGEOLOGIST IN MAINEDOT'S ENVIRONMENTAL OFFICE AT 207-624-3100 AND THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION AT 800-482-0777. WORK MAY ONLY CONTINUE WITH AUTHORIZATION FROM THE RESIDENT.

53. THE CONTRACTOR IS RESPONSIBLE FOR TRANSFERRING THE EXISTING STRIPING PATTERN ON TO THE SURFACE COURSE. STRIPING PATTERN WILL BE REVIEWED BY REGION TRAFFIC ENGINEER PRIOR TO FINAL STRIPING.

54. THE CONTRACTOR IS NOT REQUIRED TO MAINTAIN PUBLIC ACCESS TO THE MILLER GRAVEL PATHWAY AT STATION 24+80, LT. BUT SHALL MAINTAIN EMERGENCY ACCESS FOR MILLER HYDRO AS NEEDED.

55. THE CONTRACTOR MUST COORDINATE WITH RESIDENT ENGINEER TO DETERMINE LOCATION TO SALVAGE LEFTOVER PAVEMENT FOR DISTRICT 2 IN WALDOBORO.

56. DETECTABLE WARNING FIELDS INSTALLED AT CURVED RAMP OPENINGS SHALL BE RADIAL.

57. IN SOME AREAS OF CONSTRUCTION THE UNDERGROUND UTILITIES WILL NEED TO BE WORKED AROUND AND SUPPORTED. THIS WORK SHALL BE INCIDENTAL TO THE DRAINAGE ITEMS IN THE CONTRACT.

58. BEFORE ANY PROJECT SUSPENSION, ALL DRAINAGE STRUCTURES MUST BE FLUSH WITH EXISTING PAVEMENT SURFACE AND ANY ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

59. ROUTE 1 CONSISTS OF AN EXISTING CONCRETE SLAB UNDER PAVEMENT THAT IS TO BE REMOVED. THE CONCRETE THICKNESS RANGES FROM 7 TO 9 INCHES UNDER 4 TO 8 INCHES OF PAVEMENT. REMOVAL OF THIS CONCRETE WILL BE PAID FOR UNDER ITEM 202.11 REMOVING PORTLAND CEMENT CONCRETE.

60. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT THE END OF EACH SECTION OF BITUMINOUS CURB.

61. ITEM 203.25, GRANULAR BORROW WILL BE USED TO WIDEN THE EXISTING ROADWAY IN ORDER TO MAINTAIN TWO WAY TRAFFIC AS DIRECTED BY THE RESIDENT.

GEOTECHNICAL NOTES:

1. A COPY OF THE SOILS REPORT FOR THIS PROJECT IS AVAILABLE BY AT HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/

2. EXISTING SUBBASE GRAVEL DOES NOT MEET THE REQUIREMENTS OF MAINEDOT STANDARD SPECIFICATION 703.06, AGGREGATE FOR BASE AND SUBBASE, AND CANNOT BE REUSED AS GRAVEL ON THIS PROJECT.

3. CONTRACTOR SHALL ENSURE THAT THE EXISTING CLAY-SILT SOILS WILL BE PROTECTED FROM CONSTRUCTION TRAFFIC AND EXPOSURE TO WATER. IF THESE SOILS ARE DISTURBED IT MAY BE NECESSARY TO OVER EXCAVATE ONE FOOT AND REPLACE WITH GRANULAR MATERIALS. IF NECESSARY, STABILIZATION GEOTEXTILE SHALL BE PLACED ON SUBGRADE. THIS WORK SHALL BE DONE AT THE DIRECTION OF THE RESIDENT. ANY OVEREXCAVATION AND ASSOCIATED WORK REQUIRED IS INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL PAYMENT FOR GRANULAR MATERIALS WILL BE MADE. IF STABILIZATION GEOTEXTILE IS REQUIRED IT WILL BE PAID FOR UNDER ITEM 620.54, STABILIZATION GEOTEXTILE, AS DIRECTED BY THE RESIDENT.

4. WHERE OLD PAVEMENT IS ENCOUNTERED AT THE PROPOSED SUBGRADE, IT SHOULD BE REMOVED AND REPLACED WITH GRANULAR MATERIAL TO ENSURE THAT WATER IS NOT TRAPPED IN THE SUBBASE GRAVEL. THIS WORK SHALL BE DONE AT THE DIRECTION OF THE RESIDENT.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	C.SANTY		
DESIGN2-DETAILED2			
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

GENERAL NOTES

SHEET NUMBER
12
OF 187

Filename: ...\HIGHWAY\MSTA\012_Notes_Gen.dgn Division: HIGHWAY Username: common Date:2/10/2016

ITEM NO. 201.11 CLEARING

STATION	TO STATION	OFFSET
15+23	17+23	LT
17+48	26+03	LT
17+19	19+40	RT
20+23	24+26	RT
24+58	25+20	RT
26+92	33+02	RT

ITEM NO. 201.23
REMOVING SINGLE TREE TOP ONLY

STATION	OFFSET	DESCRIPTION
23+99	RT	24" OAK
25+47	RT	26" MAPLE
25+77	RT	26" MAPLE
33+70	LT	28" MAPLE
34+15	LT	24" MAPLE
49+62	RT	32" CHESTNUT
62+67	LT	32" MAPLE
94+24	RT	50" ASH
100+89	RT	12" ASH
101+41	RT	14" ASH
124+15	LT	24" MAPLE

ITEM NO. 201.24
REMOVING STUMP

STATION	OFFSET	DESCRIPTION
23+99	RT	24" OAK
25+47	RT	26" MAPLE
25+77	RT	26" MAPLE
33+70	LT	28" MAPLE
34+15	LT	24" MAPLE
49+62	RT	32" CHESTNUT
62+67	LT	32" MAPLE
94+24	RT	50" ASH
100+89	RT	12" ASH
101+41	RT	14" ASH
124+15	LT	24" MAPLE

ITEM NO. 202.11
REMOVING PORTLAND CEMENT CONCRETE PAVEMENT

STATION	STATION
11+50	89+20
93+00	118+50

ITEM NO. 202.15
REMOVING MANHOLE OR CATCH BASIN

STATION	OFFSET
55+78	LT
58+10	LT
75+40	RT
84+75	LT
94+84	CL
96+93	RT
102+84	CL
106+72	LT
111+04	LT
119+84	LT
119+84	RT
125+20	RT

ITEM NO. 202.202
REMOVING PAVEMENT SURFACE

THIS IS AN ESTIMATED QUANTITY TO BE USED IN AREAS WHERE RESIDENT DETERMINES EXISTING SUBBASE IS SUITABLE AND FULL DEPTH CONSTRUCTION IS NOT REQUIRED.

ITEM NO. 403.209
ASPHALT, 9.5 MM (INCIDENTALS SIDEWALK)

STATION	STATION	OFFSET	DESCRIPTION
40+53	44+70	LT	SIDEWALK
45+00	68+38	LT	SIDEWALK
68+08	68+44	RT	SIDEWALK
68+56	70+76	LT	SIDEWALK
68+94	76+52	RT	SIDEWALK
70+98	75+22	LT	SIDEWALK
75+48	88+66	LT	SIDEWALK
92+11	93+00	RT	SIDEWALK
92+86	106+74	LT	SIDEWALK
94+14	96+78	RT	SIDEWALK
97+11	106+75	RT	SIDEWALK
106+98	111+55	RT	SIDEWALK
107+06	111+05	LT	SIDEWALK
111+30	114+21	LT	SIDEWALK
111+97	117+09	RT	SIDEWALK
114+40	123+24	LT	SIDEWALK
117+54	124+39	RT	SIDEWALK
123+50	125+37	LT	SIDEWALK

ITEM NO. 606.232 GR TP 3C - OVER 15' RADIUS

STATION	TO STATION	OFFSET	LENGTH
124+75	125+05	RT	37.5'

ITEM NO. 606.551 GR TP 3 - SINGLE RAIL W RUB RAIL

STATION	TO STATION	OFFSET	LENGTH
125+05	126+25	RT	137.5'
126+06	126+25	LT	25.0'

ITEM NO. 606.79 GUARDRAIL 350 FLARED TERMINAL

STATION	TO STATION	OFFSET
125+68.5	126+06	LT

ITEM NO. 607.24
REMOVE AND RESET FENCE

BEGIN STA.	END STA.	OFFSET
41+06.7	42+01.4	LT
76+91.6	77+77.9	LT
77+87.9	78+04.5	LT
78+20.1	79+03.9	LT

ITEM NO. 608.26
CURB RAMP DETECTABLE WARNING FIELD

STATION	OFFSET	STATION	OFFSET
41+68	LT	92+26	RT
41+68	RT	92+43	LT
44+64	LT	92+89	LT
45+00	LT	92+98	RT
62+52	LT	93+25	LT
62+52	RT	93+44	RT
68+10	LT	93+49	LT
68+10	RT	93+76	RT
68+35	LT	94+14	RT
68+44	RT	96+79	RT
68+58	LT	97+12	RT
68+98	LT	106+69	RT
70+75	LT	106+72	LT
71+00	LT	107+04	LT
75+19	LT	107+06	LT
75+50	LT	110+87	LT
76+52	RT	110+87	RT
86+85	LT	111+03	LT
86+85	RT	111+30	LT
87+57	RT	111+54	RT
88+05	RT	111+97	RT
88+63	LT	114+19	LT
89+09	RT	114+41	LT
89+34	LT	117+09	RT
89+34	RT	117+57	RT
89+59	LT	123+17	LT
91+62	RT	123+57	LT
92+12	RT	124+37	RT
92+22	LT	125+29	LT

ITEM NO. 609.31
CURB TYPE 3 (MOLD 2)

BEGIN STA.	END STA.	OFFSET
32+59	33+19	RT
33+46	34+87	RT
36+10	36+90	RT
36+79	37+66	LT
37+16	38+63	RT
37+92	38+71	LT
38+89	40+57	RT
38+98	40+31	LT
40+57	41+66	LT
40+83	40+95	RT
41+40	41+66	RT
41+71	41+97	LT
41+71	42+12	RT
42+23	44+65	LT
42+37	42+51	RT
42+76	43+92	RT
44+18	44+98	RT
44+70	44+74	LT
44+96	44+97	LT
45+00	45+88	LT
45+25	45+77	RT
45+85	45+87	LT
46+04	46+28	RT
46+26	46+91	LT
46+56	46+68	RT
46+93	50+81	RT
47+19	48+01	LT
47+88	48+01	LT
48+28	49+32	LT
49+55	51+49	LT
51+07	51+61	RT
51+75	52+55	LT
52+01	53+15	RT
52+82	53+63	LT
53+60	55+42	RT
53+89	54+18	LT
54+44	55+46	LT
55+72	56+52	LT
55+78	56+12	RT
56+56	57+76	RT
56+78	57+81	LT
58+07	60+29	LT
58+25	58+98	RT
59+33	60+31	RT
125+00	126+25	RT
125+64	126+25	LT

ITEM NO. 609.31
CURB TYPE 3 (MOLD 3)

BEGIN STA.	END STA.	OFFSET
24+00	25+48	RT
25+74	26+12	RT
26+38	27+00	RT
125+00	125+27	RT
125+66	126+25	LT
125+72	126+19	RT

ITEM NO. 609.34
CURB TYPE 5

BEGIN STA.	END STA.	OFFSET	LENGTH
35+32	35+65	RT	32'
35+32	35+65	RT	32'

ITEM NO. 609.34
CURB TYPE 5 - CIRCULAR

BEGIN STA.	END STA.	OFFSET	LENGTH	RADIUS
35+30	35+32	RT	8'	2.5'
35+65	35+67	RT	8'	2.5'

ITEM NO. 610.08
PLAIN RIPRAP

STATION	OFFSET
11+75	LT
12+70	LT
18+00	RT
18+50	LT
32+30	RT
34+65	LT
49+80	RT
49+65	LT
77+00	LT
101+10	RT
101+22	LT
125+40	LT
126+00	RT
201+15	RT
202+00	LT

ITEM NO. 610.18
STONE DITCH PROTECTION

STATION	STATION	OFFSET
23+50	24+00	RT
125+50	125+50	RT
125+90	126+60	LT

ITEM NO. 613.319
EROSION CONTROL BLANKET

STATION	STATION	OFFSET
10+34	14+11	LT
12+00	13+64	RT
14+60	16+45	RT
14+82	17+19	LT
17+50	18+50	LT
18+79	19+57	RT
20+00	25+35	RT
23+00	32+63	LT
200+50	201+25	RT
201+00	202+40	LT
123+55	125+31	LT

ITEM NO. 620.58
EROSION CONTROL GEOTEXTILE

PLACE WITH ALL PLAIN RIPRAP AND STONE DITCH PROTECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2			
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CONSTRUCTION NOTES

SHEET NUMBER

13

OF 187

Filename: ...\MSTA\013_Notes_Const.dgn Division: HIGHWAY Username: common Date:1/5/2016

CONCRETE WALKS

STATION	OFFSET	DESCRIPTION
44+37	LT	CONCRETE
51+28	LT	CONCRETE
56+34	LT	CONCRETE
59+59	LT	CONCRETE
64+76	LT	CONCRETE
65+02	LT	CONCRETE
68+83	LT	CONCRETE
69+47	LT	CONCRETE
70+01	RT	CONCRETE
72+42	LT	CONCRETE
73+40	LT	CONCRETE
81+80	LT	CONCRETE
83+32	LT	CONCRETE
84+39	RT	CONCRETE
85+24	RT	CONCRETE
98+62	LT	CONCRETE
103+17	LT	CONCRETE
107+61	LT	CONCRETE
108+03	LT	CONCRETE
110+88	LT	CONCRETE
111+70	LT	CONCRETE
114+76	LT	CONCRETE
116+10	LT	CONCRETE
116+33	LT	CONCRETE
118+22	LT	CONCRETE
119+30	LT	CONCRETE

PAVED WALKS

STATION	OFFSET	DESCRIPTION
74+44	RT	PAVED
74+58	LT	PAVED
79+61	LT	PAVED
86+11	RT	PAVED
88+20	LT	PAVED
93+98	LT	PAVED
97+50	RT	PAVED
99+50	RT	PAVED
103+15	RT	PAVED
104+03	LT	PAVED
104+21	RT	PAVED
105+85	RT	PAVED
105+98	LT	PAVED
108+13	RT	PAVED
109+71	LT	PAVED
110+29	RT	PAVED
112+99	LT	PAVED
114+27	RT	PAVED
120+43	LT	PAVED

MULCH WALKS

STATION	OFFSET	DESCRIPTION
57+57	LT	MULCH WALK

GRAVEL WALKS

STATION	OFFSET	DESCRIPTION
62+52	RT	GRAVEL

RESET WALKS

STATION	OFFSET	DESCRIPTION
53+42	LT	STONE
70+87	RT	BRICK
71+39	LT	BRICK
71+68	LT	WOOD
71+81	RT	STONE
73+22	RT	BRICK
77+54	LT	BRICK
78+44	LT	STONE
80+98	LT	PLASTIC LUMBER
82+45	LT	WOOD
84+09	LT	STONE
84+88	LT	STONE
85+32	LT	STONE
86+63	LT	BRICK
88+53	RT	WOOD
96+73	LT	BRICK
97+53	LT	BRICK
102+29	LT	STONE
113+50	LT	BRICK
116+98	LT	BRICK
119+65	RT	BRICK
120+34	RT	BRICK
121+40	RT	BRICK

CONSTRUCT THE FOLLOWING DRIVES AND ENTRANCES

STATION	OFFSET	DESCRIPTION	OPENING
10+09	LT	PAVED	18′
14+44	LT	GRAVEL	38′
17+35	LT	GRAVEL	15′
19+78	RT	GRAVEL	15′
25+60	RT	GRAVEL	15′
26+25	RT	GRAVEL	16′
33+32	RT	PAVED	12′
35+05	RT	GRAVEL	44′
35+90	RT	GRAVEL	44′
37+03	RT	GRAVEL	11′
37+78	LT	GRAVEL	11′
38+74	RT	GRAVEL	14′
38+84	LT	PAVED	14′
40+45	LT	PAVED	11′
40+70	RT	PAVED	9′
41+30	RT	STREET	21′
42+10	LT	PAVED	13′
42+24	RT	GRAVEL	10′
42+63	RT	GRAVEL	16′
44+05	RT	GRAVEL	11′
44+85	LT	STREET	21′
45+09	RT	PAVED STREET	16′
45+92	RT	PAVED	26′
46+05	LT	PAVED	36′
46+41	RT	PAVED	23′
46+80	RT	PAVED	18′
47+05	LT	PAVED	27′
48+18	LT	PAVED	39′
49+45	LT	PAVED	12′
50+99	RT	GRAVEL	10′
51+61	LT	PAVED	13′
51+85	RT	PAVED	40′
52+68	LT	PAVED	17′
53+34	RT	GRAVEL	10′
53+75	LT	PAVED	17′
54+31	LT	PAVED	10′
55+59	LT	PAVED	12′
55+68	RT	STREET	19′
56+35	RT	PAVED	43′
56+65	LT	GRAVEL	15′
57+94	LT	GRAVEL	14′
58+00	RT	PAVED	48′
59+13	RT	PAVED	32′
60+41	LT	PAVED	22′
60+44	RT	PAVED	15′
61+67	LT	PAVED	16′
62+15	LT	PAVED STREET	19′
63+69	LT	GRAVEL	17′
63+96	LT	PAVED STREET	14′
65+85	LT	PAVED	17′
67+50	RT	PAVED	92′
67+61	LT	GRAVEL	21′
68+47	LT	STREET	17′
68+72	RT	STREET	38′
69+35	RT	PAVED	16′
69+73	RT	PAVED	12′
69+86	LT	GRAVEL	20′
70+88	LT	STREET	21′
71+15	RT	GRAVEL	14′
71+91	LT	PAVED	18′
72+03	RT	PAVED	13′
72+64	RT	PAVED	17′
72+73	LT	GRAVEL	13′
72+95	RT	PAVED	10′
73+58	RT	PAVED	9′
73+71	LT	GRAVEL	12′
74+01	RT	PAVED	12′
75+34	LT	STREET	23′
76+63	RT	STREET	32′
77+82	LT	GRAVEL	7′
78+12	LT	GRAVEL	10′
80+06	LT	PAVED	21′
80+64	LT	CRUSHED STONE	13′
81+33	LT	PAVED	11′
81+98	LT	PAVED	14′
82+77	LT	PAVED	18′
83+52	LT	PAVED	10′
83+69	RT	STREET	37′

CONSTRUCT THE FOLLOWING DRIVES AND ENTRANCES (CONT.)

STATION	OFFSET	DESCRIPTION	OPENING
83+85	LT	PAVED	10′
84+04	RT	GRAVEL	12′
84+76	LT	PAVED	12′
85+72	RT	PAVED	24′
86+49	RT	PAVED	11′
87+32	LT	PAVED	12′
87+75	RT	STREET	45′
88+70	RT	PAVED	12′
88+87	LT	PAVED	45′
91+87	RT	STREET	49′
92+66	LT	STREET	44′
93+21	RT	COMMERCIAL	49′
93+38	LT	COMMERCIAL	23′
93+94	RT	COMMERCIAL	39′
94+37	LT	PAVED	9′
94+44	RT	GRAVEL	28′
94+96	LT	GRAVEL	16′
95+18	RT	STREET	17′
95+69	LT	PAVED	11′
96+20	RT	COMMERCIAL	41′
96+96	RT	STREET	19′
97+03	LT	PAVED	13′
97+22	LT	CONCRETE	10′
98+29	RT	PAVED	33′
99+13	LT	PAVED	15′
99+99	RT	PAVED	17′
100+05	RT	PAVED	17′
100+13	LT	PAVED	16′
101+05	LT	GRAVEL	12′
101+95	LT	GRAVEL	12′
102+03	RT	PAVED	21′
102+57	RT	PAVED	15′
103+45	RT	PAVED	13′
103+68	LT	GRAVEL	9′
103+86	RT	GRAVEL	23′
104+36	LT	PAVED	11′
104+76	RT	GRAVEL	21′
104+97	LT	PAVED	13′
105+19	RT	PAVED	23′
106+39	LT	CRUSHED STONE	13′
106+87	RT	STREET	20′
106+89	LT	STREET	33′
108+73	LT	GRAVEL	8′
109+06	LT	PAVED	14′
110+28	LT	PAVED	9′
111+18	LT	STREET	26′
111+79	RT	STREET	24′
112+49	RT	GRAVEL	11′
112+69	LT	GRAVEL	13′
113+28	RT	PAVED	11′
114+31	LT	STREET	22′
114+75	RT	PAVED	12′
115+08	LT	PAVED	12′
115+13	RT	PAVED	10′
115+57	LT	PAVED	12′
116+70	LT	GRAVEL	9′
117+27	RT	STREET	23′
117+35	LT	PAVED	10′
118+56	RT	GRAVEL	25′
118+63	LT	GRAVEL	11′
118+95	LT	PAVED	11′
119+30	RT	GRAVEL	18′
119+67	LT	PAVED	12′
120+07	LT	PAVED	14′
120+21	RT	GRAVEL	15′
121+05	RT	GRAVEL	17′
122+97	RT	PAVED	16′
123+38	LT	STREET	18′
124+61	RT	STREET	26′
125+49	LT	STREET	25′
201+31	RT	PAVED	40′

NOTE:
1. ALL DRIVES TO BE CONSIDERED RESIDENTIAL UNLESS OTHERWISE NOTED.

2. ALL STREETS TO BE CONSIDERED PAVED UNLESS OTHERWISE NOTED.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	P.ARMATA		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CONSTRUCTION NOTES

SHEET NUMBER

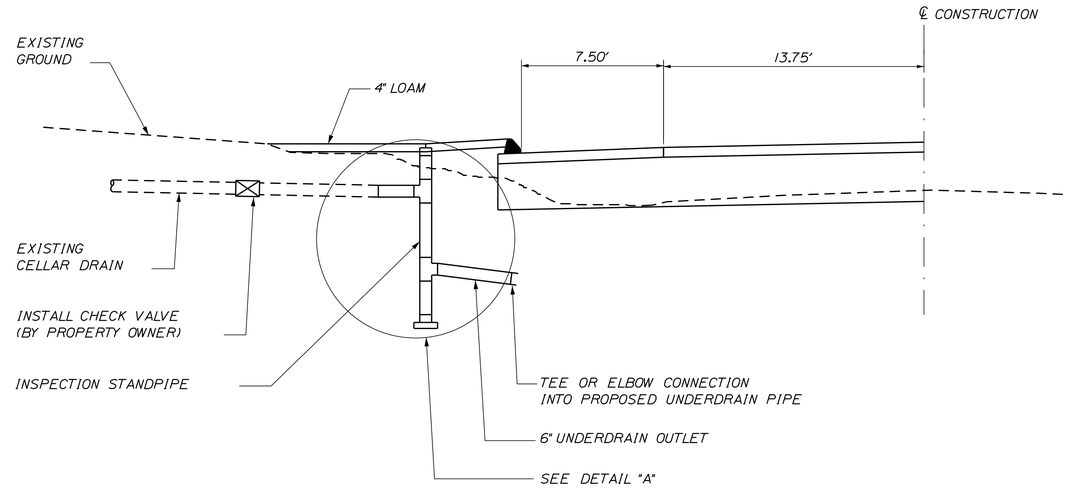
14

OF 187

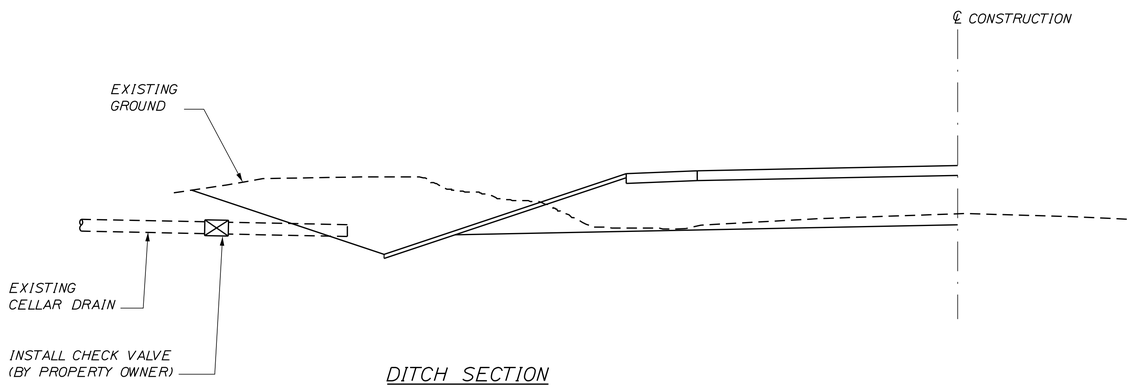
Filename: ...\MSTA\014_Notes_Const.dgn Division: HIGHWAY Username: common Date:10/28/2015

UNDERDRAIN SECTION NOTES:

1. PAYMENT FOR CONNECTION FROM THE INSPECTION STANDPIPE TO THE PROPOSED UNDERDRAIN SYSTEM SHALL BE UNDER ITEM NO. 605.10, 6" UNDERDRAIN OUTLET OR AS DIRECTED BY THE RESIDENT.
2. INSPECTION STANDPIPE SHALL HAVE A SOLID COVER AND BE INSTALLED WITHIN THE STATE'S RIGHT-OF-WAY.
3. A CHECK VALVE TO PREVENT BACK FLOW TO PROPERTY MAY BE INSTALLED. CHECK VALVE SHOULD BE INSTALLED AT THE UPSTREAM SIDE OF THE INSPECTION STANDPIPE AND OUTSIDE OF THE STATE'S RIGHT-OF-WAY. INSTALLATION OF THE CHECK VALVE SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
4. PAYMENT FOR THE CONNECTION OF THE EXISTING CELLAR DRAIN TO THE INSPECTION STANDPIPE SHALL BE INCIDENTAL TO ITEM NO. 801.141 OR 801.16. PAYMENT FOR CONNECTION FROM EXISTING CELLAR DRAIN TO THE DRAINAGE DITCH SHALL BE UNDER ITEM NO. 605.10, 6" UNDERDRAIN OUTLET OR AS DIRECTED BY THE RESIDENT.
5. THE STATION LOCATIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, AS DIRECTED BY THE RESIDENT.
6. A 3 FOOT LENGTH OF #4 REBAR SHALL BE PLACED ADJACENT TO STANDPIPE AND FLUSH WITH CAP. INSTALLATION OF THE REBAR, CAP AND CONCRETE FOOTING SHALL BE INCIDENTAL TO ITEM NO. 801.16.



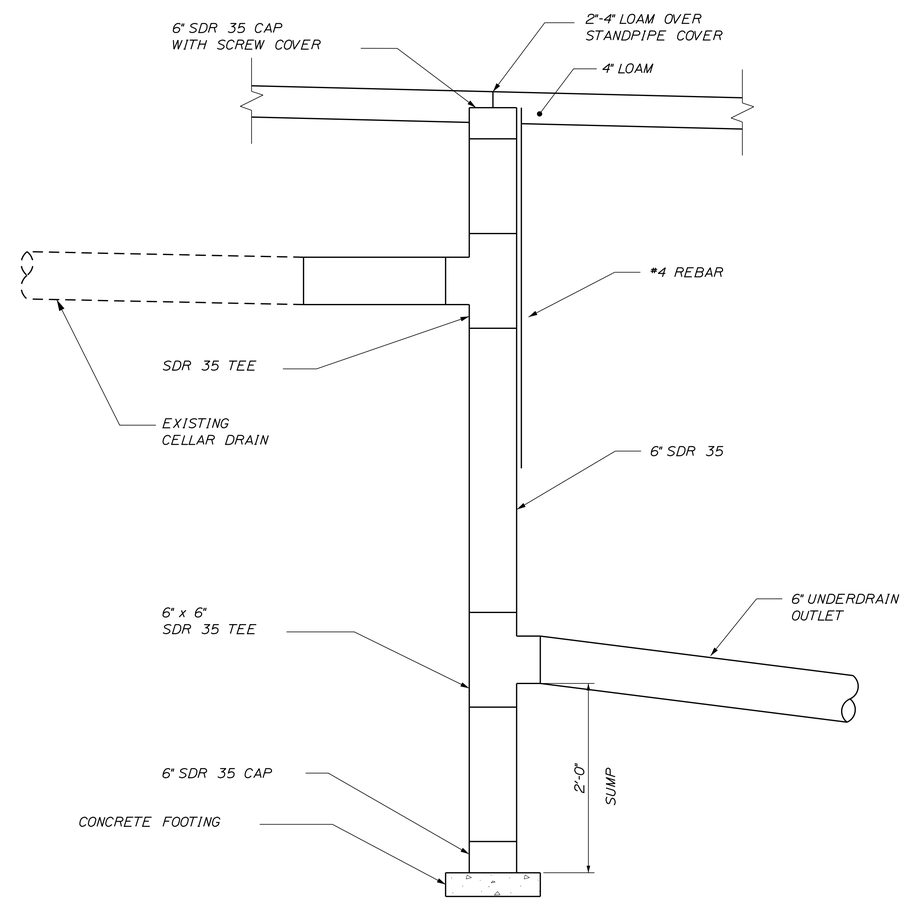
UNDERDRAIN SECTION



DITCH SECTION

DITCH SECTION NOTES:

1. A CHECK VALVE TO PREVENT BACK FLOW TO PROPERTY MAY BE INSTALLED. CHECK VALVE SHOULD BE INSTALLED OUTSIDE OF THE STATE'S RIGHT OF WAY. INSTALLATION OF OPTIONAL CHECK VALVE SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
2. PAYMENT FOR THE CONNECTION FROM THE EXISTING CELLAR DRAIN TO DRAINAGE DITCH SHALL BE 6" UNDERDRAIN OUTLET PIPE. ITEM NO. 605.10 OR AS DIRECTED BY THE RESIDENT.
3. THE STATION LOCATIONS MAY BE CHANGED TO FIT FIELD CONDITIONS, AS DIRECTED BY THE RESIDENT.
4. INVERTS AND SLOPES OF PIPES SHALL BE INSTALLED AS DIRECTED BY THE RESIDENT IN THE FIELD.



DETAIL "A"
INSPECTION STANDPIPE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

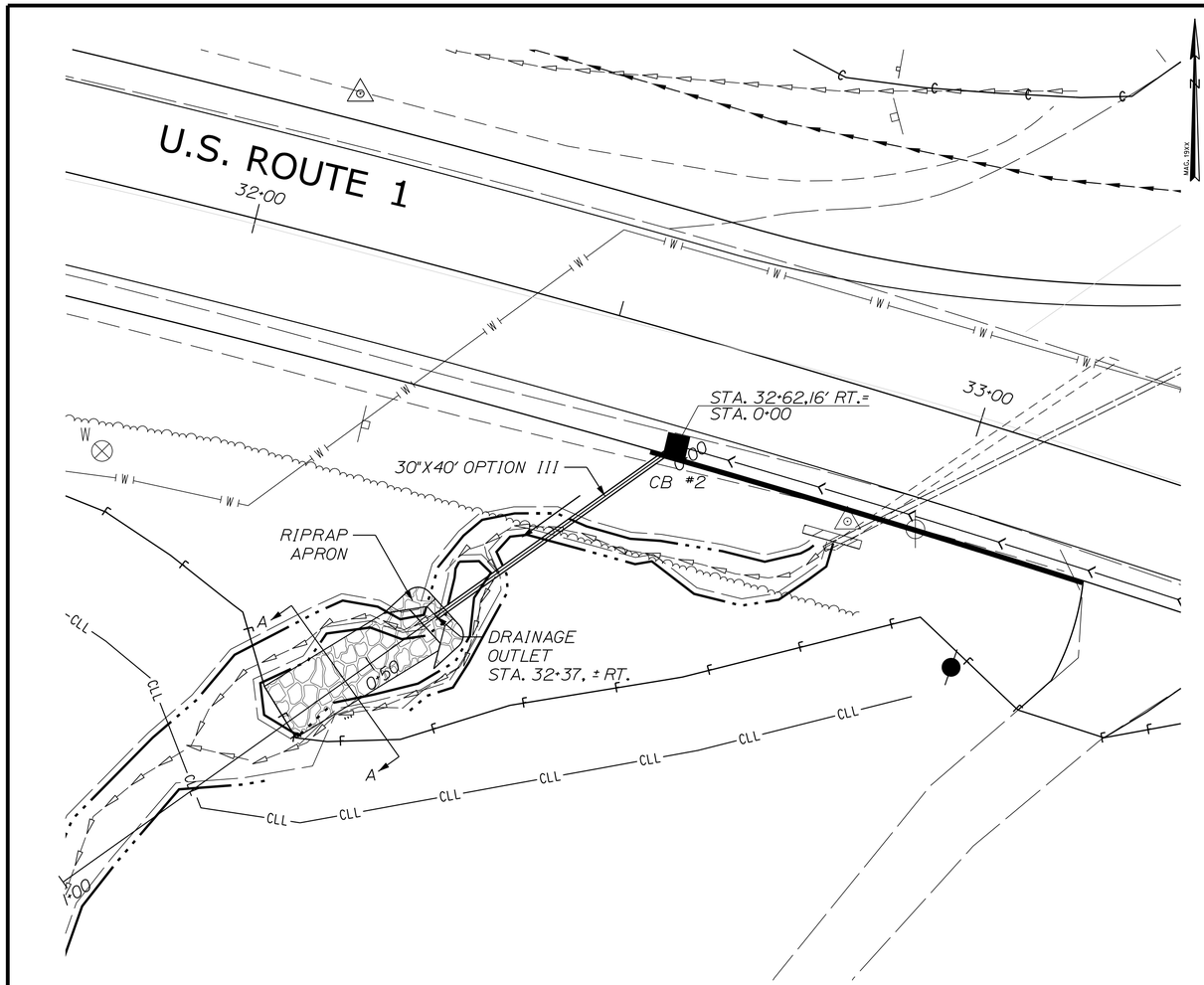
CELLAR DRAIN DETAIL

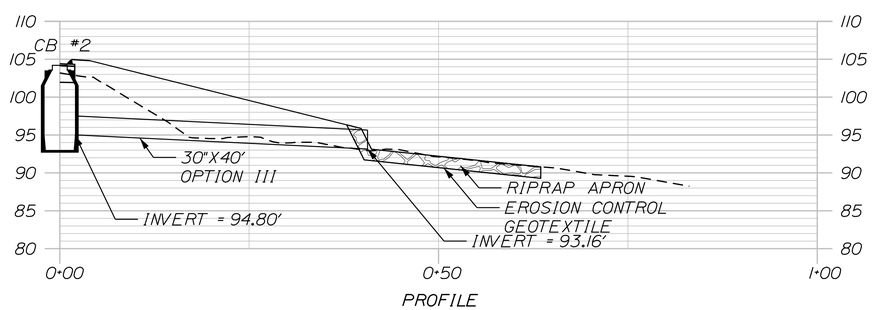
SHEET NUMBER

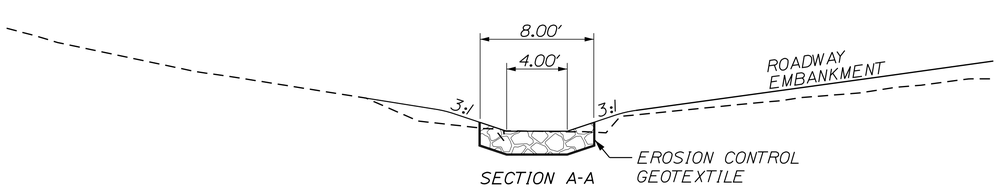
15

OF 187

Filename: ...\HIGHWAY\MSTA\015_Typical.dgn Division: HIGHWAY Username: common Date:10/28/2015

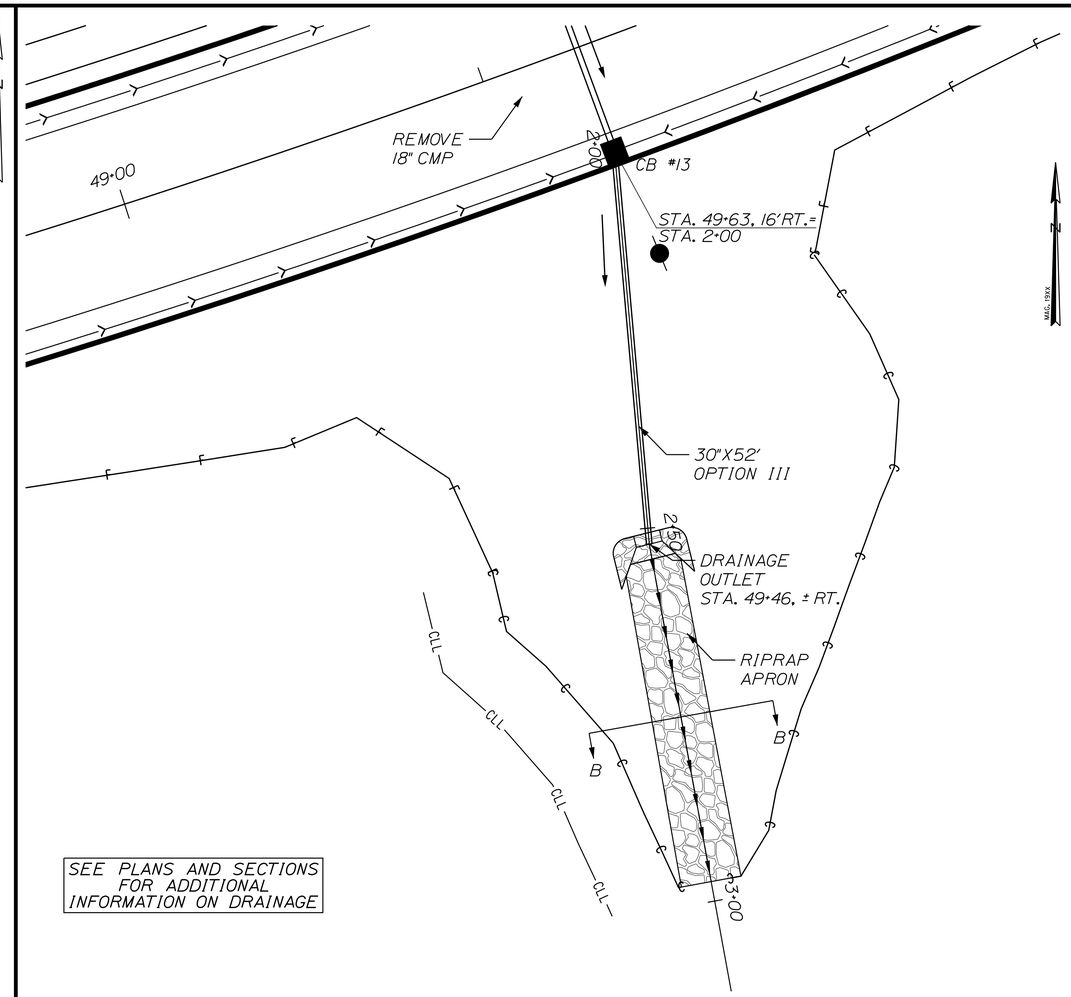


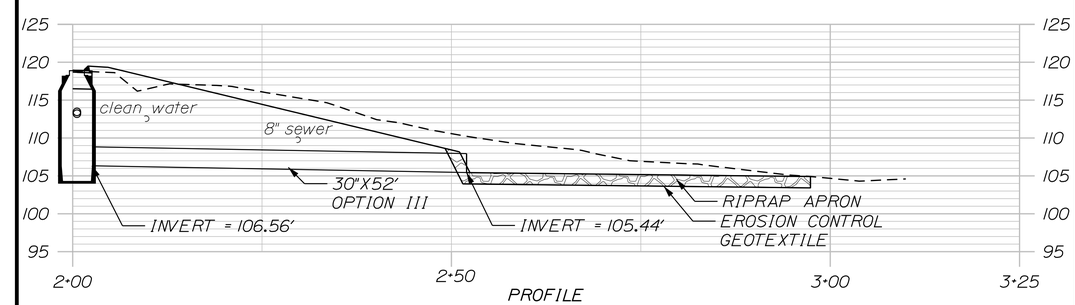


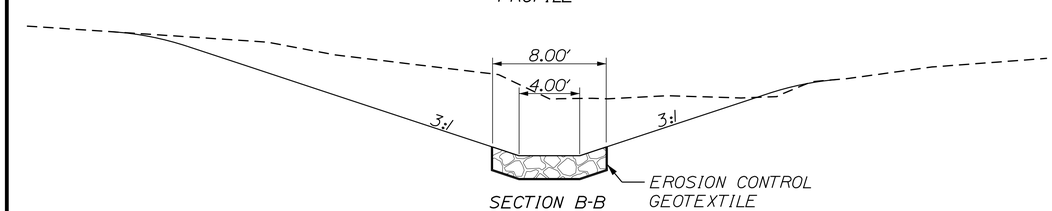


STA. 32+37, RT.
DRAINAGE OUTLET

SCALE @ FULL SIZE
1" = 10' H&V







STA. 49+46, RT.
DRAINAGE OUTLET

SCALE @ FULL SIZE
1" = 10' H&V

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

PIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\11\15
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

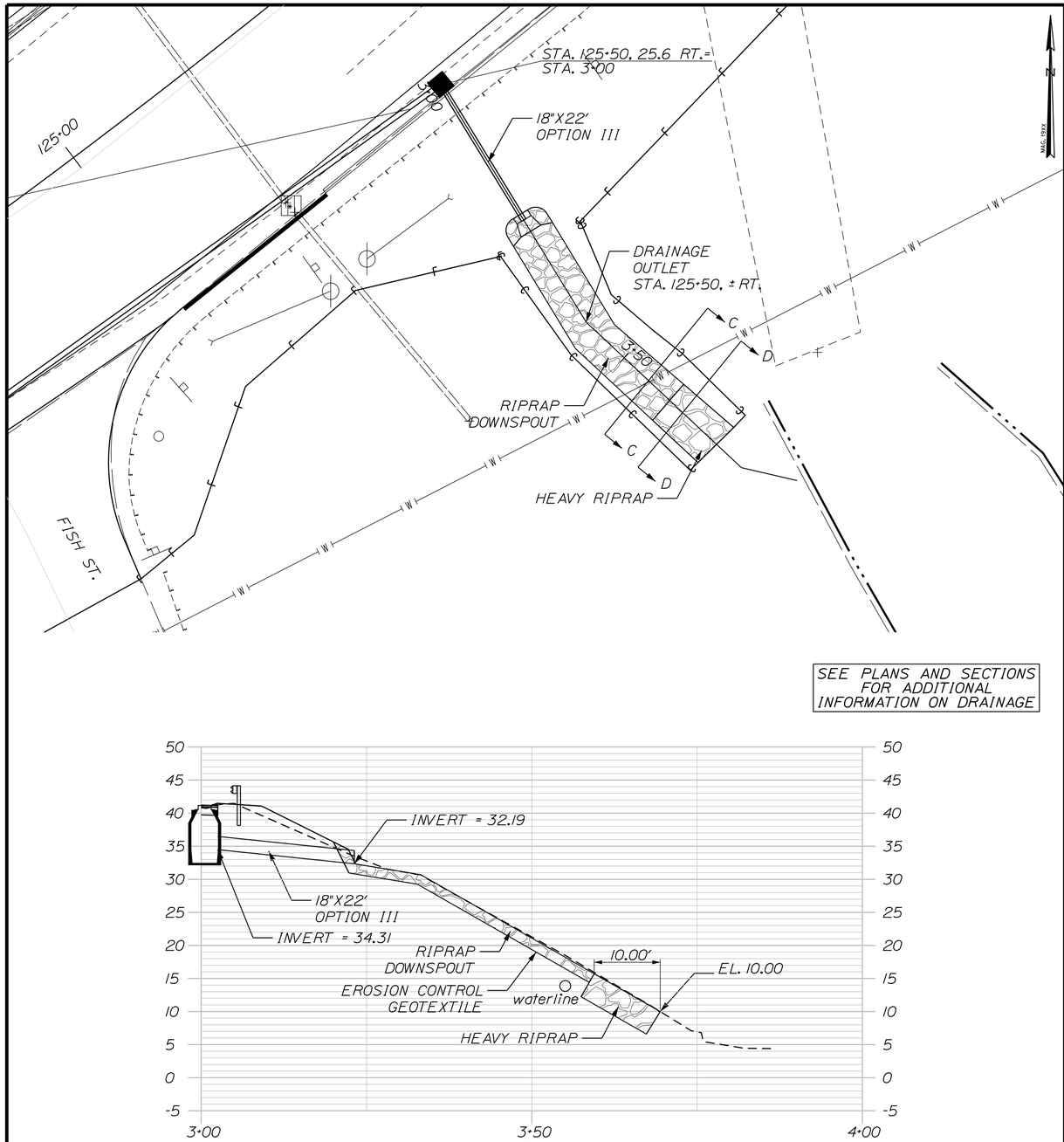
OUTLET DETAILS 1

SHEET NUMBER

16

OF 187

Filename: ...\MSTA\016_Outlet Details.dgn Division: HIGHWAY Username: common Date:10/28/2015

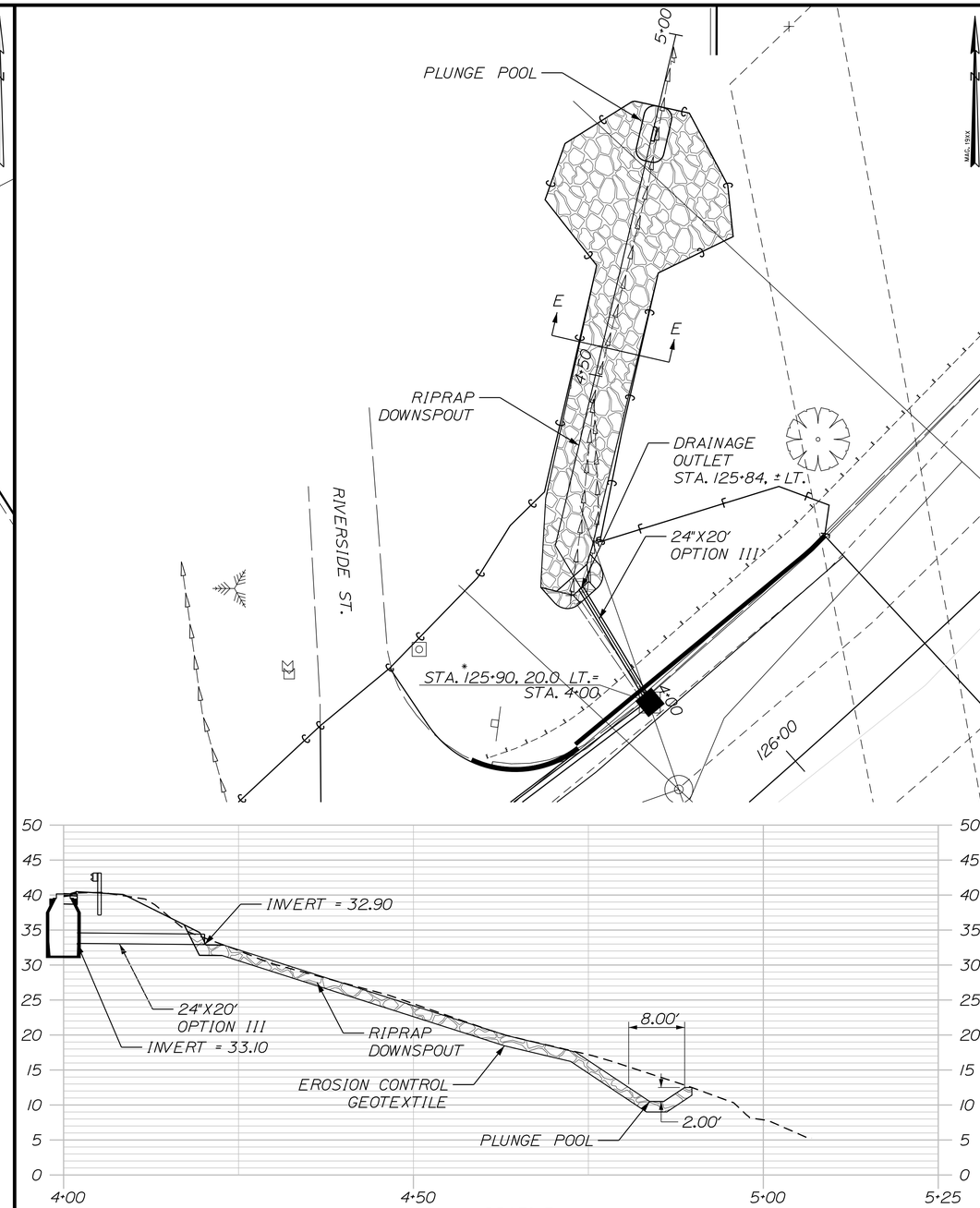


SEE PLANS AND SECTIONS FOR ADDITIONAL INFORMATION ON DRAINAGE

NOTE:
LAST 10' OF DOWNSPOUT SHALL BE HEAVY RIPRAP. PLACEMENT SHALL BE AS DIRECTED BY THE RESIDENT.

STA. 125+50, RT. DRAINAGE OUTLET

SCALE @ FULL SIZE
1" = 10' H&V



NOTE:
LOCATION OF RIPRAP DOWNSPOUT AND PLUNGE POOL TO BE LAID OUT IN THE FIELD AS DIRECTED BY THE RESIDENT.

STA. 125+90, LT. DRAINAGE OUTLET

SCALE @ FULL SIZE
1" = 10' H&V

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

PIN
17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANTY	10\11\15
DESIGN2-DETAILED2	I.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

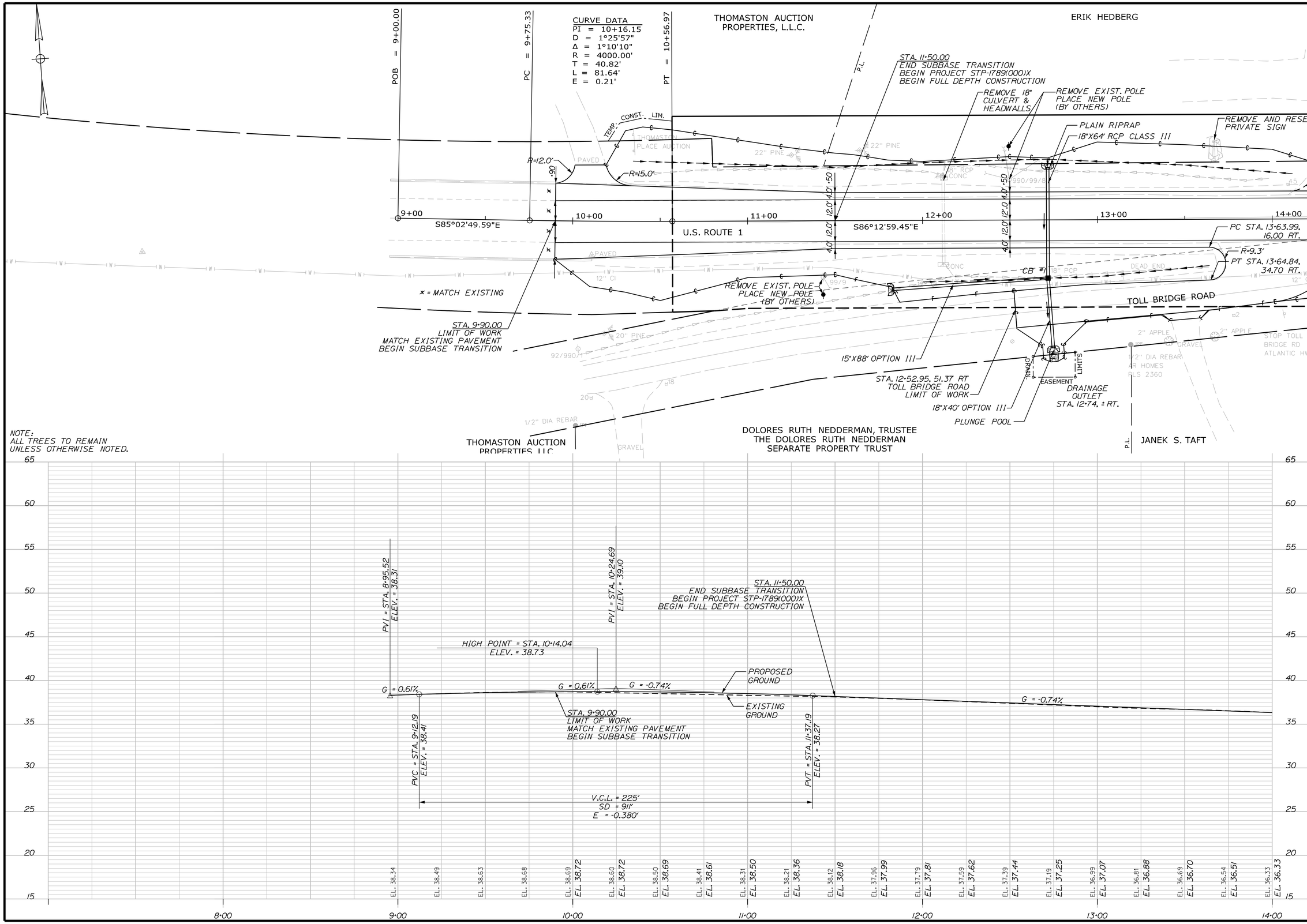
DATE

THOMASTON
U.S. ROUTE 1

OUTLET DETAILS 2

SHEET NUMBER
17
OF 187

Filename: ...\MSTA\017_Outlet Details2.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

BRIDGE NO.

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

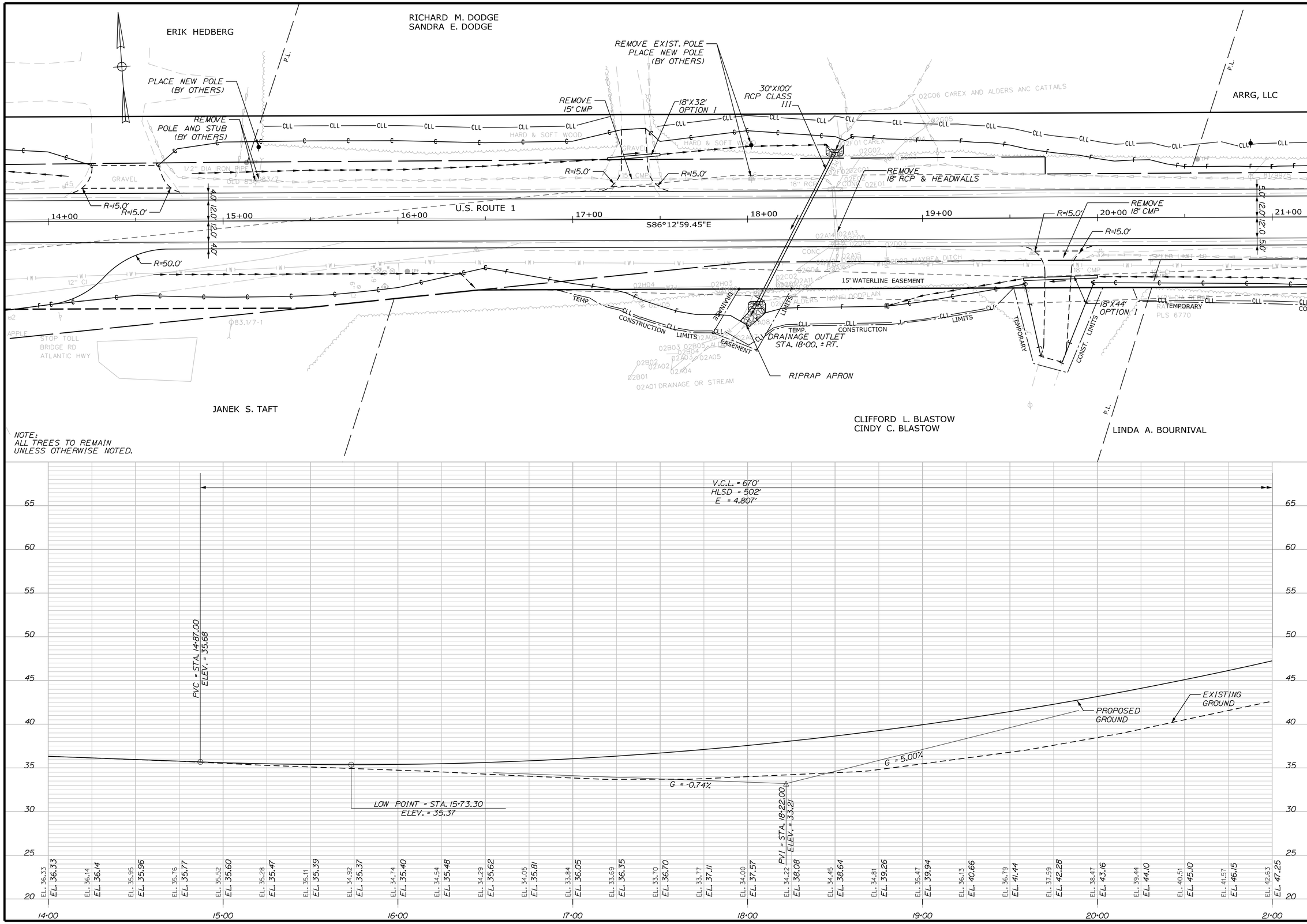
SHEET NUMBER

18

OF 187

STA. 9+00 TO STA. 14+00

Filename: ...\HIGHWAY\MSTA\018_Plan-Pro1.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

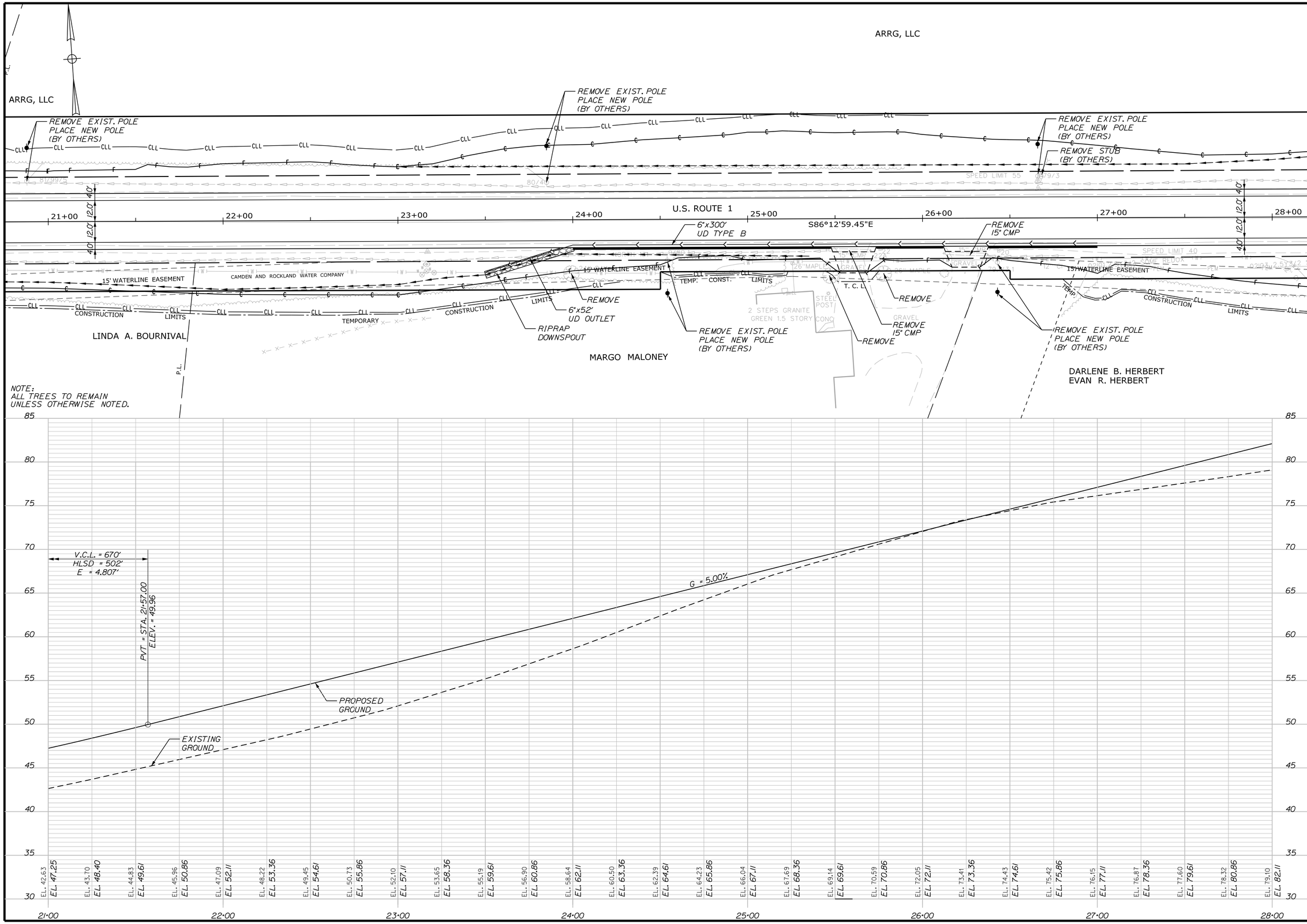
SHEET NUMBER

19

OF 187

STA. 14+00 TO STA. 21+00

Filename: ...\HIGHWAY\MSTA\019_Plan-Pro2.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

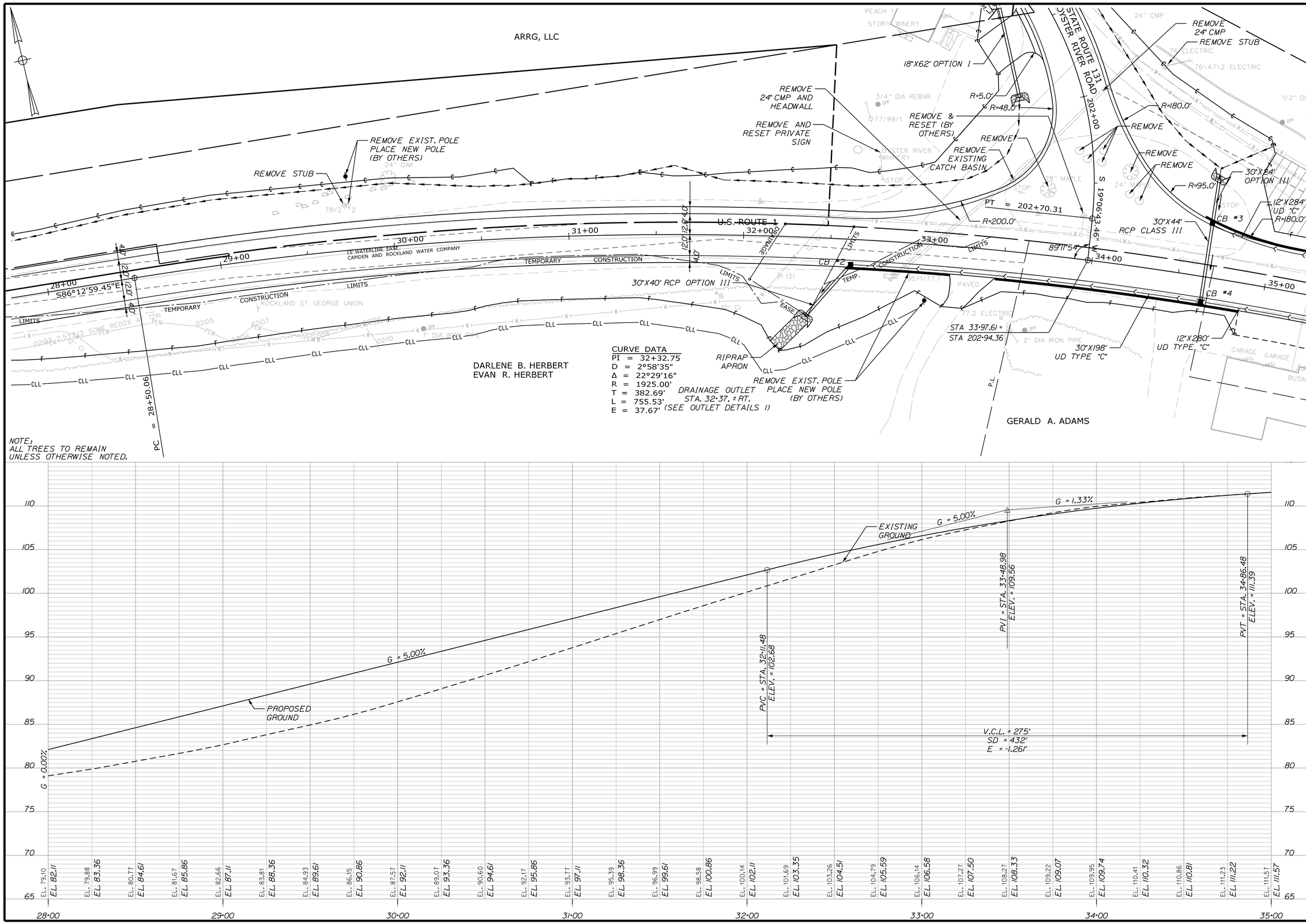
SHEET NUMBER

20

OF 187

STA. 21+00 TO STA. 28+00

Filename: ...\HIGHWAY\MSTA\020_Plan-Pro3.dgn Division: HIGHWAY Username: common Date:10/28/2015



CURVE DATA
PI = 32+32.75
D = 2°58'35"
Δ = 22°29'16"
R = 1925.00'
T = 382.69'
L = 755.53'
E = 37.67'

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	10\1\15
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	L.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

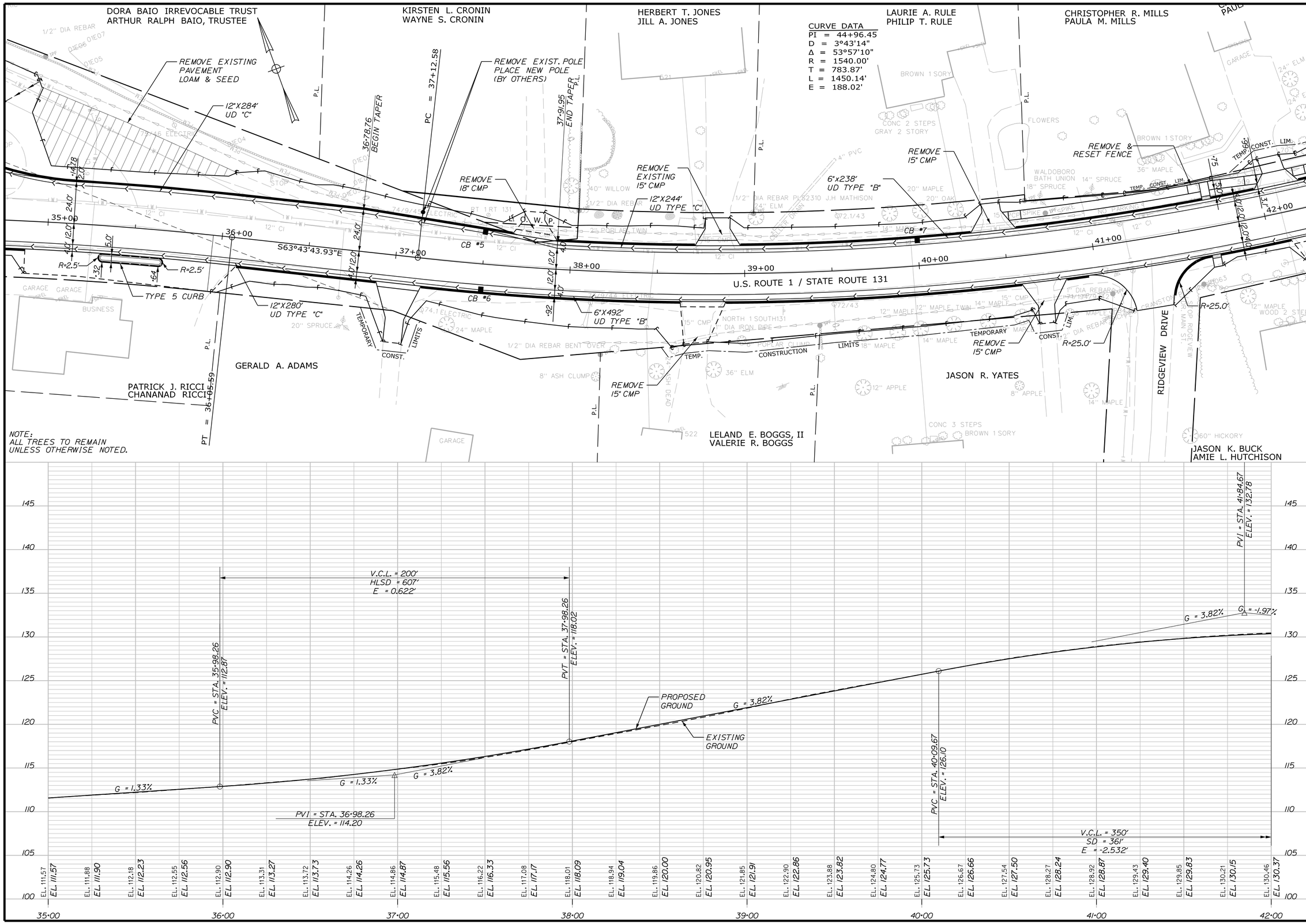
THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER
21
OF 187

STA. 28+00 TO STA. 35+00

Filename: ...\HIGHWAY\MSTA\021_Plan-Pro4.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER	BY	DATE
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

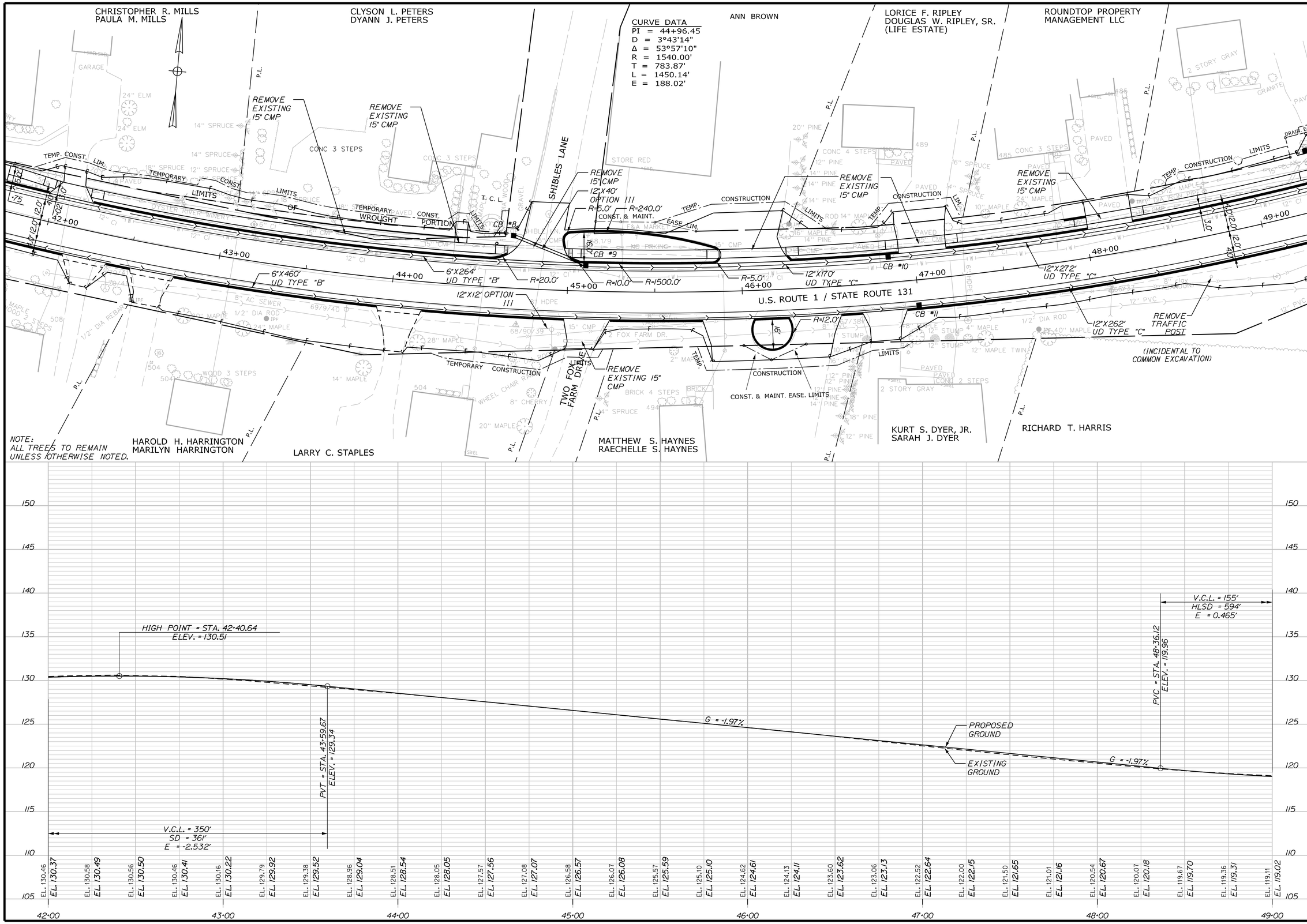
THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER
22
OF 187

STA. 35+00 TO STA. 42+00

Filename: ...\HIGHWAY\MSTA\022_Plan-Pro5.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

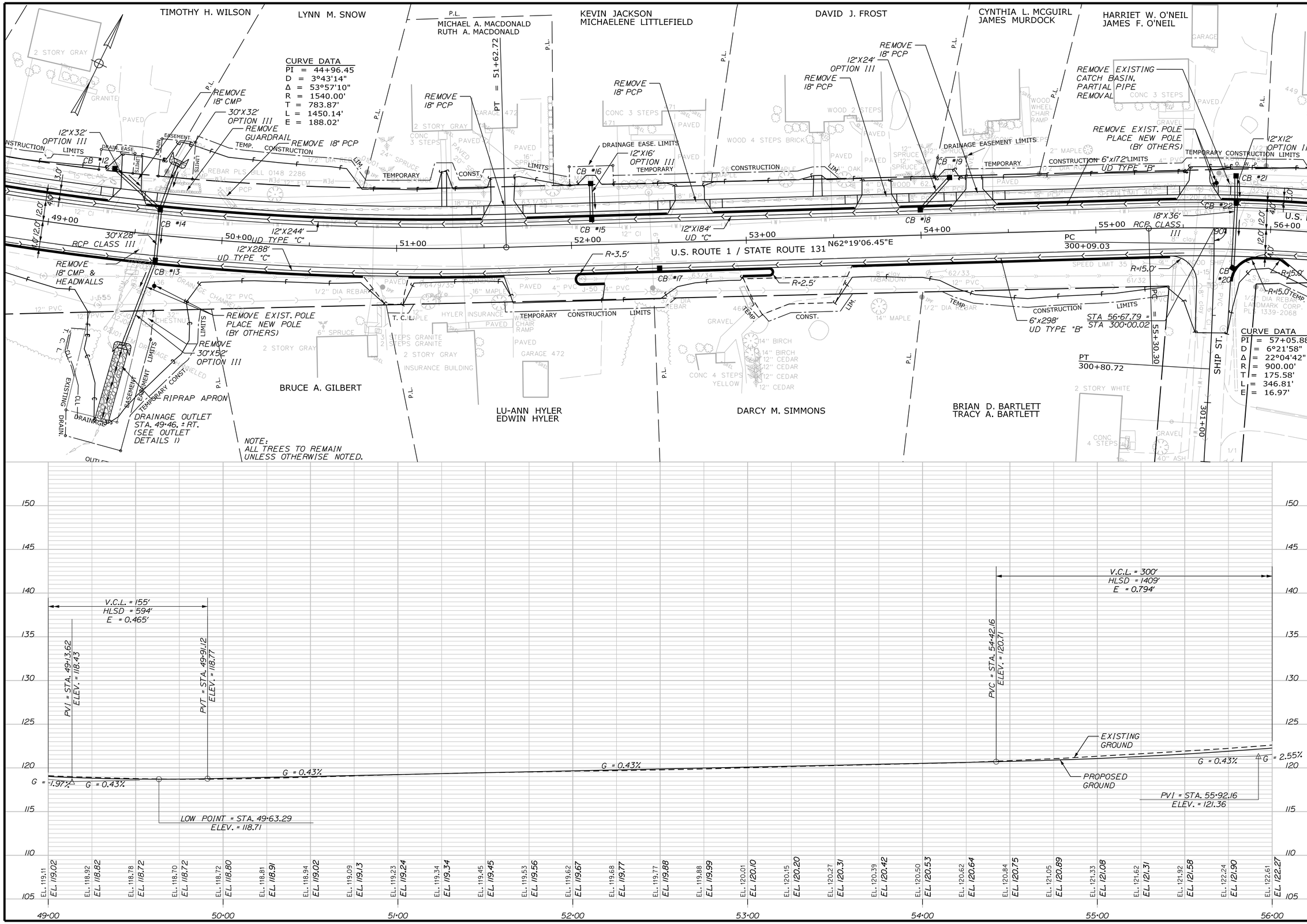
THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER
23
OF 187

STA. 42+00 TO STA. 49+00

Filename: ...\HIGHWAY\MSTA\023_Plan-Pro6.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

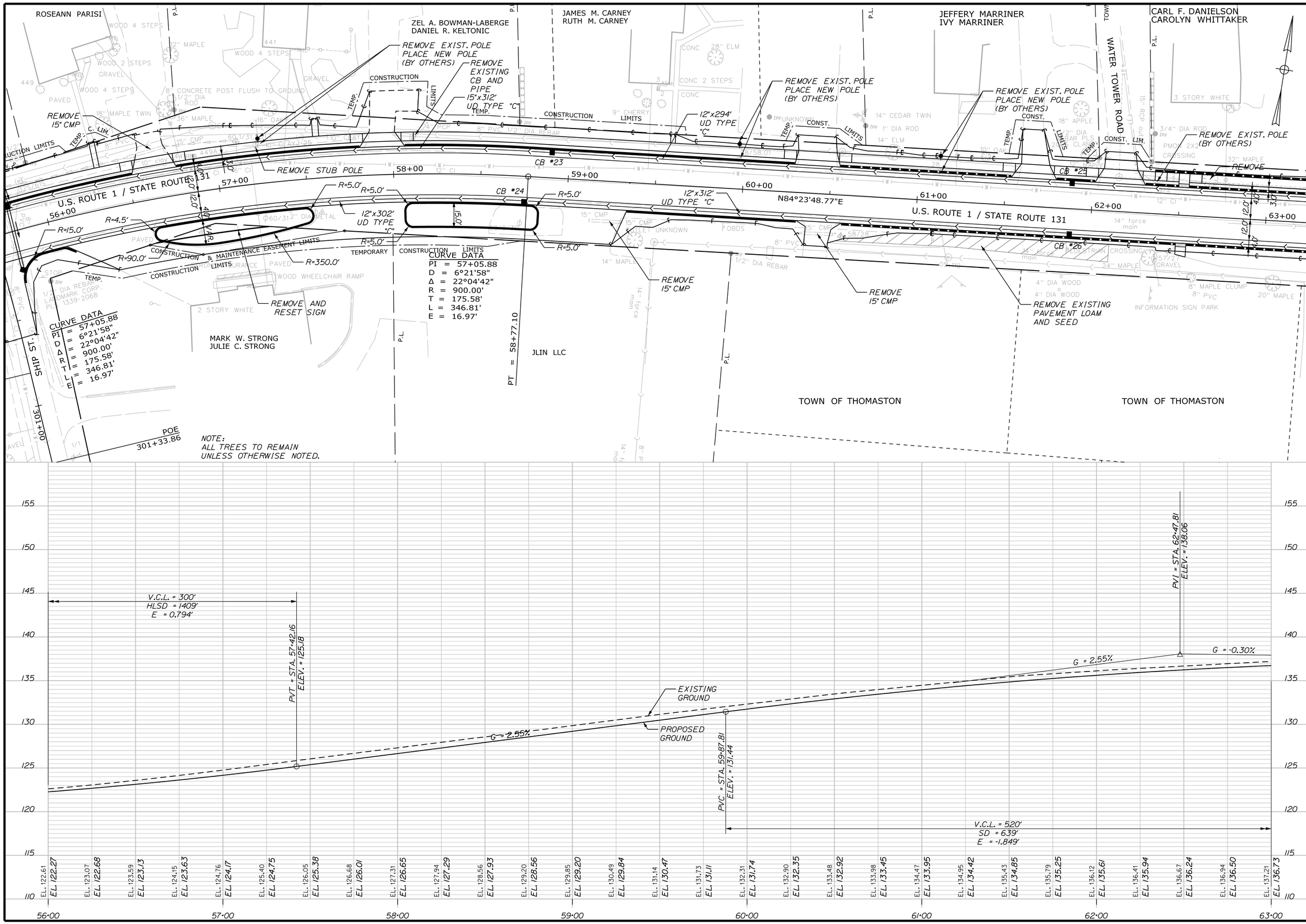
THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER
24
OF 187

STA. 49+00 TO STA. 56+00

Filename: ...\HIGHWAY\MSTA\024_Plan-Pro7.dgn Division: HIGHWAY Username: common Date:10/28/2015



STA. 56+00 TO STA. 63+00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

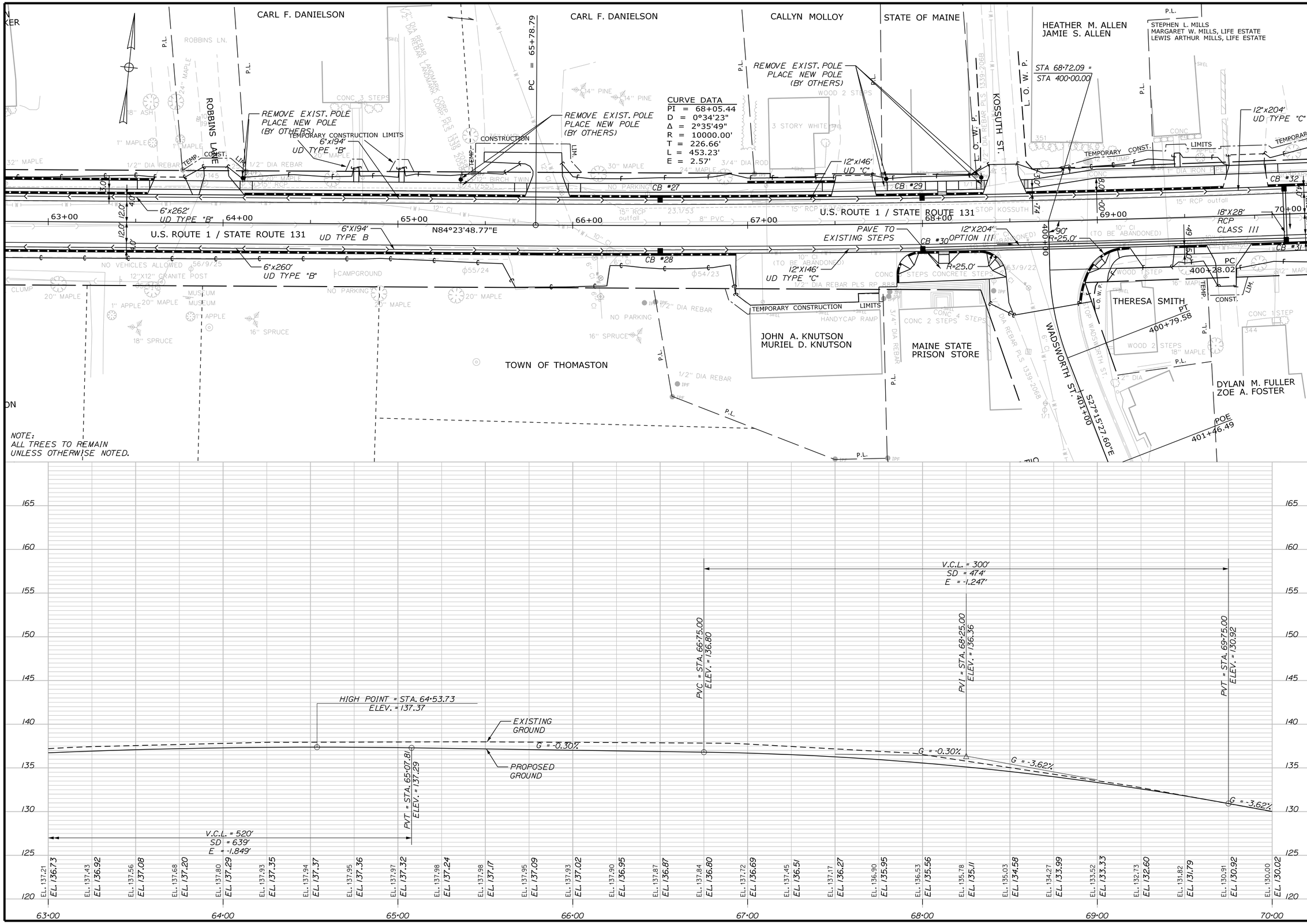
PLAN / PROFILE

SHEET NUMBER

25

OF 187

Filename: ...\HIGHWAY\MSTA\025_Plan-Pro8.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

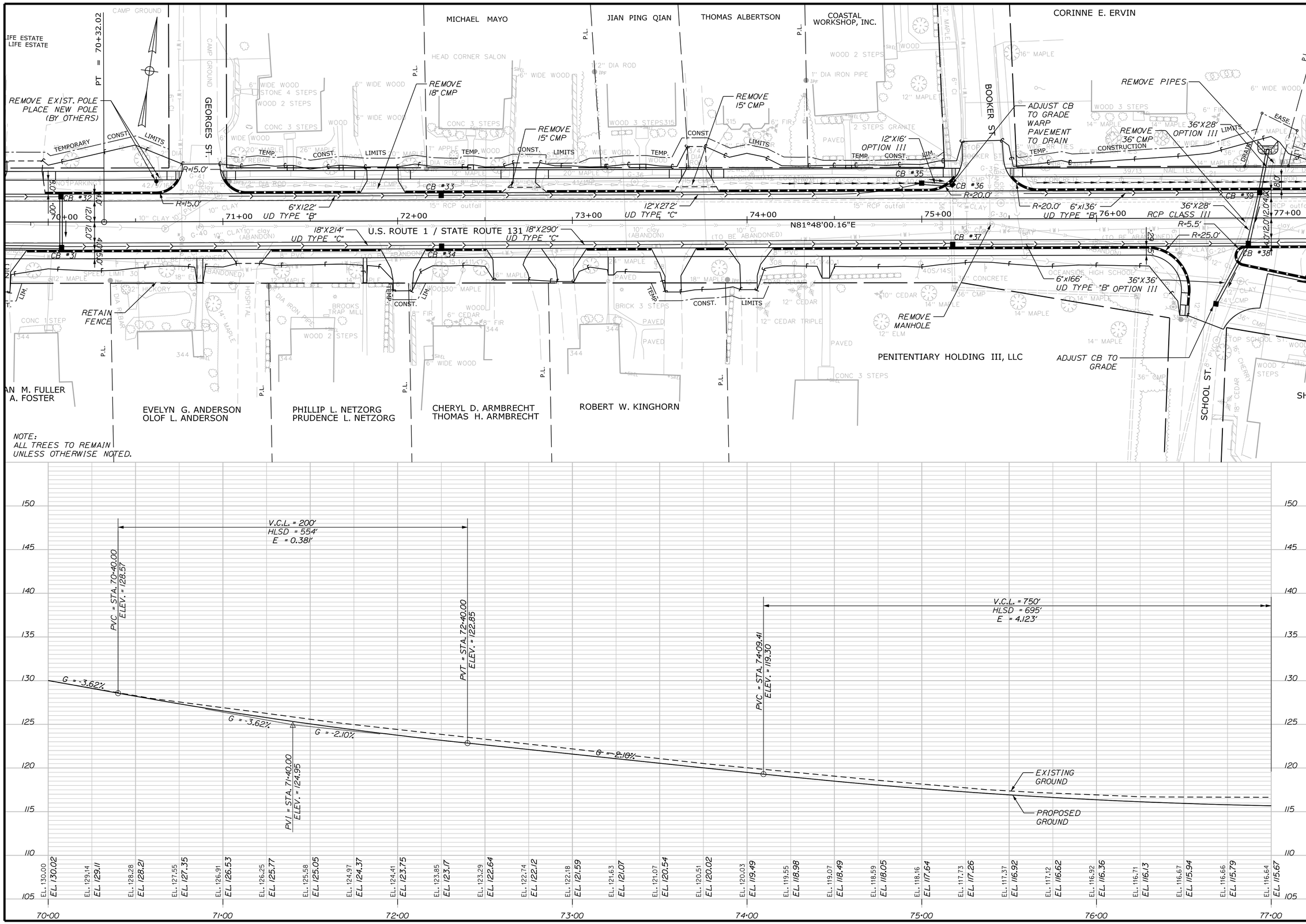
SHEET NUMBER

26

OF 187

STA. 63+00 TO STA. 70+00

Date:10/28/2015 Username: common Division: HIGHWAY Filename: ...\HIGHWAY\MSTA\026_Plan-Pro9.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

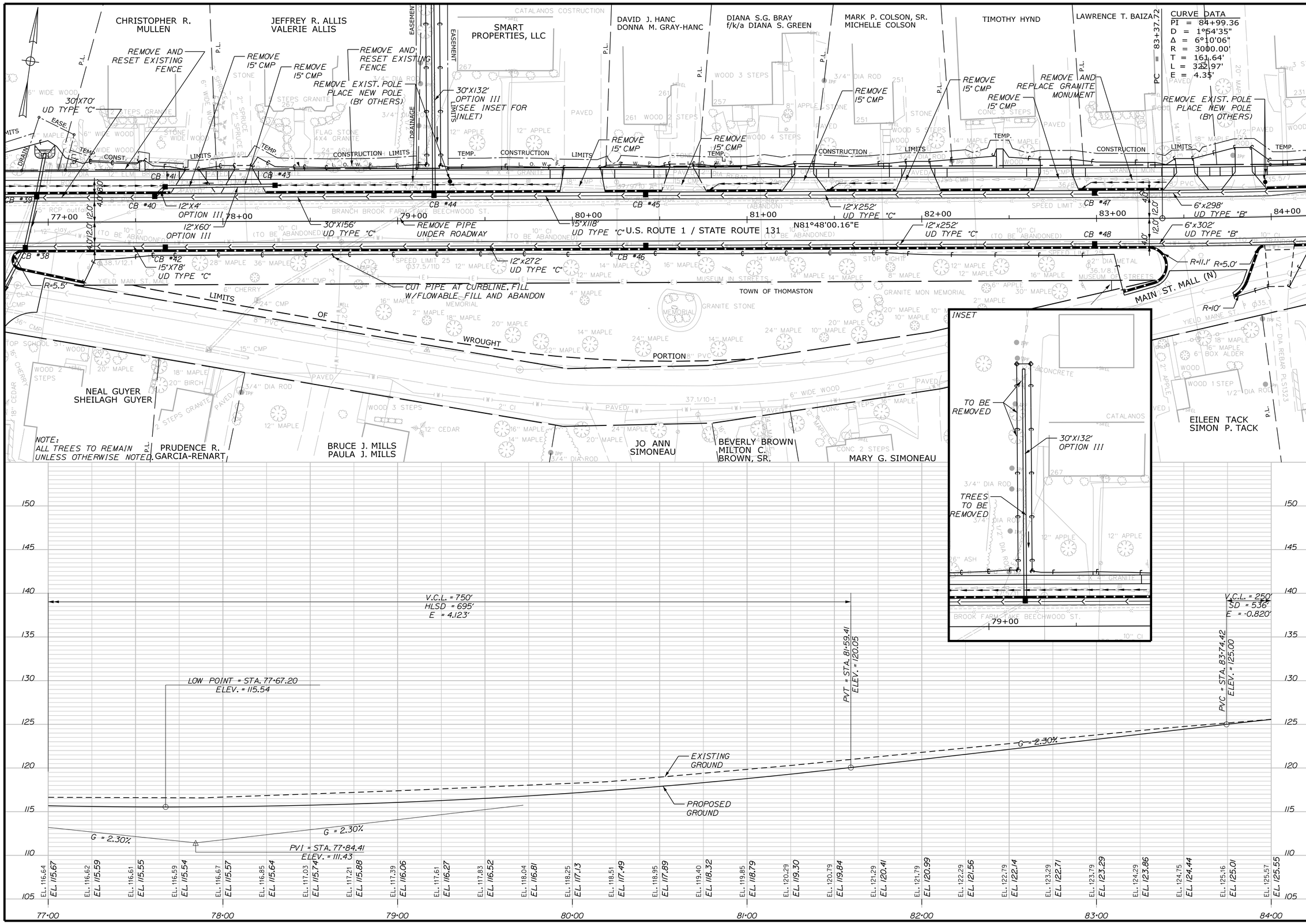
SHEET NUMBER

27

OF 187

STA. 70+00 TO STA. 77+00

Date:10/28/2015 Username: common Division: HIGHWAY Filename: ...\MSTA\027_Plan-Pro10.dgn



STA. 77+00 TO STA. 84+00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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FIELD CHANGES			

SIGNATURE

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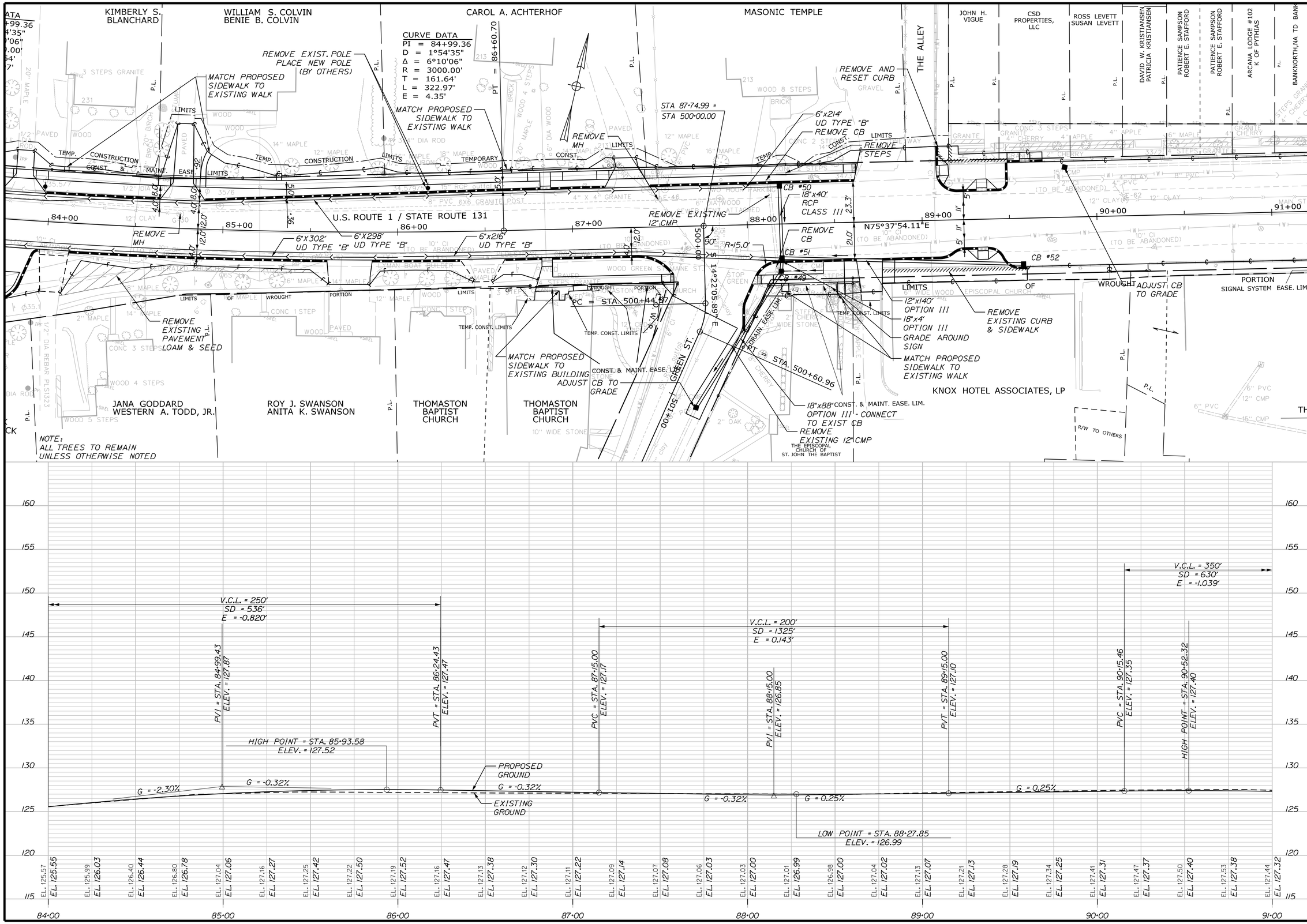
THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER
28
OF 187

Filename: ...\MSTA\028_Plan-Pro11.dgn
Division: HIGHWAY
Username: common
Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
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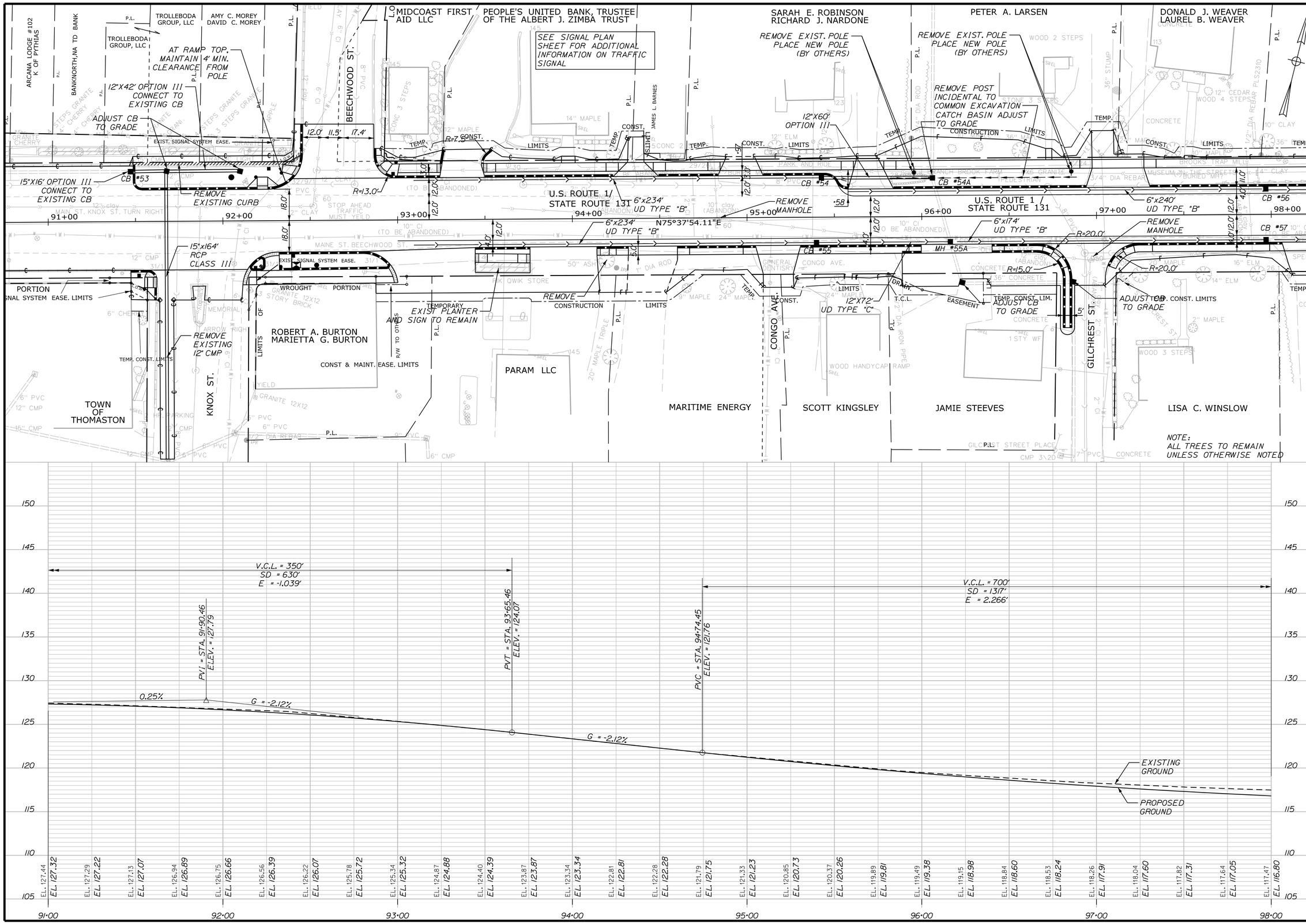
THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER
29
OF 187

STA. 84+00 TO STA. 91+00

Filename: ...\MSTA\029_Plan-Pro12.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
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REVISIONS 2			
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REVISIONS 4			
FIELD CHANGES			

	BY	DATE
		10\1\15

SIGNATURE

P.E. NUMBER

DATE

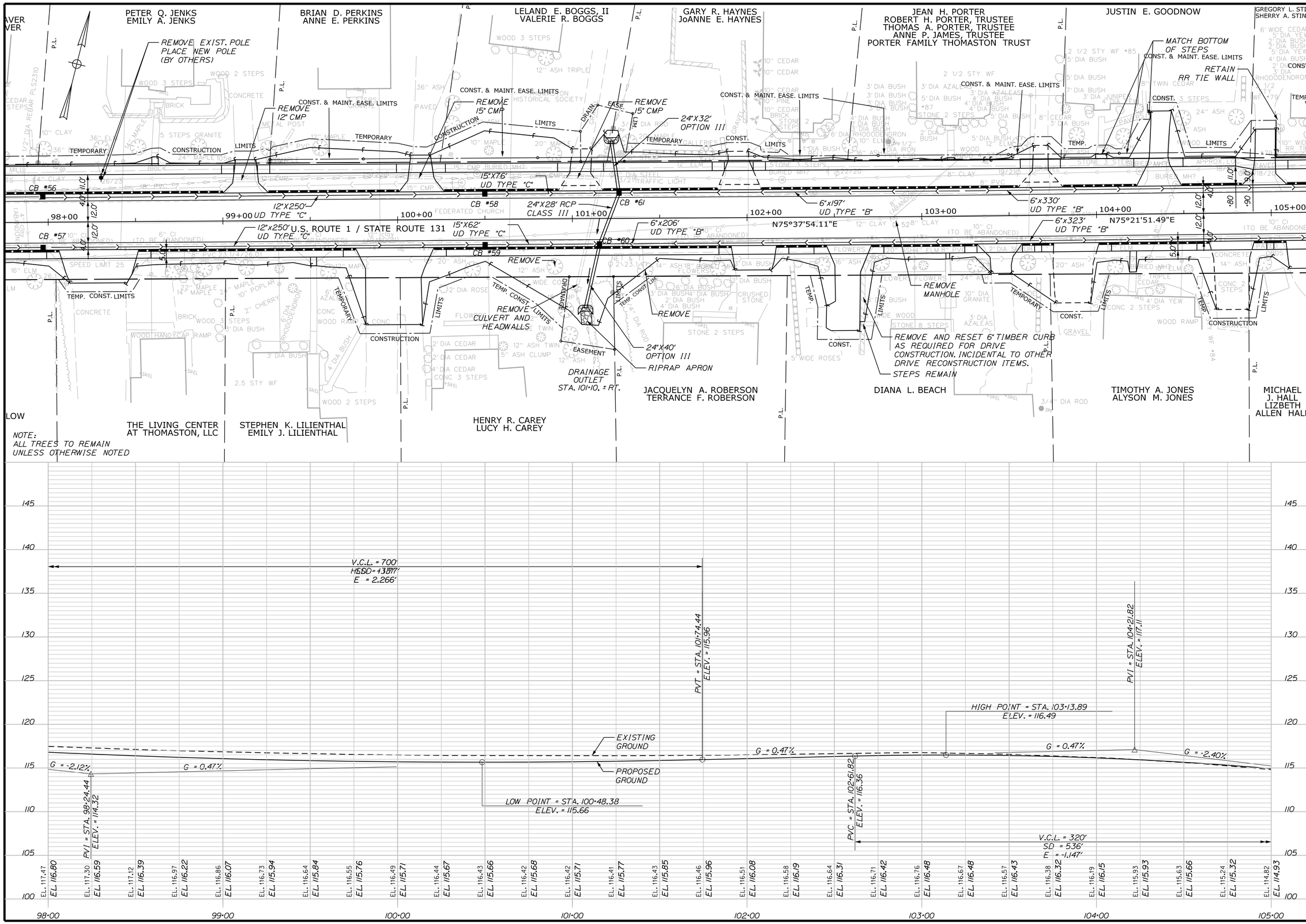
THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER
30
OF 187

STA. 91+00 TO STA. 98+00

Date:10/28/2015 Username: common Division: HIGHWAY Filename: ...\MSTA\030_Plan-Prof3.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
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THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER

31

OF 187

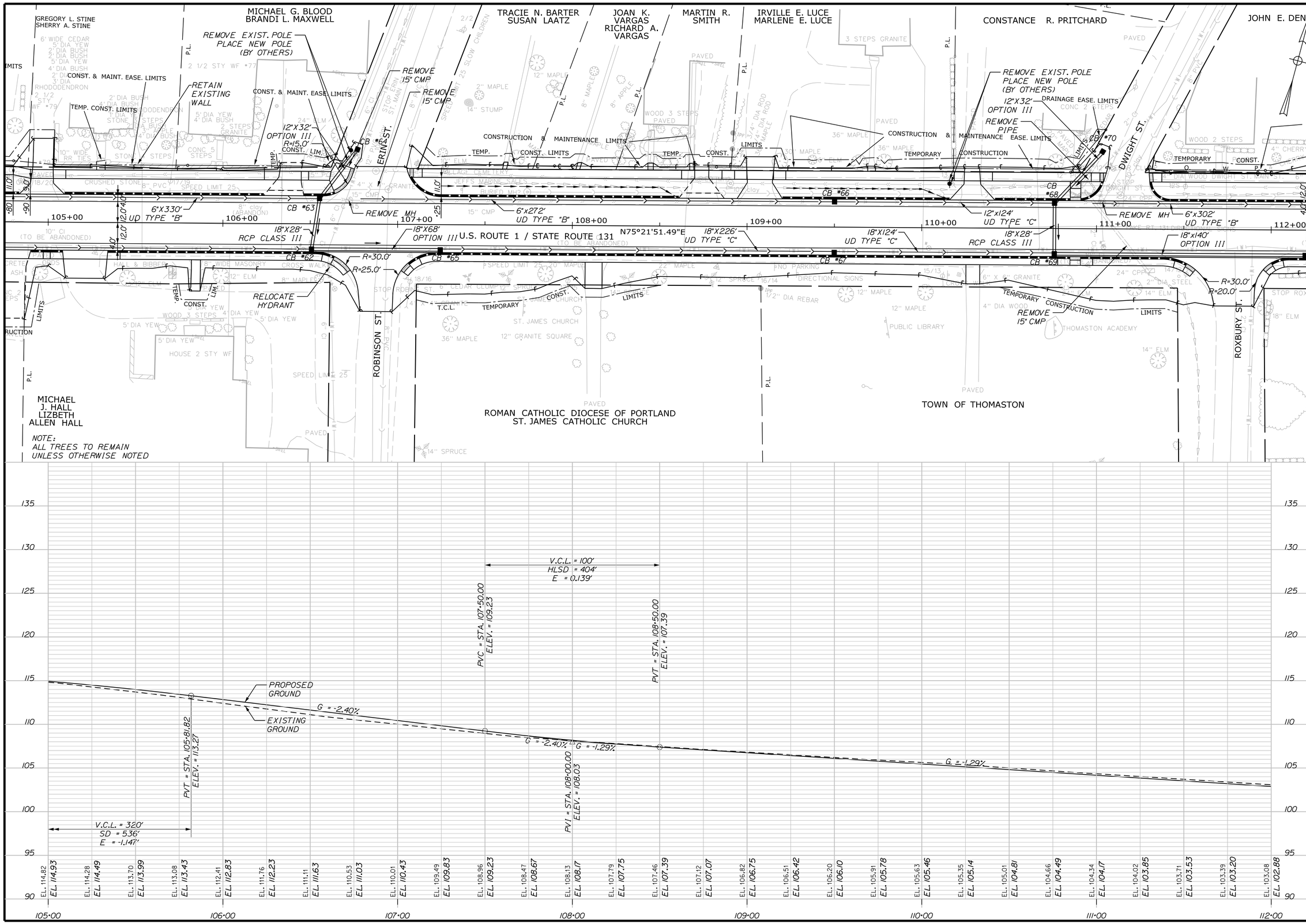
STA. 98+00 TO STA. 105+00

Date:10/28/2015

Username: common

Division: HIGHWAY

Filename: ...\MSTA\031_Plan-Pro14.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
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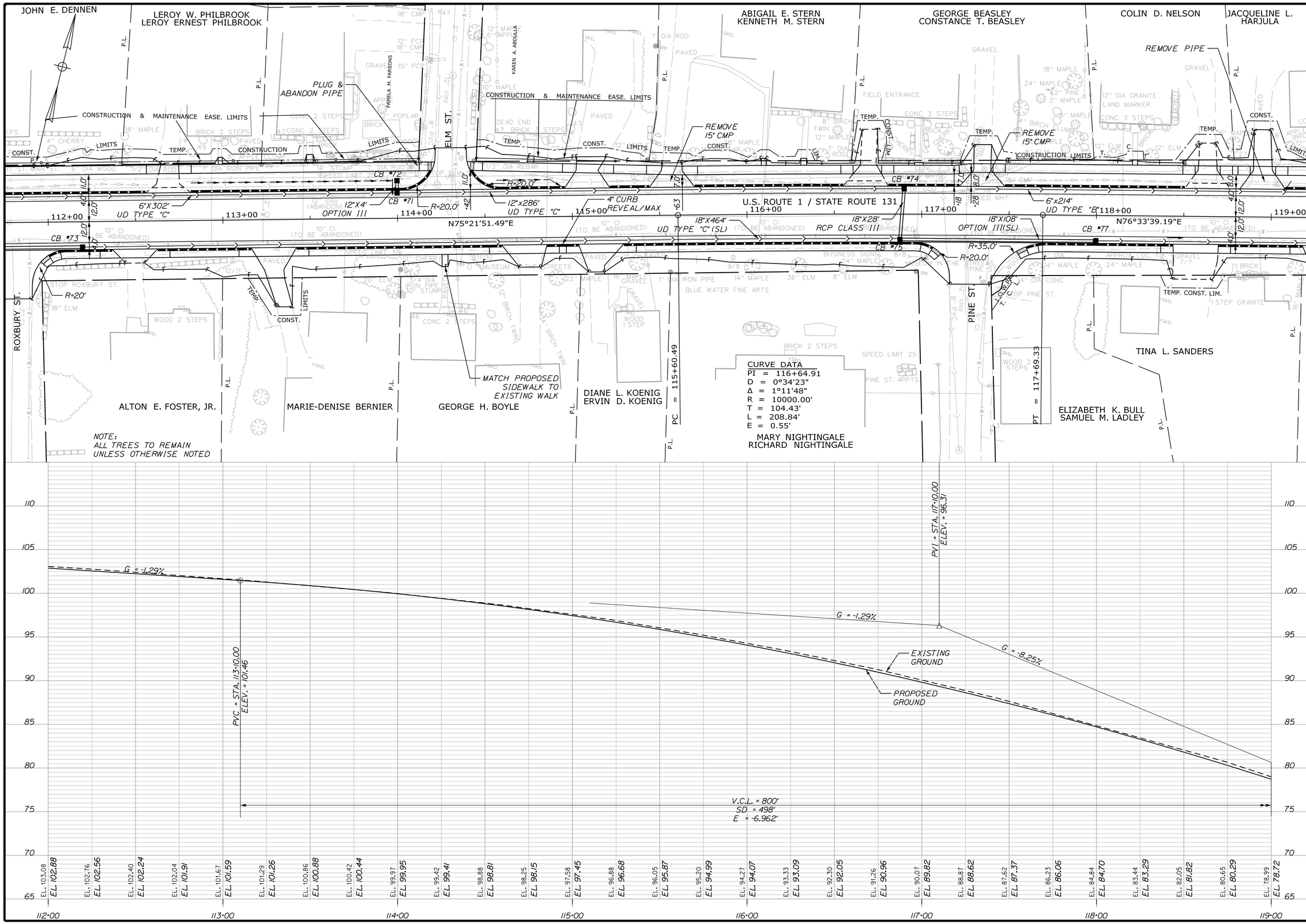
THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER
32
OF 187

STA. 105+00 TO STA. 112+00

Date:10/28/2015 Username: common Division: HIGHWAY Filename: ...\MSTA\032_Plan-Pro15.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
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DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

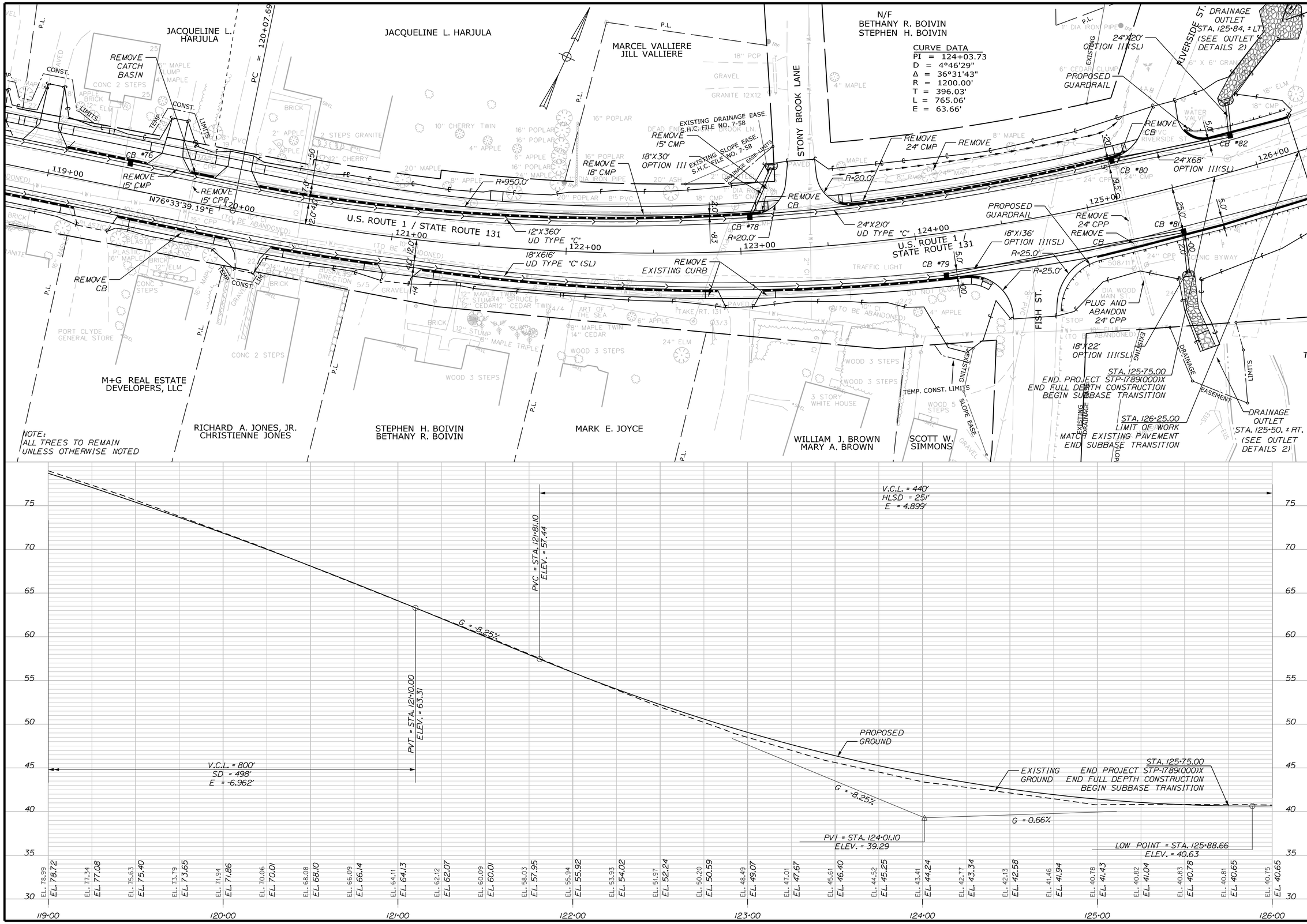
SHEET NUMBER

33

OF 187

STA. 112+00 TO STA. 119+00

Filename: ...\MSTA\033_Plan-Pro16.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER	BY	DATE
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SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER

34

OF 187

STA. 119+00 TO STA. 126+00

Date:10/28/2015

Username: common

Division: HIGHWAY

Filename: ...\MSTA\034_Plan-Pro17.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
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FIELD CHANGES			

SIGNATURE

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THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER

35

OF 187

STA. 124+00 TO STA. 128+00

Date:10/28/2015

Username: common

Division: HIGHWAY

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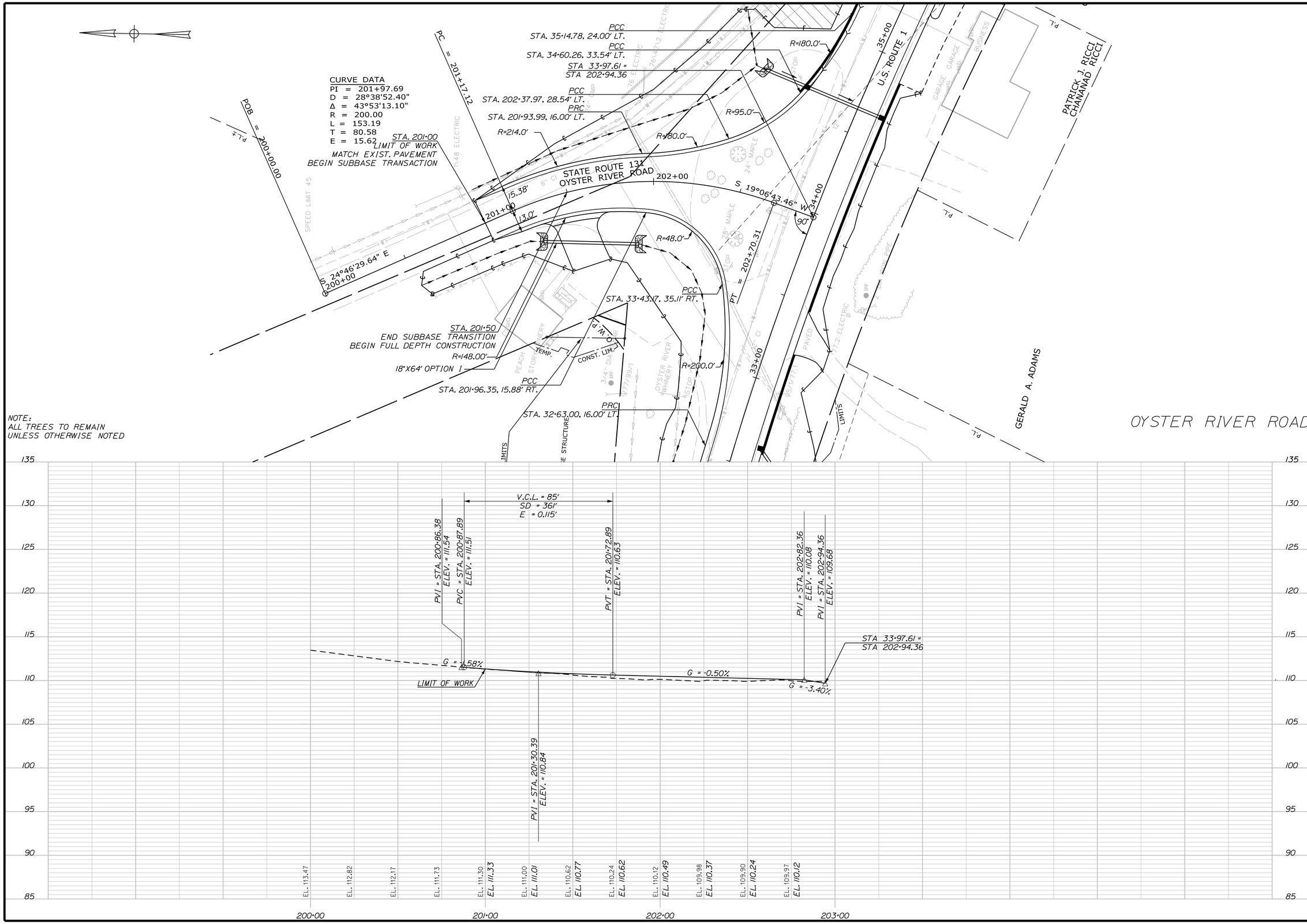

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
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FIELD CHANGES			

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DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

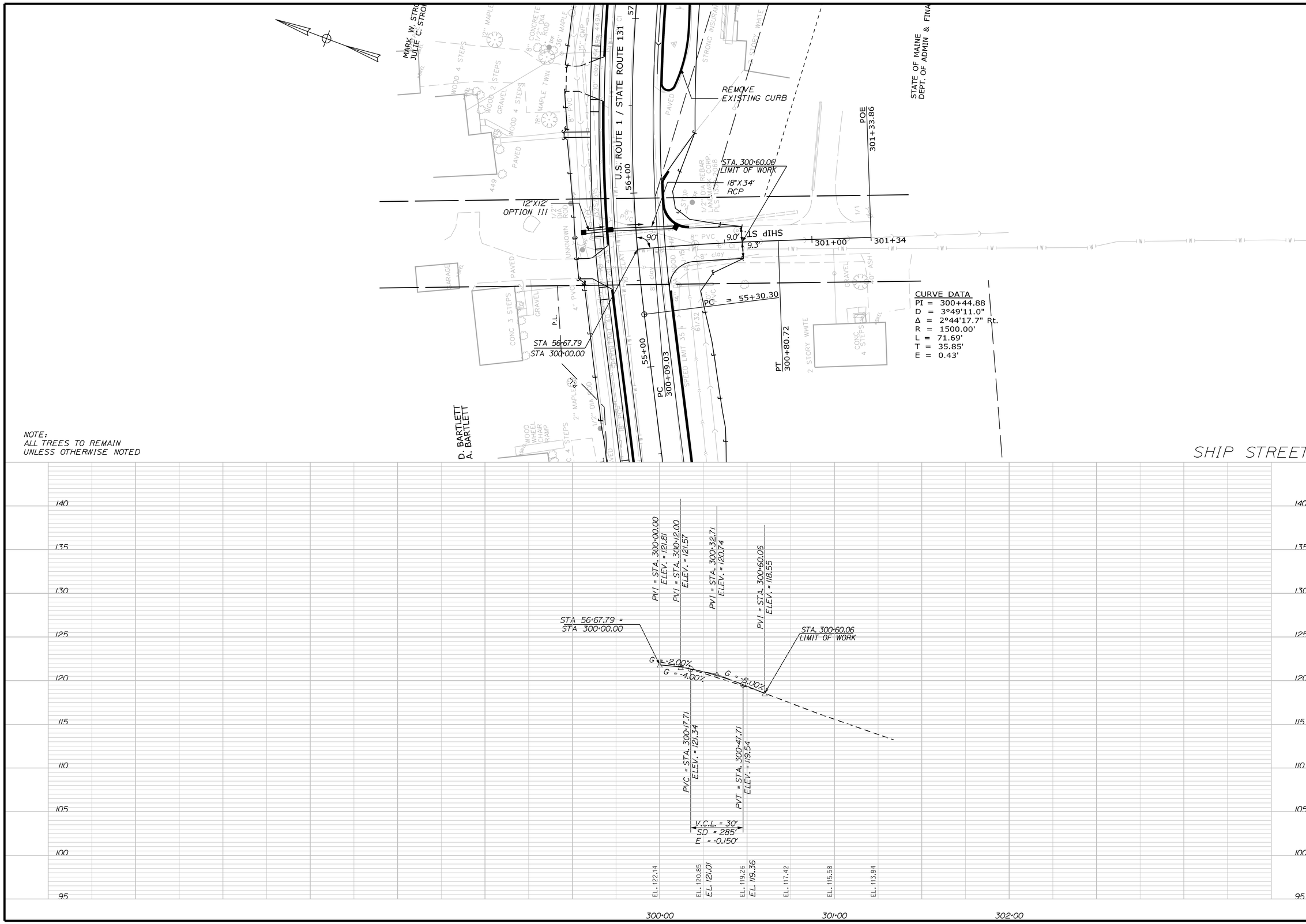
SHEET NUMBER

36

OF 187

OYSTER RIVER ROAD

Filename: ...\MSTA\036_Plan-Pro19.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
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FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

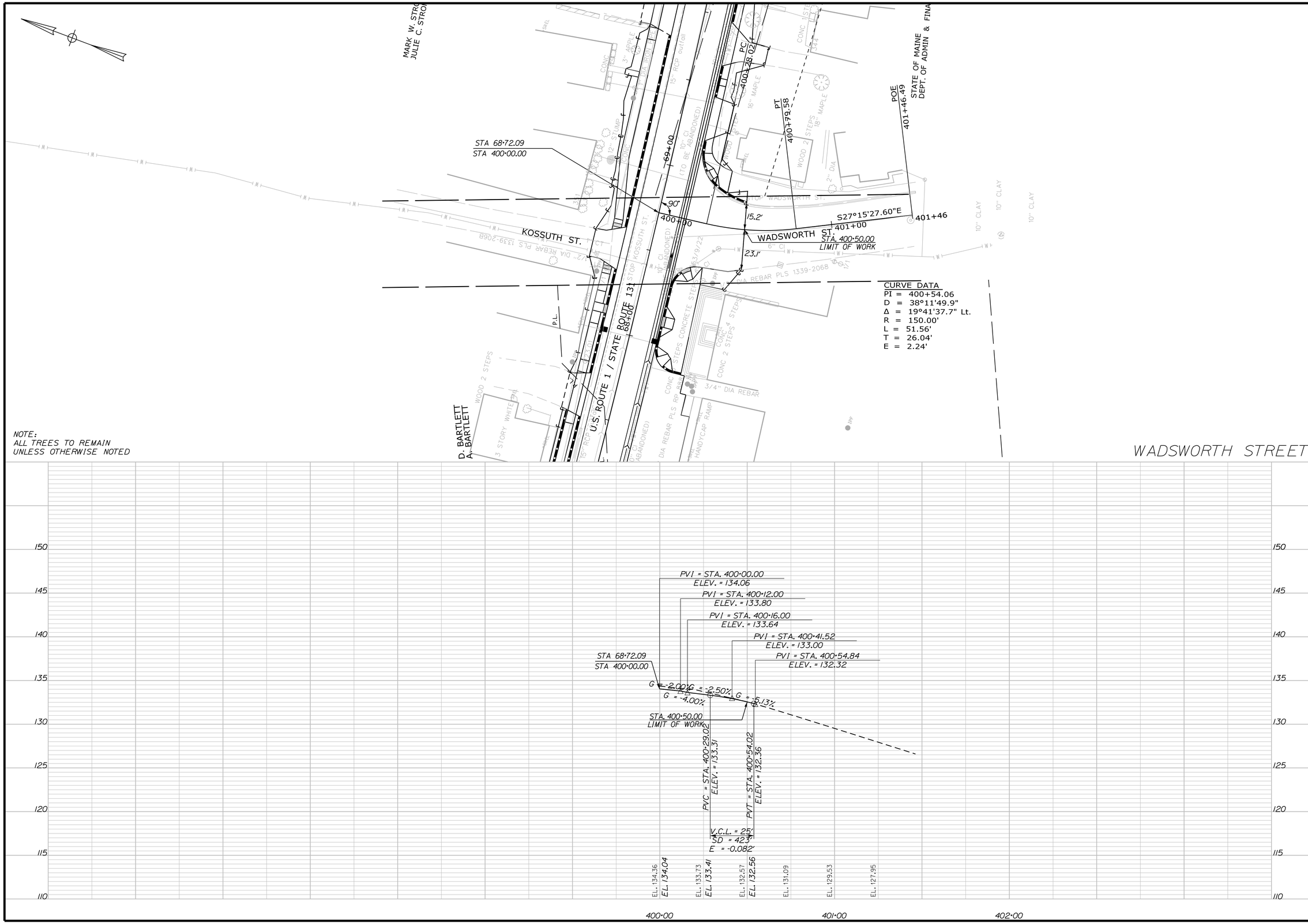
SHEET NUMBER

37

OF 187

SHIP STREET

Filename: ...\MSTA\037_Plan-Pro20.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER

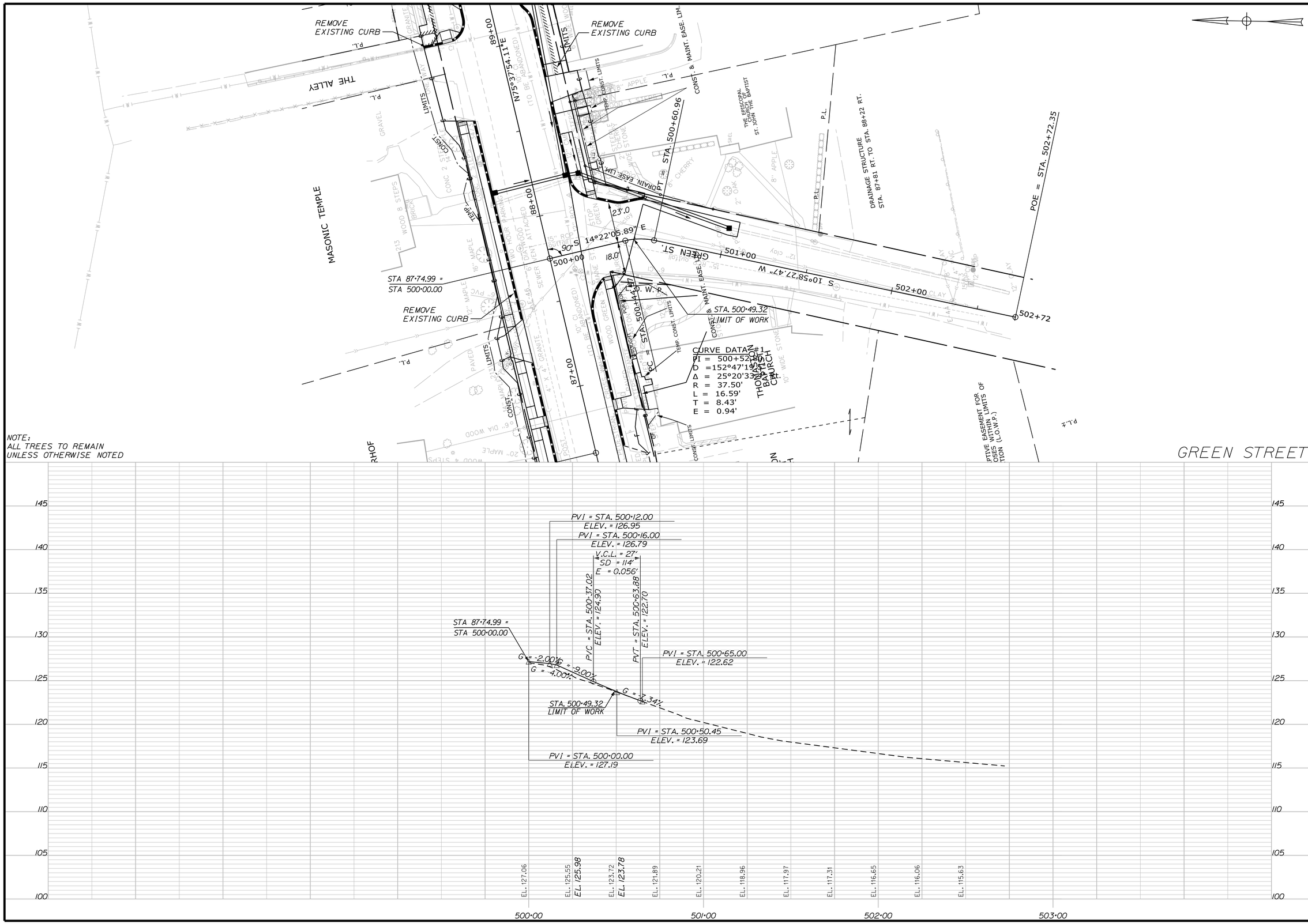
38

OF 187

WADSWORTH STREET

Filename: ...\MSTA\038_Plan-Pro21.dgn Division: HIGHWAY Username: common Date:10/28/2015

Filename: ...\MSTA\039_Plan-Pro22.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2	I.MAYNARD		
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REVISIONS 1			
REVISIONS 2			
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER

39

OF 187

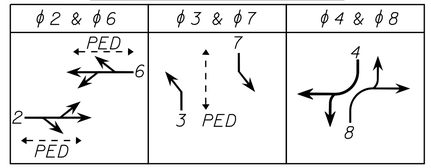
GREEN STREET

SIGNAL TIMING

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	TIME OF DAY
MIN GREEN	-	5	5	5	-	5	5	5	-
EXTENSION	-	3	3	3	-	3	3	3	-
MAX I	-	30	15	15	-	30	15	15	-
MAX II	-	35	15	15	-	35	15	15	ALL
VEH CLEARANCE	-	3	3	3	-	3	3	3	RESERVE
RED CLEARANCE	-	3.8	2	3	-	3.8	2	3	-
WALK	-	5	5	-	-	5	-	-	-
PED CLEARANCE	-	12	10	-	-	12	-	-	-
RECALL	-	SOFT	NONE	NONE	-	SOFT	NONE	NONE	-
DUAL ENTRY	-	ON	OFF	OFF	-	ON	OFF	OFF	-
DETECTOR MODE	PRESENCE	PRESENCE	PRESENCE	PRESENCE	-	PRESENCE	PRESENCE	PRESENCE	-
FLASH	-	Y	<--- R	R -->	-	Y	<-- R	R -->	-

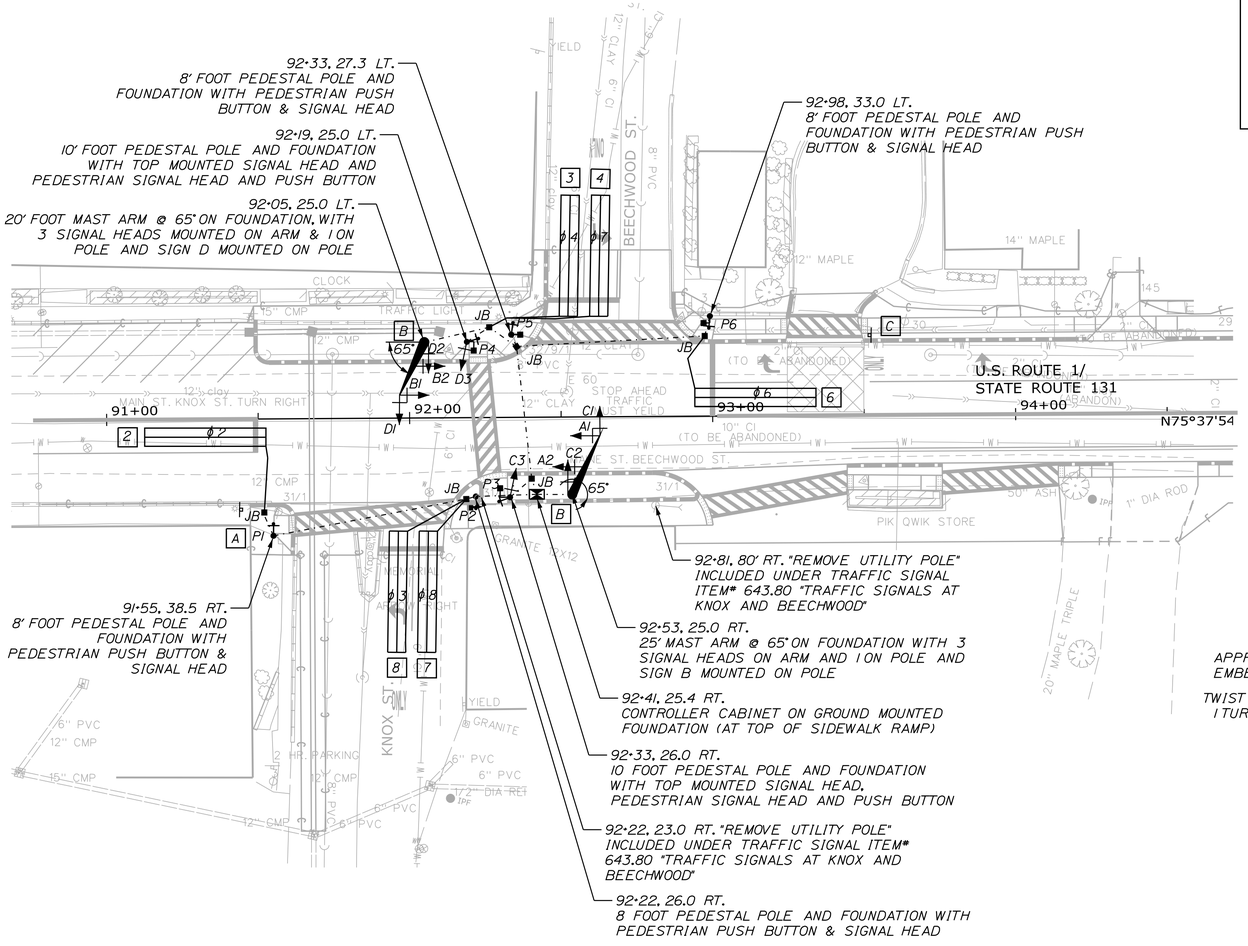
NOTES:
1. PED NORMALLY DW UPON PUSH BUTTON ACTUATION W/FDW COUNTDOWN
2. PHASES 3&8 OR 4&7 CAN BE SERVED CONCURRENTLY IN THE ABSENCE OF CALLS FOR PREFERRED PHASING.
3. PED CROSSING WITH PHASE 3 UPON PUSH BUTTON ACTUATION.
4. WHEN PHASE 3 PEDESTRIAN PHASE ACTUATED, PHASE 7 HOLD UNTIL PHASE 3 TERMINATED.
5. PHASE 2&6 PED PHASE FDW DURING VEH. CLEARANCE.
6. FOUNDATION DESIGN BY CONTRACTOR SEE STANDARD SPECIFICATIONS.
7. FOUNDATIONS FOR MAST ARM POLES AND PEDESTALS. INCIDENTAL TO MAST ARM POLES AND PEDESTALS.
8. CONTRACTOR RESPONSIBLE FOR COORDINATING POWER SOURCE WITH UTILITY. INCIDENTAL TO 643.80 TRAFFIC SIGNALS.
9. CONTRACTOR SHALL REMOVE THE EXISTING SIGNAL SYSTEM. THIS WORK SHALL BE INCIDENTAL TO ITEM 643.80 TRAFFIC SIGNALS.

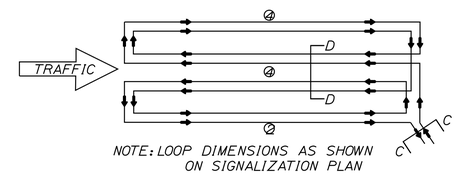
PREFERENTIAL PHASING SEQUENCE



LEGEND

- PROPOSED SIGNAL CONTROLLER WITH CABINET
- PROPOSED MAST ARM WITH STEEL POLE AND FOUNDATION
- PROPOSED VEHICULAR HEAD WITH LOUVERED BACKPLATE
- PROPOSED WIRE LOOP DETECTOR 6'X40' QUADRUPOLE
- PUSH BUTTON AND INFORMATIONAL SIGN
- PROPOSED PEDESTAL POST AND FOUNDATION
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED PREEMPTION RECEIVER (R)
- PROPOSED PREEMPTION CONFIRMATION STROBE (CS)
- PROPOSED BLANK OUT SIGN
- EXISTING SPAN WIRE OR MAST ARM MOUNTED SIGN
- PROPOSED UNDERGROUND CONDUIT
- PROPOSED JUNCTION BOX

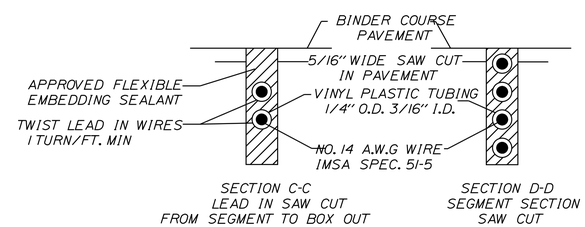




NOTE: LOOP DIMENSIONS AS SHOWN ON SIGNALIZATION PLAN

TYPICAL WIRE DIAGRAM FOR QUADRUPOLE LOOP

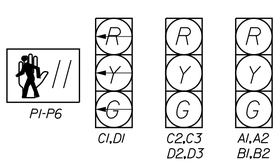
NTS



LOOP DETECTOR SEGMENT DETAIL

NTS

SIGNAL INDICATIONS



NOTES:
1. ALL INDICATIONS SHALL BE 12 INCH. ALL INDICATIONS SHALL BE LIGHT EMITTING DIODES
2. ALL SIGNAL HEADS PROVIDED WITH 5 INCH LOUVERED BACKPLATES

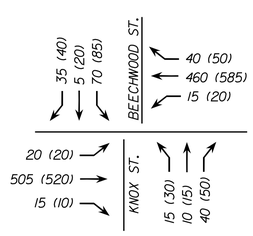
SIGNS

STOP HERE ON RED
30" X 36"
A

NO TURN ON RED
24" X 36"
B
MOUNTED ON POLE

DO NOT BLOCK DRIVEWAY
30" X 36"
C

DESIGN VOLUMES AM (PM)



DETECTOR SCHEDULE

DETECTOR							AMPLIFIER				INDUCTANCE	CONTINUITY	RESISTANCE LOOP TO GROUND
PLAN ID.	STREET	DIRECTION	LANE	SIZE	CALL ϕ	DELAY	TYPE	SLOT NO.	DETECTOR NO.	CHANNEL			
2	MAIN STREET	EASTBOUND	THRU	6X40	2	0	PRESENCE	1	1	1			
3	BEECHWOOD ST.	SOUTHBOUND	RIGHT	6X40	4	0	PRESENCE	1	2	2			
4	BEECHWOOD ST.	SOUTHBOUND	LEFT	6X40	7	0	PRESENCE	2	3	1			
6	MAIN STREET	WESTBOUND	THRU	6X40	6	0	PRESENCE	2	4	2			
7	KNOX STREET	NORTHBOUND	RIGHT	6X40	8	0	PRESENCE	3	5	1			
8	KNOX STREET	NORTHBOUND	LEFT	6X40	3	0	PRESENCE	3	6	2			

RECORD FIELD MEASUREMENTS HERE

PLAN

25 0 25 50

SCALE OF FEET

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
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THOMASTON
U.S. ROUTE 1

PLAN / PROFILE

SHEET NUMBER

40

OF 187

Filename: ...\MSTA\040_Traffic Plan.dgn Division: HIGHWAY Username: common Date:11/11/2015

Design of the Drilled Shaft Foundations for the Traffic Signal Mast Arm Poles shall be based on Standard Details 626(03) and 626(04) with Charts P30 (Soils with PHI = 30 Degrees).

Maine Department of Transportation — Soil/Rock Exploration Log — US CUSTOMARY UNITS

Project: New Traffic Signal Mast Route 1
Location: Thomaston, Maine

Boring No.: HB-THO-101
WIN: 17890.00

Driller:	NEBC	Elevation (ft.)	124.0	Auger ID/OD:	2.25/5.5"
Operator:	Enos/Dupuis	Datum:	NAVD88	Sampler:	Standard Split Spoon
Logged By:	Be Schonewald	Rig Type:	Mobile Drill (Truck)	Hammer Wt./Fall:	140#/30"
Date Start/Finish:	10/27/2015; 09:15-10:50	Drilling Method:	HSA	Core Barrel:	N/A
Boring Location:	92+07, 23.0 ft Lt.	Casing ID/OD:	N/A	Water Level*:	9.8 ft bgs open
Hammer Efficiency Factor:		Hammer Type:	Automatic ☐ Hydraulic ☐ Rope & Cathead ☒		

Definitions:
D = Split Spoon Sample
MD = Unsuccessful Split Spoon Sample attempt
U = Thin Wall Tube Sample
MU = Unsuccessful Thin Wall Tube Sample attempt
V = Insitu Vane Shear Test, PP = Pocket Penetrometer
MV = Unsuccessful Insitu Vane Shear Test attempt
R = Rock Core Sample
SSA = Solid Stem Auger
HSA = Hollow Stem Auger
RC = Roller Cone
WOH = weight of 140lb. hammer
WOR/C = weight of rods or casing
WO1P = Weight of one person
S_v = Insitu Field Vane Shear Strength (psf)
T_v = Pocket Torvane Shear Strength (psf)
q_p = Unconfined Compressive Strength (ksf)
N-uncorrected = Raw Field SPT N-value
Hammer Efficiency Factor = Annual Calibration Value
N_{60} = SPT N-uncorrected corrected for hammer efficiency
N_{60} = (Hammer Efficiency Factor/60%)*N-uncorrected
S_u(lab) = Lab Vane Shear Strength (psf)
WC = water content, percent
LL = Liquid Limit
PL = Plastic Limit
PI = Plasticity Index
G = Grain Size Analysis
C = Consolidation Test

Depth (ft.)	Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (/6 in.) Shear Strength (psf) or RQD (%)	N-uncorrected	N_{60}	Casing Blows	Elevation (ft.)	Visual Description and Remarks	Laboratory Testing Results/ AASHTO and Unified Class
0							HSA	123.50	6" HMA. (0.50)	
								123.33	CONCRETE, 1"-2" rotten. (0.67)	
	1D	24/17	2.00 - 4.00	7/7/10/4	17	17			Brown, damp, medium dense, fine to medium SAND, little to some gravel, little silt, trace coarse sand. (Fill).	
5	2D	24/4	5.00 - 7.00	3/4/2/2	6	6			Brown, damp, loose, fine to coarse SAND, little gravel, trace silt. Piece of gravel in tip of spoon. (Fill).	
10	3D	24/18	10.00 - 12.00	14/19/9/11	28	28		112.90	(11.10) Brown, moist, fine to medium SAND, some gravel, trace to little silt, trace coarse sand. (Native Till).	
15	4D	1.2/1.2	15.00 - 15.10	50/1.2"	---			106.00	(18.00) Native Till, very boney below 15.0 ft bgs.	
									Possible Weathered ROCK.	
20	MD	0/0	20.00 - 20.00	50/0"	---			104.00	(20.00) Bottom of Exploration at 20.00 feet below ground surface. Split Spoon and Auger REFUSAL, possible rock.	
25										

Remarks:

Stratification lines represent approximate boundaries between soil types; transitions may be gradual.

* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.

Page 1 of 1
Boring No.: HB-THO-101

Maine Department of Transportation — Soil/Rock Exploration Log — US CUSTOMARY UNITS

Project: New Traffic Signal Mast Route 1
Location: Thomaston, Maine

Boring No.: HB-THO-102
WIN: 17890.00

Driller:	NEBC	Elevation (ft.)	124.1	Auger ID/OD:	2.25/5.5"
Operator:	Enos/Dupuis	Datum:	NAVD88	Sampler:	Standard Split Spoon
Logged By:	Be Schonewald	Rig Type:	Mobile Drill (Truck)	Hammer Wt./Fall:	140#/30"
Date Start/Finish:	10/27/2015; 11:00-12:30	Drilling Method:	HSA	Core Barrel:	N/A
Boring Location:	92+48, 21.0 ft Rt.	Casing ID/OD:	N/A	Water Level*:	Dry
Hammer Efficiency Factor:		Hammer Type:	Automatic ☐ Hydraulic ☐ Rope & Cathead ☒		

Definitions:
D = Split Spoon Sample
MD = Unsuccessful Split Spoon Sample attempt
U = Thin Wall Tube Sample
MU = Unsuccessful Thin Wall Tube Sample attempt
V = Insitu Vane Shear Test, PP = Pocket Penetrometer
MV = Unsuccessful Insitu Vane Shear Test attempt
R = Rock Core Sample
SSA = Solid Stem Auger
HSA = Hollow Stem Auger
RC = Roller Cone
WOH = weight of 140lb. hammer
WOR/C = weight of rods or casing
WO1P = Weight of one person
S_v = Insitu Field Vane Shear Strength (psf)
T_v = Pocket Torvane Shear Strength (psf)
q_p = Unconfined Compressive Strength (ksf)
N-uncorrected = Raw Field SPT N-value
Hammer Efficiency Factor = Annual Calibration Value
N_{60} = SPT N-uncorrected corrected for hammer efficiency
N_{60} = (Hammer Efficiency Factor/60%)*N-uncorrected
S_u(lab) = Lab Vane Shear Strength (psf)
WC = water content, percent
LL = Liquid Limit
PL = Plastic Limit
PI = Plasticity Index
G = Grain Size Analysis
C = Consolidation Test

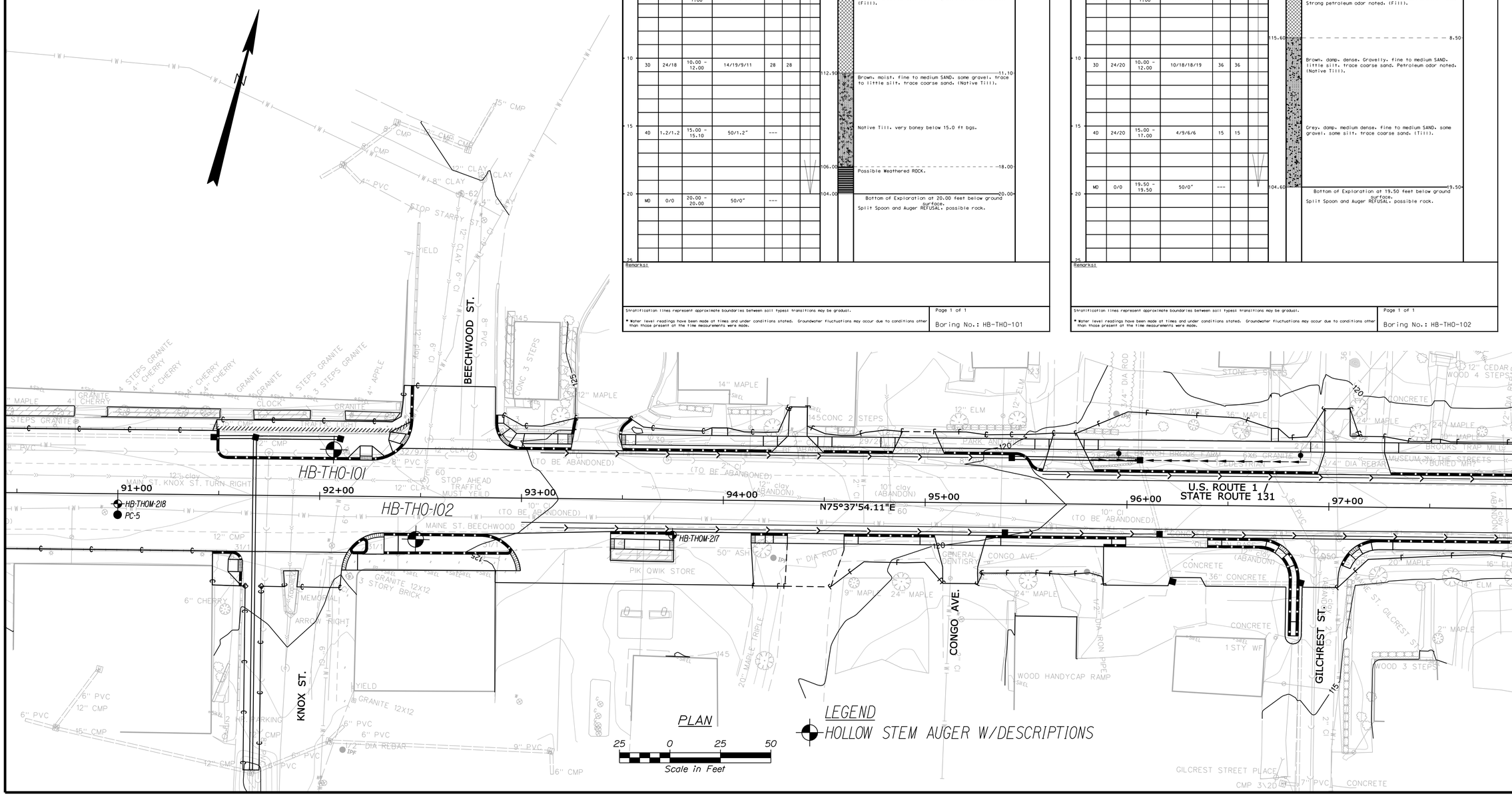
Depth (ft.)	Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (/6 in.) Shear Strength (psf) or RQD (%)	N-uncorrected	N_{60}	Casing Blows	Elevation (ft.)	Visual Description and Remarks	Laboratory Testing Results/ AASHTO and Unified Class
0							HSA	123.68	5" HMA. (0.42)	
								123.18	6" CONCRETE. (0.92)	
	1D	24/8	2.00 - 4.00	10/8/4/4	12	12			Brown, damp, medium dense, Gravelly, fine to medium SAND, little silt, trace coarse sand. Strong petroleum odor noted. (Fill).	
5	2D	24/13	5.00 - 7.00	9/11/16/22	27	27			Dark brown to tan, damp, medium dense, fine to medium SAND, little gravel, little silt, trace coarse sand. Strong petroleum odor noted. (Fill).	
								115.60	(8.50)	
10	3D	24/20	10.00 - 12.00	10/18/18/19	36	36			Brown, damp, dense, Gravelly, fine to medium SAND, little silt, trace coarse sand. Petroleum odor noted. (Native Till).	
15	4D	24/20	15.00 - 17.00	4/9/6/6	15	15			Grey, damp, medium dense, fine to medium SAND, some gravel, some silt, trace coarse sand. (Till).	
	MD	0/0	19.50 - 19.50	50/0"	---			104.60	(19.50) Bottom of Exploration at 19.50 feet below ground surface. Split Spoon and Auger REFUSAL, possible rock.	
20										
25										

Remarks:

Stratification lines represent approximate boundaries between soil types; transitions may be gradual.

* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.

Page 1 of 1
Boring No.: HB-THO-102



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED			
CHECKED-REVIEWED			
DESIGN2-DETAILED2	K.MAGUIRE	T.WHITE	OCT 2015
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

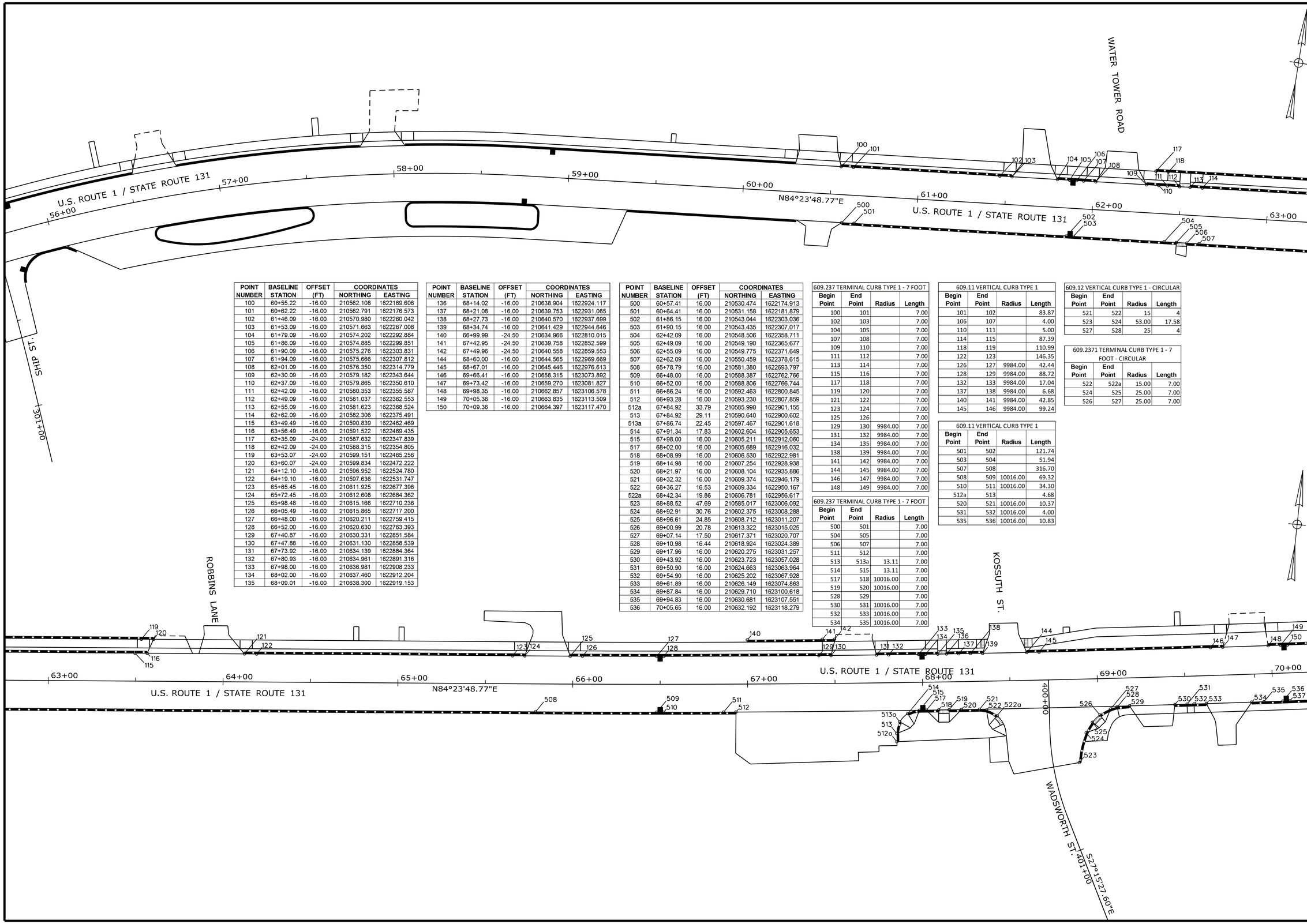
DATE

THOMASTON
ROUTE 1\131

BORING LOCATION PLAN & BORING LOGS
WITH STANDARD DETAIL NOTE

SHEET NUMBER
41
OF 187

Filename: ...\MSTA\041_BLP BL BL S01.dgn Division: GEOTECH Username: terry.white Date:11/2/2015



POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
100	60+55.22	-16.00	210562.108	1622169.606
101	60+62.22	-16.00	210562.791	1622176.573
102	61+46.09	-16.00	210570.980	1622260.042
103	61+53.09	-16.00	210571.663	1622267.008
104	61+79.09	-16.00	210574.202	1622292.884
105	61+86.09	-16.00	210574.885	1622299.851
106	61+90.09	-16.00	210575.276	1622303.831
107	61+94.09	-16.00	210575.666	1622307.812
108	62+01.09	-16.00	210576.350	1622314.779
109	62+30.09	-16.00	210579.182	1622343.644
110	62+37.09	-16.00	210579.865	1622350.610
111	62+42.09	-16.00	210580.353	1622355.587
112	62+49.09	-16.00	210581.037	1622362.553
113	62+55.09	-16.00	210581.623	1622368.524
114	62+62.09	-16.00	210582.306	1622375.491
115	63+49.49	-16.00	210590.839	1622462.469
116	63+56.49	-16.00	210591.522	1622469.435
117	62+35.09	-24.00	210587.632	1622347.839
118	62+42.09	-24.00	210588.315	1622354.805
119	63+53.07	-24.00	210599.151	1622465.256
120	63+60.07	-24.00	210599.834	1622472.222
121	64+12.10	-16.00	210596.952	1622524.780
122	64+19.10	-16.00	210597.636	1622531.747
123	65+65.45	-16.00	210611.925	1622677.396
124	65+72.45	-16.00	210612.608	1622684.362
125	65+98.48	-16.00	210615.166	1622710.236
126	66+05.49	-16.00	210615.865	1622717.200
127	66+48.00	-16.00	210620.211	1622759.415
128	66+52.00	-16.00	210620.630	1622763.393
129	67+40.87	-16.00	210630.331	1622851.584
130	67+47.88	-16.00	210631.130	1622858.539
131	67+73.92	-16.00	210634.139	1622884.364
132	67+80.93	-16.00	210634.961	1622891.316
133	67+98.00	-16.00	210636.981	1622908.233
134	68+02.00	-16.00	210637.460	1622912.204
135	68+09.01	-16.00	210638.300	1622919.153

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
136	68+14.02	-16.00	210638.904	1622924.117
137	68+21.08	-16.00	210639.753	1622931.065
138	68+27.73	-16.00	210640.570	1622937.699
139	68+34.74	-16.00	210641.429	1622944.646
140	66+99.99	-24.50	210634.966	1622810.015
141	67+42.95	-24.50	210639.758	1622852.599
142	67+49.96	-24.50	210640.558	1622859.553
144	68+60.00	-16.00	210644.565	1622969.669
145	68+67.01	-16.00	210645.446	1622976.613
146	69+66.41	-16.00	210658.315	1623073.892
147	69+73.42	-16.00	210659.270	1623081.827
148	69+98.35	-16.00	210662.857	1623106.578
149	70+05.36	-16.00	210663.835	1623113.509
150	70+09.36	-16.00	210664.397	1623117.470

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
500	60+57.41	16.00	210530.474	1622174.913
501	60+64.41	16.00	210531.158	1622181.879
502	61+86.15	16.00	210543.044	1622303.036
503	61+90.15	16.00	210543.435	1622307.017
504	62+42.09	16.00	210548.506	1622358.711
505	62+49.09	16.00	210549.190	1622365.677
506	62+55.09	16.00	210549.775	1622371.649
507	62+62.09	16.00	210550.459	1622378.615
508	65+78.79	16.00	210581.380	1622693.797
509	66+48.00	16.00	210588.387	1622762.766
510	66+52.00	16.00	210588.806	1622766.744
511	66+86.24	16.00	210592.463	1622800.845
512	66+93.28	16.00	210593.230	1622807.859
512a	67+84.92	33.79	210585.990	1622901.155
513	67+84.92	29.11	210590.640	1622900.602
513a	67+86.74	22.45	210597.467	1622901.618
514	67+91.34	17.83	210602.604	1622905.653
515	67+98.00	16.00	210605.211	1622912.060
517	68+02.00	16.00	210605.689	1622916.032
518	68+08.99	16.00	210606.530	1622922.981
519	68+14.98	16.00	210607.254	1622928.938
520	68+21.97	16.00	210608.104	1622935.886
521	68+32.32	16.00	210609.374	1622946.179
522	68+36.27	16.53	210609.334	1622950.167
522a	68+42.34	19.86	210606.781	1622956.617
523	68+88.52	47.69	210585.017	1623006.092
524	68+92.91	30.76	210602.375	1623008.288
525	68+96.61	24.85	210608.712	1623011.207
526	69+00.99	20.78	210613.322	1623015.025
527	69+07.14	17.50	210617.371	1623020.707
528	69+10.98	16.44	210618.924	1623024.389
529	69+17.96	16.00	210620.275	1623031.257
530	69+43.92	16.00	210623.723	1623057.028
531	69+50.90	16.00	210624.663	1623063.964
532	69+54.90	16.00	210625.202	1623067.928
533	69+61.89	16.00	210626.149	1623074.863
534	69+87.84	16.00	210629.710	1623100.618
535	69+94.83	16.00	210630.681	1623107.551
536	70+05.65	16.00	210632.192	1623118.279

609.237 TERMINAL CURB TYPE 1 - 7 FOOT

Begin Point	End Point	Radius	Length
100	101		7.00
102	103		7.00
104	105		7.00
107	108		7.00
109	110		7.00
111	112		7.00
113	114		7.00
115	116		7.00
117	118		7.00
119	120		7.00
121	122		7.00
123	124		7.00
125	126		7.00
129	130	9984.00	7.00
131	132	9984.00	7.00
134	135	9984.00	7.00
138	139	9984.00	7.00
141	142	9984.00	7.00
144	145	9984.00	7.00
146	147	9984.00	7.00
148	149	9984.00	7.00

609.237 TERMINAL CURB TYPE 1 - 7 FOOT

Begin Point	End Point	Radius	Length
500	501		7.00
504	505		7.00
506	507		7.00
511	512		7.00
513	513a	13.11	7.00
514	515	13.11	7.00
517	518	10016.00	7.00
519	520	10016.00	7.00
528	529		7.00
530	531	10016.00	7.00
532	533	10016.00	7.00
534	535	10016.00	7.00

609.11 VERTICAL CURB TYPE 1

Begin Point	End Point	Radius	Length
101	102		83.87
106	107		4.00
110	111		5.00
114	115		87.39
118	119		110.99
122	123		146.35
126	127	9984.00	42.44
128	129	9984.00	88.72
132	133	9984.00	17.04
137	138	9984.00	6.68
140	141	9984.00	42.85
145	146	9984.00	99.24

609.11 VERTICAL CURB TYPE 1

Begin Point	End Point	Radius	Length
501	502		121.74
503	504		51.94
507	508		316.70
508	509	10016.00	69.32
510	511	10016.00	34.30
512a	513		4.68
520	521	10016.00	10.37
531	532	10016.00	4.00
535	536	10016.00	10.83

609.12 VERTICAL CURB TYPE 1 - CIRCULAR

Begin Point	End Point	Radius	Length
521	522	15	4
523	524	53.00	17.58
527	528	25	4

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR

Begin Point	End Point	Radius	Length
522	522a	15.00	7.00
524	525	25.00	7.00
526	527	25.00	7.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

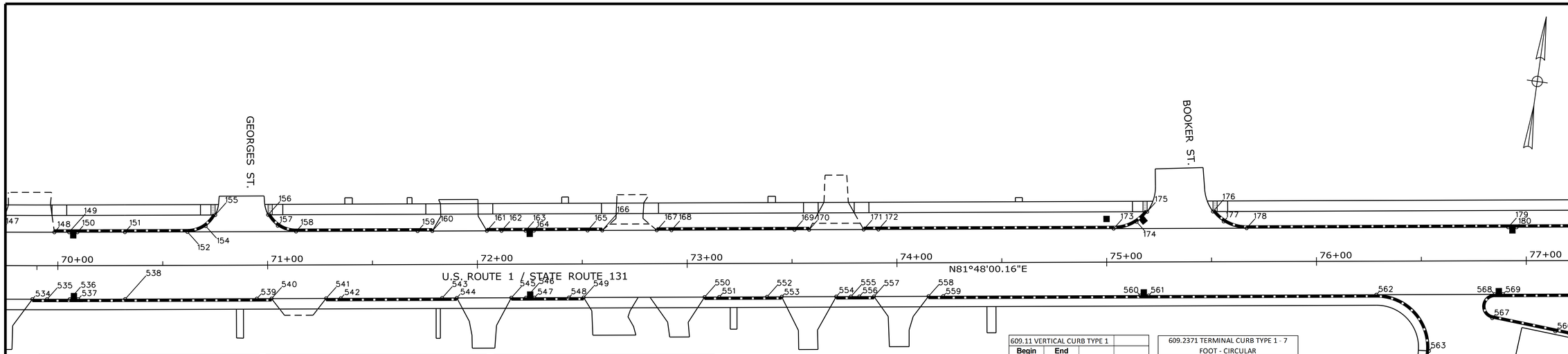
GEOMETRICS & CURB LAYOUT

SHEET NUMBER

42

OF 187

Filename: ...\MSTA\042_Geo & Curb Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
151	70+32.02	-16.00	210667.597	1623139.863
152	70+61.82	-16.00	210671.847	1623169.356
154	70+70.52	-18.78	210675.839	1623177.569
155	70+75.09	-24.00	210681.658	1623181.346
156	71+00.33	-24.00	210685.259	1623206.334
157	71+04.90	-18.78	210680.743	1623211.600
158	71+13.60	-16.00	210679.233	1623220.606
159	71+71.56	-16.00	210687.499	1623277.974
160	71+78.56	-16.00	210688.498	1623284.902
161	72+04.56	-16.00	210692.206	1623310.637
162	72+11.56	-16.00	210693.204	1623317.565
163	72+23.00	-16.00	210694.836	1623328.888
164	72+27.00	-16.00	210695.407	1623332.847
165	72+52.57	-16.00	210699.053	1623358.154
166	72+59.57	-16.00	210700.052	1623365.082
167	72+85.57	-16.00	210703.760	1623390.817
168	72+92.57	-16.00	210704.759	1623397.745
169	73+51.20	-16.00	210713.122	1623455.783
170	73+58.20	-16.00	210714.120	1623462.712
171	73+84.20	-16.00	210717.829	1623488.446
172	73+91.20	-16.00	210718.827	1623495.374
173	75+03.38	-16.00	210734.827	1623606.406
174	75+14.30	-19.24	210739.592	1623616.747
175	75+19.38	-24.00	210745.027	1623621.101
176	75+50.77	-24.00	210749.504	1623652.168
177	75+55.86	-19.24	210745.519	1623657.879
178	75+66.77	-16.00	210743.868	1623669.145
179	76+91.46	-16.00	210761.652	1623792.564
180	76+95.46	-16.00	210762.223	1623796.523
181	77+59.05	-16.00	210771.292	1623859.458
182	77+63.05	-16.00	210771.863	1623863.417
183	77+70.05	-16.00	210772.861	1623870.346
184	78+24.89	-16.00	210780.682	1623924.621
185	78+31.89	-16.00	210781.681	1623931.550
186	79+18.86	-16.00	210794.086	1624017.639
187	79+22.86	-16.00	210794.657	1624021.598
188	79+85.86	-16.00	210803.641	1624083.946

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
189	79+92.86	-16.00	210804.639	1624090.875
190	80+18.86	-16.00	210808.348	1624116.609
191	80+25.86	-16.00	210809.346	1624123.537
192	80+40.01	-16.00	210811.364	1624137.543
193	80+44.01	-16.00	210811.935	1624141.502
194	80+51.01	-16.00	210812.933	1624148.430
195	80+77.01	-16.00	210816.642	1624174.164
196	80+84.01	-16.00	210817.640	1624181.093
197	81+12.76	-16.00	210821.741	1624209.554
198	81+19.76	-16.00	210822.740	1624216.482
199	81+45.76	-16.00	210826.448	1624242.216
200	81+52.76	-16.00	210827.446	1624249.145
201	81+78.04	-16.00	210831.052	1624274.166
202	81+85.04	-16.00	210832.050	1624281.094
203	82+11.04	-16.00	210835.759	1624306.828
204	82+18.04	-16.00	210836.757	1624313.757
205	82+57.05	-16.00	210842.321	1624352.366
206	82+64.05	-16.00	210843.319	1624359.294
207	82+90.05	-16.00	210847.027	1624385.028
208	82+96.90	-16.00	210848.005	1624391.812
209	83+00.00	-16.00	210848.576	1624395.772
210	83+31.30	-16.00	210852.911	1624425.854
211	83+38.30	-16.00	210853.909	1624432.783
212	83+97.89	-16.00	210862.956	1624491.357
213	84+04.92	-16.00	210864.101	1624498.263

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
537	70+09.64	16.00	210632.753	1623122.240
538	70+32.02	16.00	210635.925	1623144.427
539	70+94.81	16.00	210644.880	1623206.576
540	71+01.81	16.00	210645.879	1623213.504
541	71+27.81	16.00	210649.587	1623239.238
542	71+34.81	16.00	210650.585	1623246.167
543	71+83.13	16.00	210657.477	1623293.993
544	71+90.13	16.00	210658.476	1623300.922
545	72+16.13	16.00	210662.184	1623326.656
546	72+23.13	16.00	210663.182	1623333.584
547	72+27.13	16.00	210663.753	1623337.543

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
548	72+43.61	16.00	210666.103	1623353.852
549	72+50.61	16.00	210667.101	1623360.780
550	73+08.24	16.00	210675.321	1623417.823
551	73+15.24	16.00	210676.320	1623424.752
552	73+38.00	16.00	210679.566	1623447.280
553	73+45.00	16.00	210680.564	1623454.208
554	73+71.00	16.00	210684.273	1623479.942
555	73+78.00	16.00	210685.271	1623486.871
556	73+82.00	16.00	210685.842	1623490.830
557	73+89.00	16.00	210686.840	1623497.758
558	74+15.00	16.00	210690.548	1623523.493
559	74+22.00	16.00	210691.547	1623530.421
560	75+15.94	16.00	210704.945	1623623.400
561	75+19.94	16.00	210705.516	1623627.359
562	76+28.49	16.00	210720.998	1623734.802
563	76+53.42	42.92	210697.906	1623763.313
564	76+52.88	49.90	210690.921	1623763.775
565	77+20.57	35.21	210715.122	1623828.679
566	77+13.73	33.75	210715.589	1623821.695
567	76+83.69	27.35	210717.636	1623791.049
568	76+84.88	16.00	210729.041	1623790.613
569	76+88.88	16.00	210729.611	1623794.572
570	77+65.00	16.00	210740.468	1623869.911
571	77+69.00	16.00	210741.038	1623873.870
572	80+40.01	16.00	210779.692	1624142.107
573	80+44.01	16.00	210780.262	1624146.066
574	82+96.90	16.00	210816.332	1624396.376
575	83+00.90	16.00	210816.903	1624400.336
576	83+29.47	16.00	210820.978	1624428.614
577	83+32.49	37.71	210799.922	1624434.695
578	83+22.10	40.65	210795.527	1624424.833
579	83+15.37	42.56	210792.678	1624418.439
580	83+78.00	44.35	210800.199	1624481.233
581	83+83.07	39.68	210805.613	1624485.586
582	83+85.11	35.81	210809.764	1624487.015
583	83+91.26	19.24	210827.108	1624490.497
584	83+95.91	16.00	210831.058	1624494.590

609.237 TERMINAL CURB TYPE 1 - 7 FOOT

Begin Point	End Point	Radius	Length
159	160		7.00
161	162		7.00
165	166		7.00
167	168		7.00
169	170		7.00
171	172		7.00
182	183		7.00
184	185		7.00
188	189		7.00
190	191		7.00
193	194		7.00
195	196		7.00
197	198		7.00
199	200		7.00
201	202		7.00
203	204		7.00
205	206		7.00
207	208		7.00
210	211		7.00
212	213	2984.00	7.00

609.237 TERMINAL CURB TYPE 1 - 7 FOOT

Begin Point	End Point	Radius	Length
539	540		7.00
541	542		7.00
543	544		7.00
545	546		7.00
548	549		7.00
550	551		7.00
552	553		7.00
554	555		7.00
556	557		7.00
558	559		7.00
563	564		7.00
565	566		7.00
578	579		7.00

609.11 VERTICAL CURB TYPE 1

Begin Point	End Point	Radius	Length
150	151	9984.00	21.51
151	152		29.79
158	159		57.96
162	163		11.44
164	165		25.57
168	169		58.64
172	173		112.17
178	179		124.69
180	181		63.58
185	186		86.98
187	188		63.00
191	192		14.14
196	197		28.76
200	201		25.28
204	205		39.01
209	210		30.39

609.11 VERTICAL CURB TYPE 1

Begin Point	End Point	Radius	Length
537	538	10016.00	22.41
538	539		62.79
542	543		48.32
547	548		16.48
551	552		22.76
555	556		4.00
559	560		93.94
561	562		108.55
566	567		30.71
569	570		76.12
571	572		271.00
573	574		252.90
575	576		27.42
577	578		10.79
582	583		17.69

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR

Begin Point	End Point	Radius	Length
154	155	15.00	7.00
156	157	15.00	7.00
174	175	20.00	7.00
176	177	20.00	7.00

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR

Begin Point	End Point	Radius	Length
580	581	16.49	7.00
583	584	5.00	6.05 *

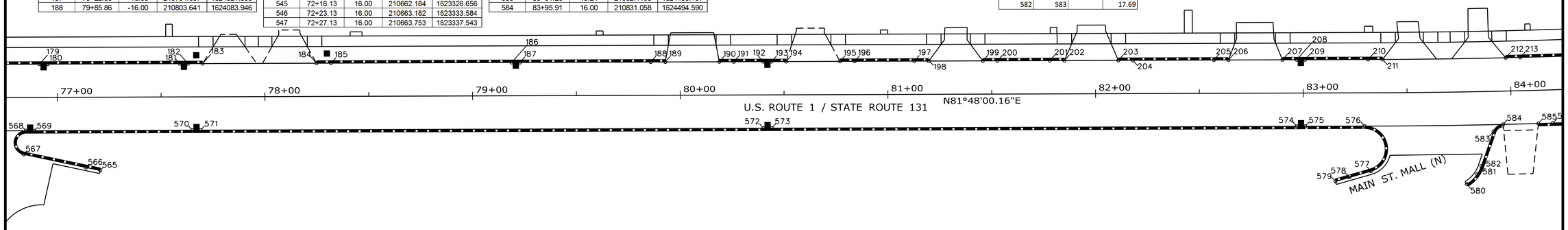
*TO BE PAID FOR AS 7' TERMINAL CURB

609.12 VERTICAL CURB TYPE 1 - CIRCULAR

Begin Point	End Point	Radius	Length
152	154	15.00	9.28
157	158	15.00	9.28
173	174	20.00	11.55
177	178	20.00	11.55

609.12 VERTICAL CURB TYPE 1 - CIRCULAR

Begin Point	End Point	Radius	Length
562	563	25.00	41.19
567	568	5.74	16.82
576	577	11.06	31.70
581	582	16.49	4.40



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

10\1\15

THOMASTON
U.S. ROUTE 1

GEOMETRICS & CURB LAYOUT

SHEET NUMBER

43

OF 187

Filename: ...\MSTA\043_Geo & Curb Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR			
Begin Point	End Point	Radius	Length
234	235	12.00	7.00
249	250	20.00	7.00
251	252	20.00	7.00
253	254	20.00	7.00
257	258	13.00	7.00
259	260	13.00	7.00
267	268	7.50	6.57 *
281	282	7.50	7.97 *

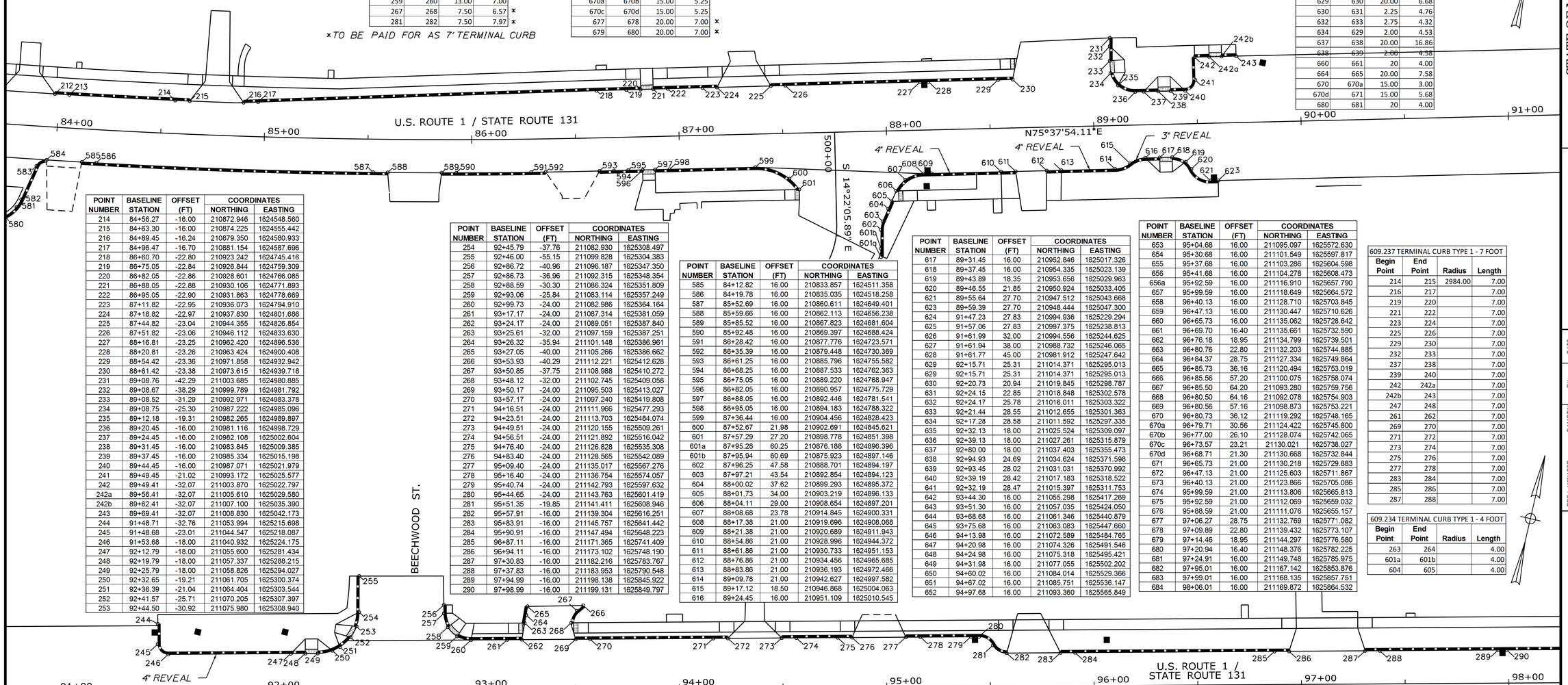
*TO BE PAID FOR AS 7' TERMINAL CURB

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR			
Begin Point	End Point	Radius	Length
600	601	25.00	7.00
606	607	15.00	7.00
625	626	5.00	7.00
618	619	10.00	7.00
661	662	20.00	7.00
663	664	20.00	7.00
670a	670b	15.00	5.25
670c	670d	15.00	5.25
677	678	20.00	7.00 *
679	680	20.00	7.00 *

609.38 RESET CURB TYPE 1			
Begin Point	End Point	Radius	Length
241	242		11.05
246	247		59.11
613	614		25.93

609.12 VERTICAL CURB TYPE 1 - CIRCULAR			
Begin Point	End Point	Radius	Length
235	236	12.00	9.12
240	241	5.00	7.87
245	246	5.00	7.87
250	251	20	4.14
280	281	7.50	8.30

609.12 VERTICAL CURB TYPE 1 - CIRCULAR			
Begin Point	End Point	Radius	Length
599	600	25.00	17.65
602	603	10.00	4.18
607	608	15.00	9.28
614	615	12.00	7.89
615	616	12.00	7.89
619	620	10.00	4.43
620	621	10.00	11.43
629	630	20.00	6.68
630	631	2.25	4.76
632	633	2.75	4.32
634	629	2.00	4.53
637	638	20.00	16.86
638	639	2.00	4.58
660	661	20	4.00
664	665	20.00	7.58
670	670a	15.00	3.00
670d	671	15.00	5.68
680	681	20	4.00



POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
214	84+56.27	-16.00	210872.946	1624548.560
215	84+63.30	-16.00	210874.225	1624555.442
216	84+89.45	-16.24	210879.350	1624580.933
217	84+96.47	-16.70	210881.154	1624587.696
218	86+60.70	-22.80	210923.242	1624745.416
219	86+75.05	-22.84	210926.844	1624759.309
220	86+82.05	-22.86	210928.601	1624766.085
221	86+88.05	-22.88	210930.106	1624771.893
222	86+95.05	-22.90	210931.863	1624778.669
223	87+11.82	-22.95	210936.073	1624794.910
224	87+18.82	-22.97	210937.830	1624801.686
225	87+44.82	-23.04	210944.355	1624826.854
226	87+51.82	-23.06	210946.112	1624833.630
227	88+16.81	-23.25	210962.420	1624896.536
228	88+20.81	-23.26	210963.424	1624900.408
229	88+54.42	-23.36	210971.858	1624932.942
230	88+61.42	-23.38	210973.615	1624939.718
231	89+08.76	-42.29	211003.685	1624980.885
232	89+08.67	-38.29	210999.789	1624981.792
233	89+08.52	-31.29	210992.971	1624983.378
234	89+08.75	-25.30	210987.222	1624985.096
235	89+12.18	-19.31	210982.265	1624989.897
236	89+20.45	-16.00	210981.116	1624998.729
237	89+24.45	-16.00	210982.108	1625002.604
238	89+31.45	-16.00	210983.845	1625009.385
239	89+37.45	-16.00	210985.334	1625015.198
240	89+44.45	-16.00	210987.071	1625021.979
241	89+49.45	-21.02	210993.172	1625025.577
242	89+49.41	-32.07	211003.870	1625022.797
242a	89+56.41	-32.07	211005.610	1625029.580
242b	89+62.41	-32.07	211007.100	1625035.390
243	89+69.41	-32.07	211008.830	1625042.173
244	91+48.71	-32.76	211053.994	1625215.698
245	91+48.68	-23.01	211044.547	1625218.087
246	91+53.68	-18.00	211040.932	1625224.175
247	92+12.79	-18.00	211055.600	1625281.434
248	92+19.79	-18.00	211057.337	1625288.215
249	92+25.79	-18.00	211058.826	1625294.027
250	92+32.65	-19.21	211061.705	1625300.374
251	92+36.39	-21.04	211064.404	1625303.544
252	92+41.57	-25.71	211070.205	1625307.397
253	92+44.50	-30.92	211075.980	1625308.940

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
254	92+45.79	-37.76	211082.930	1625308.497
255	92+46.00	-55.15	211099.828	1625304.383
256	92+86.72	-40.96	211096.187	1625347.350
257	92+86.73	-36.96	211092.315	1625348.354
258	92+88.59	-30.30	211086.324	1625351.809
259	92+93.06	-25.84	211083.114	1625357.249
260	92+99.73	-24.00	211082.986	1625364.164
261	93+17.17	-24.00	211087.314	1625381.059
262	93+24.17	-24.00	211089.051	1625387.840
263	93+25.61	-32.00	211097.159	1625387.251
264	93+26.32	-35.94	211101.148	1625386.961
265	93+27.05	-40.00	211105.266	1625386.662
266	93+53.93	-40.29	211112.221	1625412.628
267	93+50.85	-37.75	211108.988	1625410.272
268	93+48.12	-32.00	211102.745	1625409.058
269	93+50.17	-24.00	211095.503	1625413.027
270	93+57.17	-24.00	211097.240	1625419.808
271	94+16.51	-24.00	211111.966	1625477.293
272	94+23.51	-24.00	211113.703	1625484.074
273	94+49.51	-24.00	211120.155	1625509.261
274	94+56.51	-24.00	211121.892	1625516.042
275	94+76.40	-24.00	211126.828	1625535.308
276	94+83.40	-24.00	211128.565	1625542.089
277	95+09.40	-24.00	211135.017	1625567.276
278	95+16.40	-24.00	211136.754	1625574.057
279	95+40.74	-24.00	211142.793	1625597.632
280	95+44.65	-24.00	211143.763	1625601.419
281	95+51.35	-19.85	211141.411	1625608.946
282	95+57.91	-16.00	211139.304	1625616.251
283	95+83.91	-16.00	211145.757	1625641.442
284	95+90.91	-16.00	211147.494	1625648.223
285	96+87.11	-16.00	211171.365	1625741.409
286	96+94.11	-16.00	211173.102	1625748.190
287	97+30.83	-16.00	211182.216	1625783.767
288	97+37.83	-16.00	211183.953	1625790.548
289	97+94.99	-16.00	211198.138	1625845.922
290	97+98.99	-16.00	211199.131	1625849.797

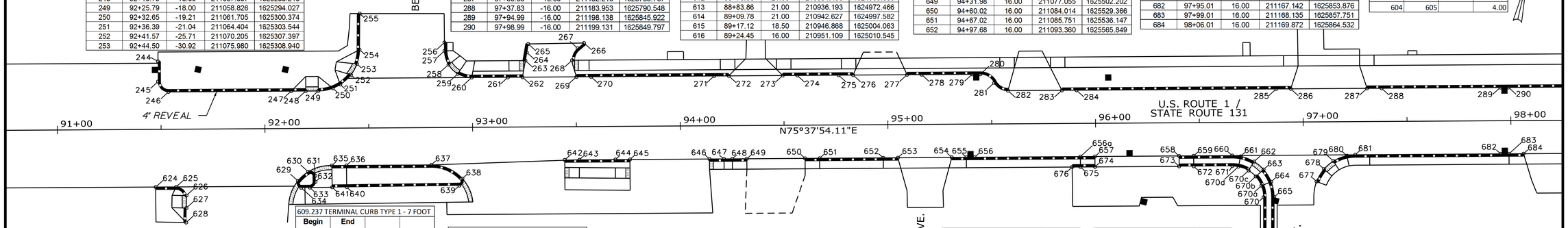
POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
585	84+12.82	16.00	210833.857	1624511.358
586	84+19.78	16.00	210835.035	1624518.258
587	85+52.69	16.00	210860.611	1624649.401
588	85+59.66	16.00	210862.113	1624656.238
589	85+85.52	16.00	210867.823	1624681.604
590	85+92.48	16.00	210869.397	1624688.424
591	86+28.42	16.00	210877.776	1624723.571
592	86+35.39	16.00	210879.448	1624730.369
593	86+61.25	16.00	210885.796	1624755.582
594	86+68.25	16.00	210887.533	1624762.363
595	86+75.05	16.00	210889.220	1624768.947
596	86+82.05	16.00	210890.957	1624775.729
597	86+88.05	16.00	210892.446	1624781.541
598	86+95.05	16.00	210894.183	1624788.322
599	87+36.44	16.00	210904.456	1624828.423
600	87+52.67	21.98	210902.691	1624845.621
601	87+57.29	27.20	210898.778	1624851.398
601a	87+95.28	60.25	210876.188	1624896.396
601b	87+95.94	60.69	210875.923	1624897.146
602	87+96.25	47.58	210888.701	1624894.197
603	87+97.21	43.54	210892.854	1624894.123
604	88+00.02	37.62	210899.293	1624895.372
605	88+01.73	34.00	210903.219	1624896.133
606	88+04.11	29.00	210908.654	1624897.201
607	88+08.68	23.78	210914.845	1624900.331
608	88+17.38	21.00	210919.696	1624908.068
609	88+21.38	21.00	210920.689	1624911.943
610	88+54.86	21.00	210928.996	1624944.372
611	88+61.86	21.00	210930.733	1624951.153
612	88+76.86	21.00	210934.456	1624965.685
613	88+83.86	21.00	210936.193	1624972.466
614	89+09.78	21.00	210942.627	1624997.582
615	89+17.12	18.50	210946.868	1625004.063
616	89+24.45	16.00	210951.109	1625010.545

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
617	89+31.45	16.00	210952.846	1625017.326
618	89+37.45	16.00	210954.335	1625023.139
619	89+43.89	18.35	210953.656	1625029.963
620	89+46.55	21.85	210950.924	1625033.405
621	89+55.64	27.70	210947.512	1625043.668
623	89+59.39	27.70	210948.444	1625047.300
624	91+47.23	27.83	210994.936	1625229.294
625	91+57.06	27.83	210997.375	1625238.813
626	91+61.99	32.00	210994.556	1625244.625
627	91+61.94	38.00	210988.732	1625246.065
628	91+61.77	45.00	210981.912	1625247.642
629	92+15.71	25.31	211014.371	1625295.013
629	92+15.71	25.31	211014.371	1625295.013
630	92+20.73	20.94	211019.845	1625298.787
631	92+24.15	22.85	211018.848	1625302.578
632	92+24.17	25.78	211016.011	1625303.322
633	92+21.44	28.55	211012.655	1625301.363
634	92+17.28	28.58	211011.592	1625297.335
635	92+32.13	18.00	211025.524	1625309.097
636	92+39.13	18.00	211027.261	1625315.879
637	92+80.00	18.00	211037.403	1625355.473
638	92+94.93	24.69	211034.624	1625371.598
639	92+93.45	28.02	211031.031	1625370.992
640	92+39.19	28.42	211017.183	1625318.522
641	92+32.19	28.47	211015.397	1625311.753
642	93+44.30	16.00	211055.298	1625417.269
643	93+51.30	16.00	211057.035	1625424.050
644	93+68.68	16.00	211061.346	1625440.879
645	93+75.68	16.00	211063.083	1625447.660
646	94+13.98	16.00	211072.589	1625484.765
647	94+20.98	16.00	211074.326	1625491.546
648	94+24.98	16.00	211075.318	1625495.421
649	94+31.98	16.00	211077.055	1625502.202
650	94+60.02	16.00	211084.014	1625529.386
651	94+67.02	16.00	211085.751	1625536.147
652	94+97.68	16.00	211093.360	1625565.849

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
653	95+04.68	16.00	211095.097	1625572.630
654	95+30.68	16.00	211101.549	1625597.817
655	95+37.68	16.00	211103.286	1625604.598
656	95+41.68	16.00	211104.278	1625608.473
656a	95+92.59	16.00	211116.910	1625657.790
657	95+99.59	16.00	211118.649	1625664.572
658	96+40.13	16.00	211128.710	1625703.845
659	96+47.13	16.00	211130.447	1625710.626
660	96+65.73	16.00	211135.062	1625728.642
661	96+69.70	16.40	211135.661	1625732.590
662	96+76.18	18.95	211134.799	1625739.501
663	96+80.76	22.80	211132.203	1625744.885
664	96+84.37	28.75	211127.334	1625749.864
665	96+85.73	36.16	211120.494	1625753.019
666	96+85.56	57.20	211100.075	1625758.074
667	96+85.50	64.20	211093.280	1625759.756
668	96+80.50	64.16	211092.078	1625754.903
669	96+80.56	57.16	211098.873	1625753.221
670	96+80.73	36.12	211119.292	1625748.165
670a	96+79.71	30.56	211124.422	1625745.800
670b	96+77.00	26.10	211128.074	1625742.065
670c	96+73.57	23.21	211130.021	1625738.027
670d	96+68.71	21.30	211130.668	1625732.844
671	96+65.73	21.00	211130.218	1625729.883
672	96+47.13	21.00	211125.603	1625711.867
673	96+40.13	21.00	211123.866	1625705.086
674	95+99.59	21.00	211113.806	1625665.813
675	95+92.59	21.00	211112.069	1625659.032
676	95+88.59	21.00	211111.076	1625655.157
677	97+06.27	28.75	211132.769	1625771.082
678	97+09.89	22.80	211139.432	1625773.107
679	97+14.46	18.95	211144.297	1625776.580
680	97+20.94	16.40	211148.376	1625782.225
681	97+24.91	16.00	211149.748	1625785.975
682	97+95.01	16.00	211167.142	1625853.876
683	97+99.01	16.00	211168.135	1625857.751
684	98+06.01	16.00	211169.872	1625864.532

609.237 TERMINAL CURB TYPE 1 - 7 FOOT			
Begin Point	End Point	Radius	Length
214	215	2984.00	7.00
216	217		7.00
219	220		7.00
221	222		7.00
223	224		7.00
225	226		7.00
229	230		7.00
232	233		7.00
237	238		7.00
239	240		7.00
242	242a		7.00
242b	243		7.00
247	248		7.00
261	262		7.00
269	270		7.00
271	272		7.00
273	274		7.00
275	276		7.00
277	278		7.00
283	284		7.00
285	286		7.00
287	288		7.00

609.234 TERMINAL CURB TYPE 1 - 4 FOOT			
Begin Point	End Point	Radius	Length
263	264		4.00
601a	601b		4.00
604	605		4.00



609.237 TERMINAL CURB TYPE 1 - 7 FOOT			
Begin Point	End Point	Radius	Length
585	586	2978.73	7.00
587	588	2978.73	7.00
589	590	3016.00	7.00
591	592	3016.00	7.00
593	594		7.00
595	596		7.00
597	598		7.00
610	611		7.00
612	613		7.00
616	617		7.00
627	628		7.00
635	636		7.00
640	641		7.00
642	643		7.00
644	645		7.00
646	647		7.00
648	649		7.00

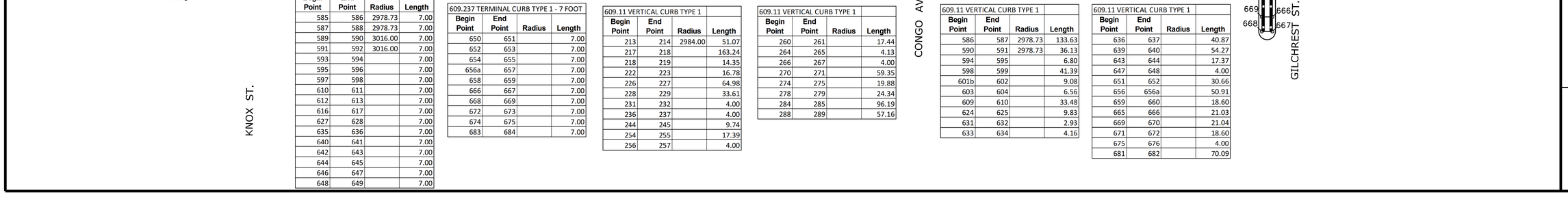
609.237 TERMINAL CURB TYPE 1 - 7 FOOT			
Begin Point	End Point	Radius	Length
650	651		7.00
652	653		7.00
654	655		7.00
656a	657		7.00
658	659		7.00
666	667		7.00
668	669		7.00
672	673		7.00
674	675		7.00
683	684		7.00

609.11 VERTICAL CURB TYPE 1			
Begin Point	End Point	Radius	Length
213	214	2984.00	51.07
217	218		163.24
218	219		14.35
222	223		16.78
226	227		64.98
228	229		33.61
231	232		4.00
236	237		4.00
244	245		9.74
254	255		17.39
256	257		4.00

609.11 VERTICAL CURB TYPE 1			
Begin Point	End Point	Radius	Length
260	261		17.44
264	265		4.13
266	267		4.00
270	271		59.35
274	275		19.88
278	279		24.34
284	285		96.19
288	289		57.16

609.11 VERTICAL CURB TYPE 1			
Begin Point	End Point	Radius	Length
586	587	2978.73	133.63
590	591	2978.73	36.13
594	595		6.80
598	599		41.39
601b	602		9.08
603	604		6.56
609	610		33.48
624	625		9.83
631	632		2.93
633	634		4.16

609.11 VERTICAL CURB TYPE 1			
Begin Point	End Point	Radius	Length
636	637		40.87
639	640		54.27
643	644		17.37
647	648		4.00
651	652		30.66
656	656a		50.91
659	660		18.60
665	666		21.03
669	670		21.04
671	672		18.60
675	676		4.00
681	682		70.09



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

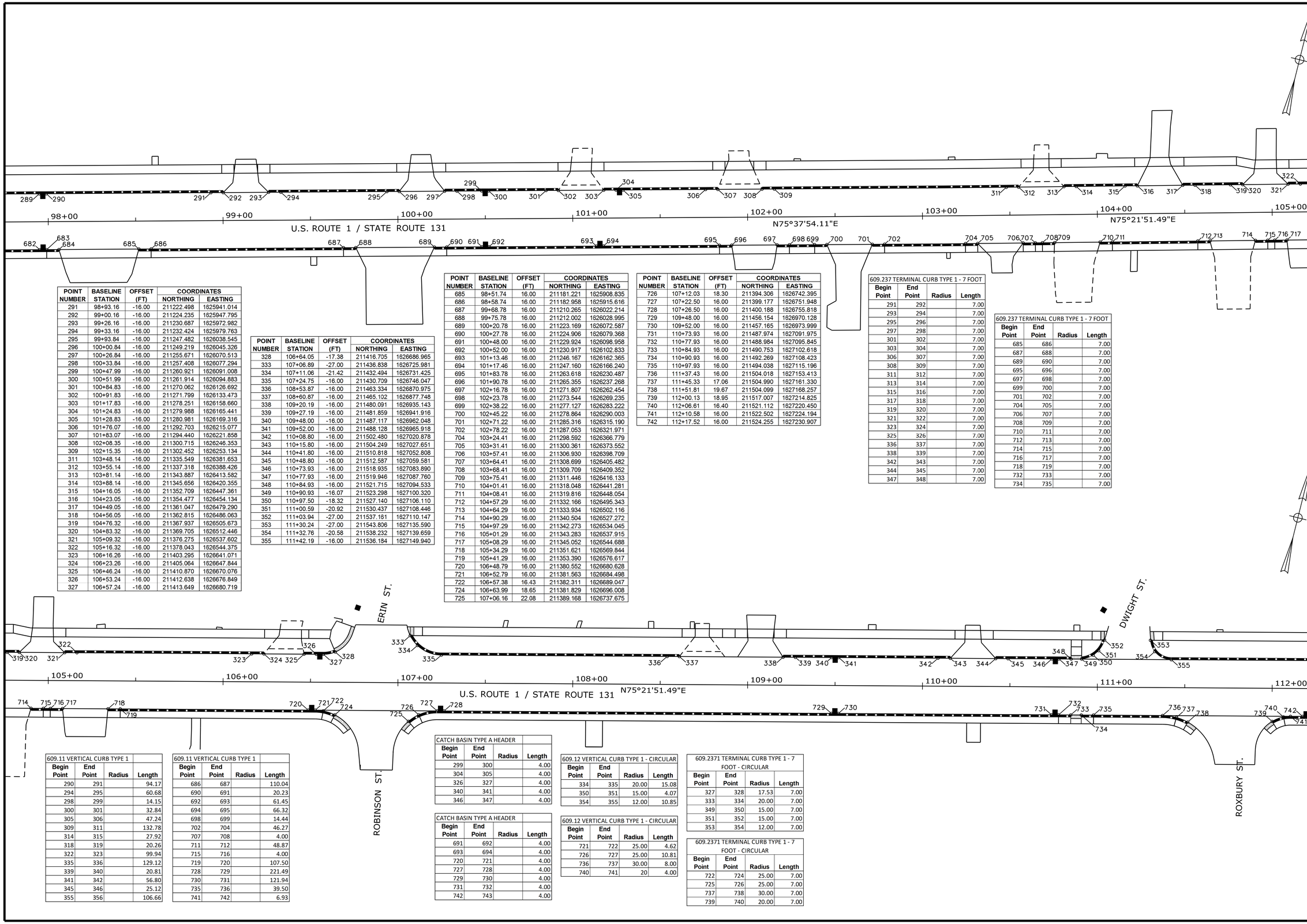
GEOMETRICS & CURB LAYOUT

SHEET NUMBER

44

OF 187

Filename: ...\MSTA\044_Geo & Curb Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
291	98+93.16	-16.00	211222.498	1625941.014
292	99+00.16	-16.00	211224.235	1625947.795
293	99+26.16	-16.00	211230.687	1625972.982
294	99+33.16	-16.00	211232.424	1625979.763
295	99+93.84	-16.00	211247.482	1626038.545
296	100+00.84	-16.00	211249.219	1626045.326
297	100+26.84	-16.00	211255.671	1626070.513
298	100+33.84	-16.00	211257.408	1626077.294
299	100+47.99	-16.00	211260.921	1626091.008
300	100+51.99	-16.00	211261.914	1626094.883
301	100+84.83	-16.00	211270.062	1626126.692
302	100+91.83	-16.00	211271.799	1626133.473
303	101+17.83	-16.00	211278.251	1626158.660
304	101+24.83	-16.00	211279.988	1626165.441
305	101+28.83	-16.00	211280.981	1626169.316
306	101+76.07	-16.00	211292.703	1626215.077
307	101+83.07	-16.00	211294.440	1626221.858
308	102+08.35	-16.00	211300.715	1626246.353
309	102+15.35	-16.00	211302.452	1626253.134
311	103+48.14	-16.00	211335.549	1626381.653
312	103+55.14	-16.00	211337.318	1626388.426
313	103+81.14	-16.00	211343.887	1626413.582
314	103+88.14	-16.00	211345.656	1626420.355
315	104+16.05	-16.00	211352.709	1626447.361
316	104+23.05	-16.00	211354.477	1626454.134
317	104+49.05	-16.00	211361.047	1626479.290
318	104+56.05	-16.00	211362.815	1626486.063
319	104+76.32	-16.00	211367.937	1626505.673
320	104+83.32	-16.00	211369.705	1626512.446
321	105+09.32	-16.00	211376.275	1626537.602
322	105+16.32	-16.00	211378.043	1626544.375
323	106+16.26	-16.00	211403.295	1626641.071
324	106+23.26	-16.00	211405.064	1626647.844
325	106+46.24	-16.00	211410.870	1626670.076
326	106+53.24	-16.00	211412.638	1626676.849
327	106+57.24	-16.00	211413.649	1626680.719

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
328	106+64.05	-17.38	211416.705	1626686.965
333	107+06.89	-27.00	211436.838	1626725.981
334	107+11.06	-21.42	211432.494	1626731.425
335	107+24.75	-16.00	211430.709	1626746.047
336	108+53.87	-16.00	211463.334	1626870.975
337	108+60.87	-16.00	211465.102	1626877.748
338	109+20.19	-16.00	211480.091	1626935.143
339	109+27.19	-16.00	211481.859	1626941.916
340	109+48.00	-16.00	211487.117	1626962.048
341	109+52.00	-16.00	211488.128	1626965.918
342	110+08.80	-16.00	211502.480	1627020.878
343	110+15.80	-16.00	211504.249	1627027.651
344	110+41.80	-16.00	211510.818	1627052.808
345	110+48.80	-16.00	211512.587	1627059.581
346	110+73.93	-16.00	211518.935	1627083.890
347	110+77.93	-16.00	211519.946	1627087.760
348	110+84.93	-16.00	211521.715	1627094.533
349	110+90.93	-16.07	211523.298	1627100.320
350	110+97.50	-18.32	211527.140	1627106.110
351	111+00.59	-20.92	211530.437	1627108.446
352	111+03.94	-27.00	211537.161	1627110.147
353	111+30.24	-27.00	211543.806	1627135.590
354	111+32.76	-20.58	211538.232	1627139.659
355	111+42.19	-16.00	211536.184	1627149.940

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
685	98+51.74	16.00	211181.221	1625908.835
686	98+58.74	16.00	211182.958	1625915.616
687	99+68.78	16.00	211210.265	1626022.214
688	99+75.78	16.00	211212.002	1626028.995
689	100+20.78	16.00	211223.169	1626072.587
690	100+27.78	16.00	211224.906	1626079.368
691	100+48.00	16.00	211229.924	1626098.958
692	100+52.00	16.00	211230.917	1626102.833
693	101+13.46	16.00	211246.167	1626162.365
694	101+17.46	16.00	211247.160	1626166.240
695	101+83.78	16.00	211263.618	1626230.487
696	101+90.78	16.00	211265.355	1626237.268
697	102+16.78	16.00	211271.807	1626262.454
698	102+23.78	16.00	211273.544	1626269.235
699	102+38.22	16.00	211277.127	1626283.222
700	102+45.22	16.00	211278.864	1626290.003
701	102+71.22	16.00	211285.316	1626315.190
702	102+78.22	16.00	211287.053	1626321.971
704	103+24.41	16.00	211298.592	1626366.779
705	103+31.41	16.00	211300.361	1626373.552
706	103+57.41	16.00	211306.930	1626398.709
707	103+64.41	16.00	211308.699	1626405.482
708	103+68.41	16.00	211309.709	1626409.352
709	103+75.41	16.00	211311.446	1626416.133
710	104+01.41	16.00	211318.048	1626441.281
711	104+08.41	16.00	211319.816	1626448.054
712	104+57.29	16.00	211332.166	1626495.343
713	104+64.29	16.00	211333.934	1626502.116
714	104+90.29	16.00	211340.504	1626527.272
715	104+97.29	16.00	211342.273	1626534.045
716	105+01.29	16.00	211343.283	1626537.915
717	105+08.29	16.00	211345.052	1626544.688
718	105+34.29	16.00	211351.621	1626569.844
719	105+41.29	16.00	211353.390	1626576.617
720	106+48.79	16.00	211380.552	1626680.628
721	106+52.79	16.00	211381.563	1626684.498
722	106+57.38	16.43	211382.311	1626689.047
724	106+63.99	18.65	211381.829	1626696.008
725	107+06.16	22.08	211389.168	1626737.675

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
726	107+12.03	18.30	211394.306	1626742.395
727	107+22.50	16.00	211399.177	1626751.948
728	107+26.50	16.00	211400.188	1626755.818
729	109+48.00	16.00	211456.154	1626970.128
730	109+52.00	16.00	211457.165	1626973.999
731	110+73.93	16.00	211487.974	1627091.975
732	110+77.93	16.00	211488.984	1627095.845
733	110+84.93	16.00	211490.753	1627102.618
734	110+90.93	16.00	211492.269	1627108.423
735	110+97.93	16.00	211494.038	1627115.196
736	111+37.43	16.00	211504.018	1627153.413
737	111+45.33	17.06	211504.990	1627161.330
738	111+51.81	19.67	211504.099	1627168.257
739	112+00.13	18.95	211517.007	1627214.825
740	112+06.61	16.40	211521.112	1627220.450
741	112+10.58	16.00	211522.502	1627224.194
742	112+17.52	16.00	211524.255	1627230.907

609.237 TERMINAL CURB TYPE 1 - 7 FOOT

Begin Point	End Point	Radius	Length
291	292		7.00
293	294		7.00
295	296		7.00
297	298		7.00
301	302		7.00
303	304		7.00
306	307		7.00
308	309		7.00
311	312		7.00
313	314		7.00
315	316		7.00
317	318		7.00
319	320		7.00
321	322		7.00
323	324		7.00
325	326		7.00
336	337		7.00
338	339		7.00
342	343		7.00
344	345		7.00
347	348		7.00

609.237 TERMINAL CURB TYPE 1 - 7 FOOT

Begin Point	End Point	Radius	Length
685	686		7.00
687	688		7.00
689	690		7.00
695	696		7.00
697	698		7.00
699	700		7.00
701	702		7.00
704	705		7.00
706	707		7.00
708	709		7.00
710	711		7.00
712	713		7.00
714	715		7.00
716	717		7.00
718	719		7.00
732	733		7.00
734	735		7.00

609.11 VERTICAL CURB TYPE 1

Begin Point	End Point	Radius	Length
290	291		94.17
294	295		60.68
298	299		14.15
300	301		32.84
305	306		47.24
309	311		132.78
314	315		27.92
318	319		20.26
322	323		99.94
335	336		129.12
339	340		20.81
341	342		56.80
345	346		25.12
355	356		106.66

609.11 VERTICAL CURB TYPE 1

Begin Point	End Point	Radius	Length
686	687		110.04
690	691		20.23
692	693		61.45
694	695		66.32
698	699		14.44
702	704		46.27
707	708		4.00
711	712		48.87
715	716		4.00
719	720		107.50
728	729		221.49
730	731		121.94
735	736		39.50
741	742		6.93

CATCH BASIN TYPE A HEADER

Begin Point	End Point	Radius	Length
299	300		4.00
304	305		4.00
326	327		4.00
340	341		4.00
346	347		4.00

CATCH BASIN TYPE A HEADER

Begin Point	End Point	Radius	Length
691	692		4.00
693	694		4.00
720	721		4.00
727	728		4.00
729	730		4.00
731	732		4.00
742	743		4.00

609.12 VERTICAL CURB TYPE 1 - CIRCULAR

Begin Point	End Point	Radius	Length
334	335	20.00	15.08
350	351	15.00	4.07
354	355	12.00	10.85

609.12 VERTICAL CURB TYPE 1 - CIRCULAR

Begin Point	End Point	Radius	Length
721	722	25.00	4.62
726	727	25.00	10.81
736	737	30.00	8.00
740	741	20	4.00

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR

Begin Point	End Point	Radius	Length
327	328	17.53	7.00
333	334	20.00	7.00
349	350	15.00	7.00
351	352	15.00	7.00
353	354	12.00	7.00

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR

Begin Point	End Point	Radius	Length
722	724	25.00	7.00
725	726	25.00	7.00
737	738	30.00	7.00
739	740	20.00	7.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	C.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			10\1\15
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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THOMASTON
U.S. ROUTE 1

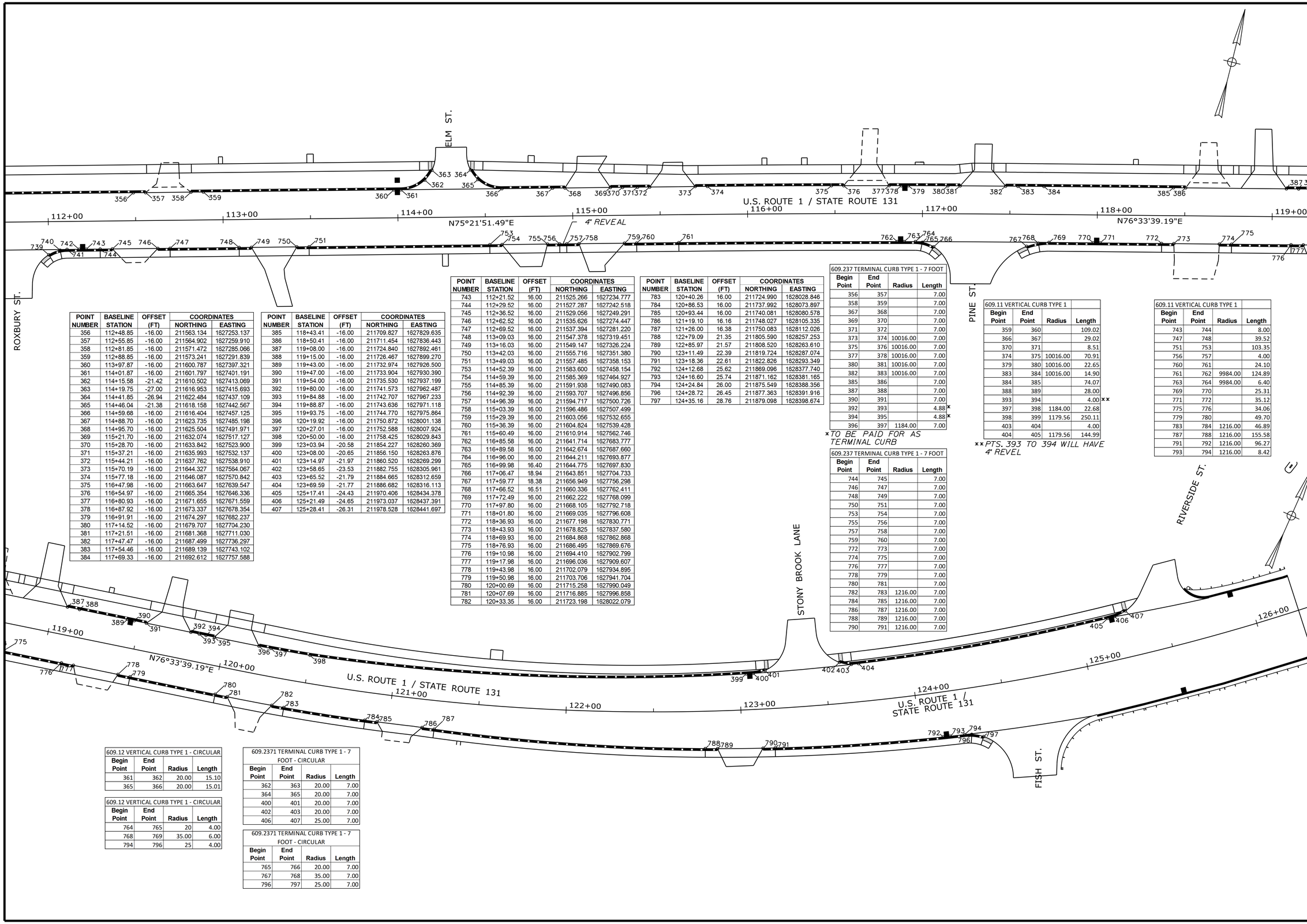
GEOMETRICS & CURB LAYOUT

SHEET NUMBER

45

OF 187

Filename: ...\MSTA\045_Geo & Curb Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
356	112+48.85	-16.00	211563.134	1627253.137
357	112+55.85	-16.00	211564.902	1627259.910
358	112+81.85	-16.00	211571.472	1627285.066
359	112+88.85	-16.00	211573.241	1627291.839
360	113+97.87	-16.00	211600.787	1627397.321
361	114+01.87	-16.00	211601.797	1627401.191
362	114+15.58	-21.42	211610.502	1627413.069
363	114+19.75	-27.00	211616.953	1627415.693
364	114+41.85	-26.94	211622.484	1627437.109
365	114+46.04	-21.38	211618.158	1627442.567
366	114+59.68	-16.00	211616.404	1627457.125
367	114+88.70	-16.00	211623.735	1627485.198
368	114+95.70	-16.00	211625.504	1627491.971
369	115+21.70	-16.00	211632.074	1627517.127
370	115+28.70	-16.00	211633.842	1627523.900
371	115+37.21	-16.00	211635.993	1627532.137
372	115+44.21	-16.00	211637.762	1627538.910
373	115+70.19	-16.00	211644.327	1627564.067
374	115+77.18	-16.00	211646.087	1627570.842
375	116+47.98	-16.00	211663.647	1627639.547
376	116+54.97	-16.00	211665.354	1627646.336
377	116+80.93	-16.00	211671.655	1627671.559
378	116+87.92	-16.00	211673.337	1627678.354
379	116+91.91	-16.00	211674.297	1627682.237
380	117+14.52	-16.00	211679.707	1627704.230
381	117+21.51	-16.00	211681.368	1627711.030
382	117+47.47	-16.00	211687.499	1627736.297
383	117+54.46	-16.00	211689.139	1627743.102
384	117+69.33	-16.00	211692.612	1627757.588

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
385	118+43.41	-16.00	211709.827	1627829.635
386	118+50.41	-16.00	211711.454	1627836.443
387	119+08.00	-16.00	211724.840	1627892.461
388	119+15.00	-16.00	211726.467	1627899.270
389	119+43.00	-16.00	211732.974	1627926.500
390	119+47.00	-16.00	211733.904	1627930.390
391	119+54.00	-16.00	211735.530	1627937.199
392	119+80.00	-16.00	211741.573	1627962.487
393	119+84.88	-16.00	211742.707	1627967.233
394	119+88.87	-16.00	211743.636	1627971.118
395	119+93.75	-16.00	211744.770	1627975.864
396	120+19.92	-16.00	211750.872	1628001.138
397	120+27.01	-16.00	211752.588	1628007.924
398	120+50.00	-16.00	211758.425	1628029.843
399	123+03.94	-20.58	211854.227	1628260.369
400	123+08.00	-20.65	211856.150	1628263.876
401	123+14.97	-21.97	211860.520	1628269.299
402	123+58.65	-23.53	211882.755	1628305.961
403	123+65.52	-21.79	211884.665	1628312.659
404	123+69.59	-21.77	211886.682	1628316.113
405	125+17.41	-24.43	211970.406	1628434.378
406	125+21.49	-24.65	211973.037	1628437.391
407	125+28.41	-26.31	211978.528	1628441.697

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
743	112+21.52	16.00	211525.266	1627234.777
744	112+29.52	16.00	211527.287	1627242.518
745	112+36.52	16.00	211529.056	1627249.291
746	112+62.52	16.00	211535.626	1627274.447
747	112+69.52	16.00	211537.394	1627281.220
748	113+09.03	16.00	211547.378	1627319.451
749	113+16.03	16.00	211549.147	1627326.224
750	113+42.03	16.00	211555.716	1627351.380
751	113+49.03	16.00	211557.485	1627358.153
753	114+52.39	16.00	211583.600	1627458.154
754	114+59.39	16.00	211585.369	1627464.927
755	114+85.39	16.00	211591.938	1627490.083
756	114+92.39	16.00	211593.707	1627496.856
757	114+96.39	16.00	211594.717	1627500.726
758	115+03.39	16.00	211596.486	1627507.499
759	115+29.39	16.00	211603.056	1627532.655
760	115+36.39	16.00	211604.824	1627539.428
761	115+60.49	16.00	211610.914	1627562.746
762	116+85.58	16.00	211641.714	1627683.777
763	116+89.58	16.00	211642.674	1627687.660
764	116+96.00	16.00	211644.211	1627693.877
765	116+99.98	16.40	211644.775	1627697.830
766	117+06.47	18.94	211643.851	1627704.733
767	117+59.77	18.38	211656.949	1627756.298
768	117+66.52	16.51	211660.336	1627762.411
769	117+72.49	16.00	211662.222	1627768.099
770	117+97.80	16.00	211668.105	1627792.718
771	118+01.80	16.00	211669.035	1627796.608
772	118+36.93	16.00	211677.198	1627830.771
773	118+43.93	16.00	211678.825	1627837.580
774	118+69.93	16.00	211684.868	1627862.868
775	118+76.93	16.00	211686.495	1627869.676
776	119+10.98	16.00	211694.410	1627902.799
777	119+17.98	16.00	211696.036	1627909.607
778	119+43.98	16.00	211702.079	1627934.895
779	119+50.98	16.00	211703.706	1627941.704
780	120+00.69	16.00	211715.258	1627990.049
781	120+07.69	16.00	211716.885	1627996.858
782	120+33.35	16.00	211723.198	1628022.079

POINT NUMBER	BASELINE STATION	OFFSET (FT)	COORDINATES NORTHING	COORDINATES EASTING
783	120+40.26	16.00	211724.990	1628028.846
784	120+86.53	16.00	211737.992	1628073.897
785	120+93.44	16.00	211740.081	1628080.578
786	121+19.10	16.16	211748.027	1628105.335
787	121+26.00	16.38	211750.083	1628112.026
788	122+79.09	21.35	211805.590	1628257.253
789	122+85.97	21.57	211808.520	1628263.610
790	123+11.49	22.39	211819.724	1628287.074
791	123+18.36	22.61	211822.826	1628293.349
792	124+12.68	25.62	211869.096	1628377.740
793	124+16.60	25.74	211871.162	1628381.165
794	124+24.84	26.00	211875.549	1628388.356
796	124+28.72	26.45	211877.363	1628391.916
797	124+35.16	28.76	211879.098	1628398.674

609.237 TERMINAL CURB TYPE 1 - 7 FOOT

Begin Point	End Point	Radius	Length
356	357		7.00
358	359		7.00
367	368		7.00
369	370		7.00
371	372		7.00
373	374	10016.00	7.00
375	376	10016.00	7.00
377	378	10016.00	7.00
380	381	10016.00	7.00
382	383	10016.00	7.00
385	386		7.00
387	388		7.00
390	391		7.00
392	393		4.88 *
394	395		4.88 *
396	397	1184.00	7.00

*TO BE PAID FOR AS TERMINAL CURB

609.237 TERMINAL CURB TYPE 1 - 7 FOOT

Begin Point	End Point	Radius	Length
744	745		7.00
746	747		7.00
748	749		7.00
750	751		7.00
753	754		7.00
755	756		7.00
757	758		7.00
759	760		7.00
772	773		7.00
774	775		7.00
776	777		7.00
778	779		7.00
780	781		7.00
782	783	1216.00	7.00
784	785	1216.00	7.00
786	787	1216.00	7.00
788	789	1216.00	7.00
790	791	1216.00	7.00

609.11 VERTICAL CURB TYPE 1

Begin Point	End Point	Radius	Length
359	360		109.02
366	367		29.02
370	371		8.51
374	375	10016.00	70.91
379	380	10016.00	22.65
383	384	10016.00	14.90
384	385		74.07
388	389		28.00
393	394		4.00 **
397	398	1184.00	22.68
398	399	1179.56	250.11
403	404		4.00
404	405	1179.56	144.99

**PTS. 393 TO 394 WILL HAVE 4" REVEL

609.11 VERTICAL CURB TYPE 1

Begin Point	End Point	Radius	Length
743	744		8.00
747	748		39.52
751	753		103.35
756	757		4.00
760	761		24.10
761	762	9984.00	124.89
763	764	9984.00	6.40
769	770		25.31
771	772		35.12
775	776		34.06
779	780		49.70
783	784	1216.00	46.89
787	788	1216.00	155.58
791	792	1216.00	96.27
793	794	1216.00	8.42

609.12 VERTICAL CURB TYPE 1 - CIRCULAR

Begin Point	End Point	Radius	Length
361	362	20.00	15.10
365	366	20.00	15.01

609.12 VERTICAL CURB TYPE 1 - CIRCULAR

Begin Point	End Point	Radius	Length
764	765	20	4.00
768	769	35.00	6.00
794	796	25	4.00

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR

Begin Point	End Point	Radius	Length
362	363	20.00	7.00
364	365	20.00	7.00
400	401	20.00	7.00
402	403	20.00	7.00
406	407	25.00	7.00

609.2371 TERMINAL CURB TYPE 1 - 7 FOOT - CIRCULAR

Begin Point	End Point	Radius	Length
765	766	20.00	7.00
767	768	35.00	7.00
796	797	25.00	7.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
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DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON U.S. ROUTE 1

GEOMETRICS & CURB LAYOUT

SHEET NUMBER

46

OF 187

Filename: ...\MSTA\046_Geo & Curb Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015

LEGEND

SWL	SOILD WHITE LINE (4")
SYL	SOLID YELLOW LINE (4")
DYL	DOUBLE YELLOW LINE (4")
BWL	BROKEN WHITE LINE (4")
DL	DOTTED WHITE LINE (4") (2' LINE & 6' GAP)
CW	CROSS WALK
SL	STOP LINE (24")
SWCH	SOLID WHITE CHANNELIZATION LINE (12")

SHARED STRAIGHT & LEFT ARROW PAVEMENT MARKING

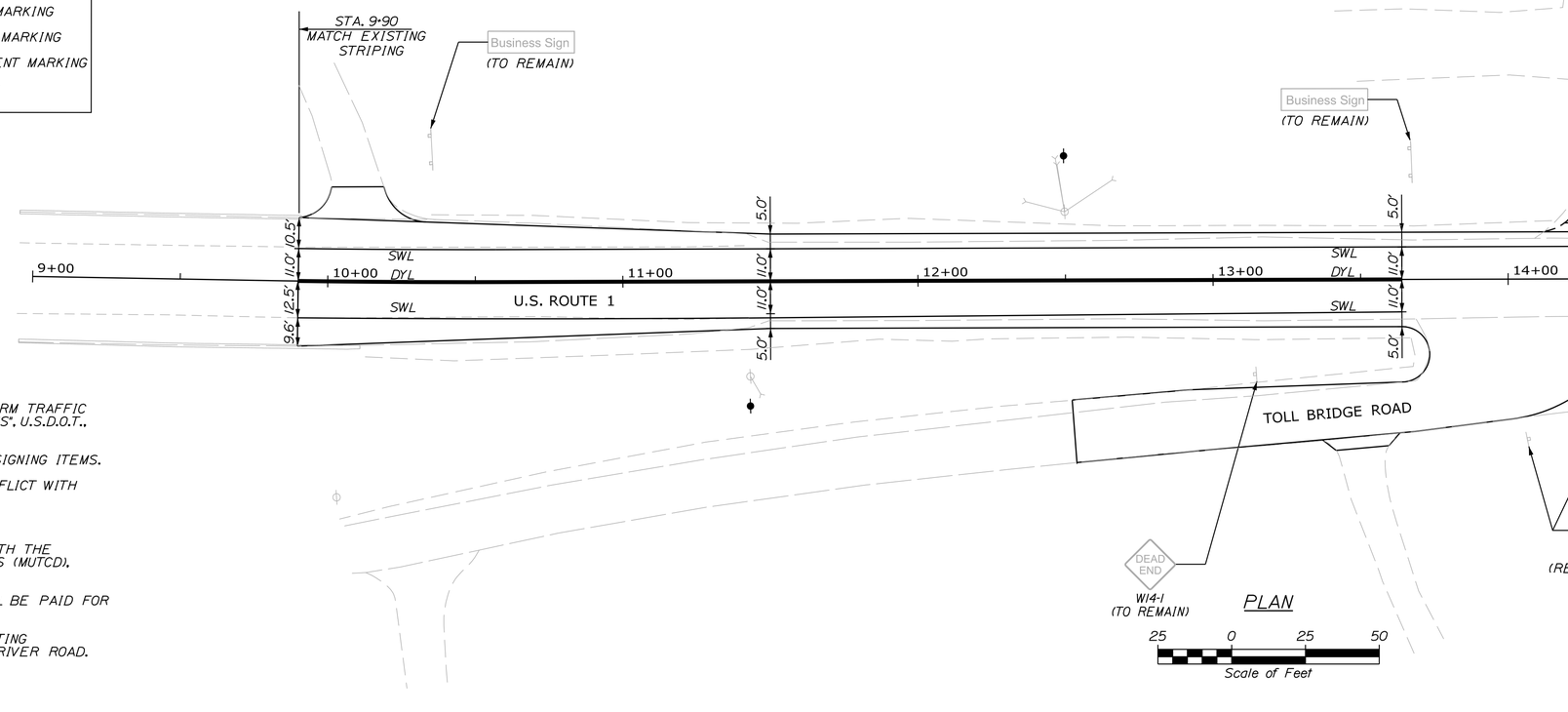
LEFT ARROW PAVEMENT MARKING

RIGHT ARROW PAVEMENT MARKING

STRAIGHT ARROW PAVEMENT MARKING

ONLY "ONLY" PAVEMENT MARKING

CROSS WALK DETAIL
NOT TO SCALE



PLAN

25 0 25 50
Scale of Feet

NOTES:

1. ALL WORK TO CONFORM TO MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIGES AND STANDARD DETAILS.
2. ALL PROPOSED WORK SHALL BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND "STANDARD HIGHWAY SIGNS". U.S.D.O.T., F.H.W.A. LATEST EDITION.
3. PAYMENT FOR REMOVAL OF EXISTING SIGNS SHALL BE INCIDENTAL TO OTHER SIGNING ITEMS.
4. THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS (INCIDENTAL TO THE CONTRACT).
5. SEE SIGNAL PLANS FOR OVERHEAD LAME USE SIGNS.
6. PROPOSED SIGN LOCATIONS, OFFSET AND HEIGHT SHALL BE IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), LATEST EDITION.
7. THE REMOVAL AND RESETTING OF CONCRETE POSTS WITH STREET NAME SHALL BE PAID FOR UNDER ITEMS 645.108 DEMOUNT POLE AND 645.118 REINSTALL POLE.
8. THE DOUBLE YELLOW LINE TO ALLOW PASSING ZONES SHALL MATCH THE EXISTING CONDITIONS FROM THE STRIPING OF BEGINNING OF THE PROJECT TO OYSTER RIVER ROAD.

MUTCD NUMBER	SIZE OF SIGN		TEXT	COLOR		TOTAL AREA IN SQ. FEET	NUMBER OF SIGNS REQUIRED
	WIDTH	HEIGHT		BACK-GROUND	LEGEND BORDER		
R1-1	30"	30"	STOP	RED	WHITE	6.25	4
R3-7R	30"	30"	RIGHT LANE MUST TURN RIGHT	WHITE	BLACK	6.25	1
R10-7	24"	30"	DO NOT BLOCK DRIVEWAY	WHITE	BLACK	5.00	1
R10-11A	24"	30"	NO TURN ON RED	WHITE	BLACK	5.00	3

MUTCD NUMBER	SIZE OF SIGN		TEXT	COLOR		TOTAL AREA IN SQ. FEET	NUMBER OF SIGNS REQUIRED
	WIDTH	HEIGHT		BACK-GROUND	LEGEND BORDER		
W11-2	30"	30"		YELLOW	BLACK	6.25	20
W16-7P	24"	12"		YELLOW	BLACK	2.00	22
R10-6	24"	36"	STOP HERE ON RED	WHITE	BLACK	7.50	1
R10-3b	9"	12"		WHITE	BLACK	0.75	6

NOTES:

1. SIGN R10-3B WILL ACCOMPANY ALL PEDESTRIAN PUSH BUTTONS WITH APPROPRIATE LEFT OR RIGHT ARROW.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
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DESIGN-DETAILED	T.LUTHER	10/1/15
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	I.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

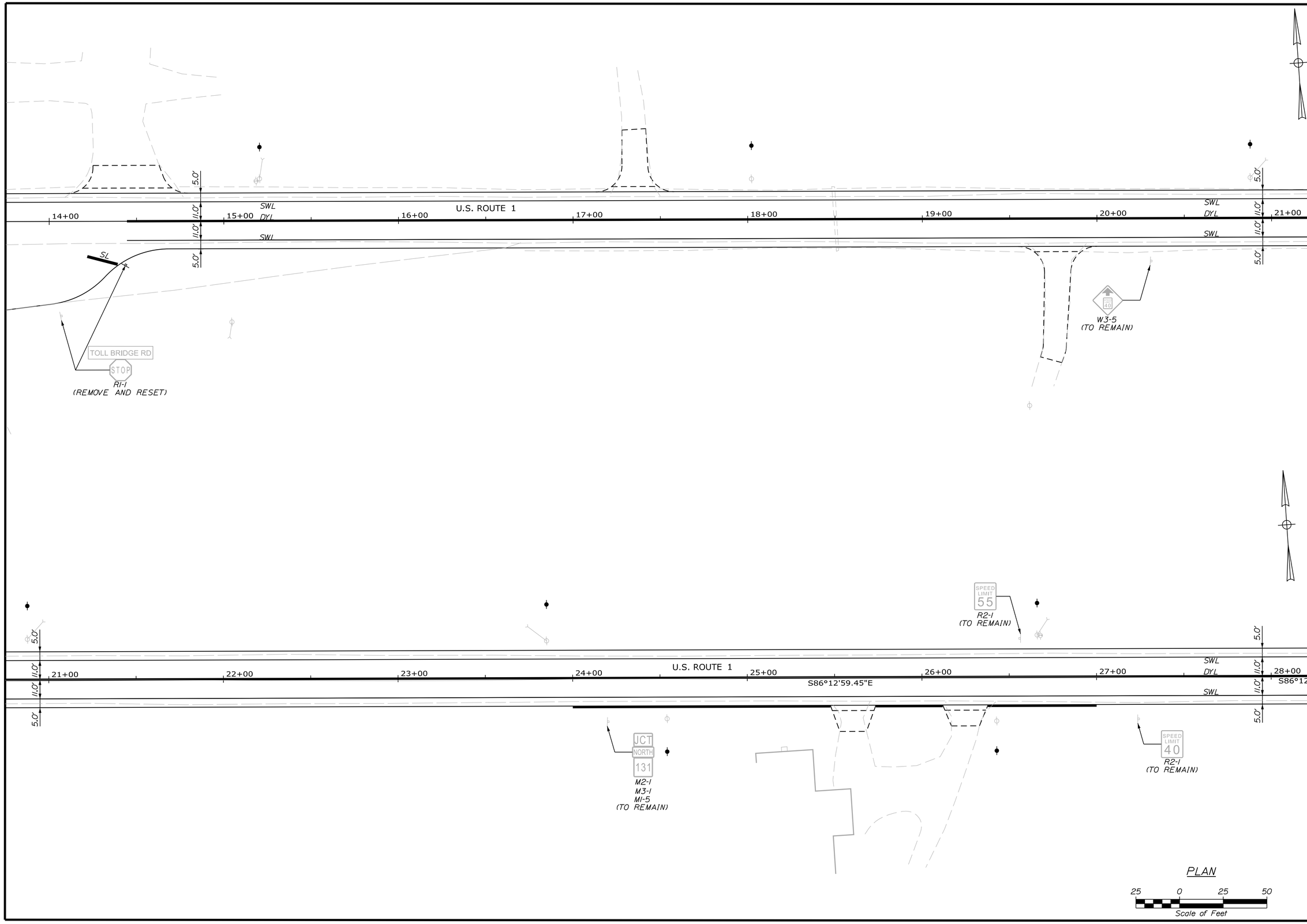
SIGNING & STRIPING PLANS

SHEET NUMBER

47

OF 187

Filename: ...\047_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
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FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

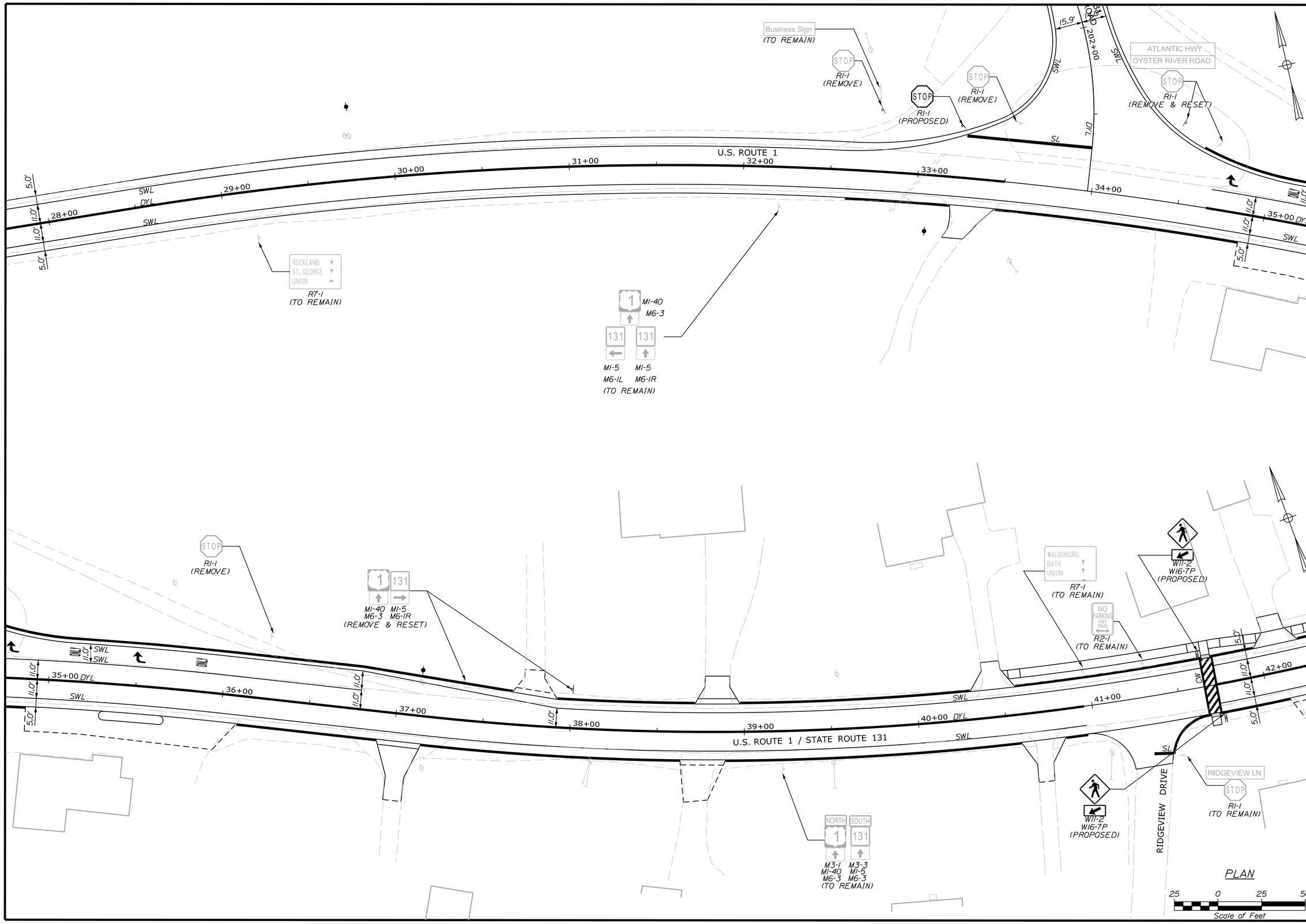
SIGNING & STRIPING PLANS

SHEET NUMBER

48

OF 187

Filename: ...\048_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER	BY	DATE
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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DATE

THOMASTON
U.S. ROUTE 1

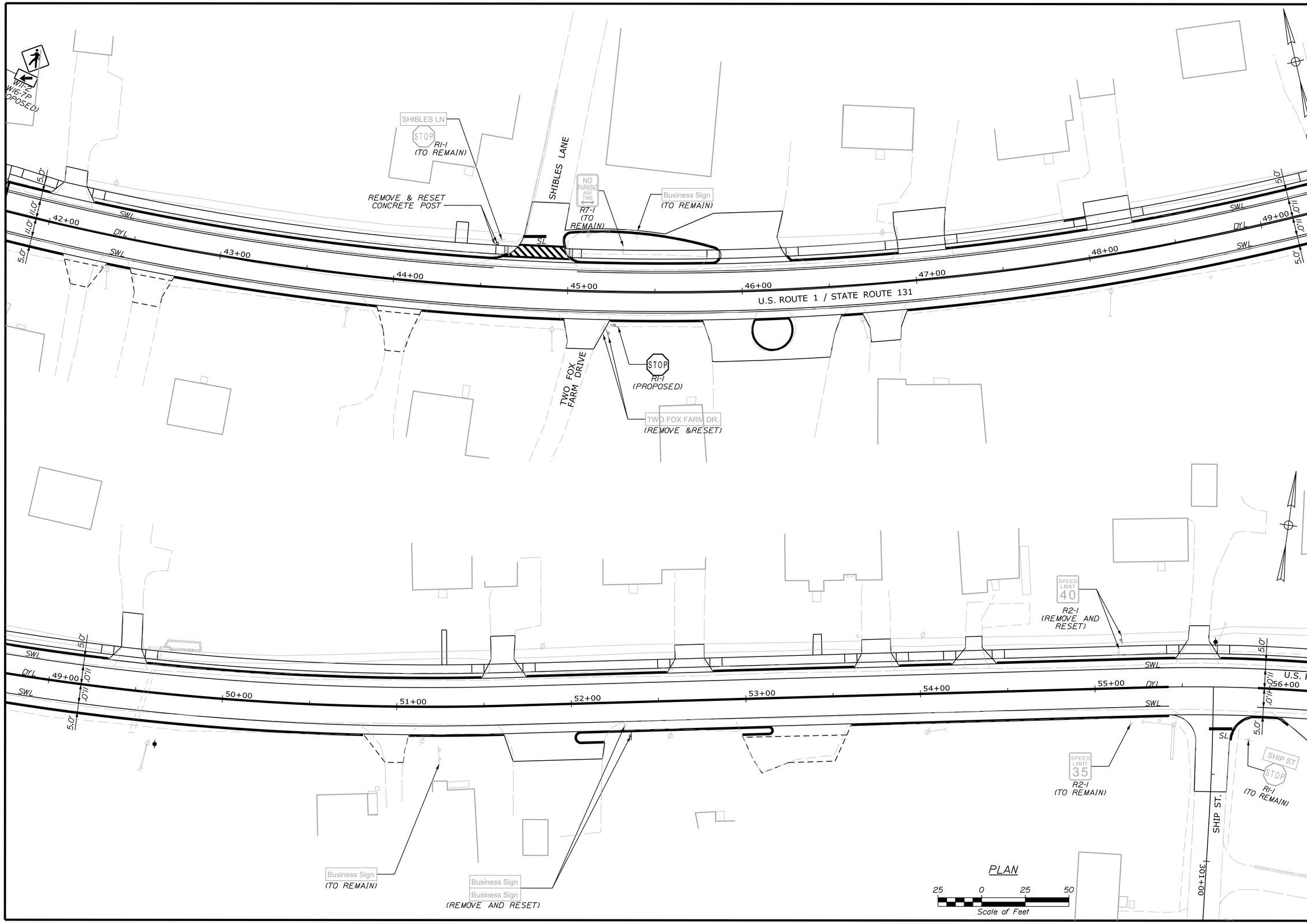
SIGNING & STRIPING PLANS

SHEET NUMBER

49

OF 187

Filename: ...\049_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

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FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

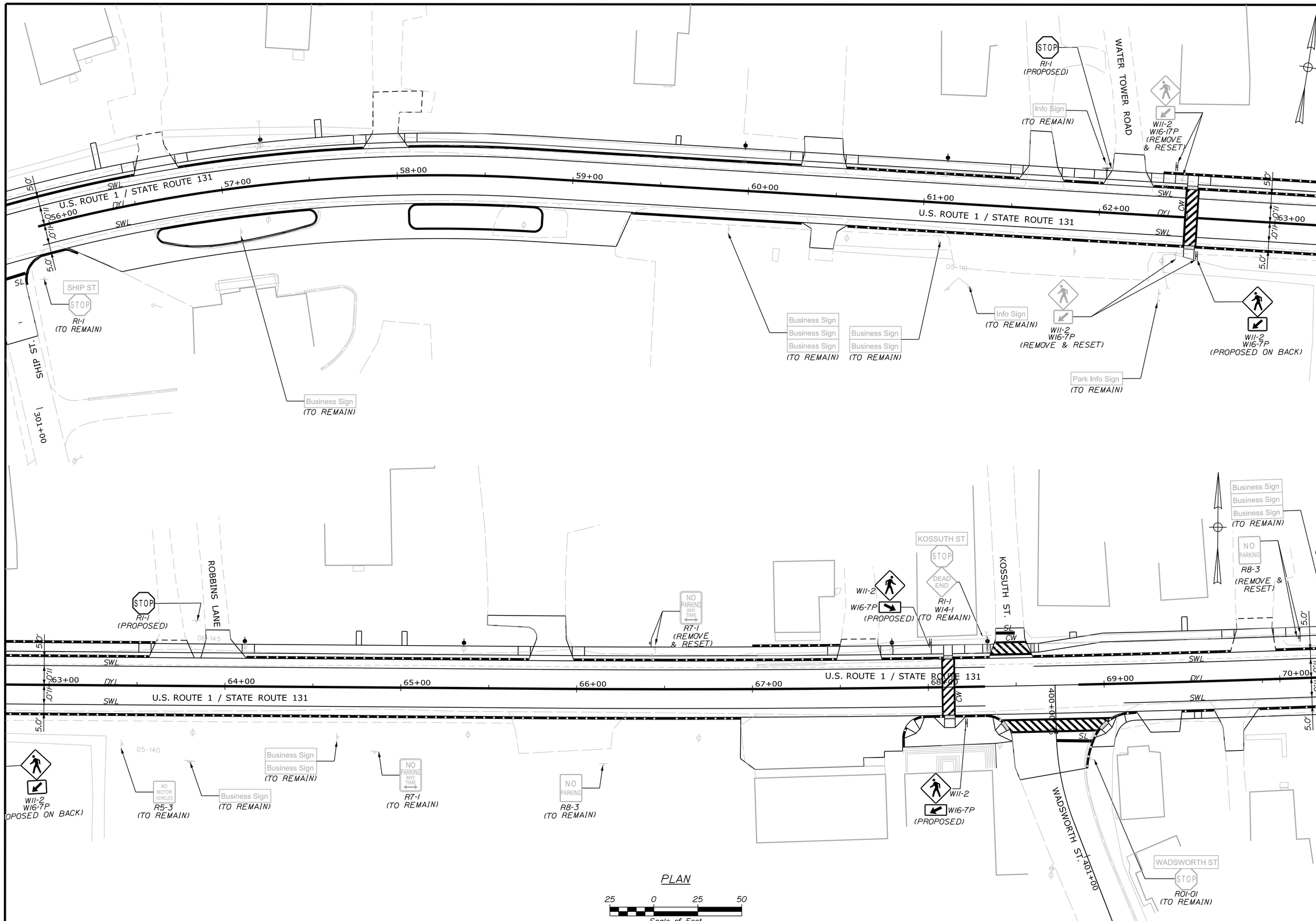
SIGNING & STRIPING PLANS

SHEET NUMBER

50

OF 187

Filename: ...\050_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	C.SANTY	10\1\15
DESIGN2-DETAILED2	J.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

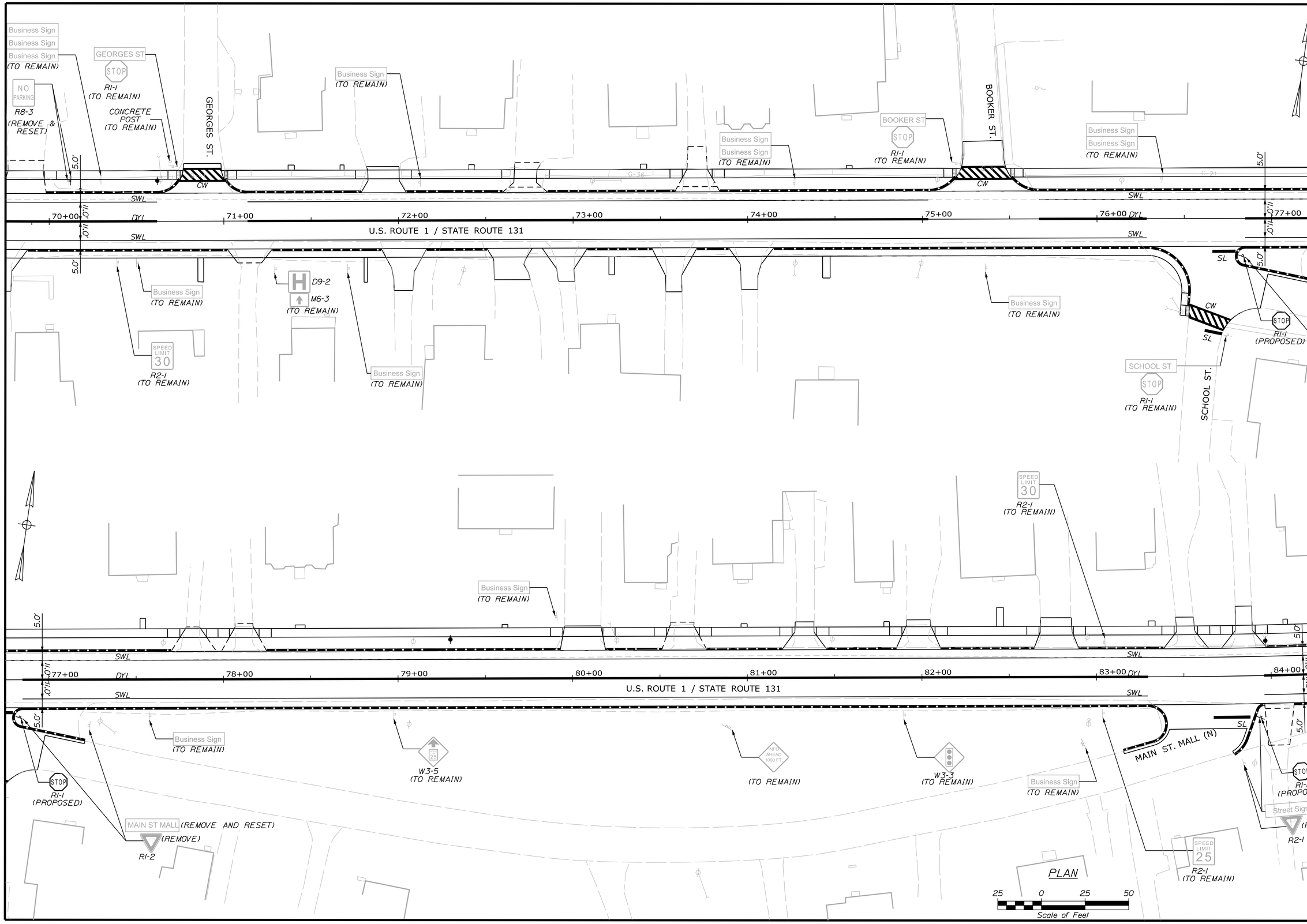
SIGNING & STRIPING PLANS

SHEET NUMBER

51

OF 187

Filename: ...\051_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		00/00/15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
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FIELD CHANGES			

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THOMASTON
U.S. ROUTE 1

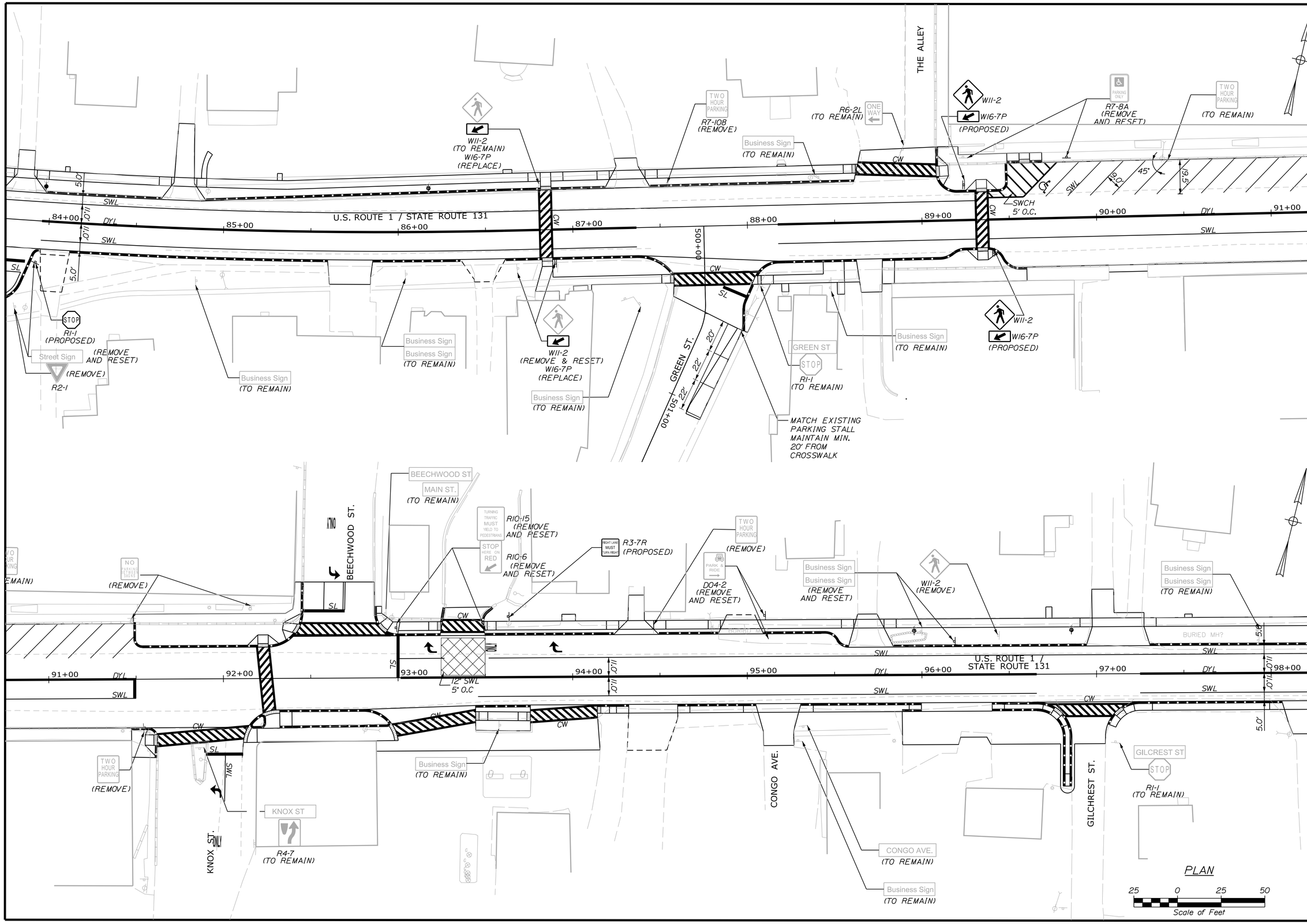
SIGNING & STRIPING PLANS

SHEET NUMBER

52

OF 187

Filename: ...\052_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
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THOMASTON
U.S. ROUTE 1

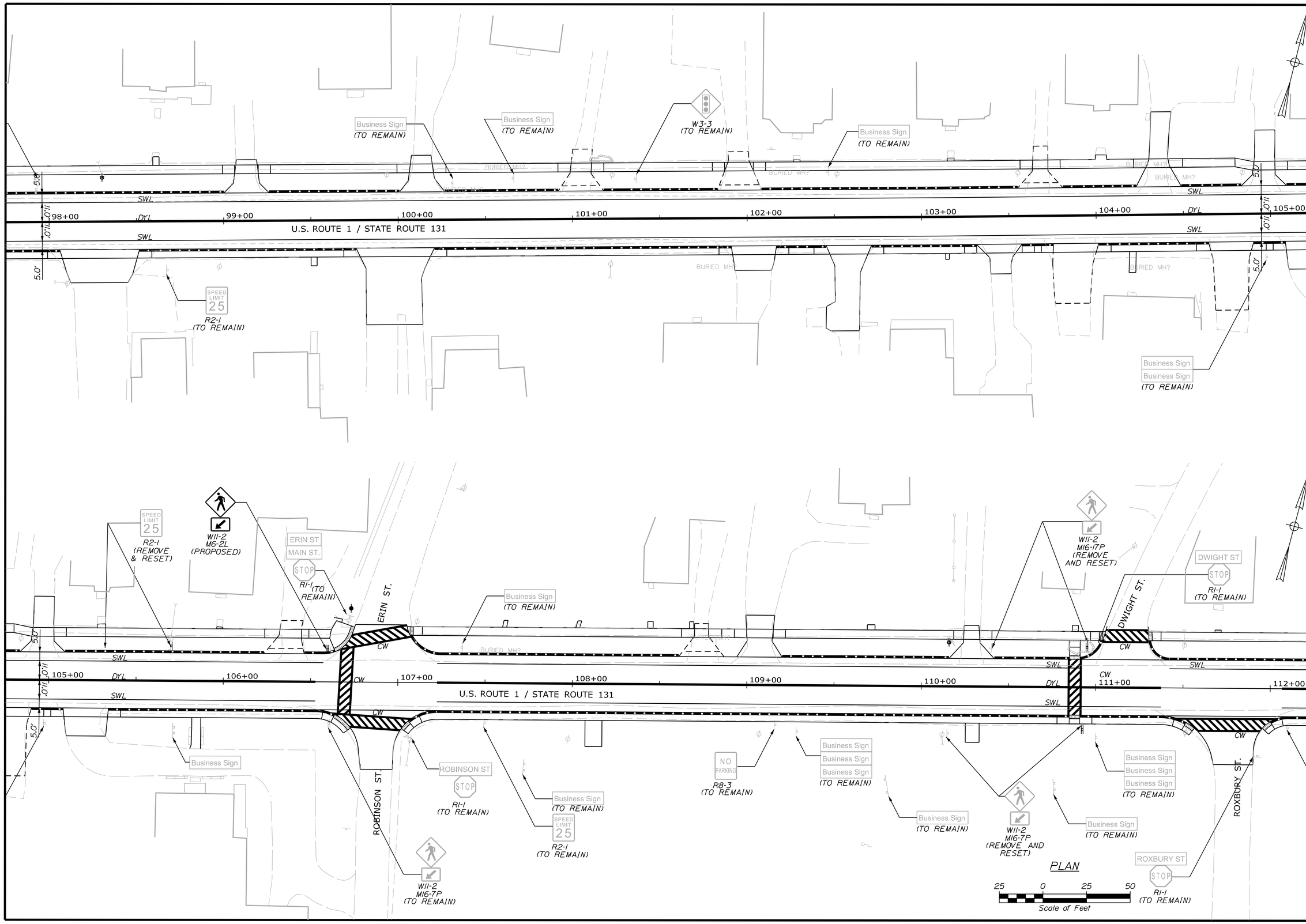
SIGNING & STRIPING PLANS

SHEET NUMBER

53

OF 187

Filename: ...\053_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN			
DESIGN-DETAILED	T.LUTHER	BY	DATE	
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FIELD CHANGES				

SIGNATURE

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THOMASTON
U.S. ROUTE 1

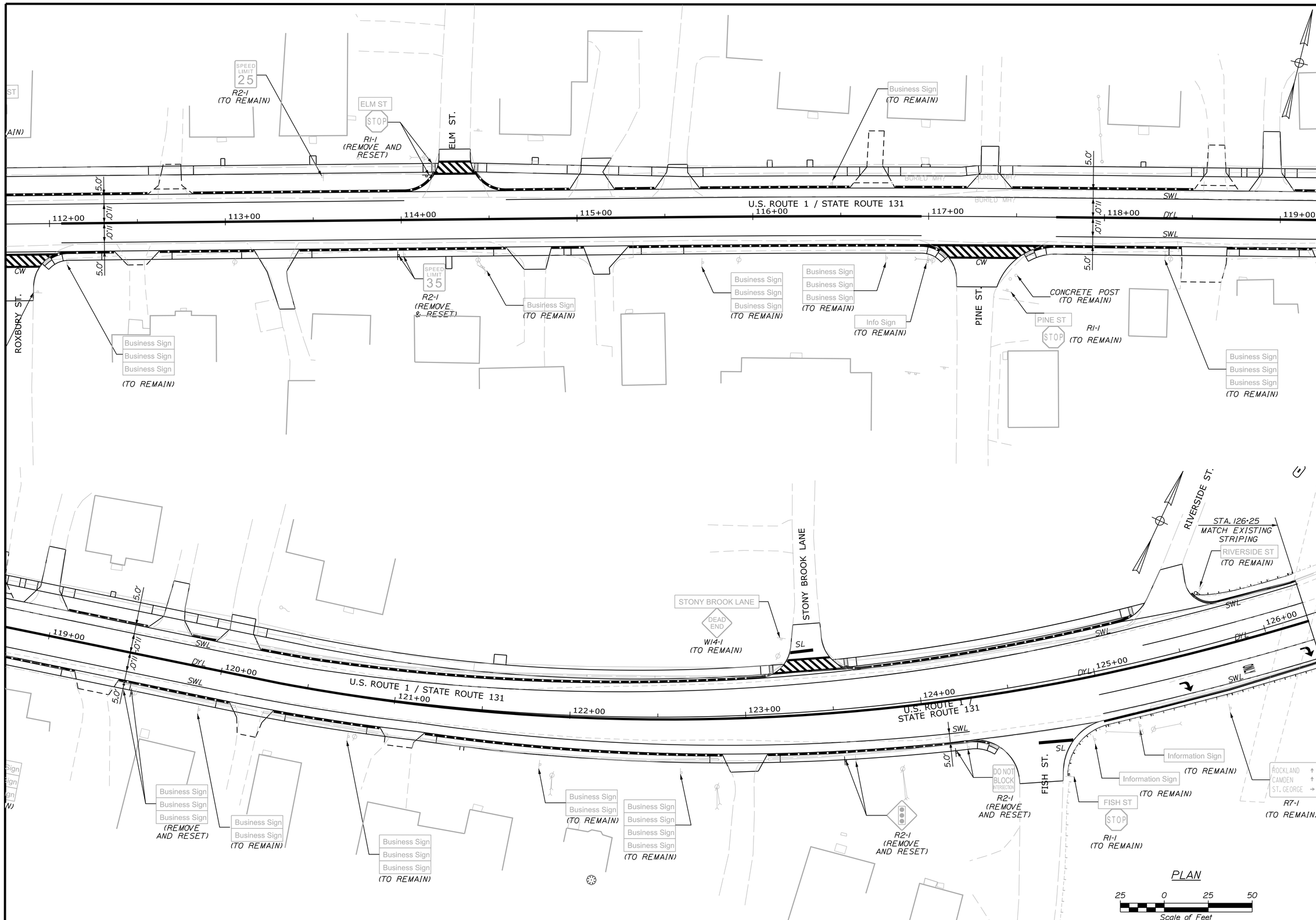
SIGNING & STRIPING PLANS

SHEET NUMBER

54

OF 187

Filename: ...\054_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
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REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

	BY	DATE
		10/1/15

SIGNATURE

P.E. NUMBER

DATE

THOMASTON U.S. ROUTE 1

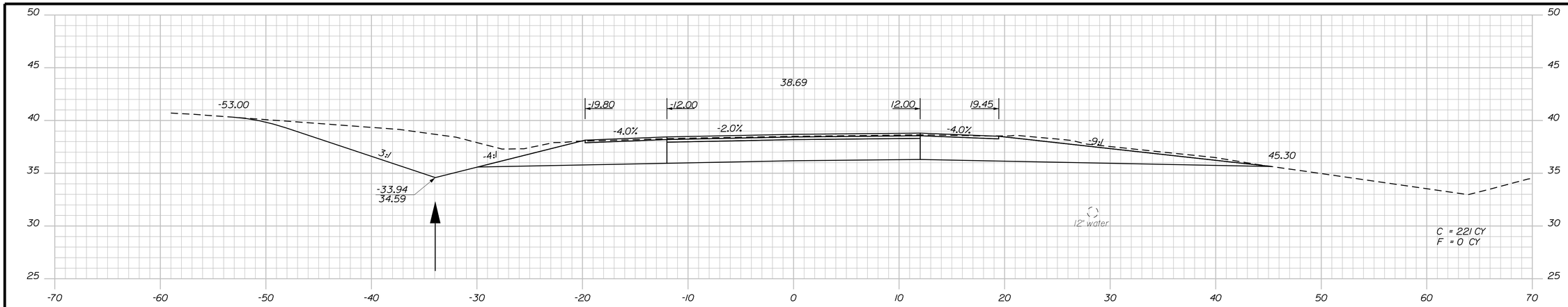
SIGNING & STRIPING PLANS

SHEET NUMBER

55

OF 187

Filename: ...\055_Sign & Striping Layout.dgn Division: HIGHWAY Username: common Date:10/28/2015



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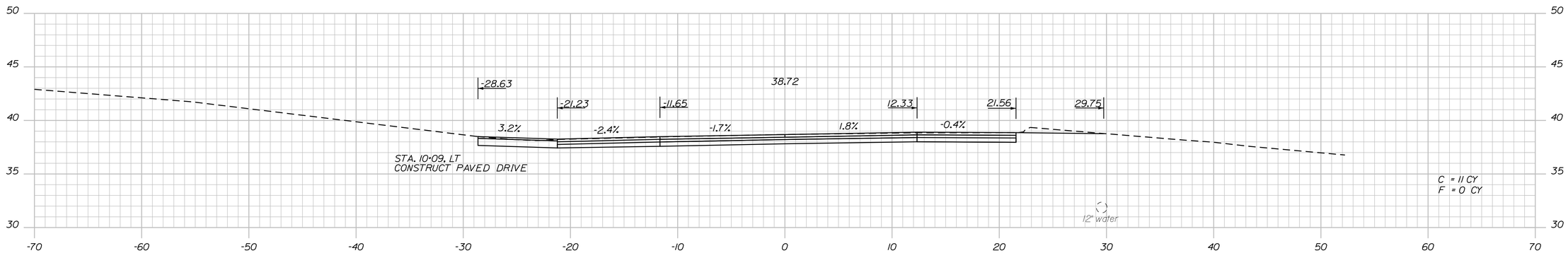

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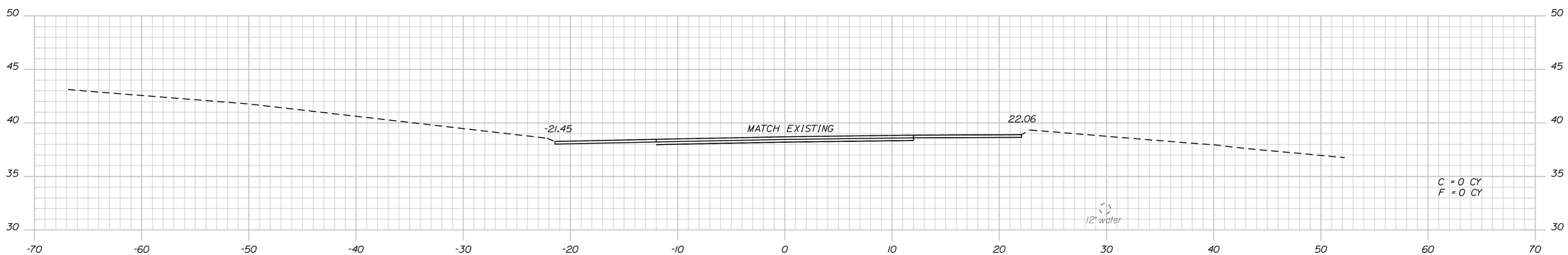


9+90.00

STA. 9+90.00
LIMIT OF WORK
MATCH EXISTING PAVEMENT
BEGIN SUBBASE TRANSITION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

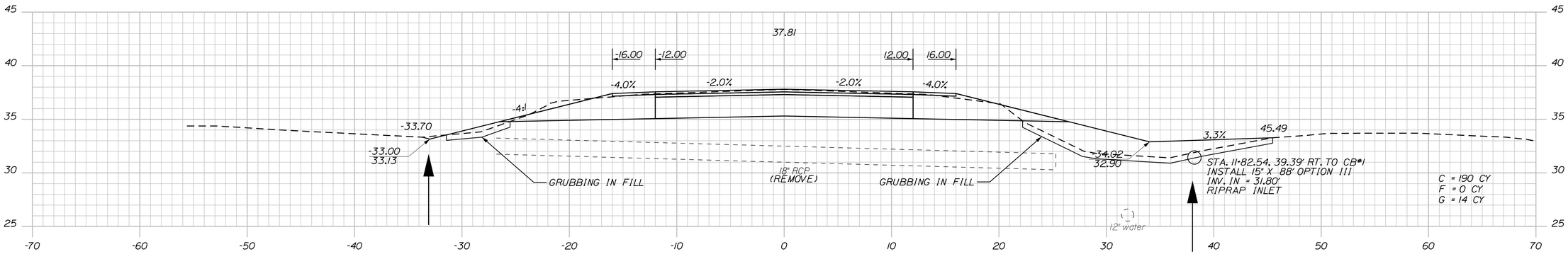
CROSS SECTIONS

SHEET NUMBER

56

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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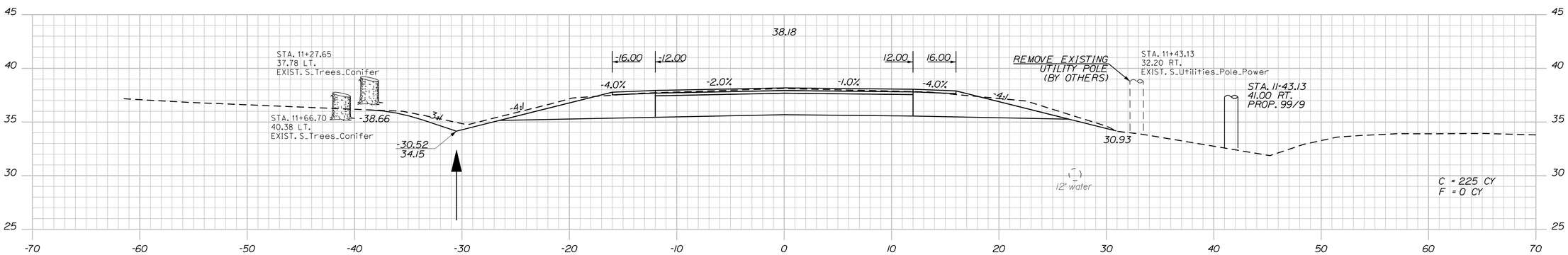

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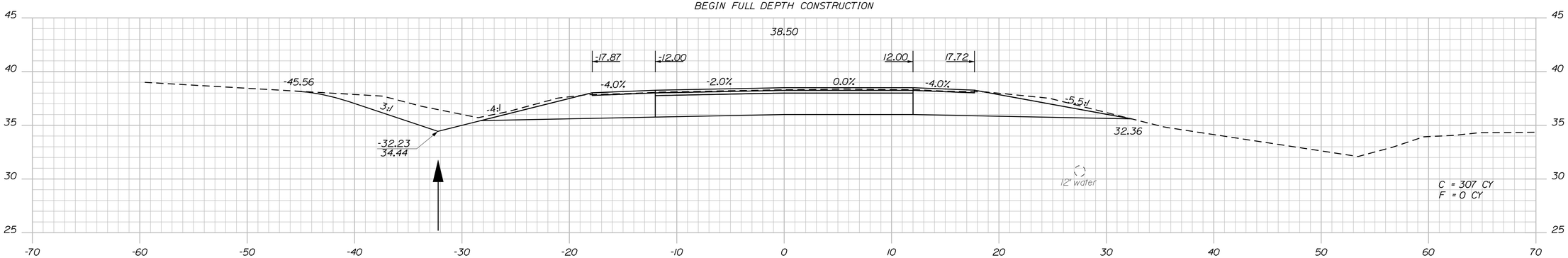
STA. 11+50.00
END SUBBASE TRANSITION
BEGIN PROJECT STP-1789(000)X
BEGIN FULL DEPTH CONSTRUCTION



11+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

57

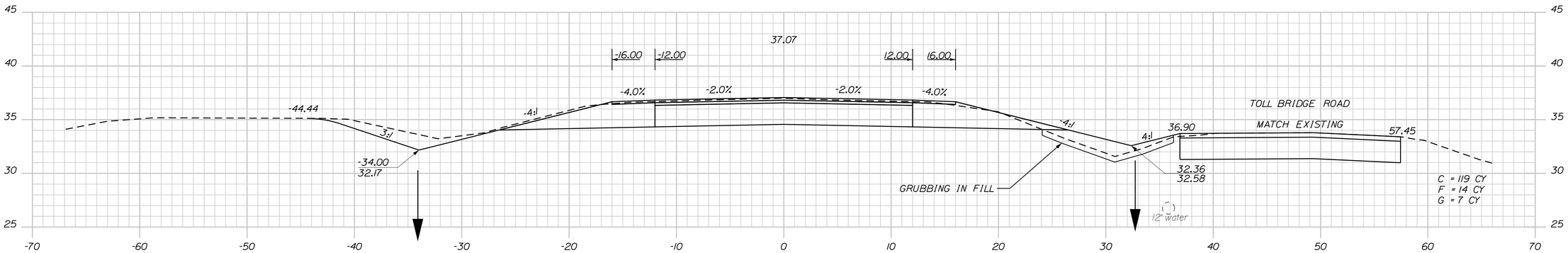
OF 187

Date:10/28/2015

Username: common

Division: HIGHWAY

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn



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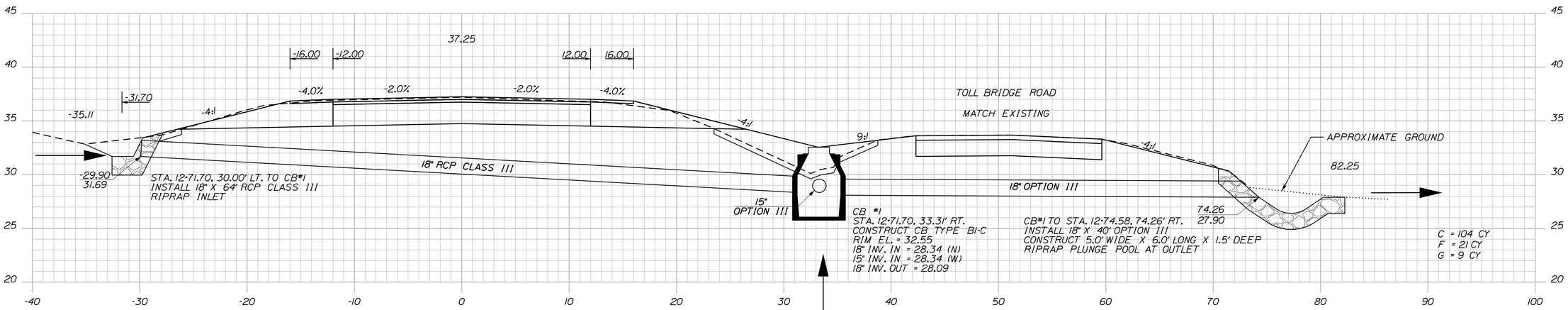

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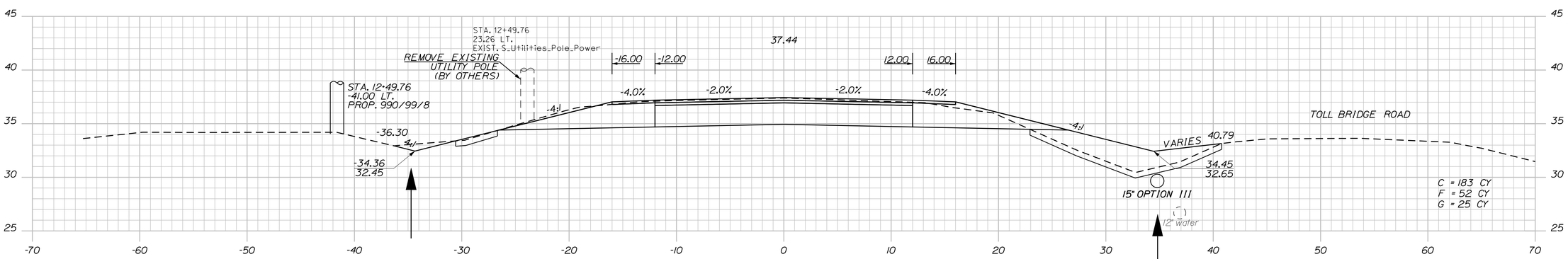

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

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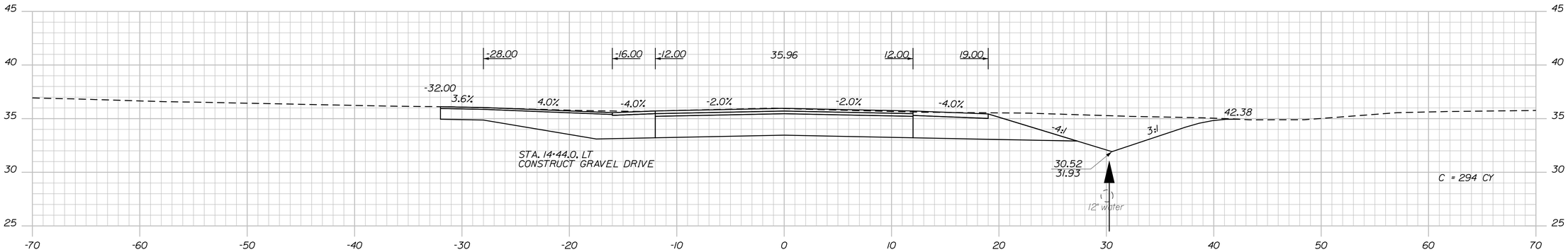

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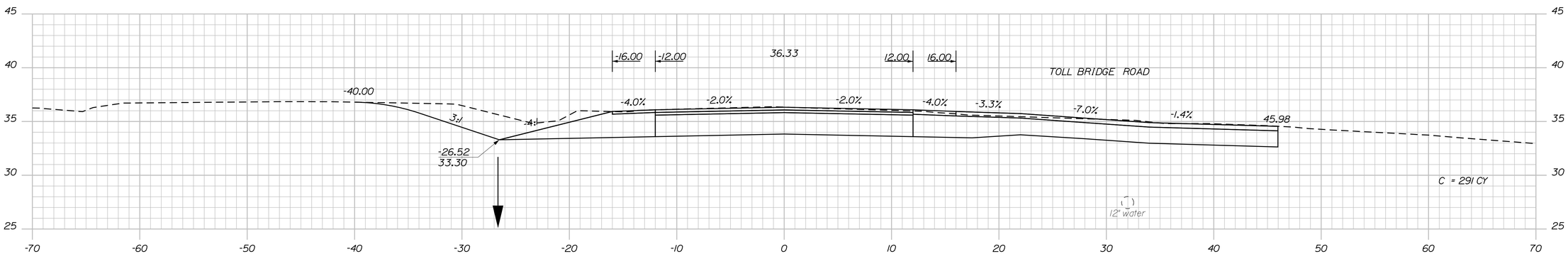

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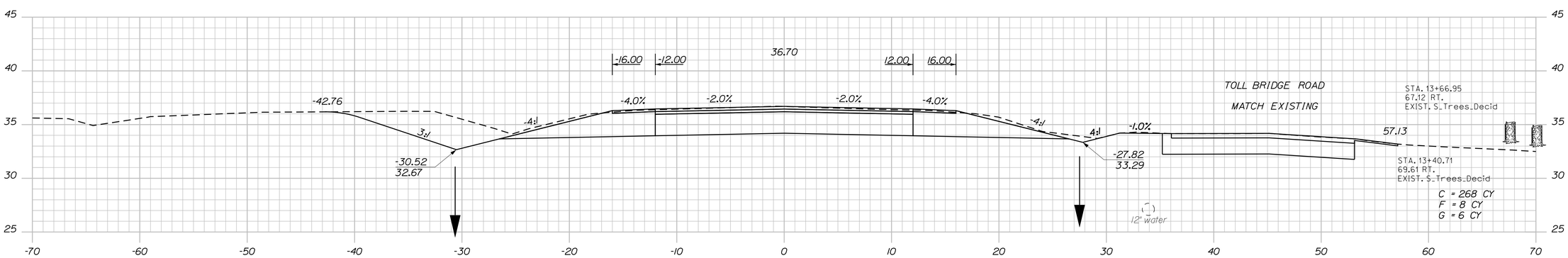

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANITY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

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U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

59

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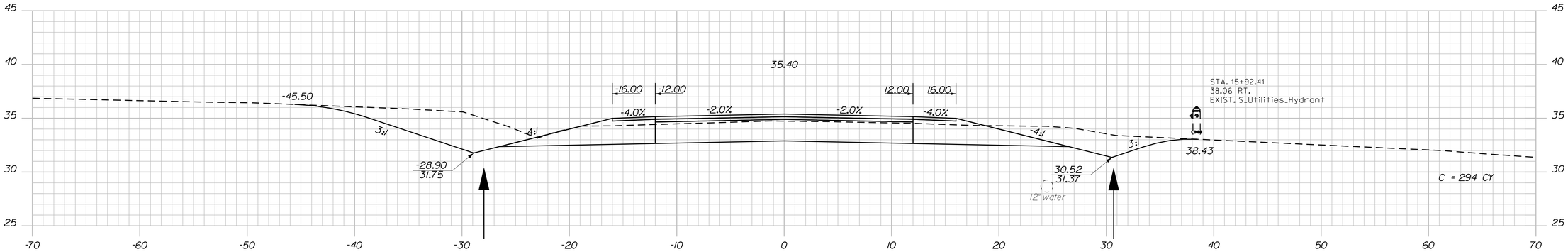
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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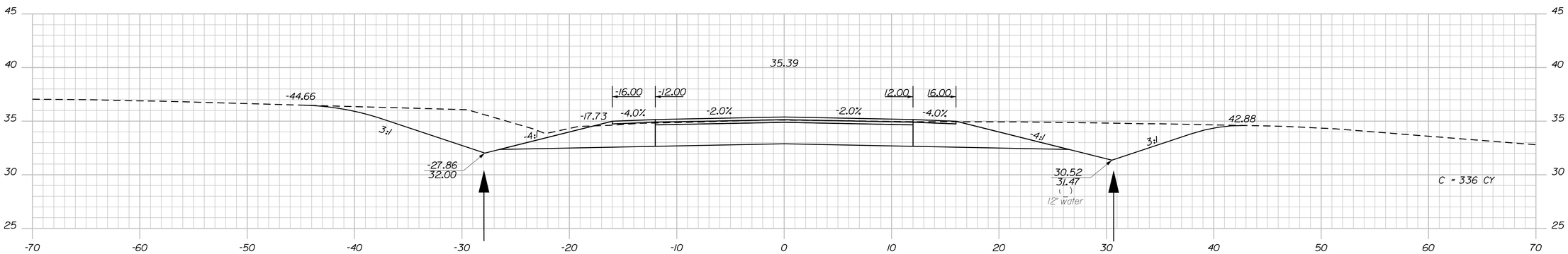

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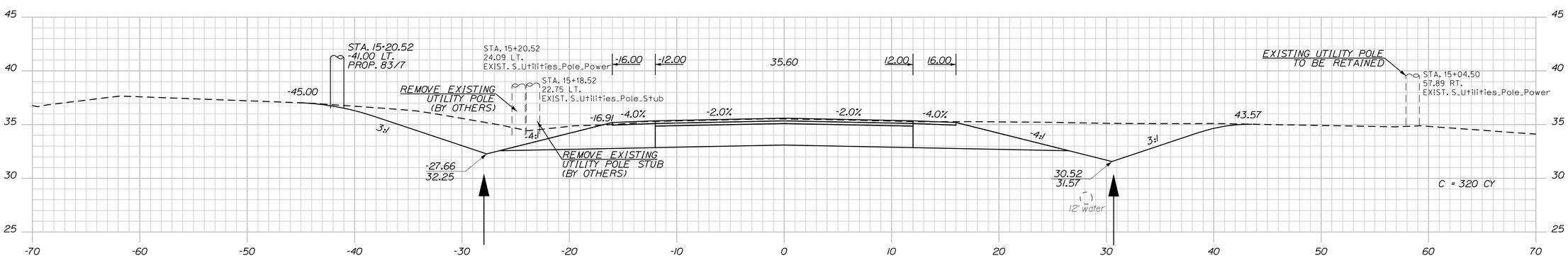

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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CROSS SECTIONS

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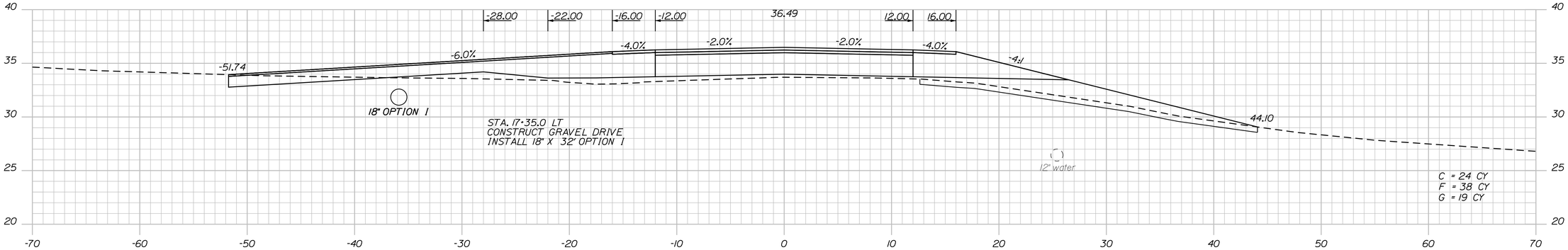
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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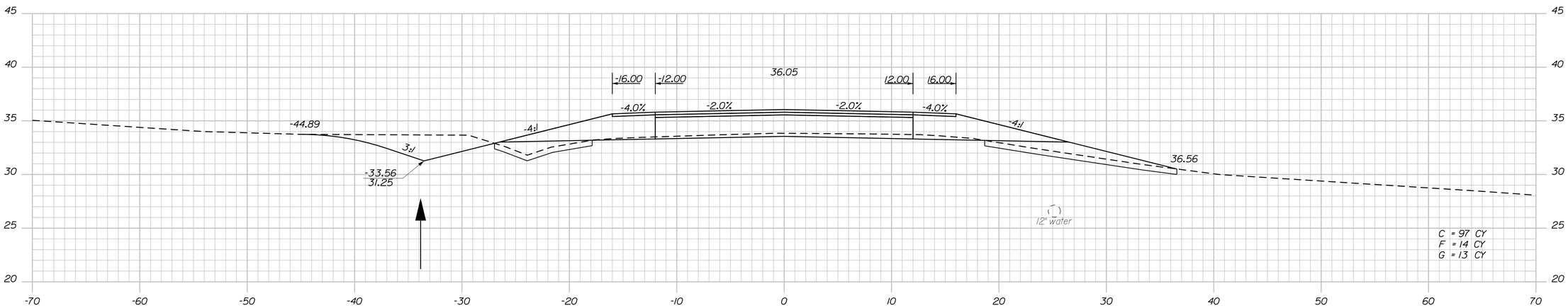

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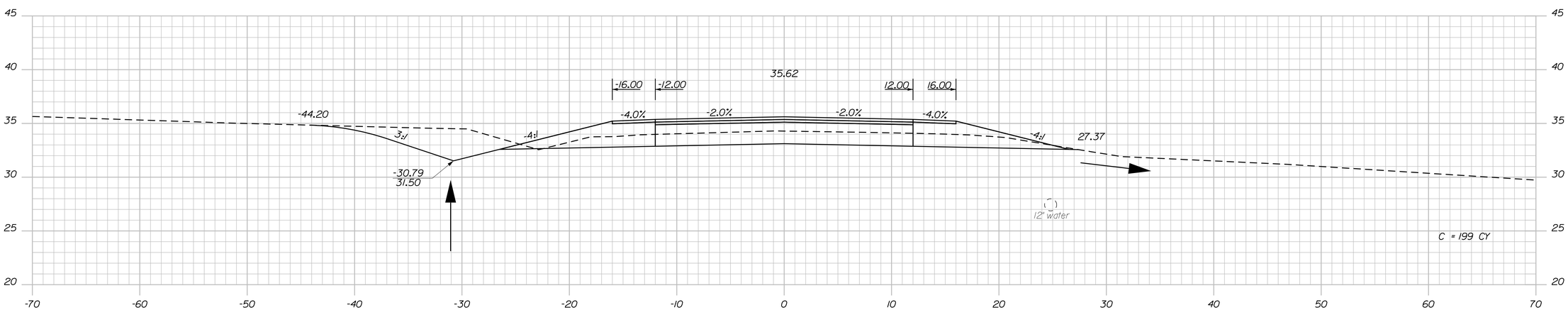

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Date:10/28/2015

Username: common

Division: HIGHWAY

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

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U.S. ROUTE 1

CROSS SECTIONS

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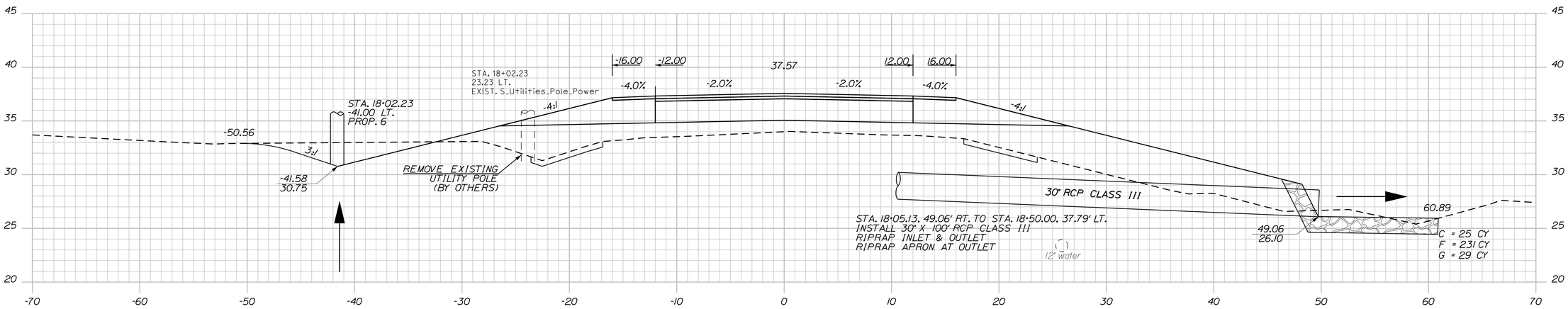

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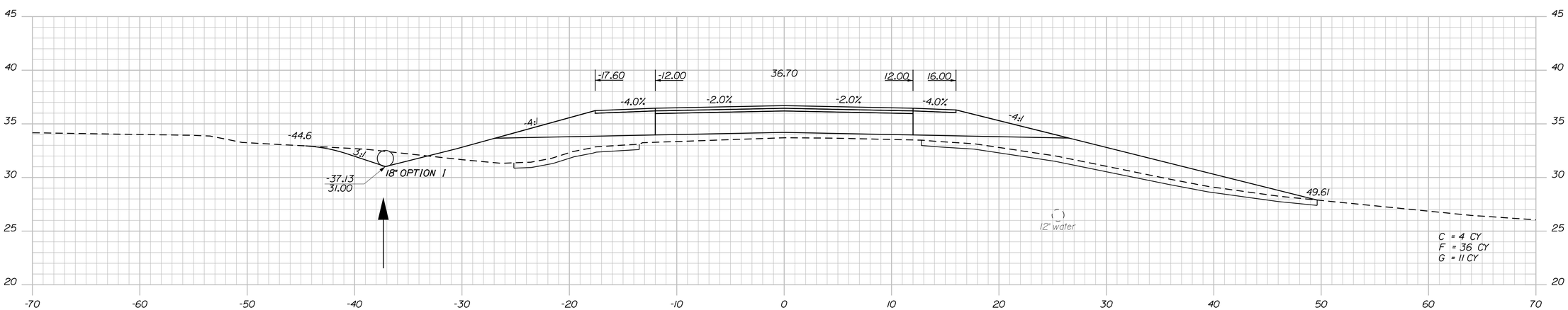

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\\\5
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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CROSS SECTIONS

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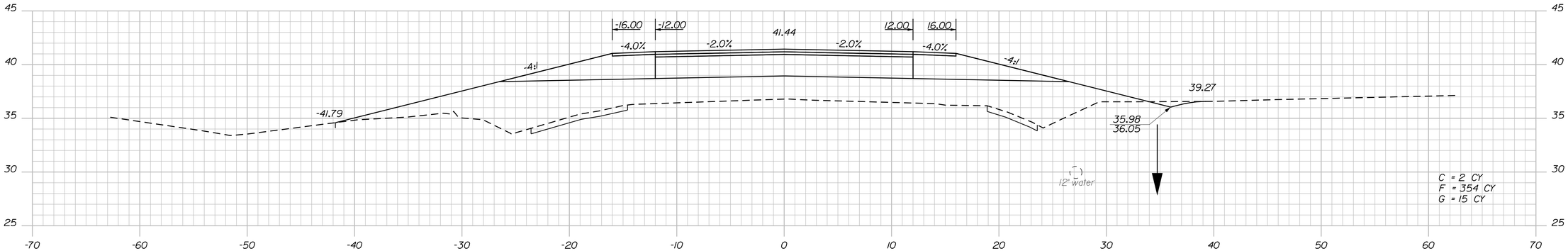
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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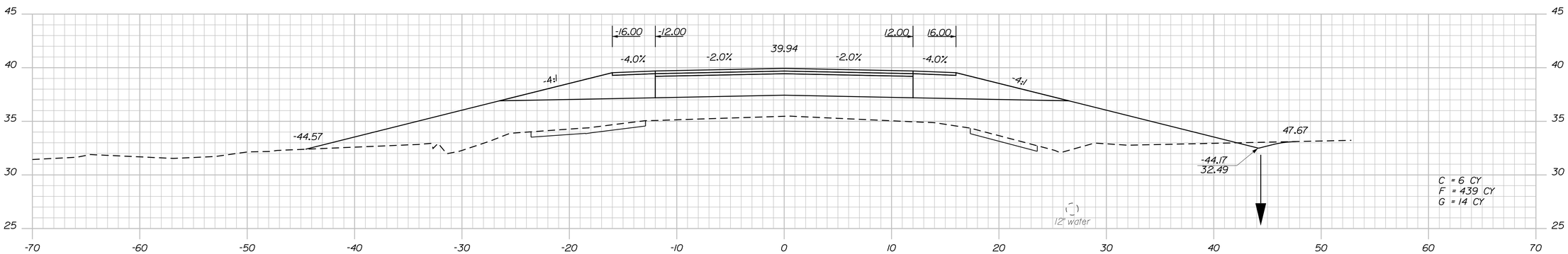

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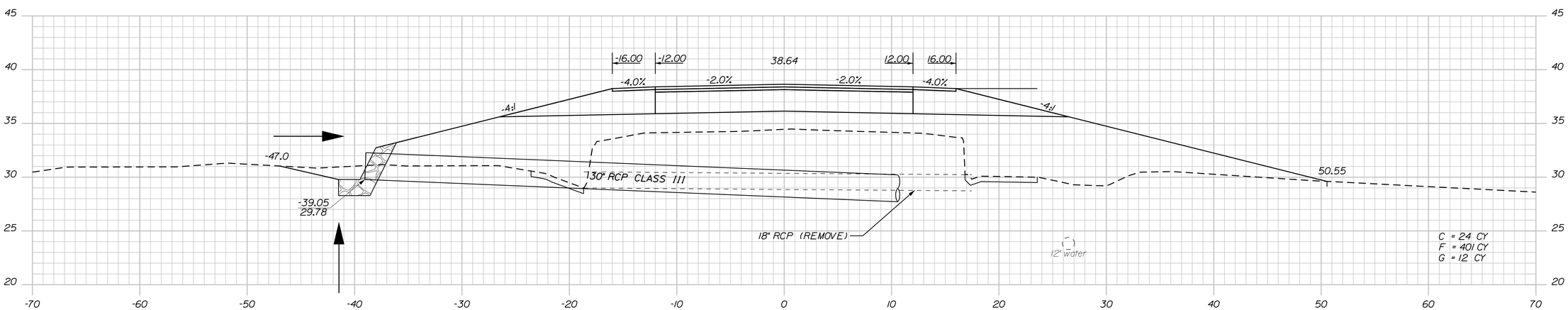

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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U.S. ROUTE 1

CROSS SECTIONS

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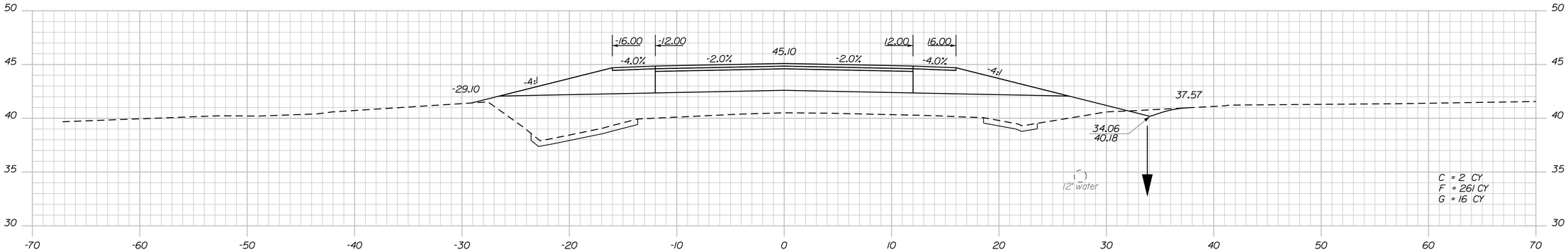
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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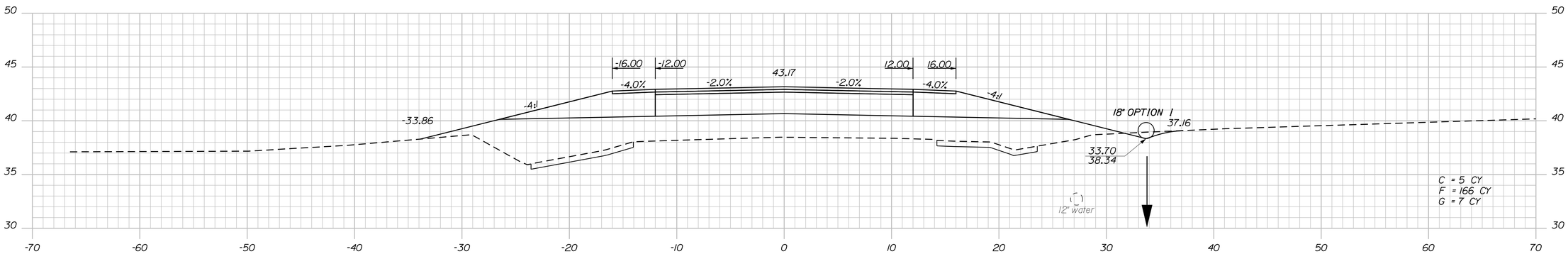

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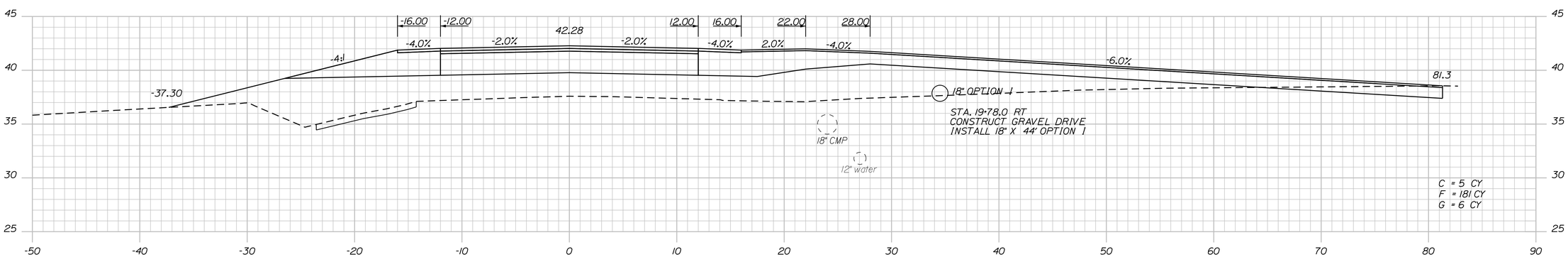

19+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	J.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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DATE

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U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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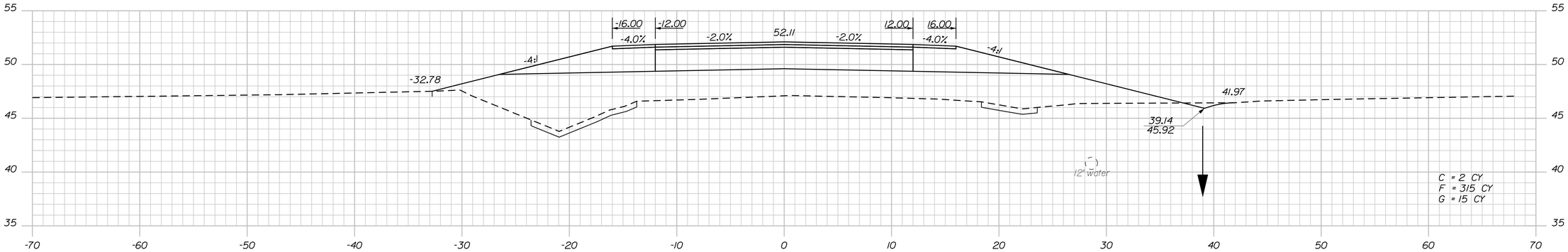
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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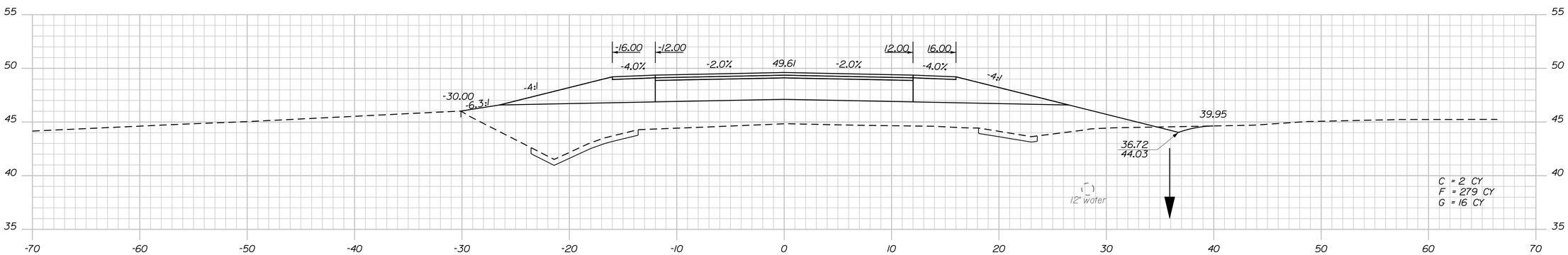

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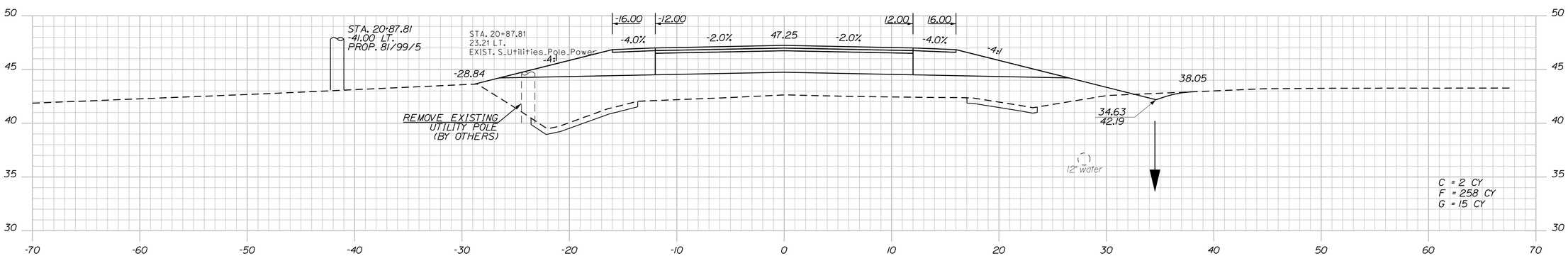

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Date:10/28/2015

Username: common

Division: HIGHWAY

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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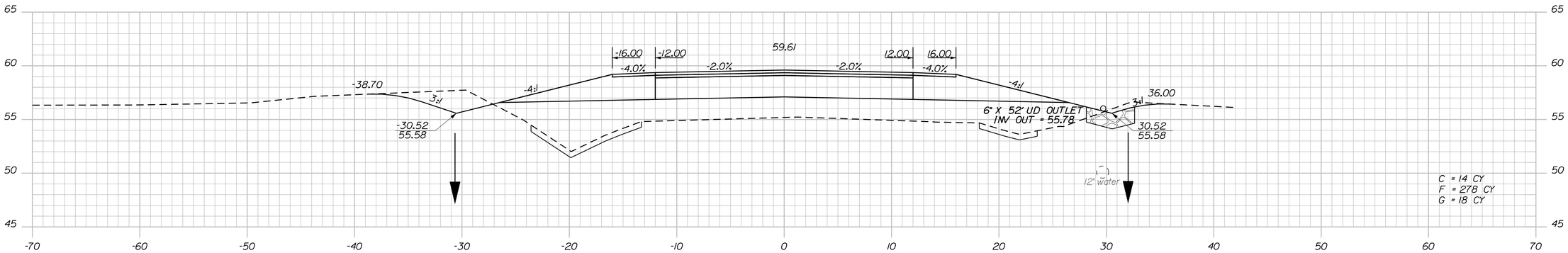

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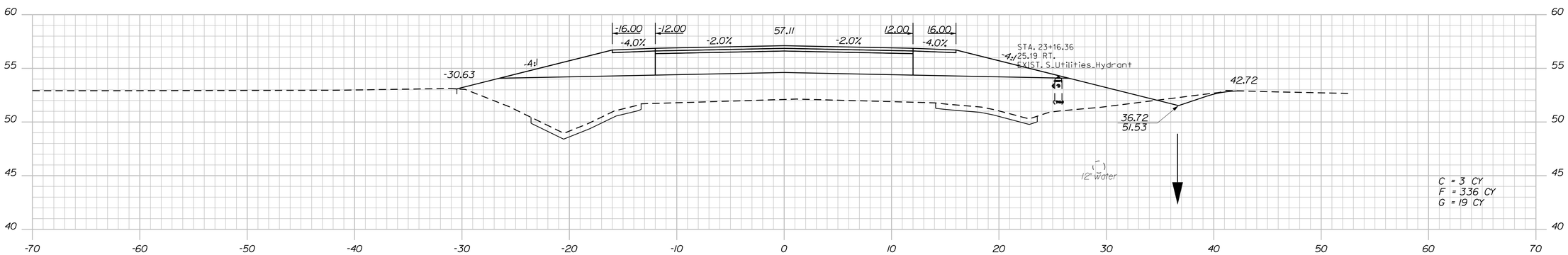

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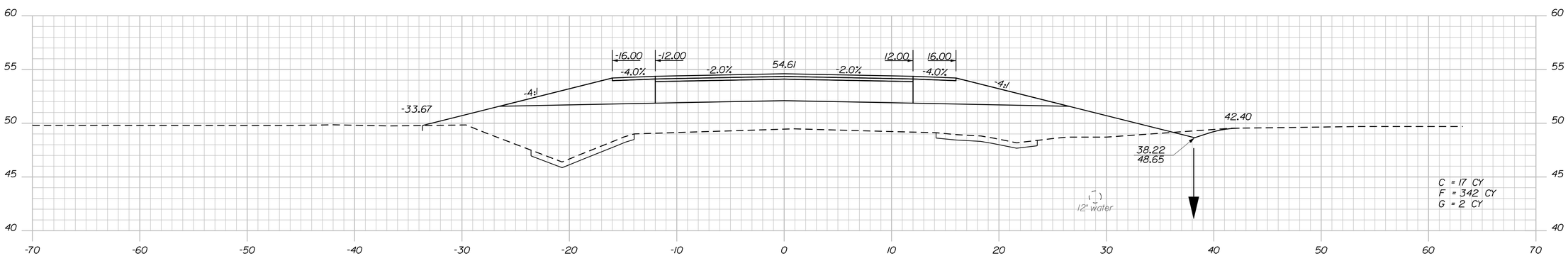

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

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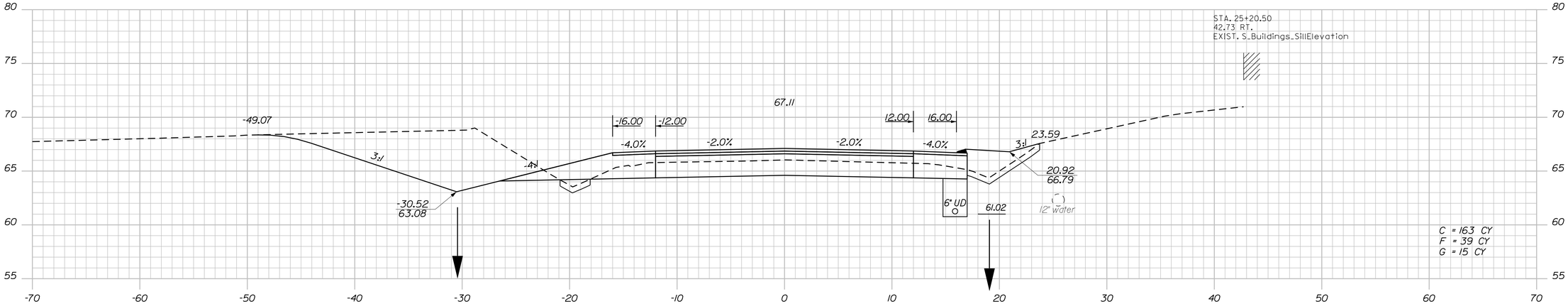
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER
66
OF 187

Date:10/28/2015
Username: common
Division: HIGHWAY
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn



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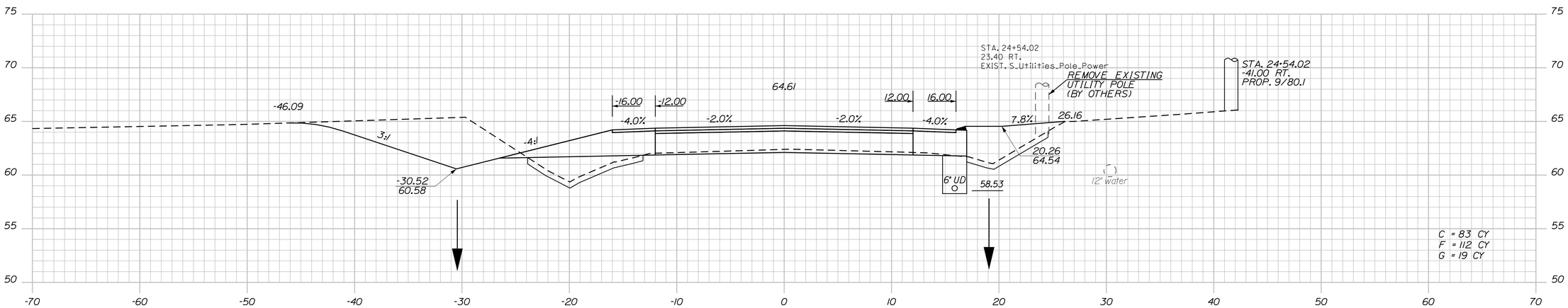

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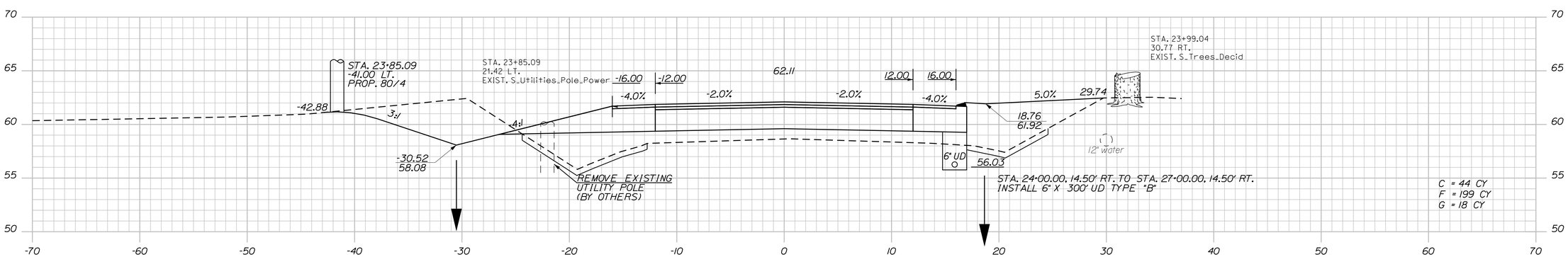

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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CROSS SECTIONS

SHEET NUMBER

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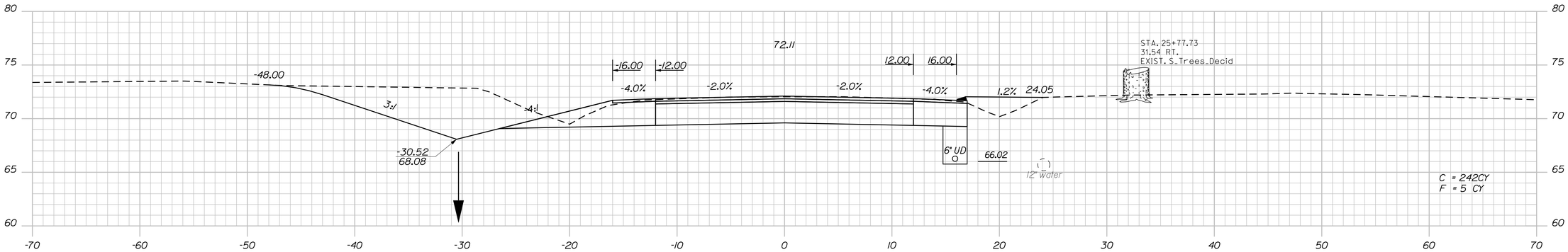
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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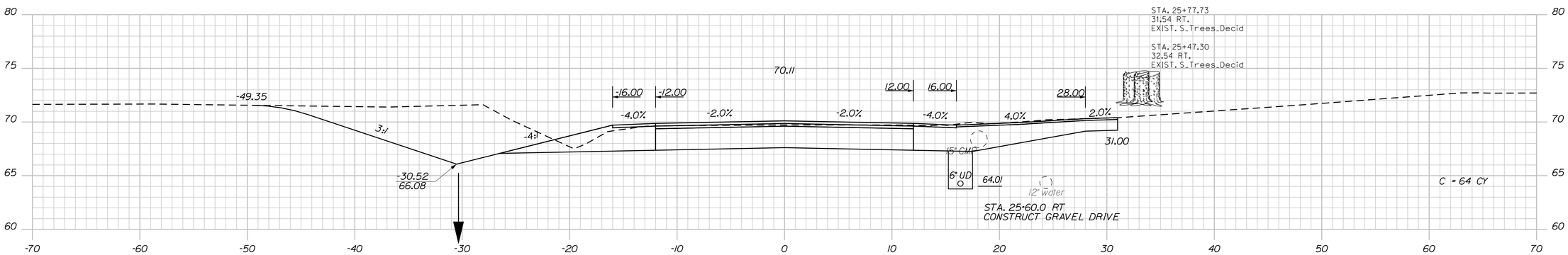

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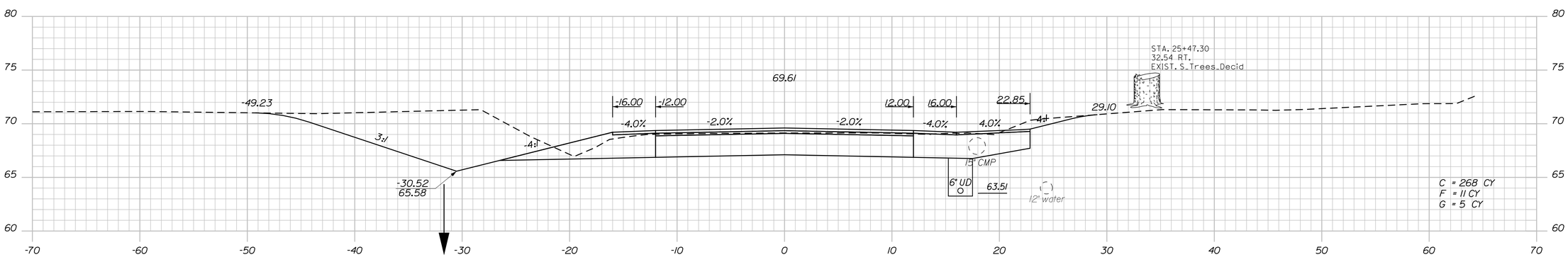

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
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FIELD CHANGES			

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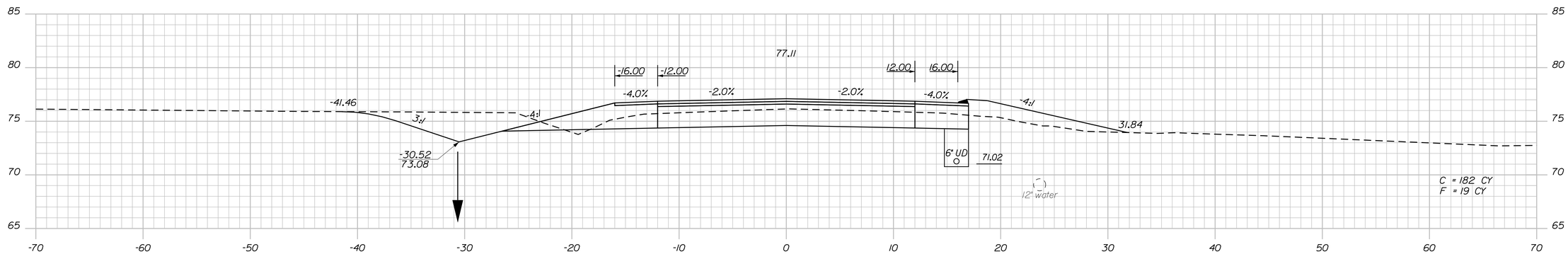
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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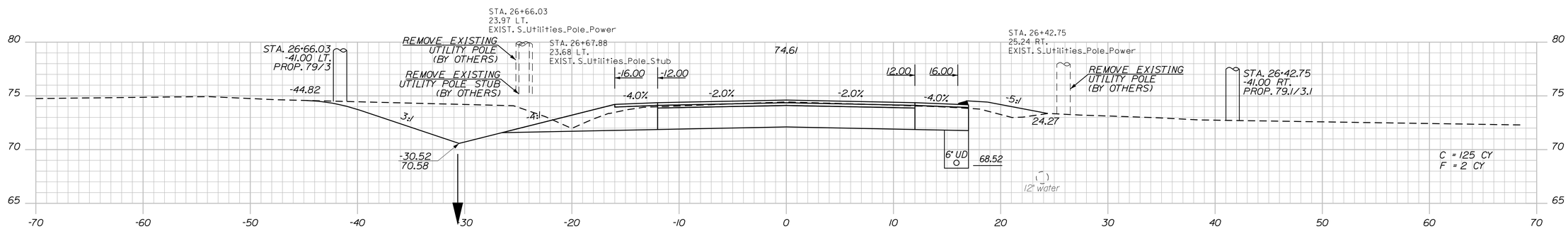

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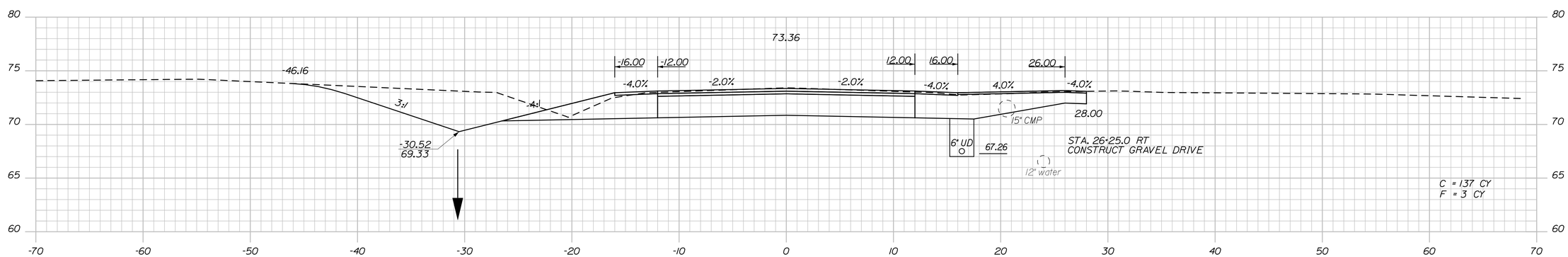

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANITY	
DESIGN2-DETAILED2	I.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
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REVISIONS 4		
FIELD CHANGES		

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CROSS SECTIONS

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69
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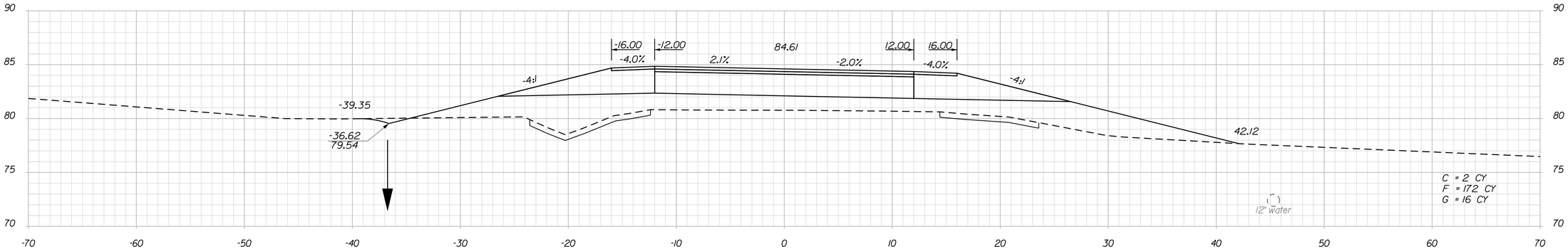
Date:10/28/2015 Username: common Division: HIGHWAY Filename: ...\00\HIGHWAY\MSTA\xsect.dgn



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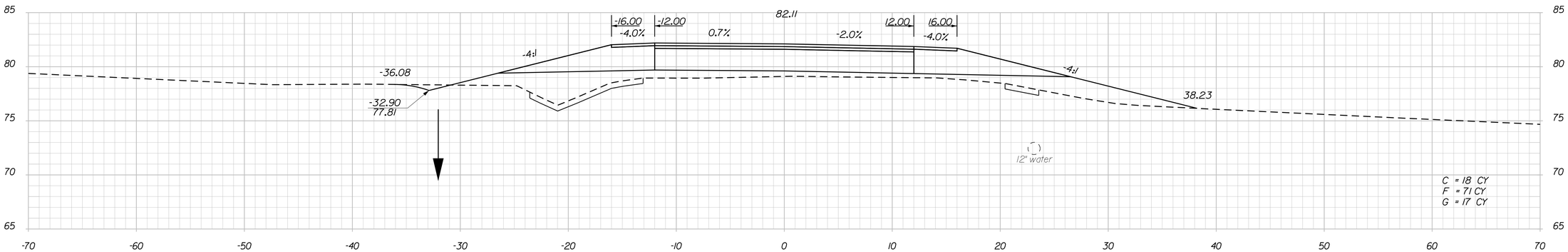

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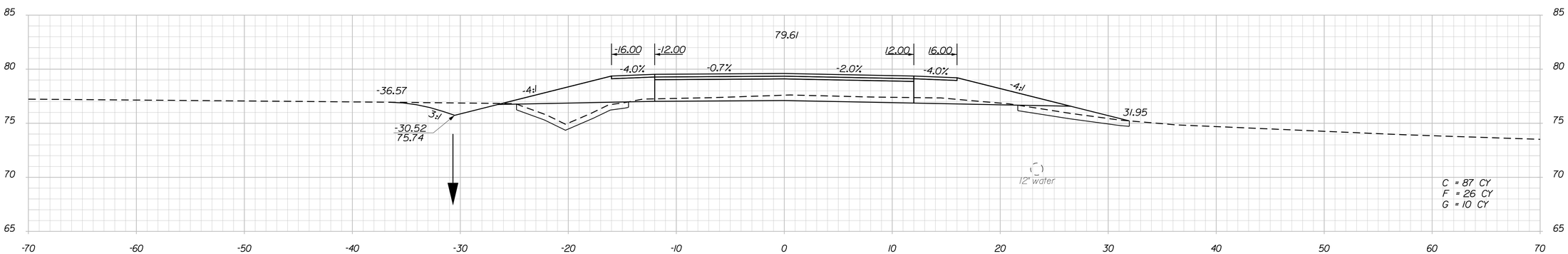


27+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

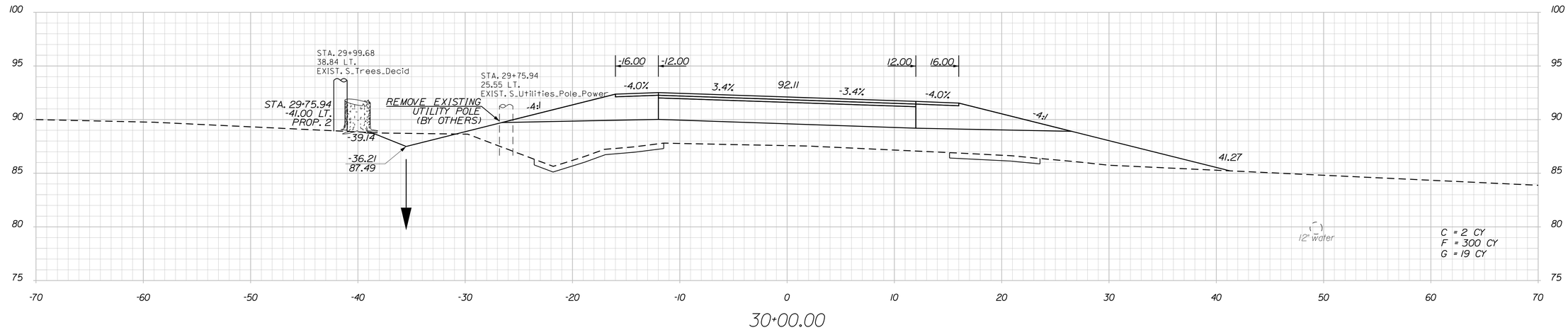
CROSS SECTIONS

SHEET NUMBER

70

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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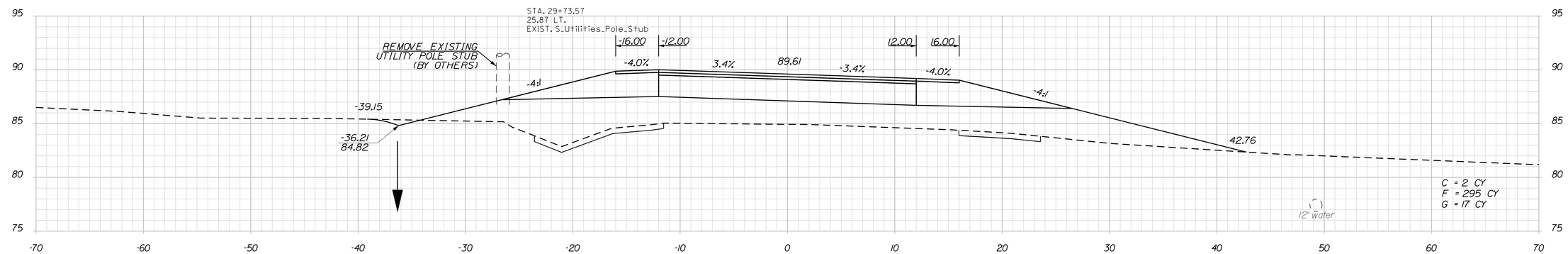

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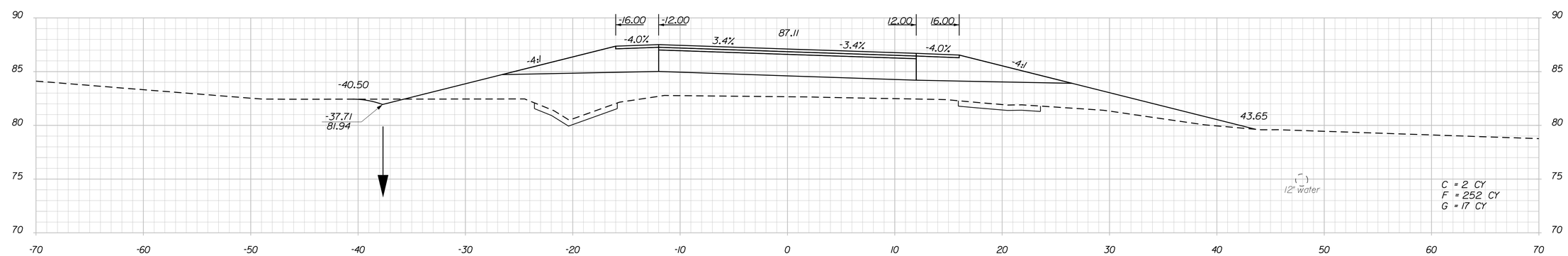

29+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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DATE

THOMASTON
U.S. ROUTE 1

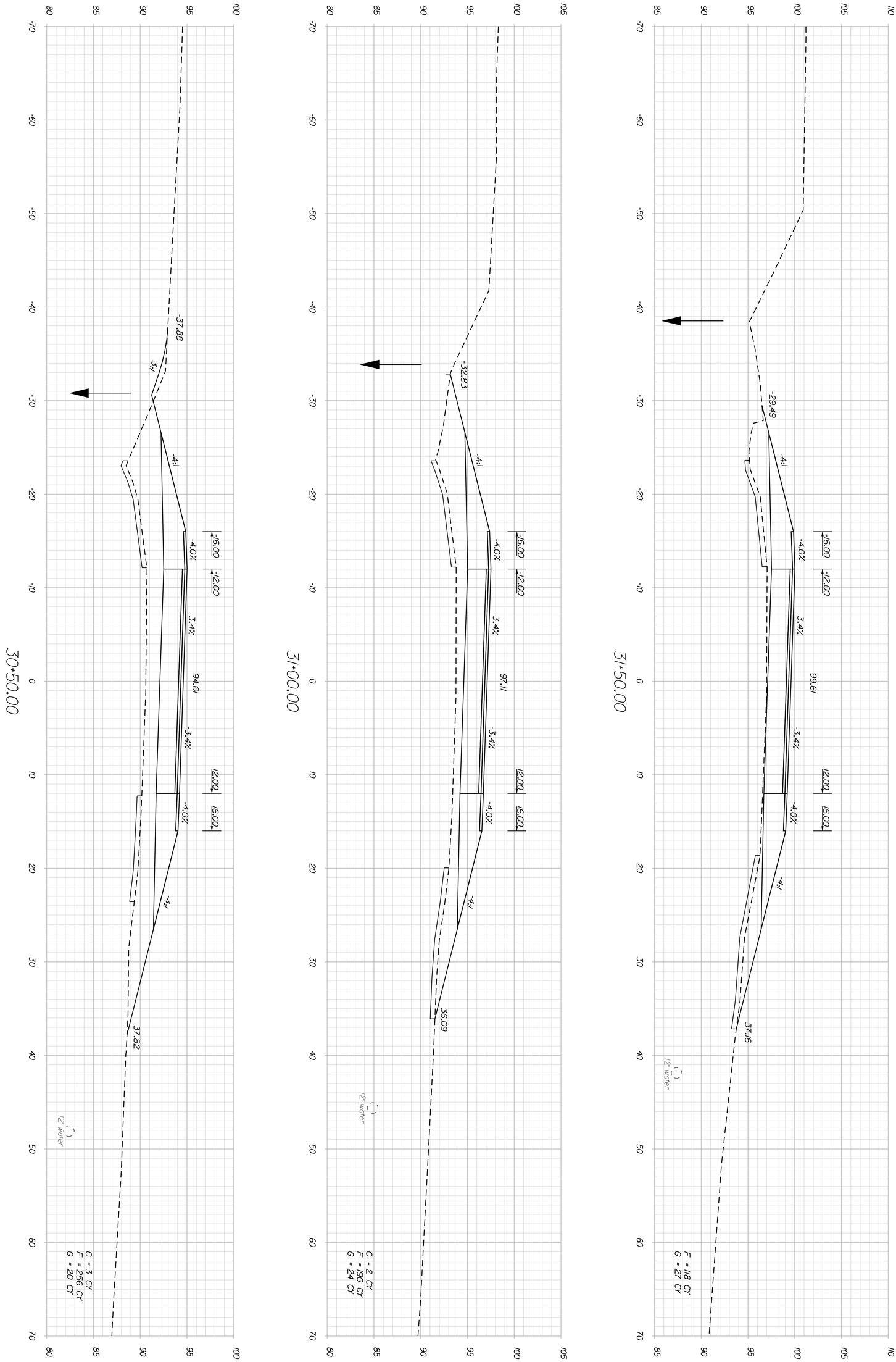
CROSS SECTIONS

SHEET NUMBER

71

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\11\15
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

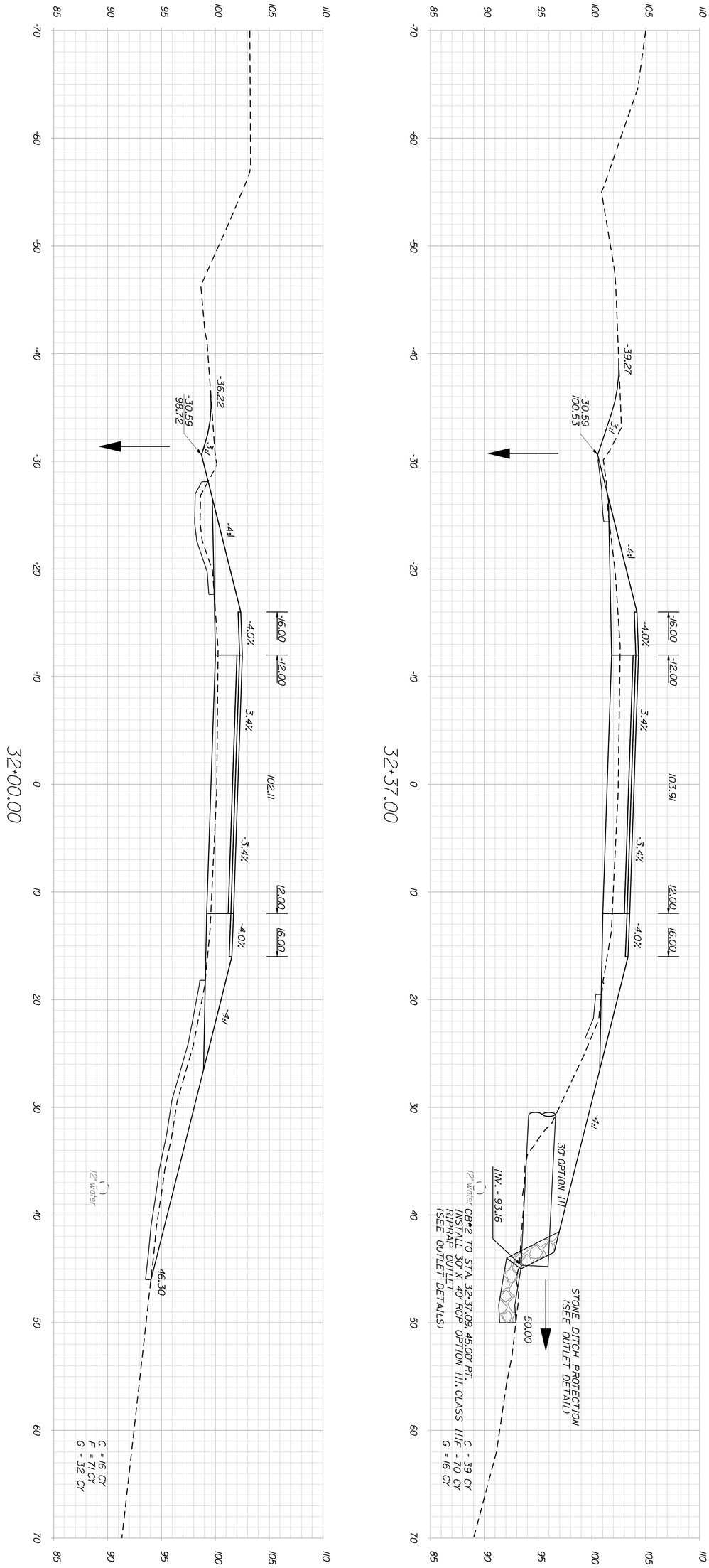
CROSS SECTIONS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

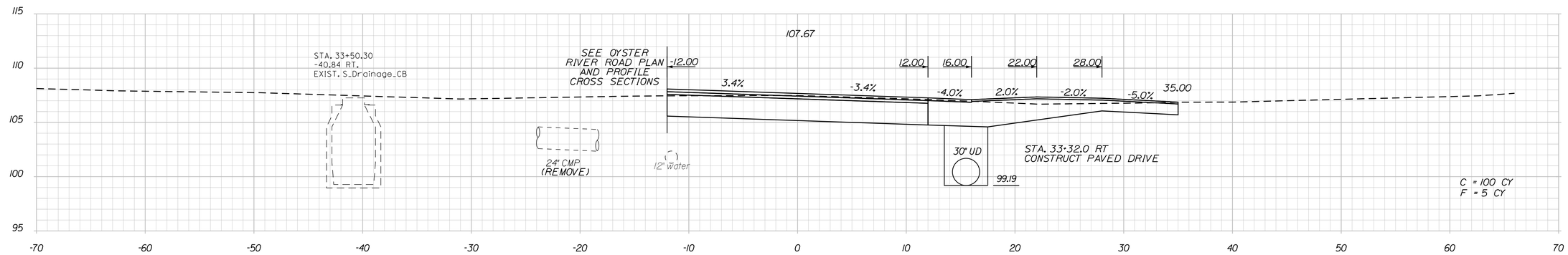


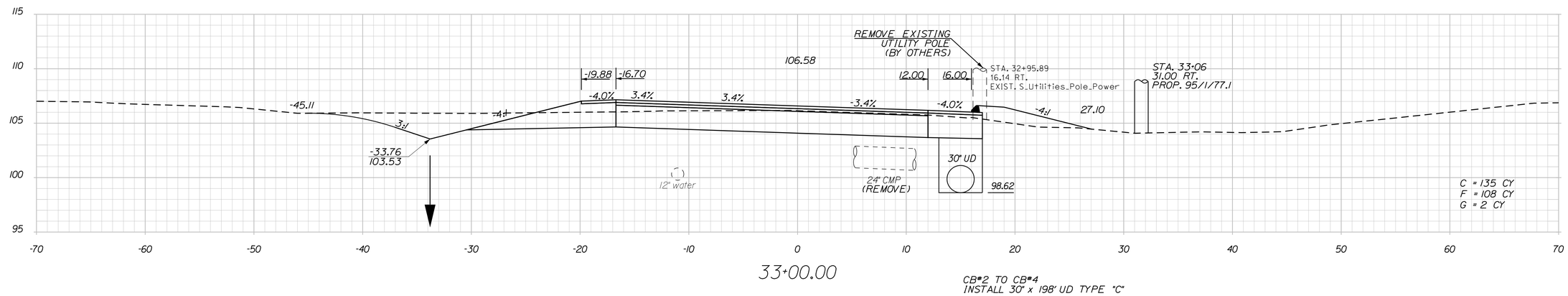
SHEET NUMBER 73 OF 187	THOMASTON U.S. ROUTE 1 CROSS SECTIONS	PROJ. MANAGER E.MARTIN / BY / DATE DESIGN-DETAILED T.LUTHER CHECKED-REVIEWED G.SANTY 10\11\15 DESIGN2-DETAILED2 I.MAYNARD DESIGN3-DETAILED3 P.ARMATA REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	SIGNATURE P.E. NUMBER DATE

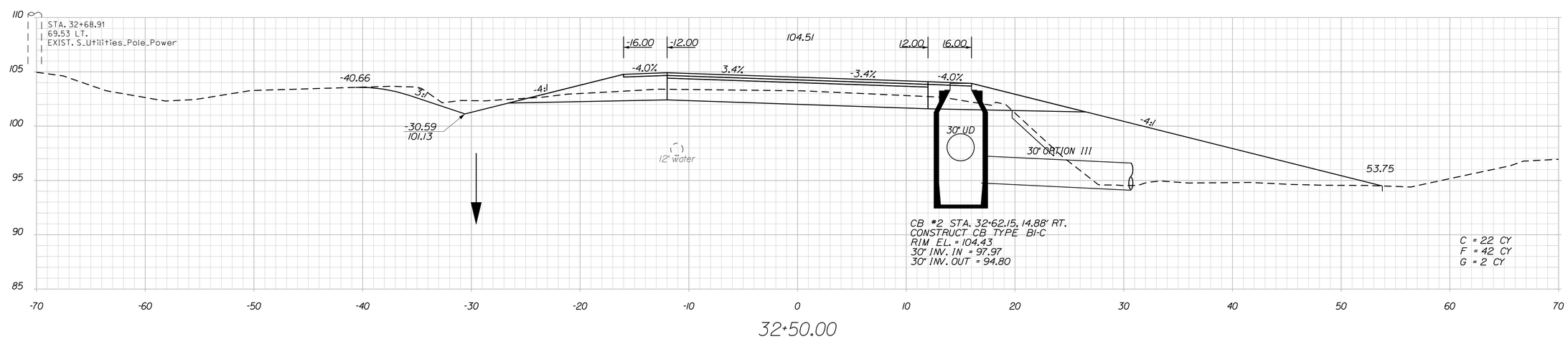
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00 HIGHWAY PLANS







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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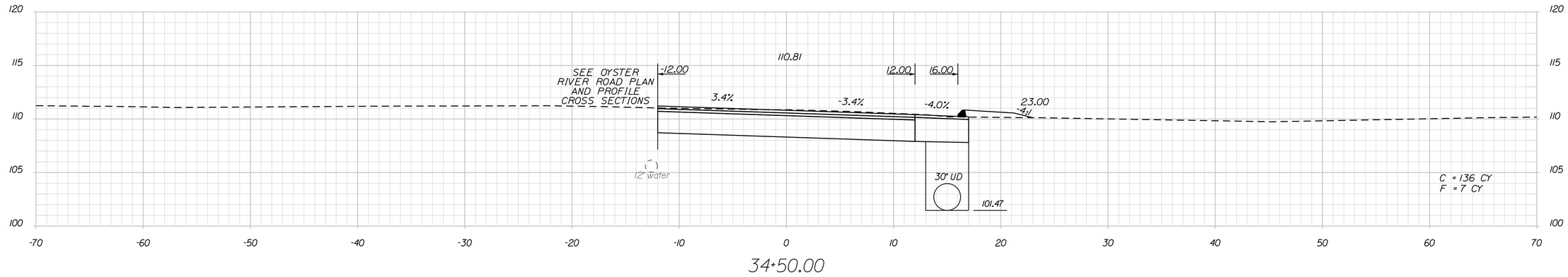
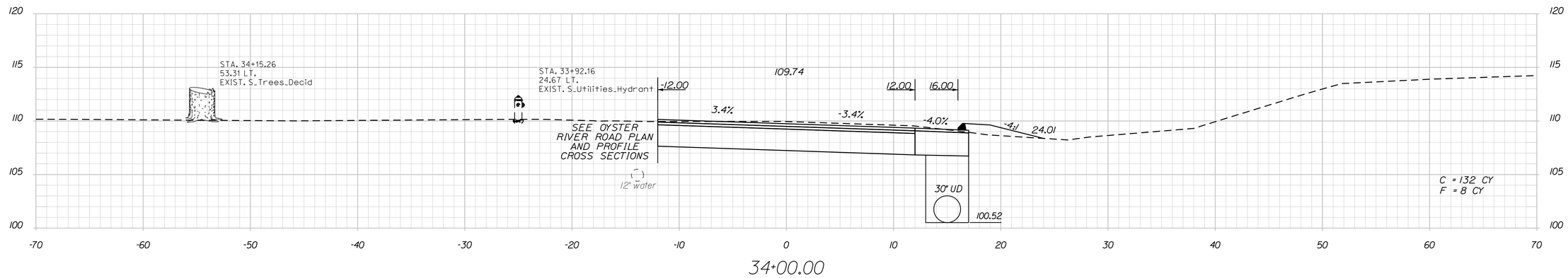
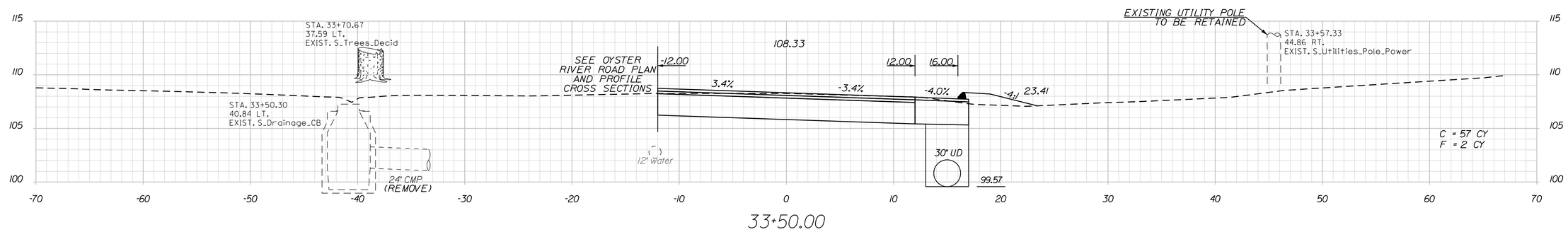
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	C.SANTY	
DESIGN2-DETAILED2	L.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

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THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

75

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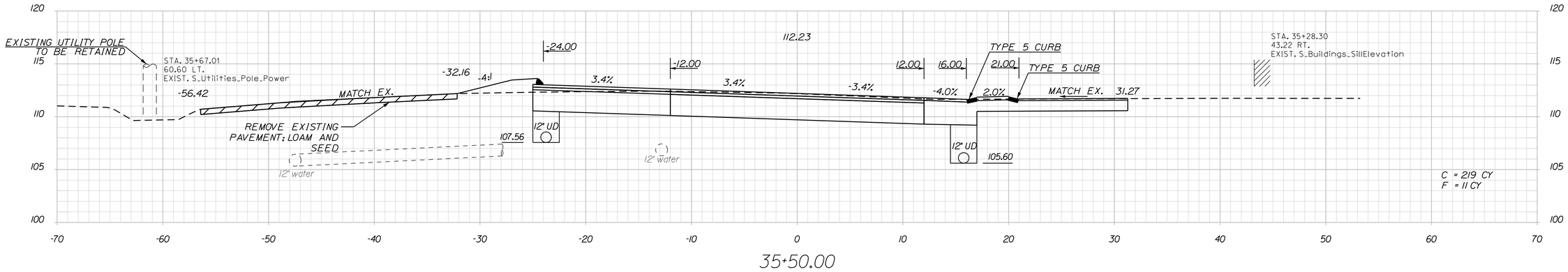
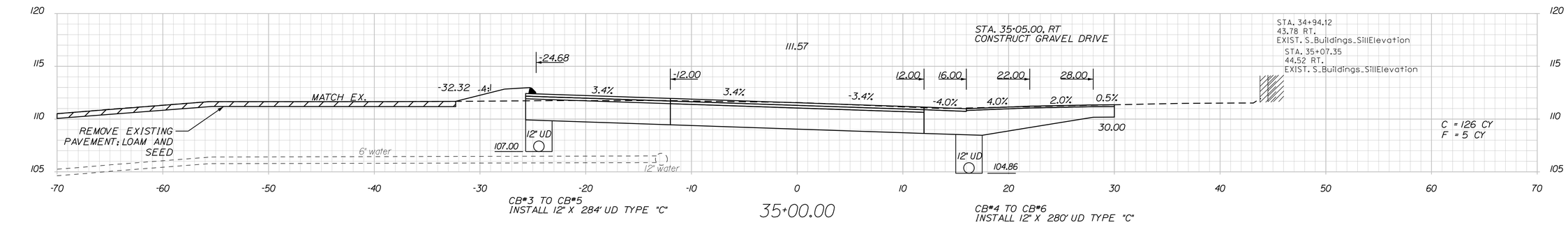
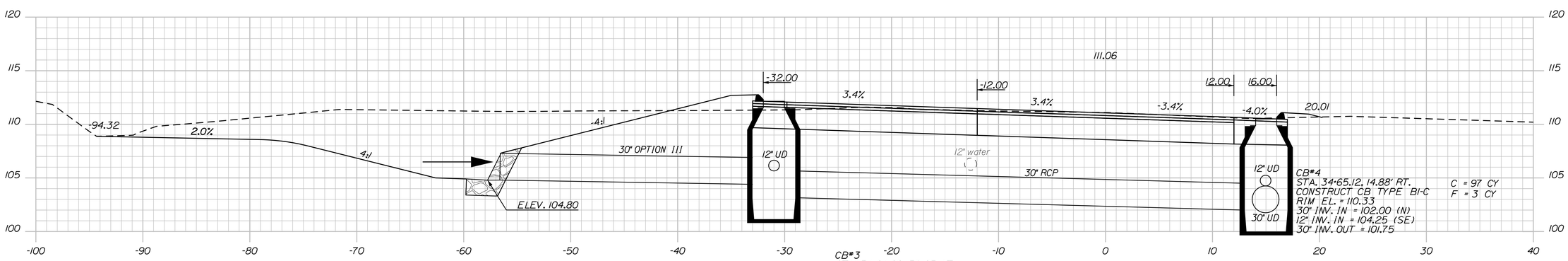
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	C.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

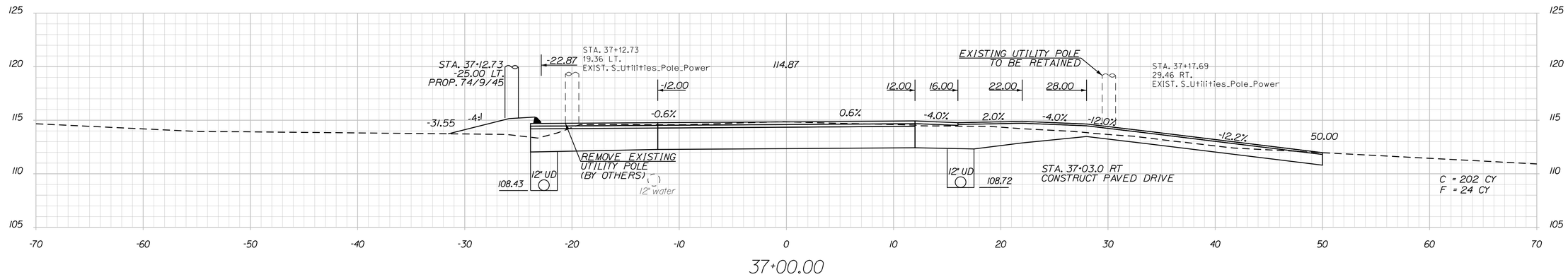
DATE

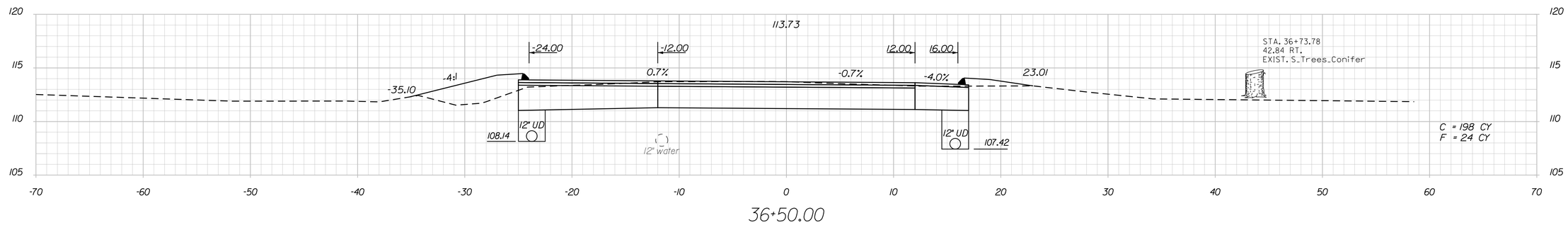
THOMASTON
U.S. ROUTE 1

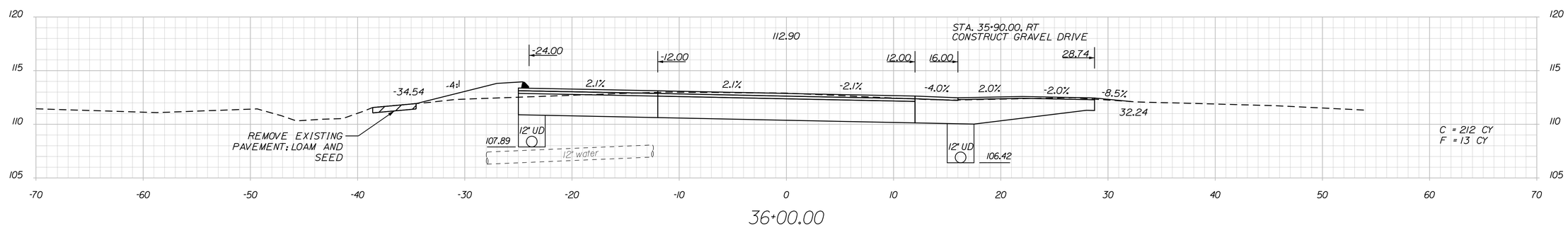
CROSS SECTIONS

SHEET NUMBER
76
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







Date:10/28/2015

Username: common

Division: HIGHWAY

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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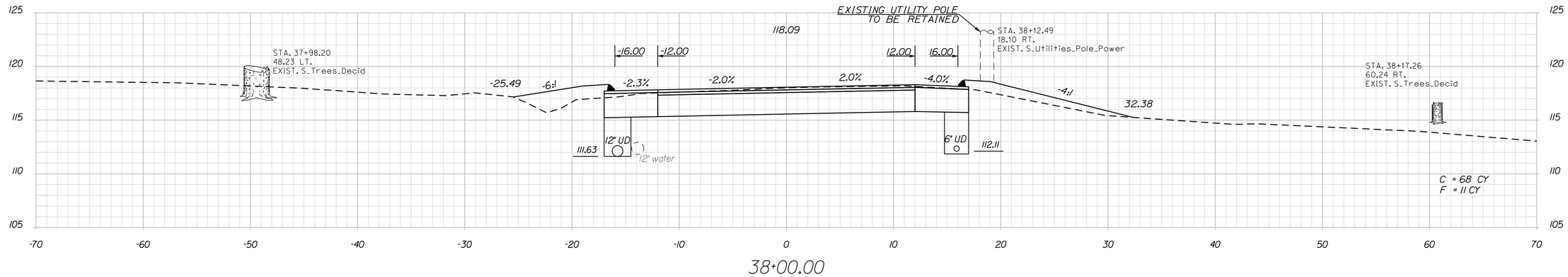
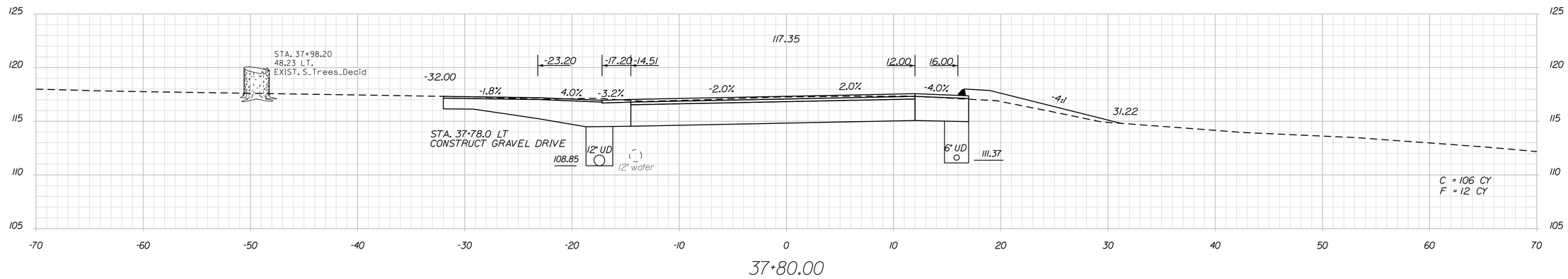
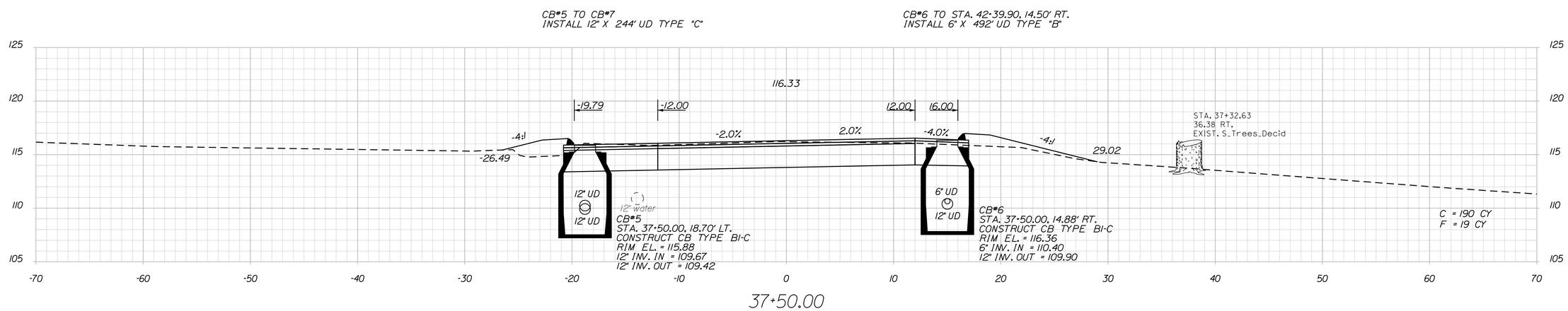






STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	I.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

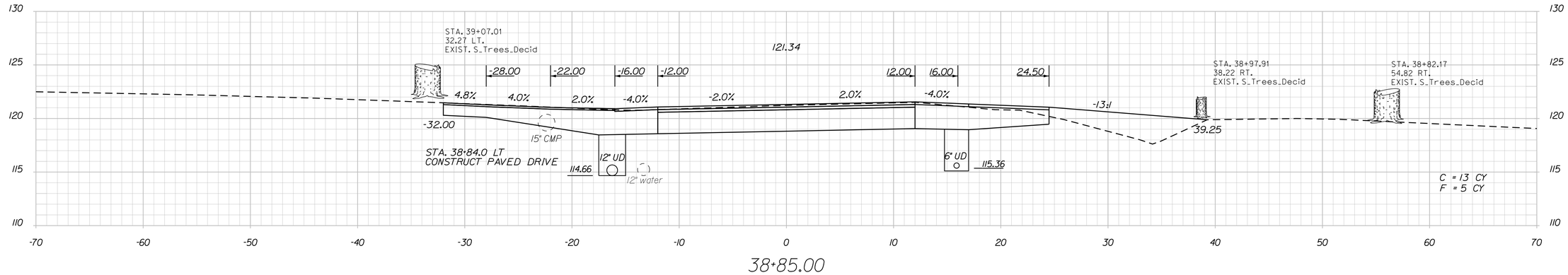
DATE

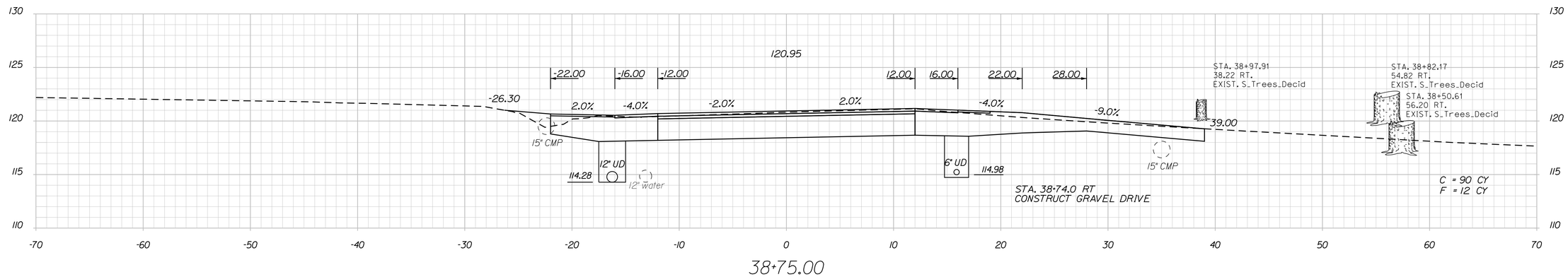
THOMASTON
U.S. ROUTE 1

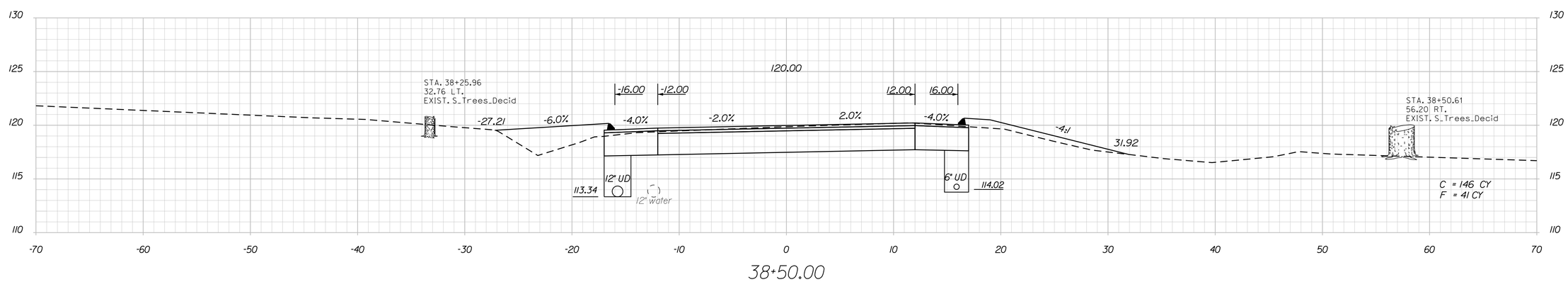
CROSS SECTIONS

SHEET NUMBER
78
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

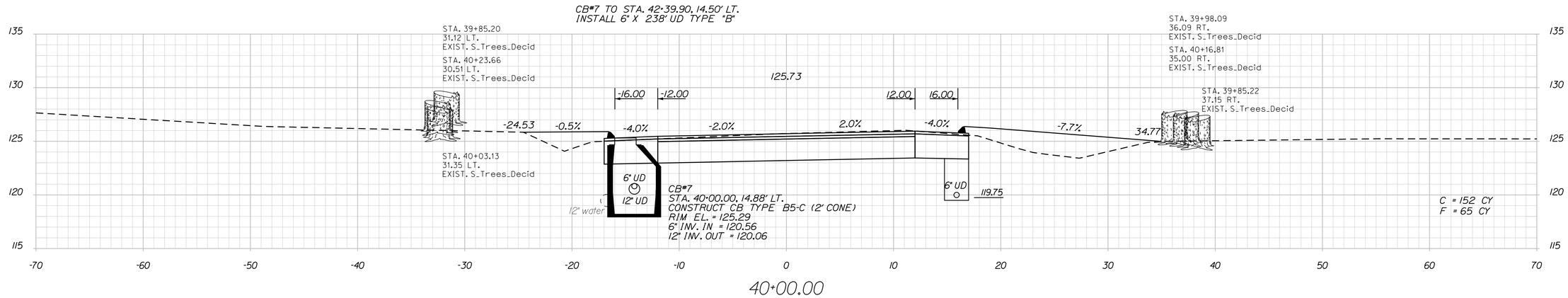
CROSS SECTIONS

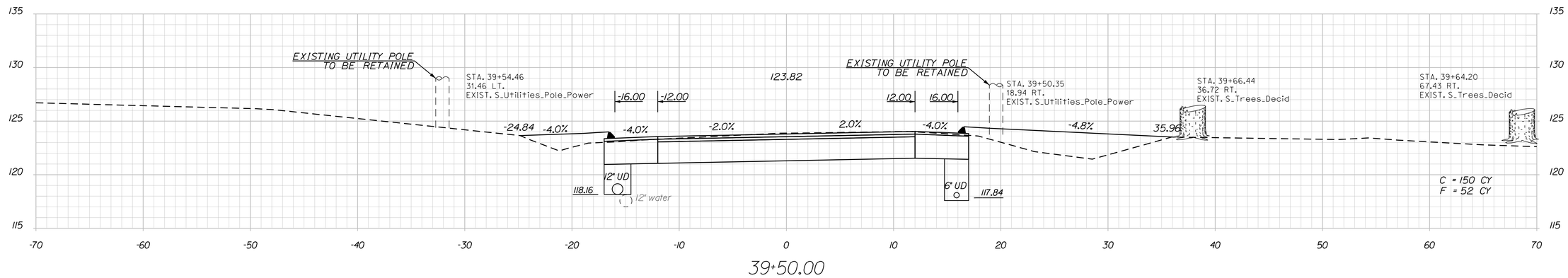
SHEET NUMBER

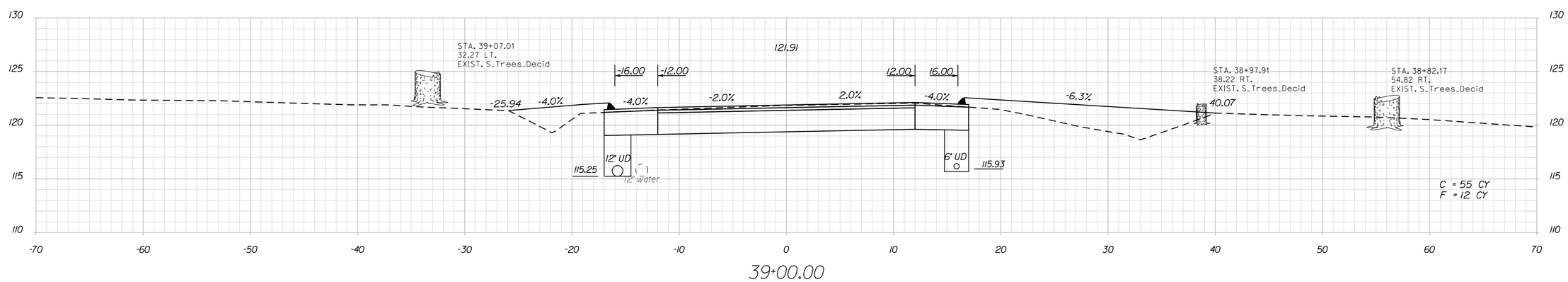
79

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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THOMASTON
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CROSS SECTIONS

SHEET NUMBER

80

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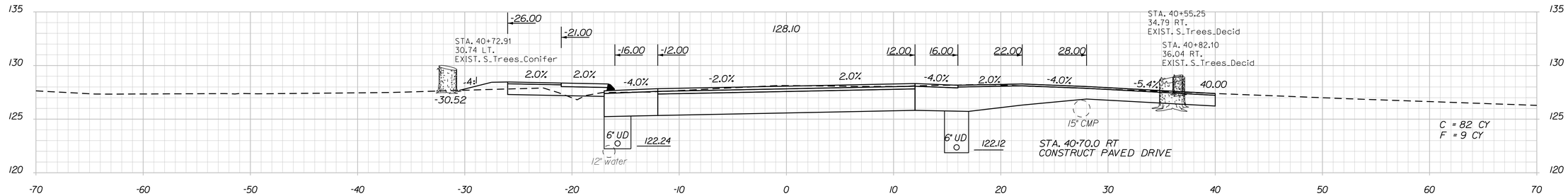
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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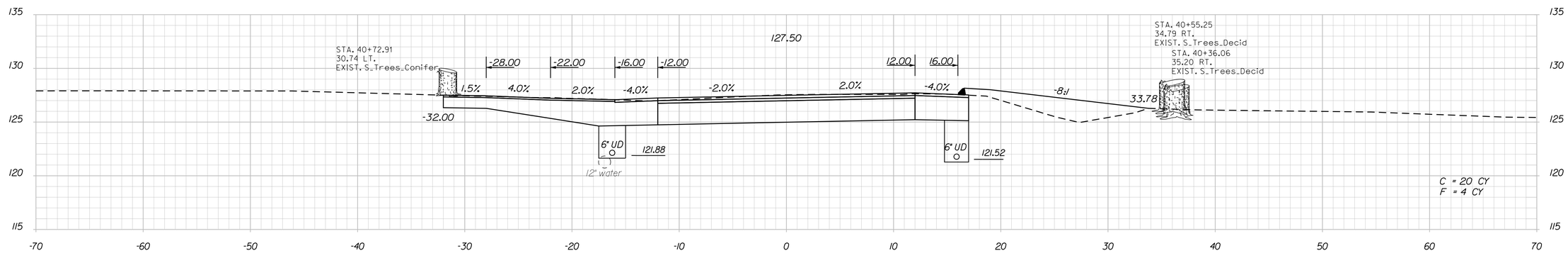

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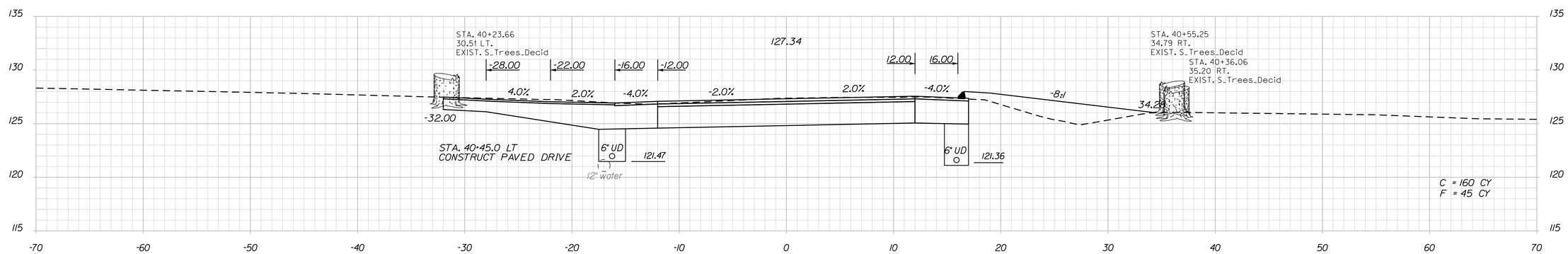

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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CROSS SECTIONS

SHEET NUMBER

81

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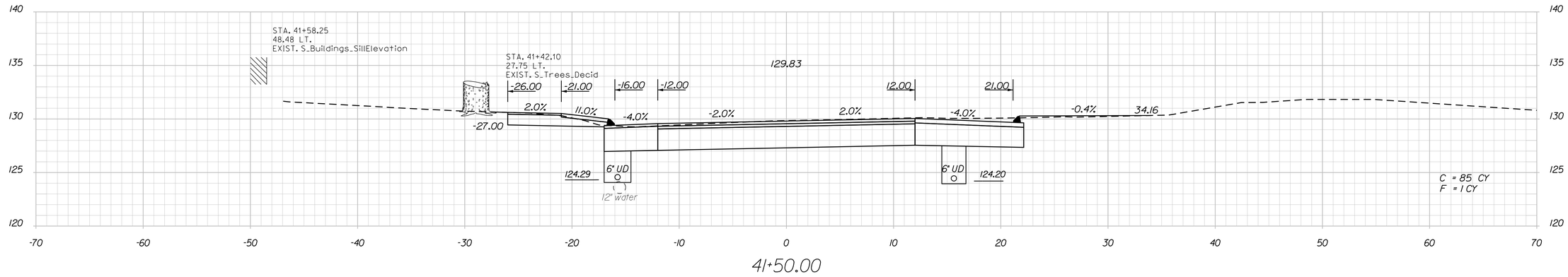
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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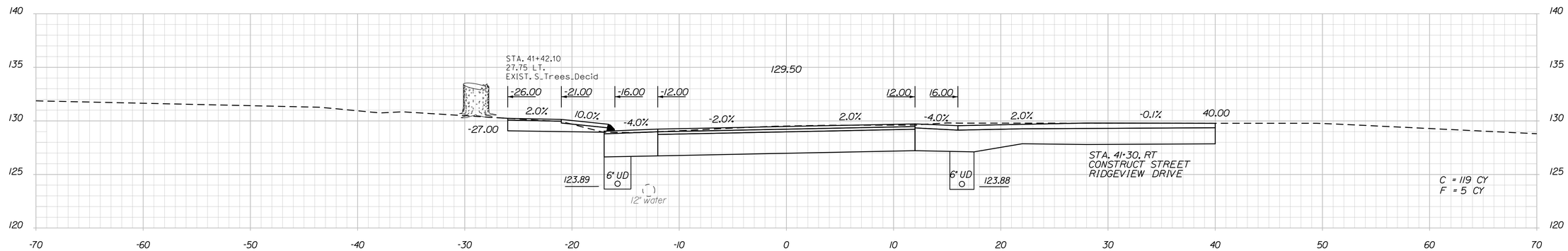

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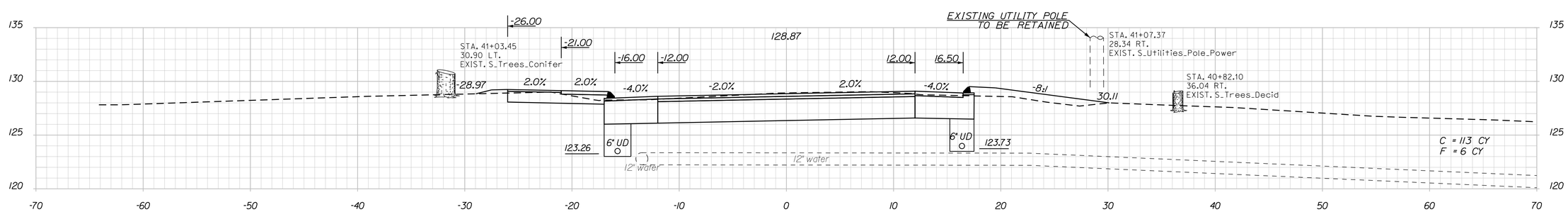

41+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	C.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
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CROSS SECTIONS

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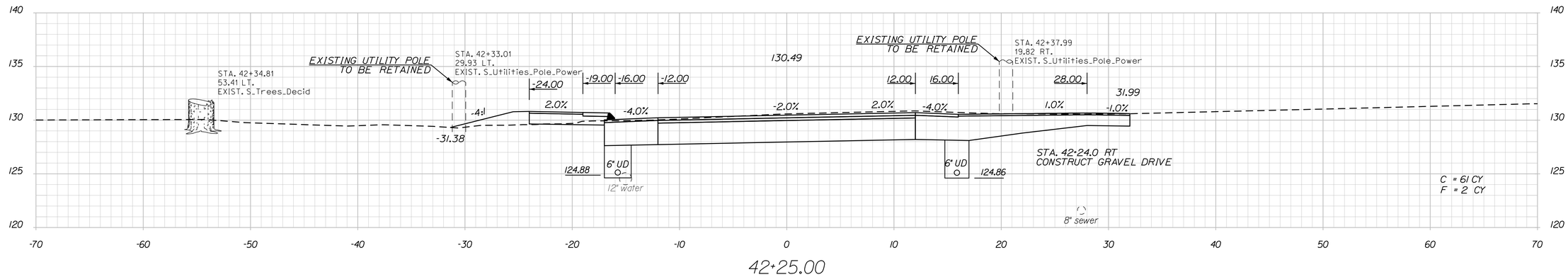
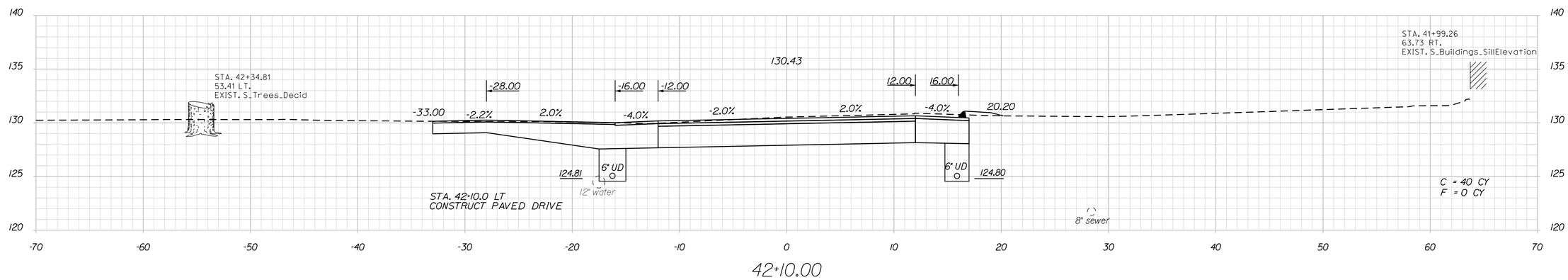
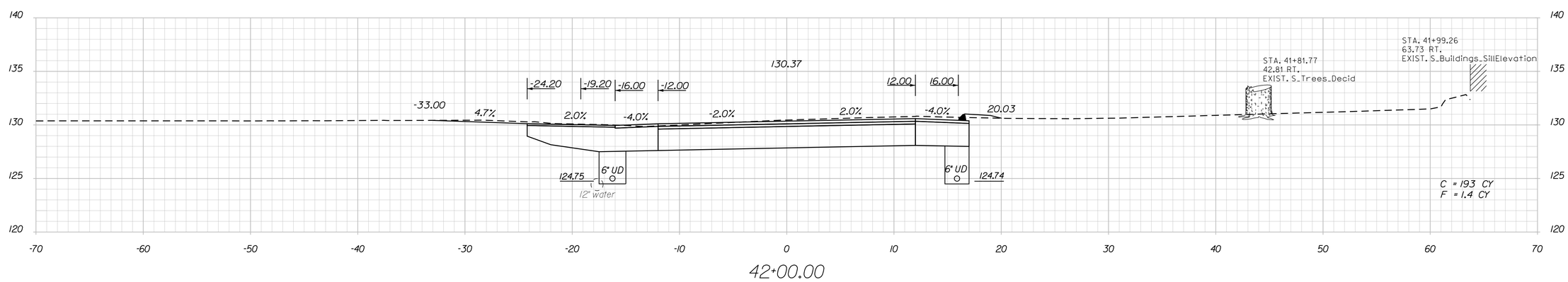
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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THOMASTON
U.S. ROUTE 1

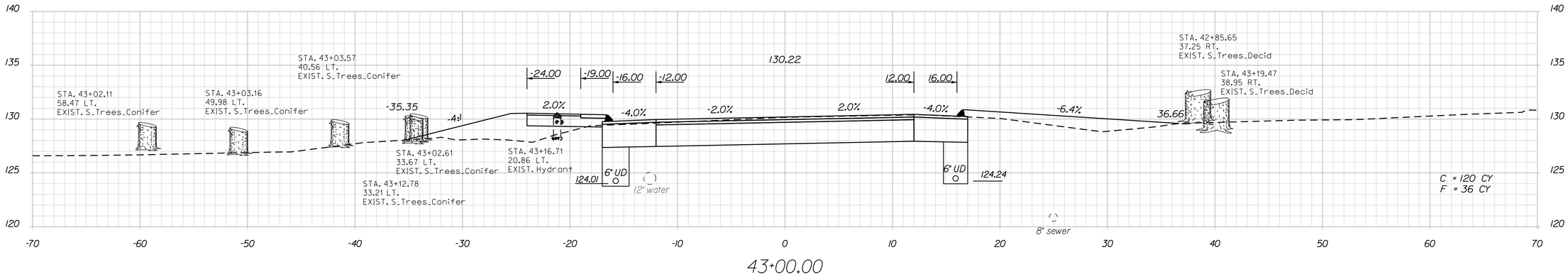
CROSS SECTIONS

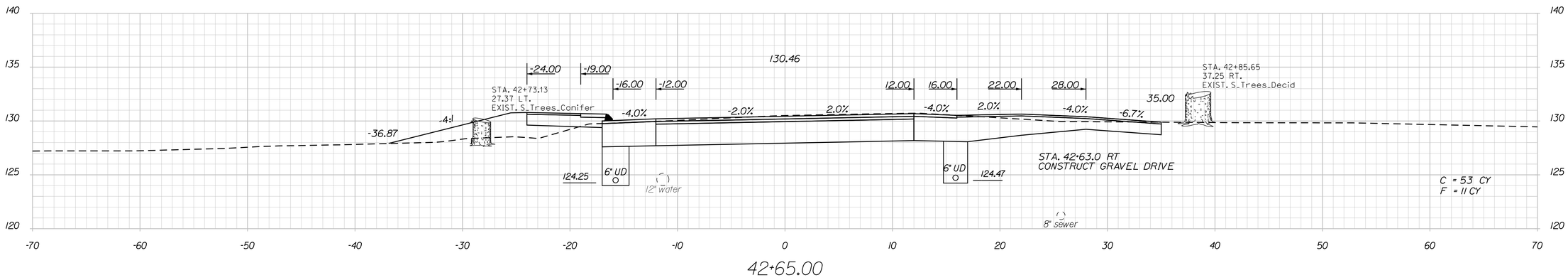
SHEET NUMBER

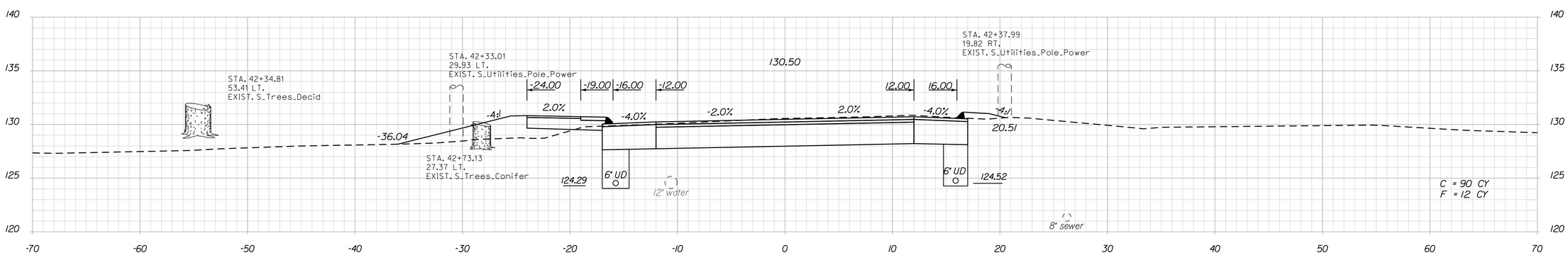
83

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STA. 42+45.00, 15.00' LT. TO CB#9
INSTALL 6" X 264' UD TYPE "B"

STA. 42+45.00, 15.00' RT. TO CB#11
INSTALL 6" X 460' UD TYPE "B"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

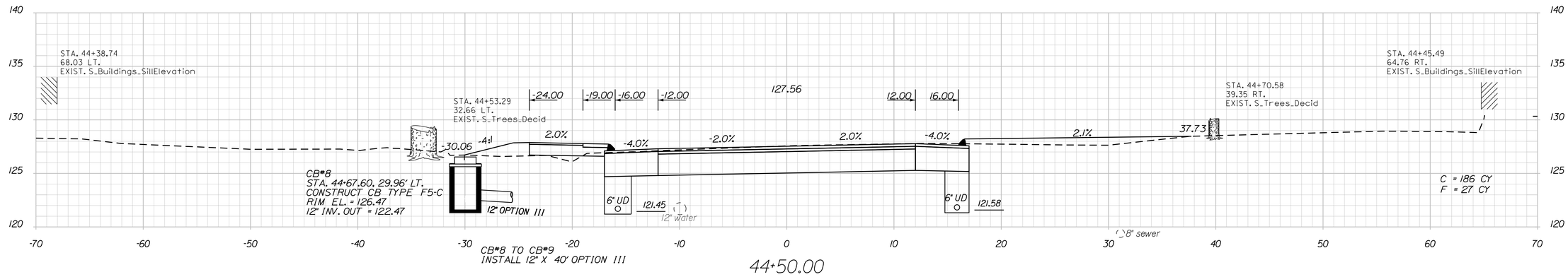
CROSS SECTIONS

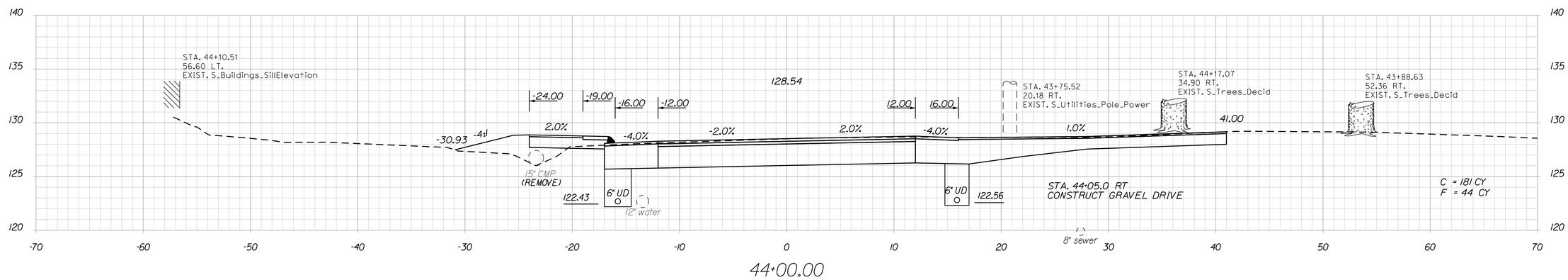
SHEET NUMBER

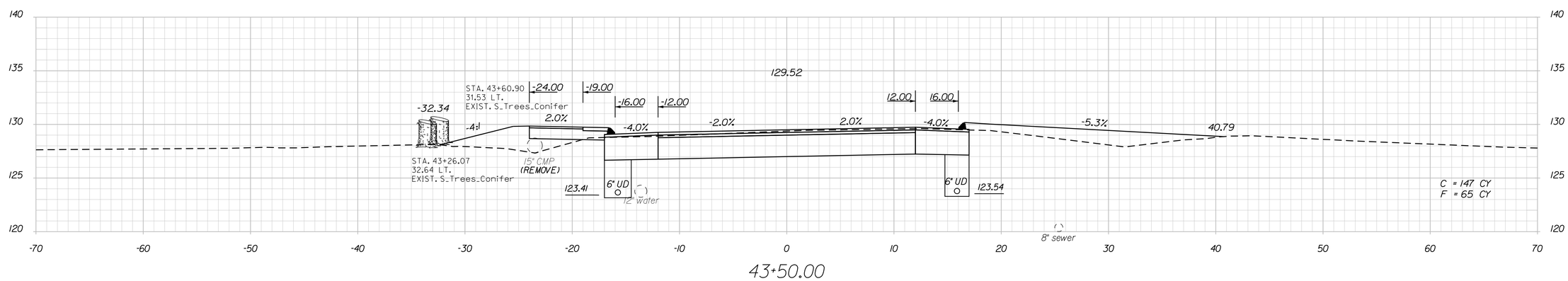
84

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANITY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

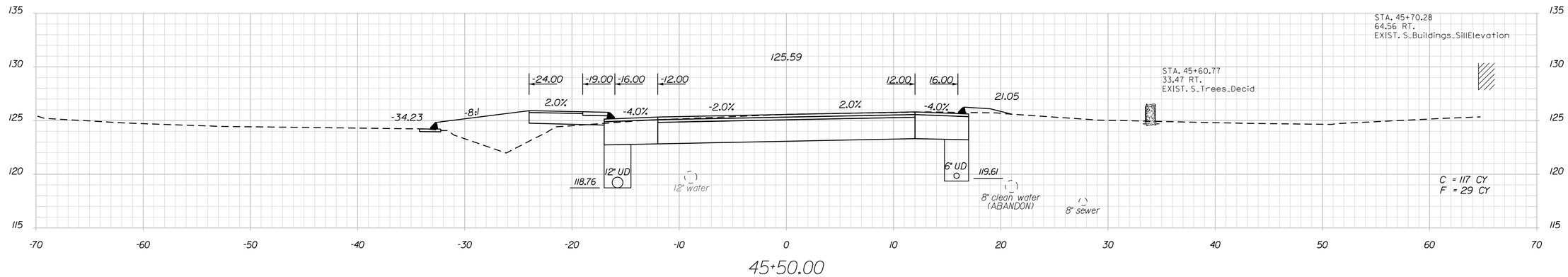
CROSS SECTIONS

SHEET NUMBER

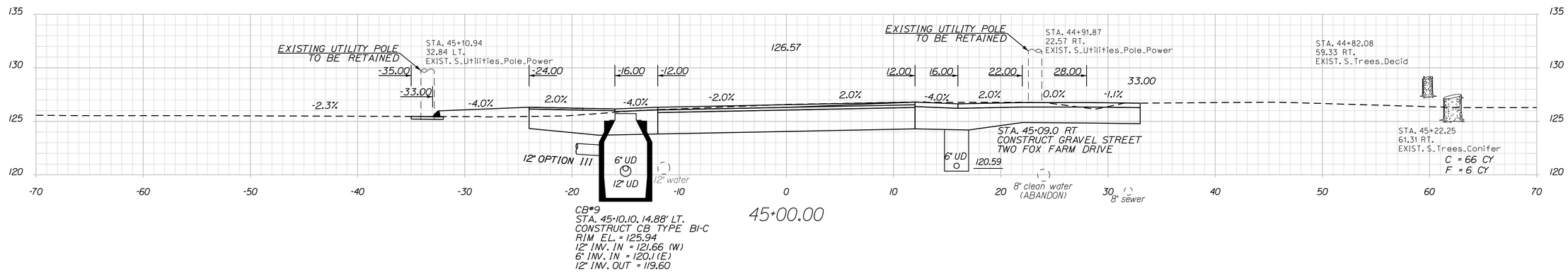
85

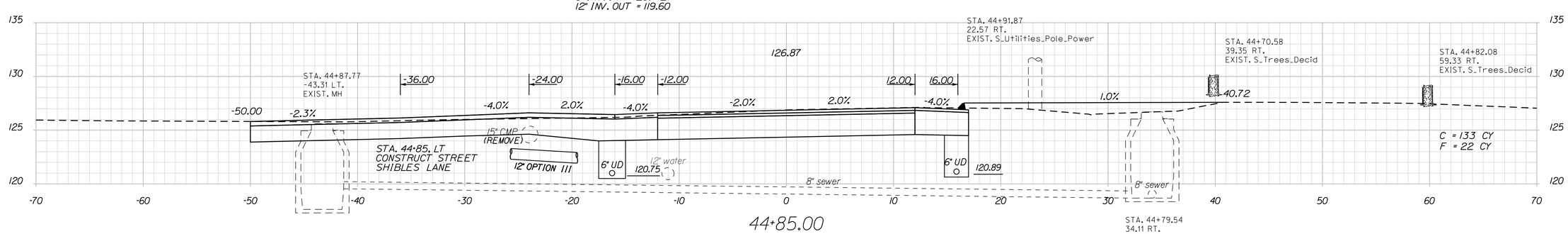
OF 187

Filename: ...\00\HIGHWAY\MSTA1\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



CB#9 TO CB#10
INSTALL 12" X 170' UD TYPE "C"





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SMITY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

86

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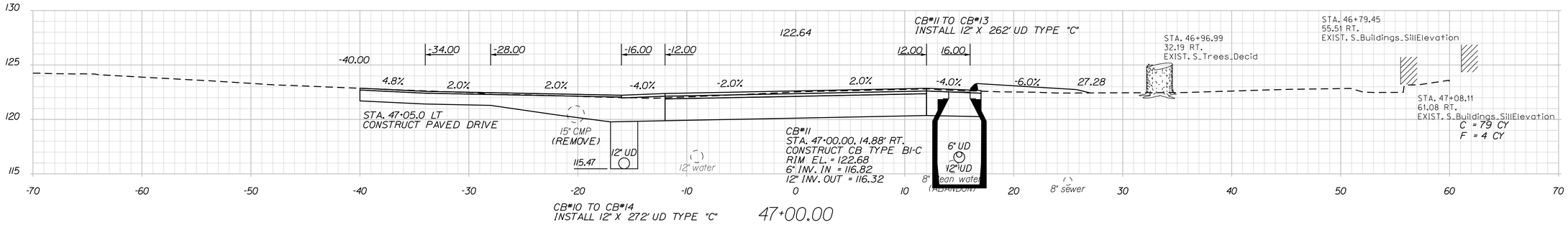
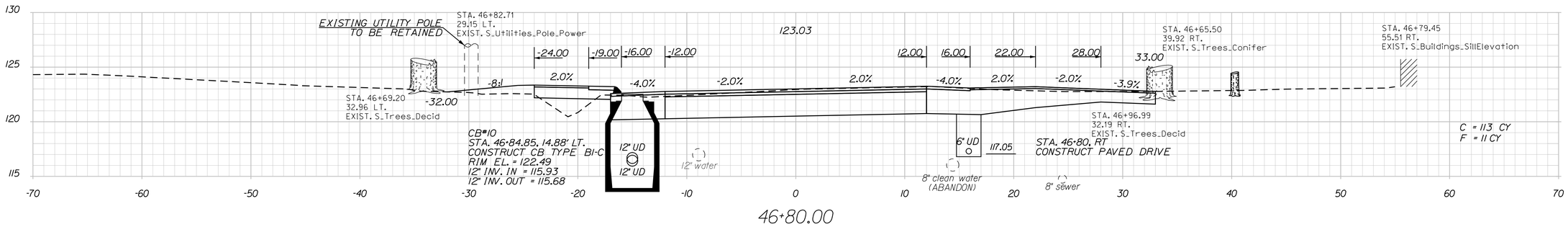
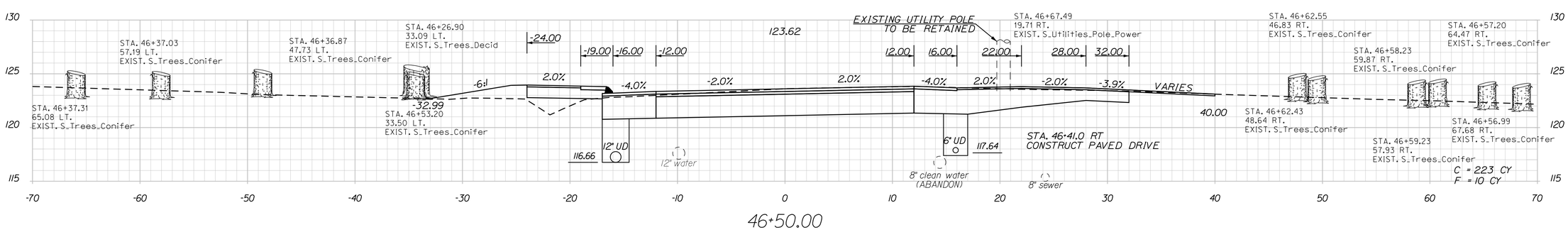
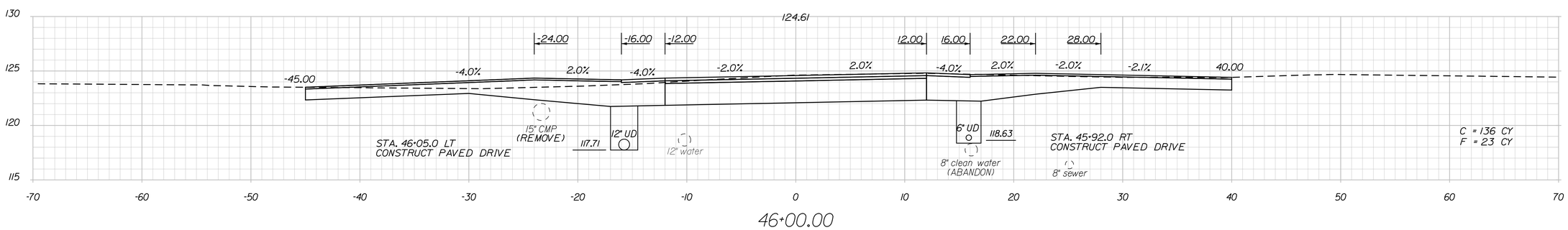
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

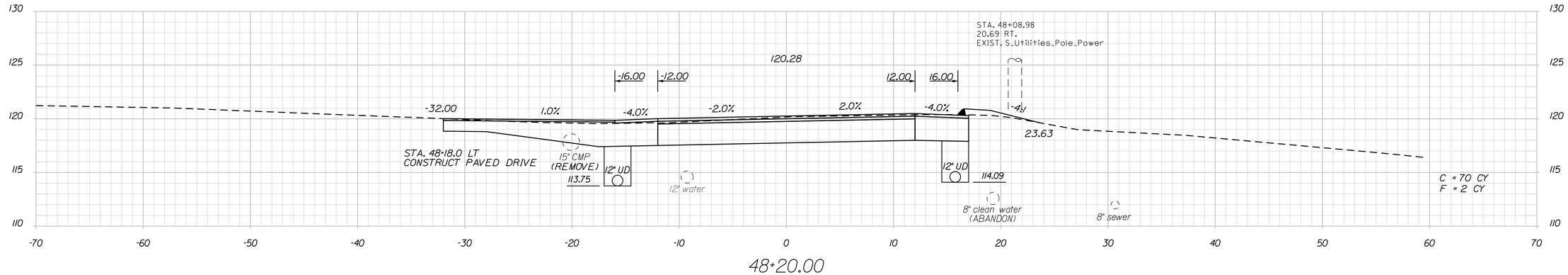
DATE

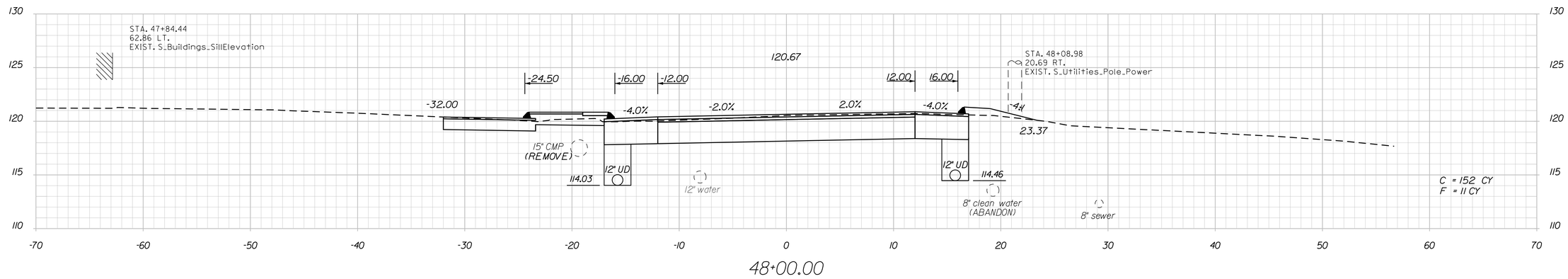
THOMASTON
U.S. ROUTE 1

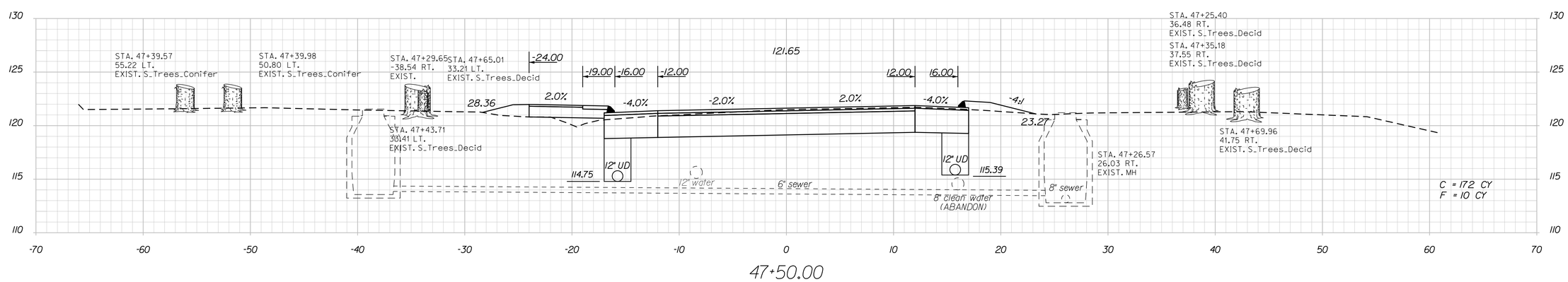
CROSS SECTIONS

SHEET NUMBER
87
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\\\5
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

88

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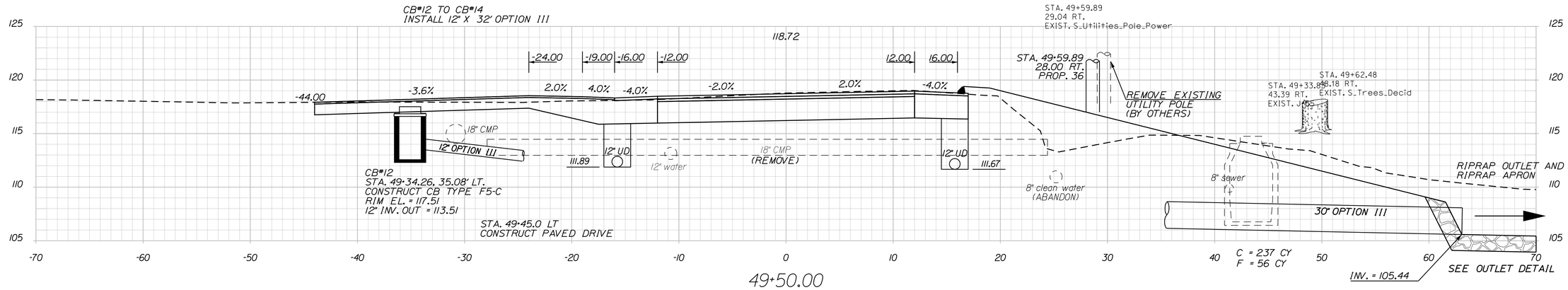
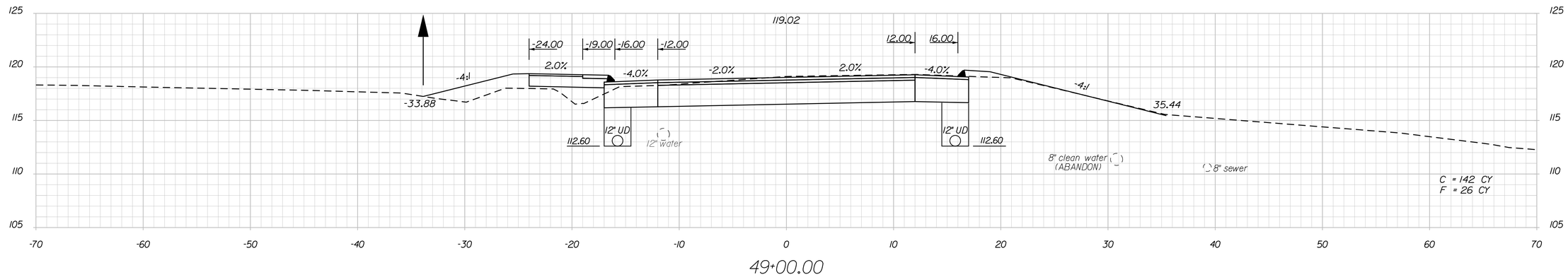
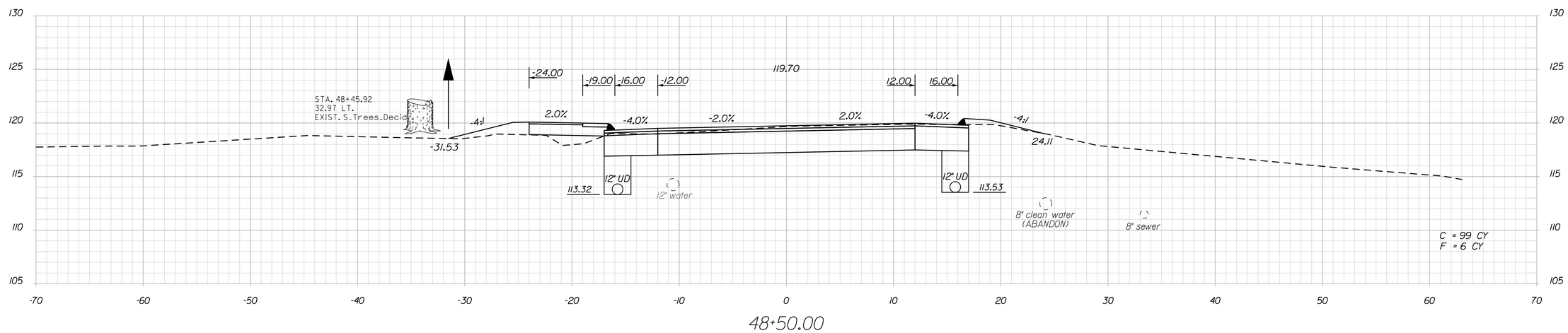
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

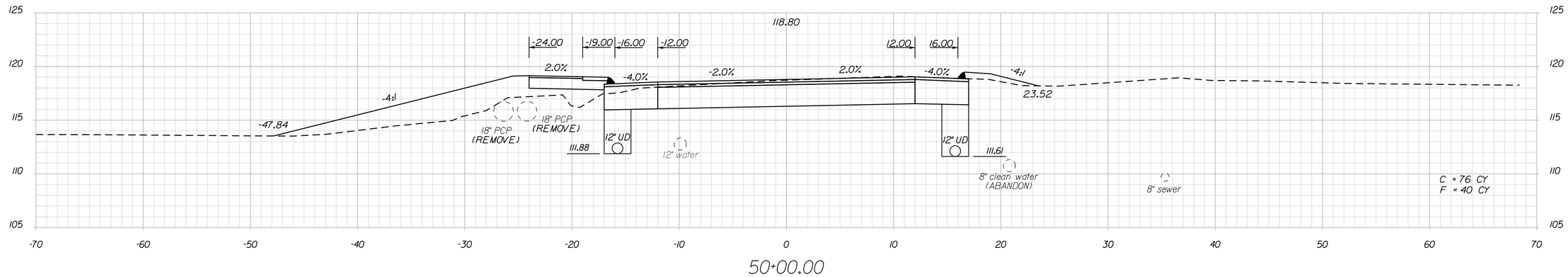
DATE

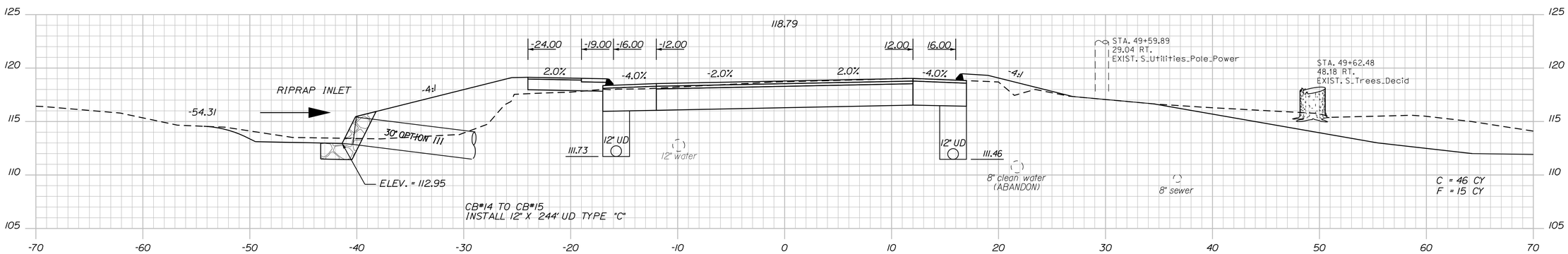
THOMASTON
U.S. ROUTE 1

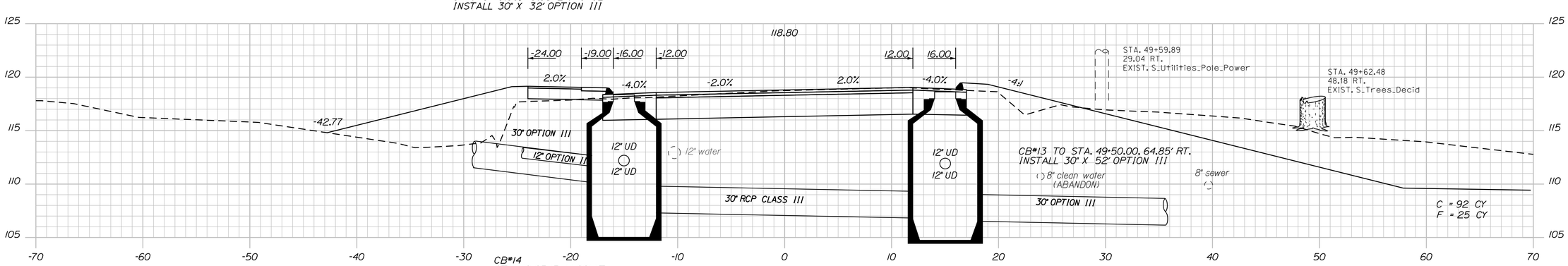
CROSS SECTIONS

SHEET NUMBER
89
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

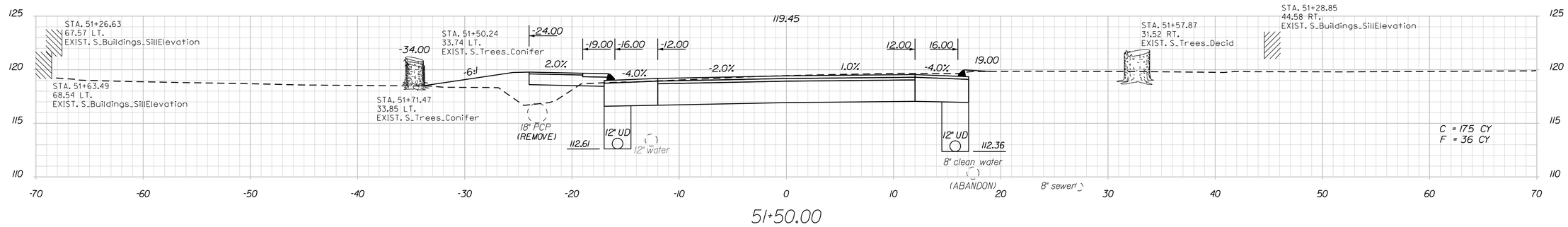
CROSS SECTIONS

SHEET NUMBER

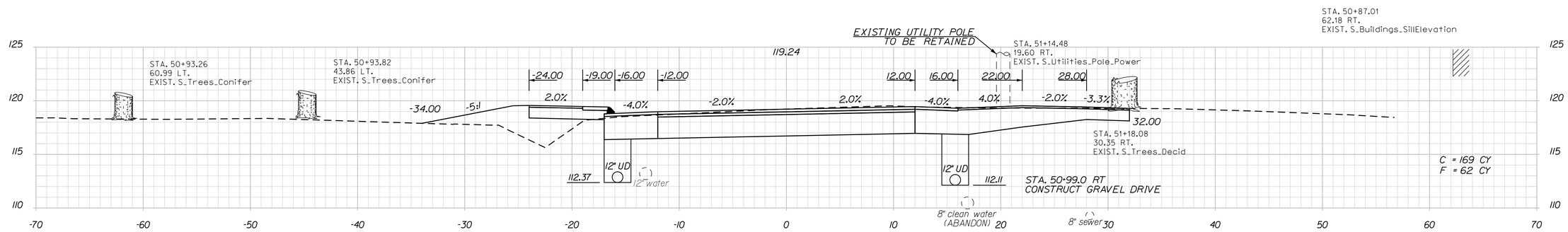
90

OF 187

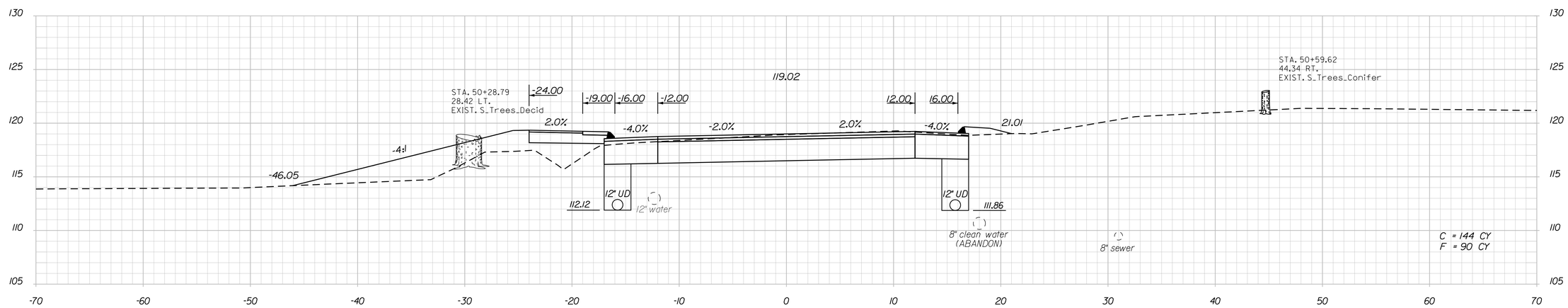
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



51+50.00



51+00.00



50+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

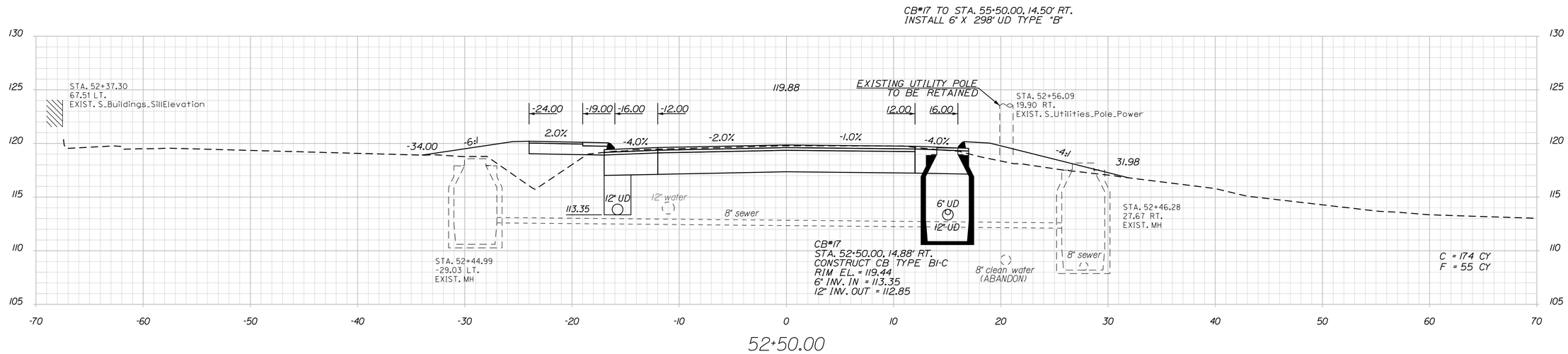
DATE

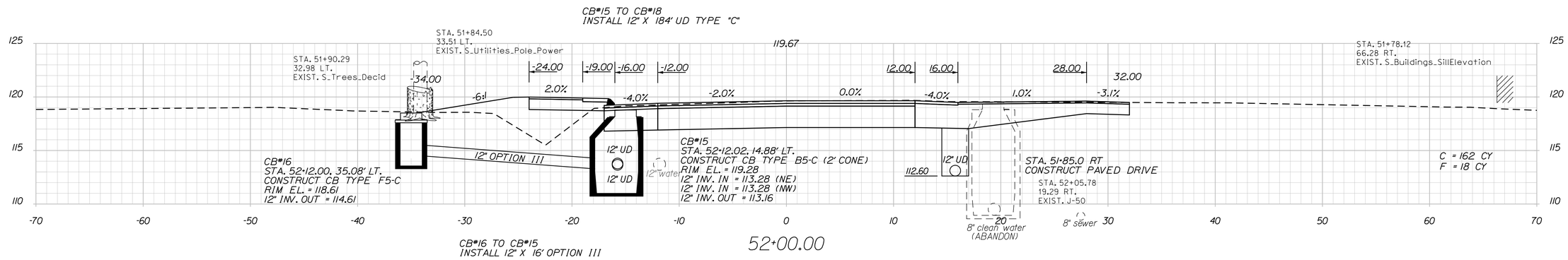
THOMASTON
U.S. ROUTE 1

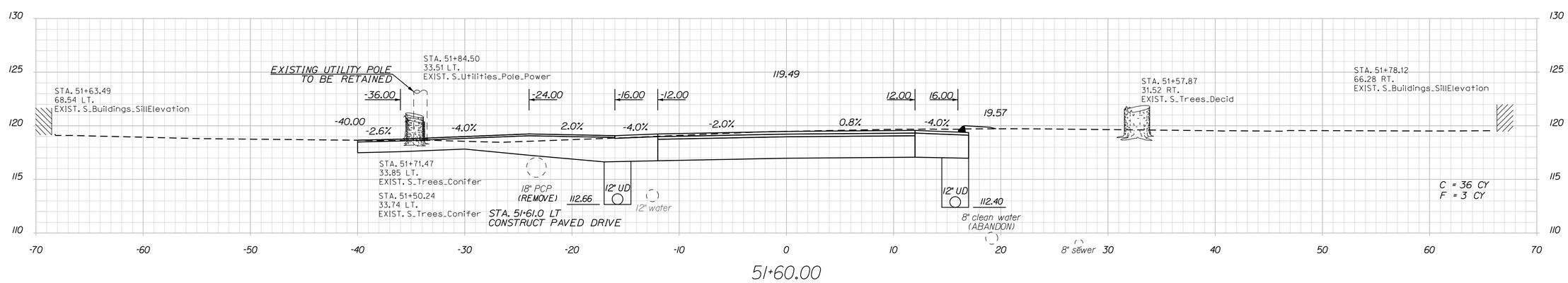
CROSS SECTIONS

SHEET NUMBER
91
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	J.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

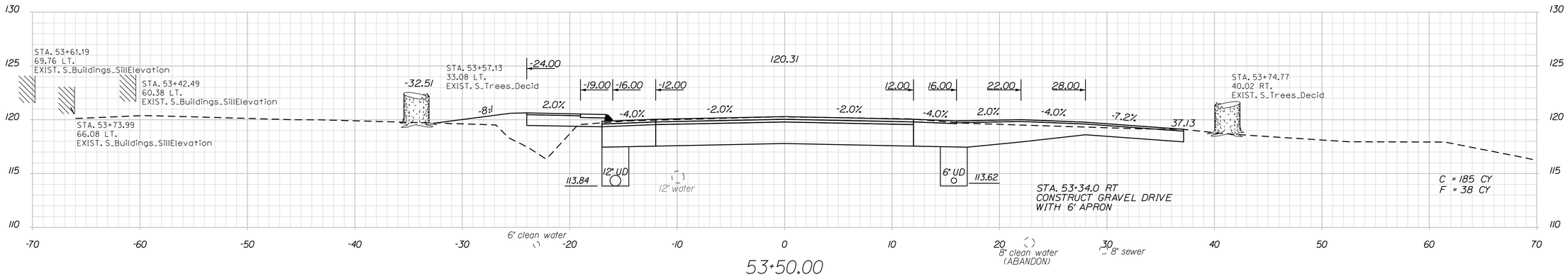
CROSS SECTIONS

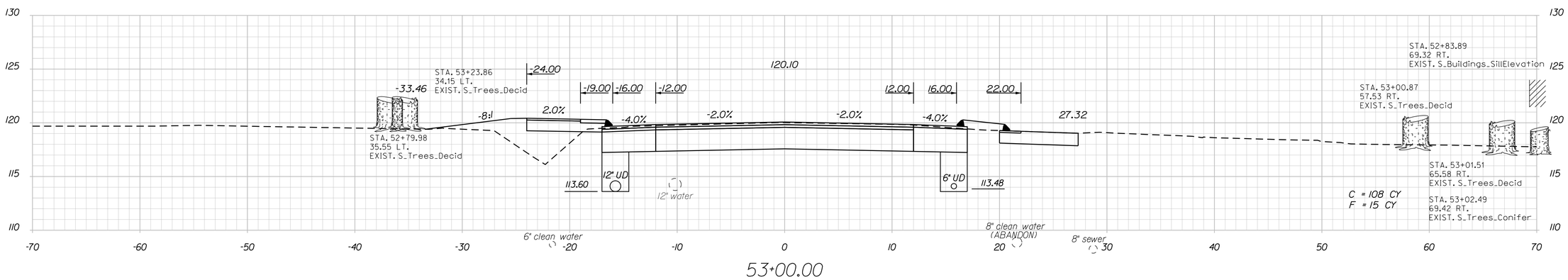
SHEET NUMBER

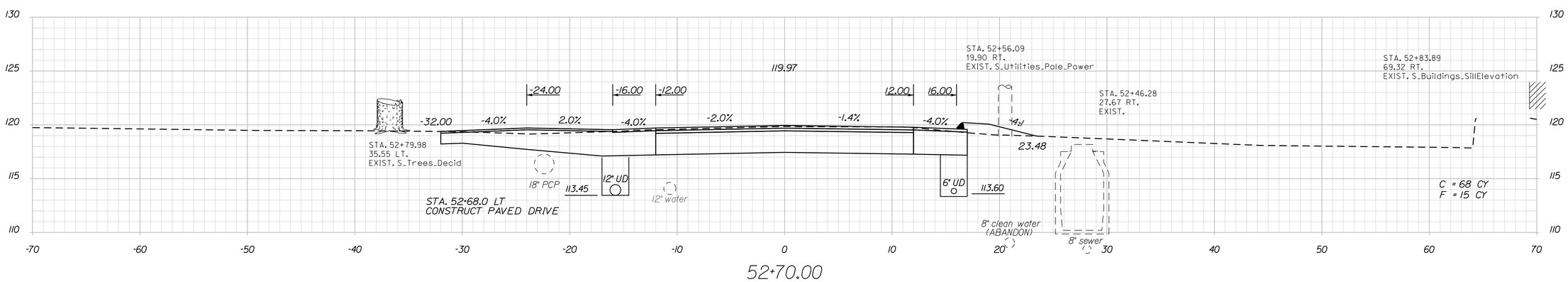
92

OF 187

Date:10/28/2015 Username: common Division: HIGHWAY Filename: ...\00\HIGHWAY\MSTA1xsect.dgn







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

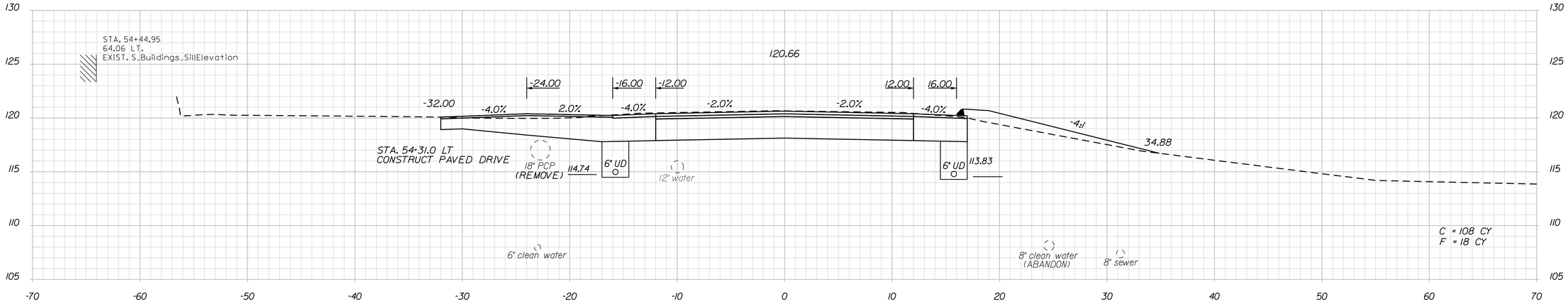
DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

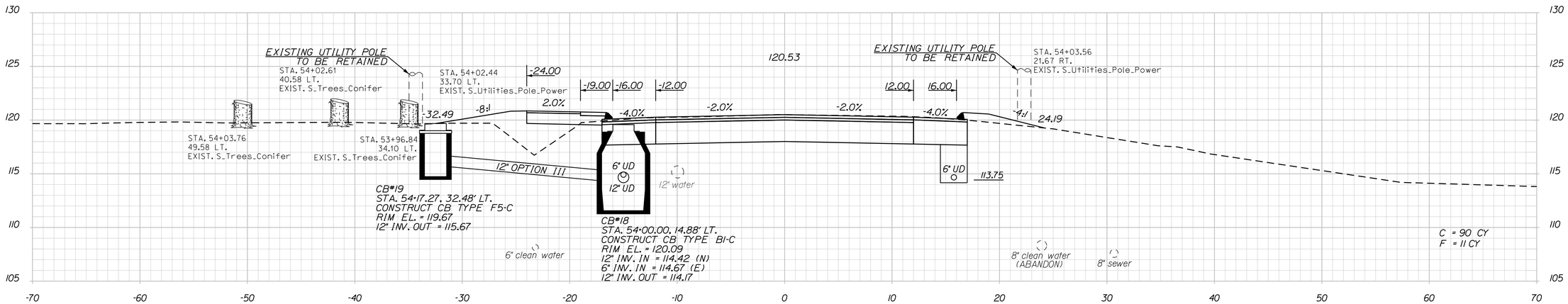
SHEET NUMBER
93
OF 187

Filename: ...\00\HIGHWAY\MSTA1\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



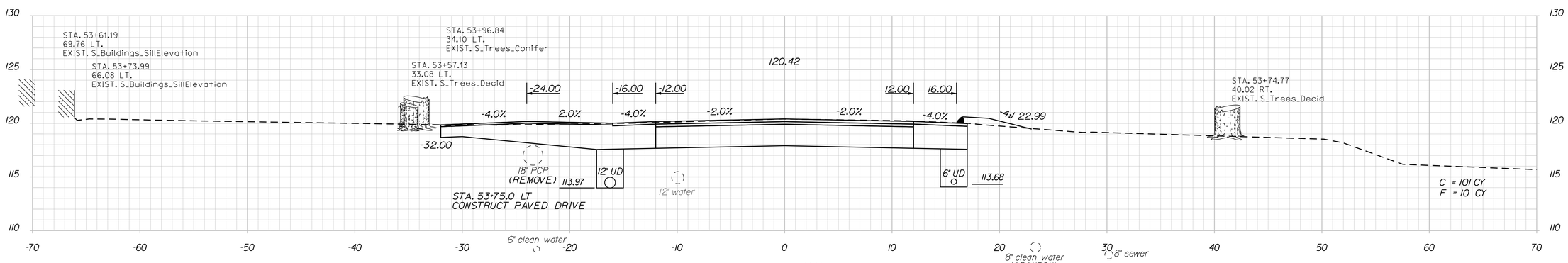
54+30.00

CB*18 TO STA. 55+73.63, 14.50' LT
INSTALL 6' X 172' UD TYPE "B"



CB*18 TO CB*19
INSTALL 12' X 24' OPTION III

54+00.00



53+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

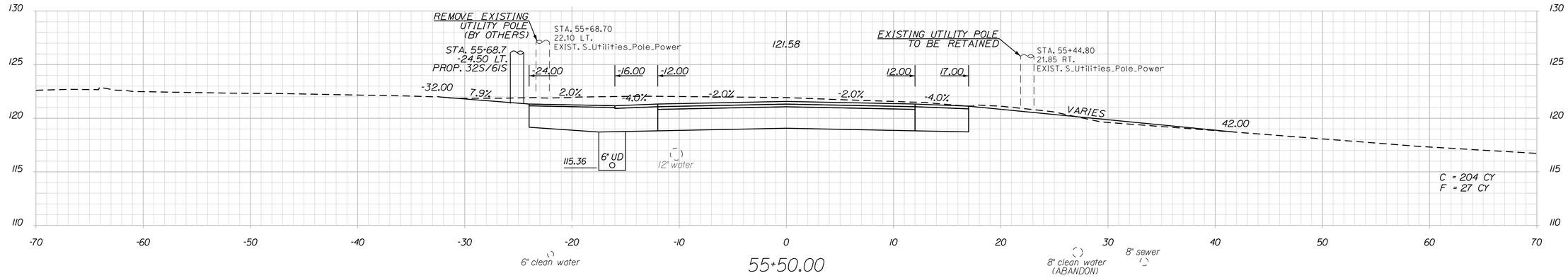
DATE

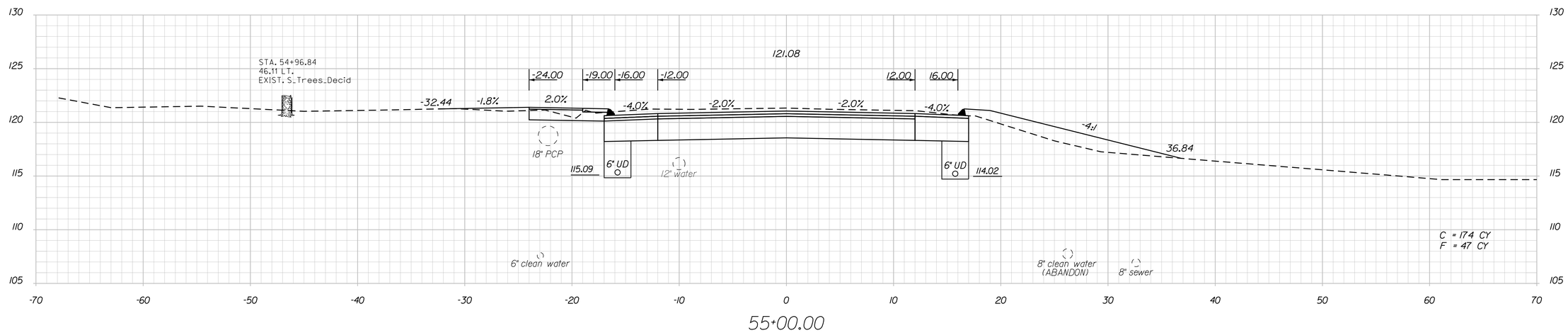
THOMASTON
U.S. ROUTE 1

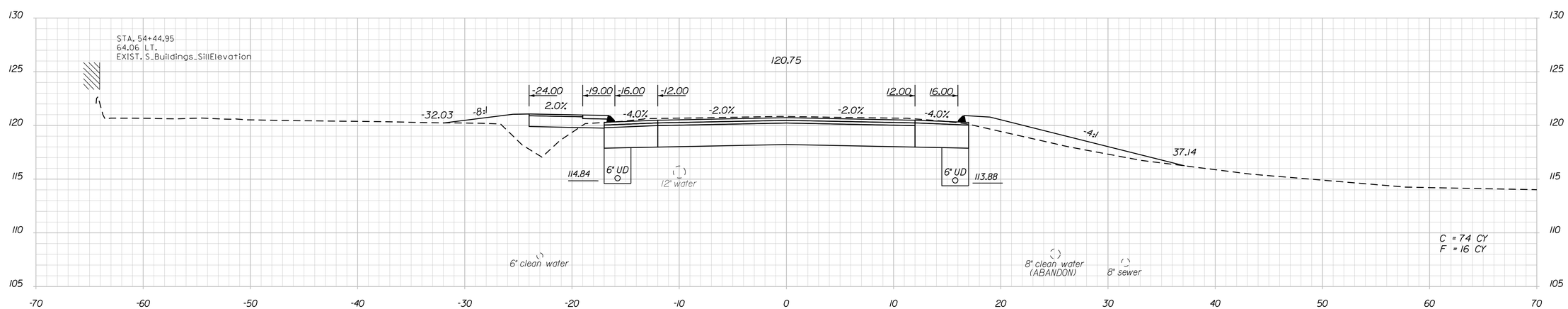
CROSS SECTIONS

SHEET NUMBER
94
OF 187

Date:10/28/2015
Username: common
Division: HIGHWAY
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	C.SANTY	
DESIGN2-DETAILED2	L.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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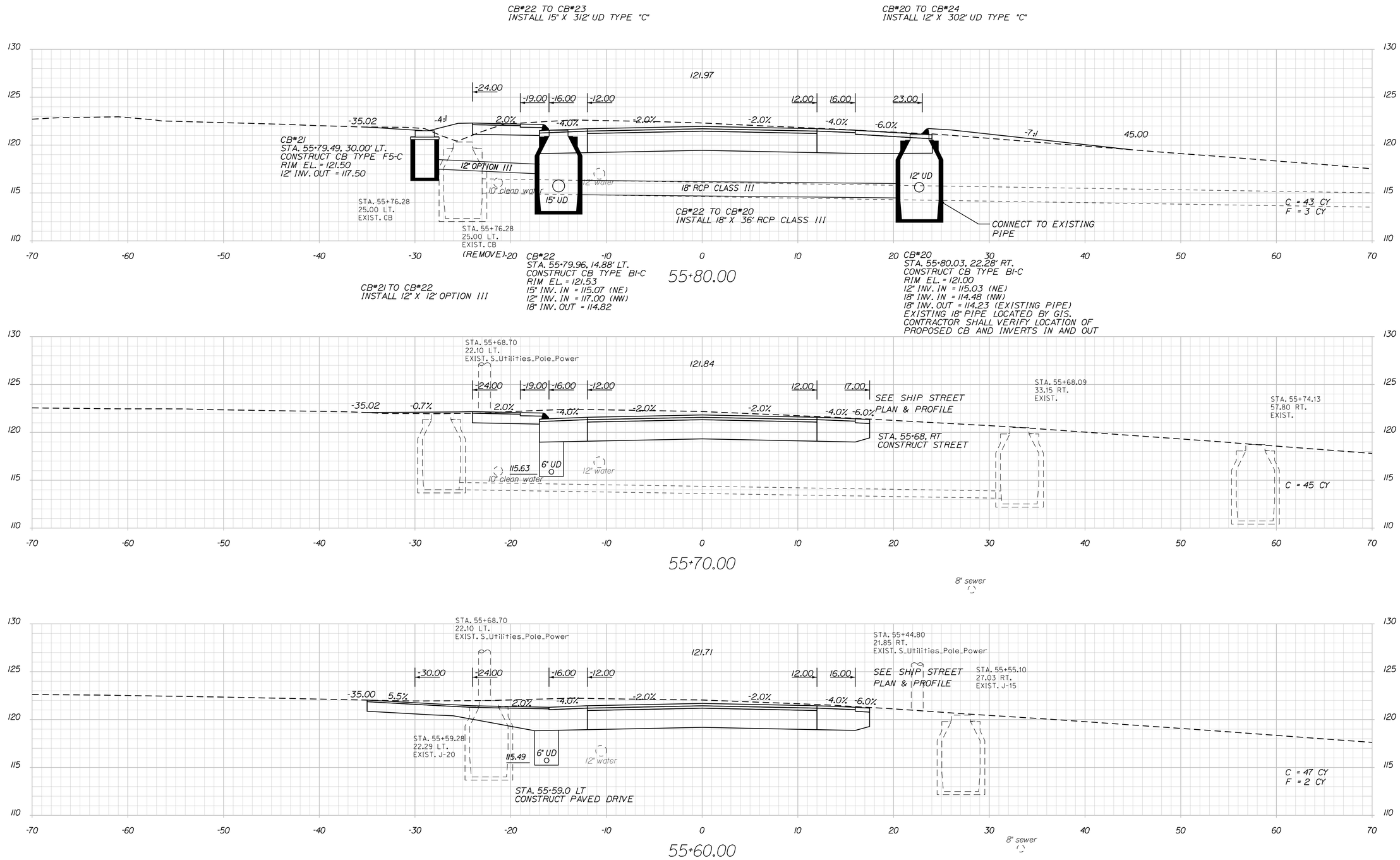
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

96

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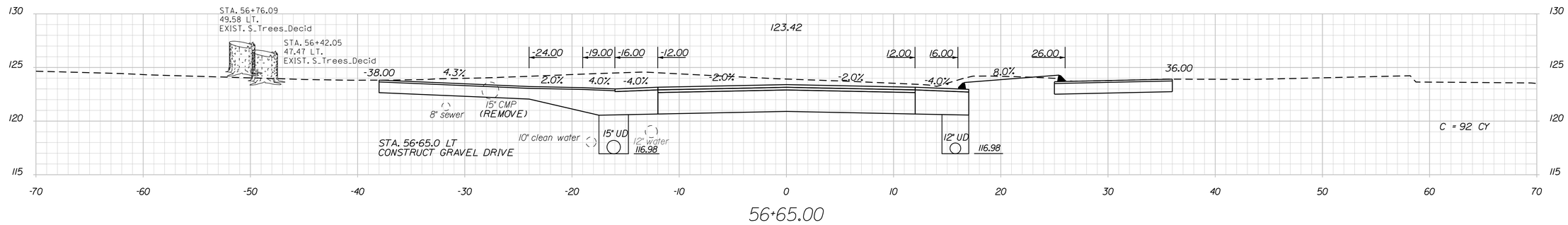
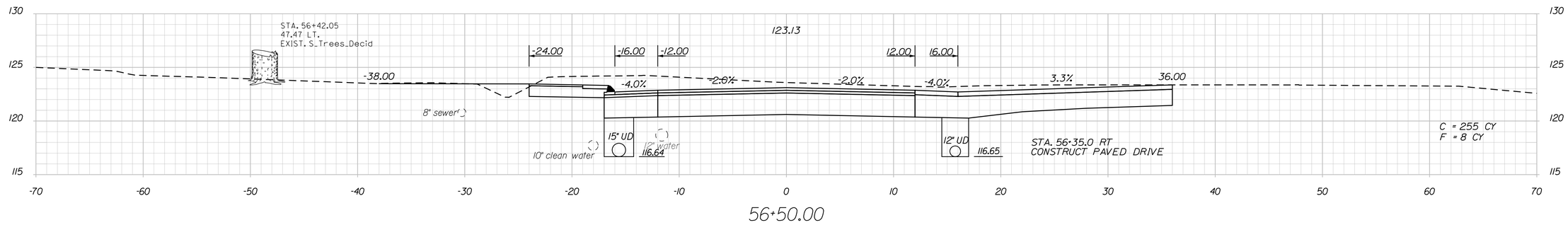
Date:10/28/2015

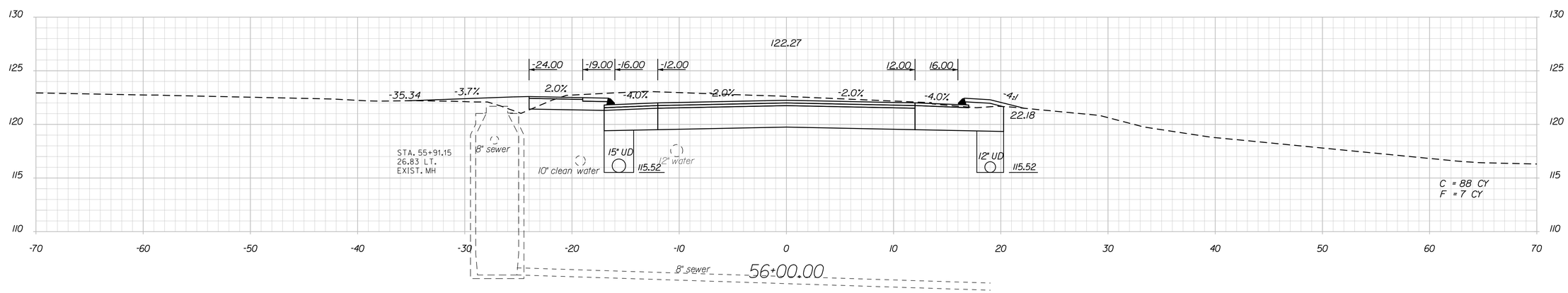
Username: common

Division: HIGHWAY

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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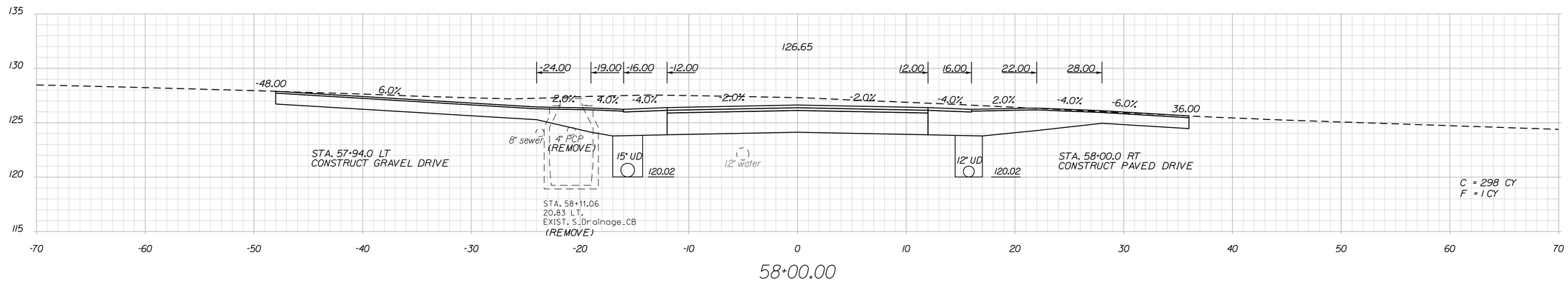
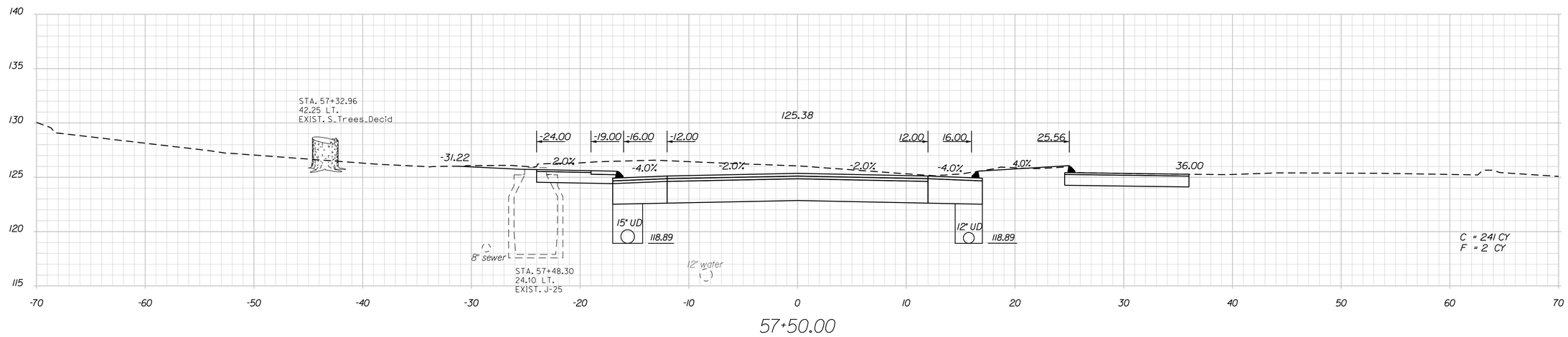
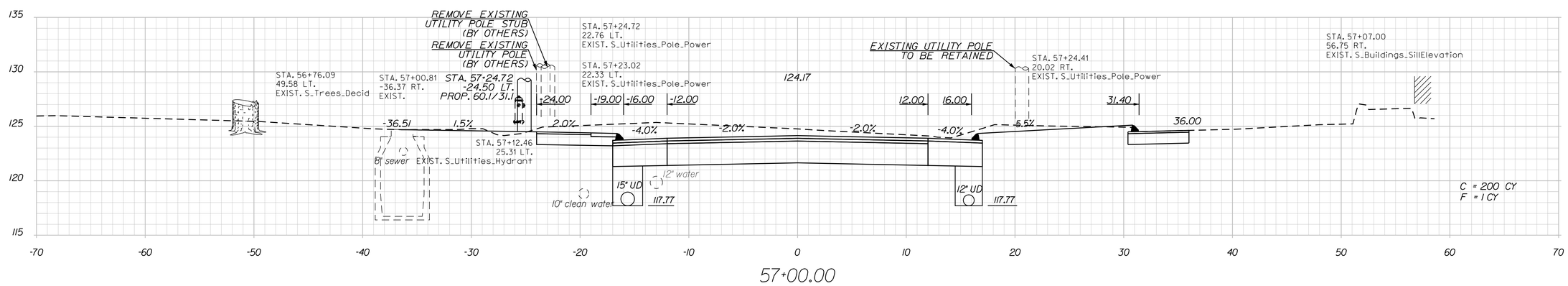
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANITY		
DESIGN2-DETAILED2	L.MAYNARD		
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REVISIONS 1			
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THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

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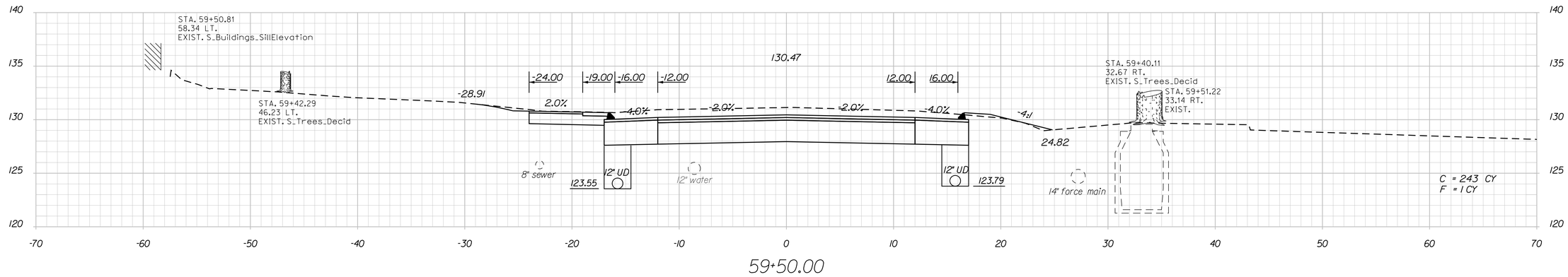
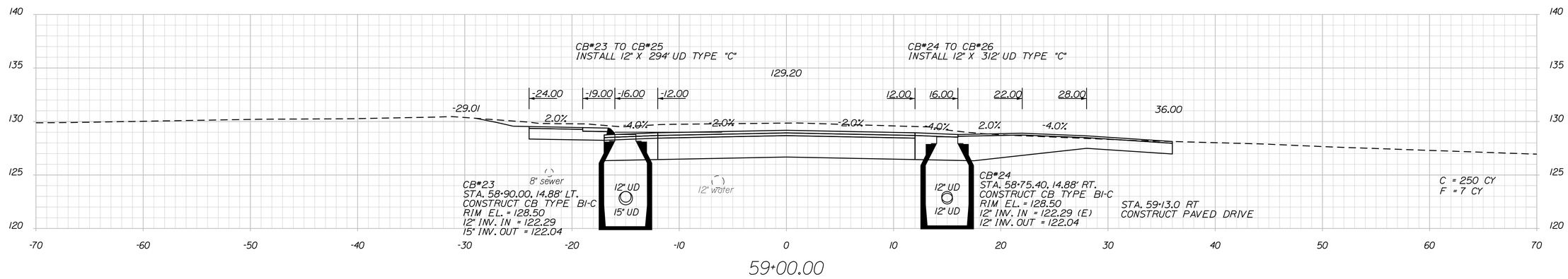
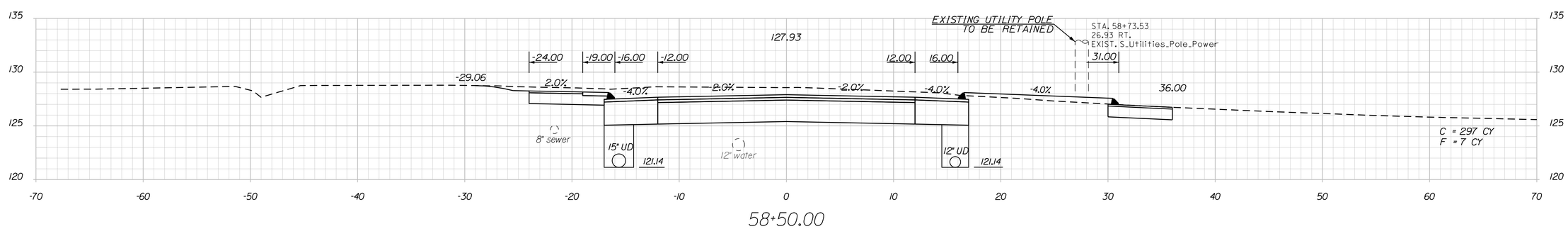
Filename: ...\00\HIGHWAY\MSTA1\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

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PROJ. MANAGER	E.MARTIN		
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REVISIONS 4			
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CROSS SECTIONS

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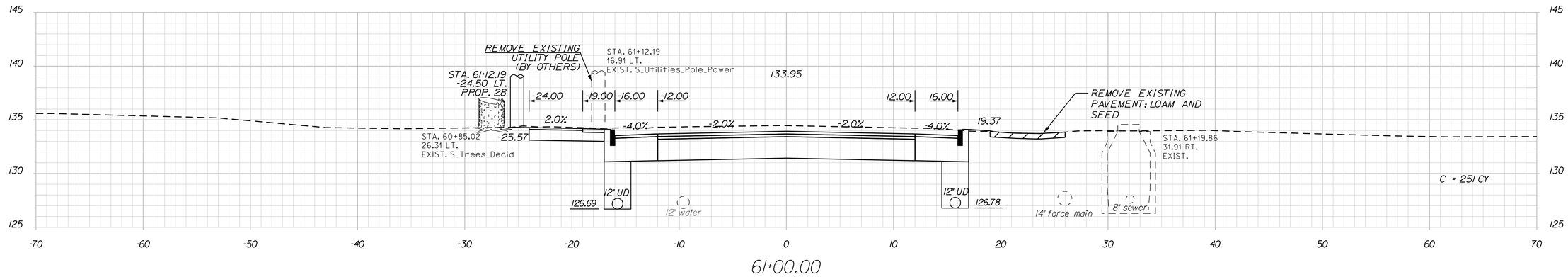
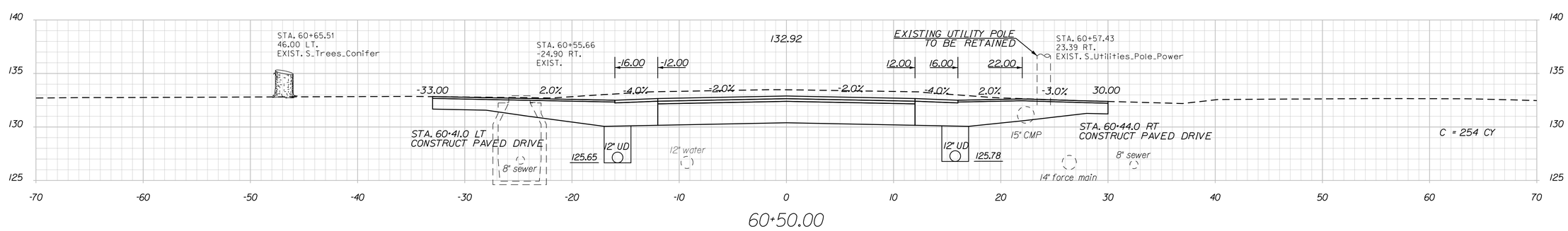
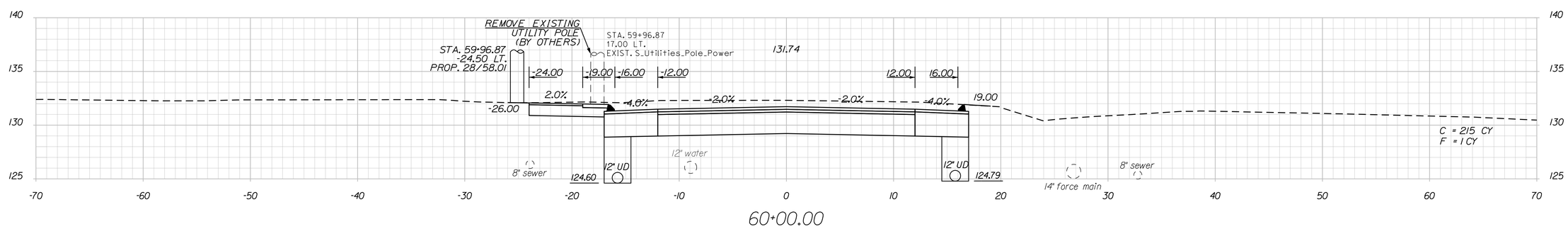
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
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STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
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DESIGN2-DETAILED2	J.MAYNARD	
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

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CROSS SECTIONS

SHEET NUMBER

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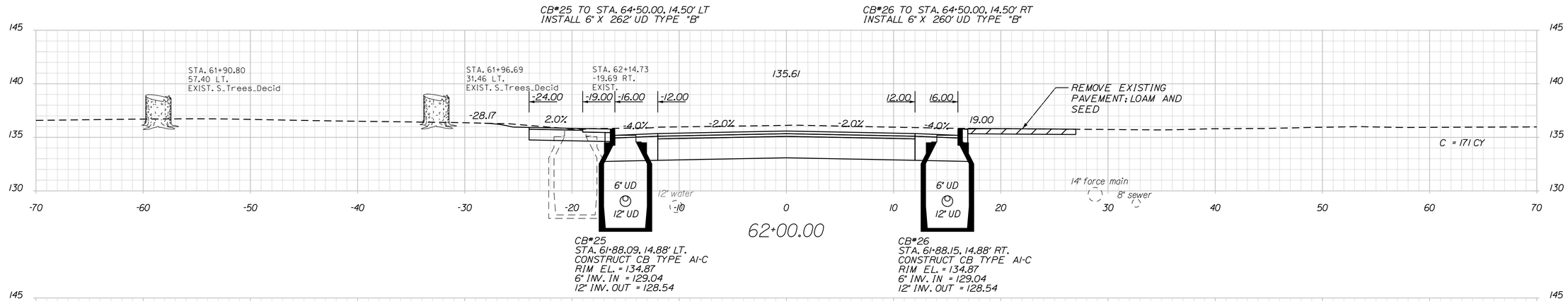
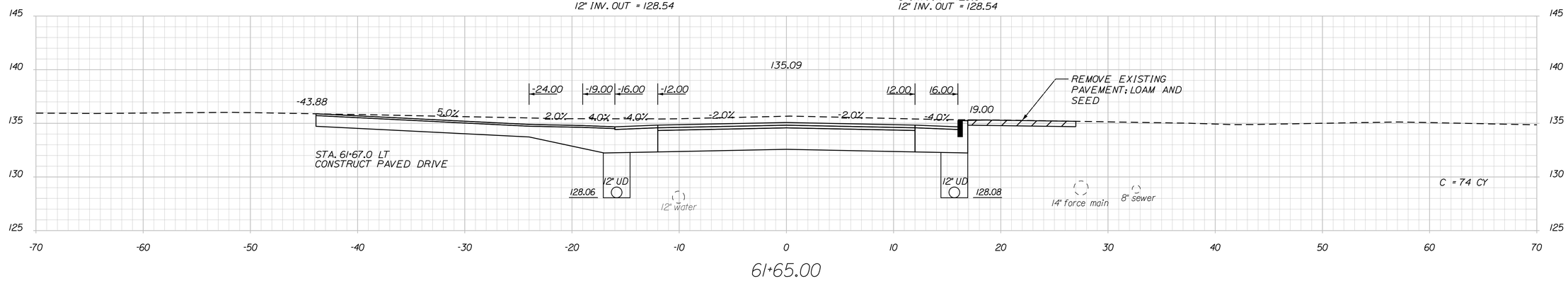
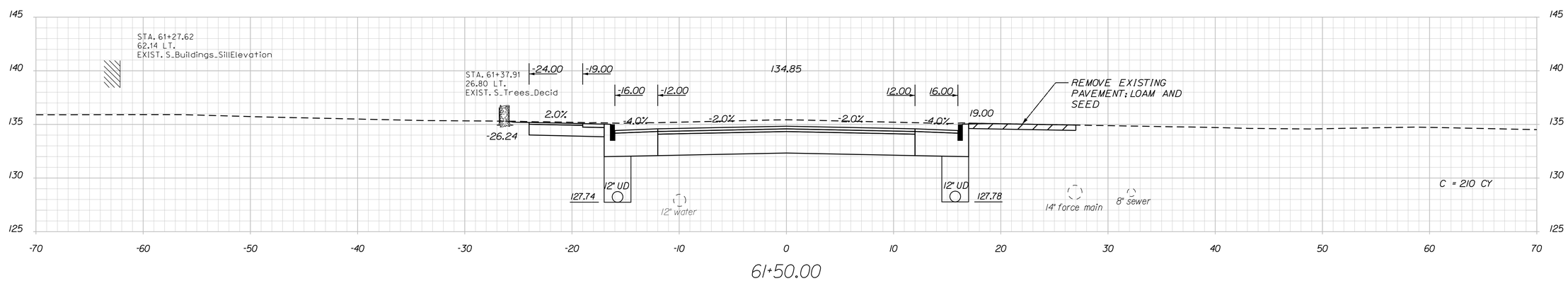
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
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REVISIONS 4			
FIELD CHANGES			

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DATE

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U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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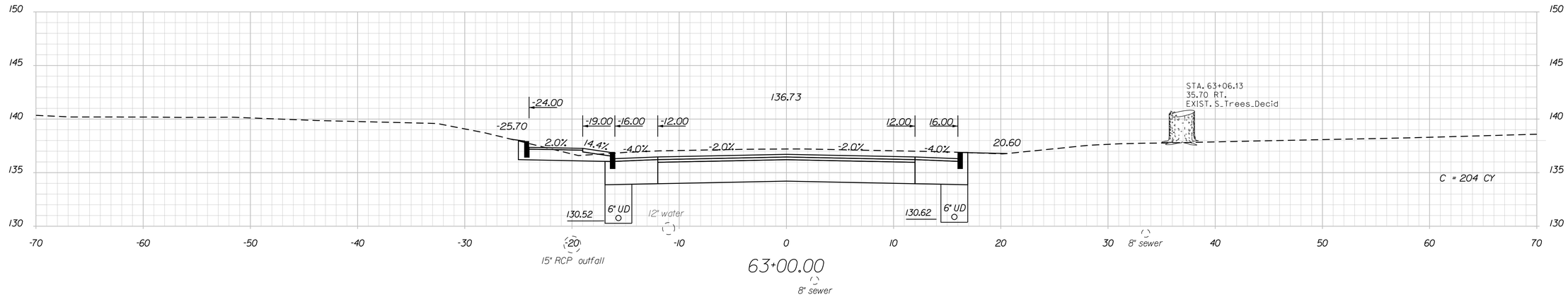
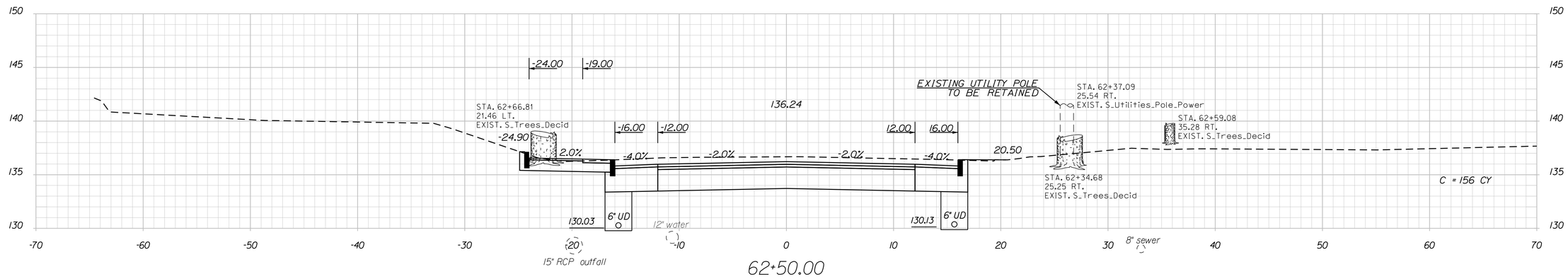
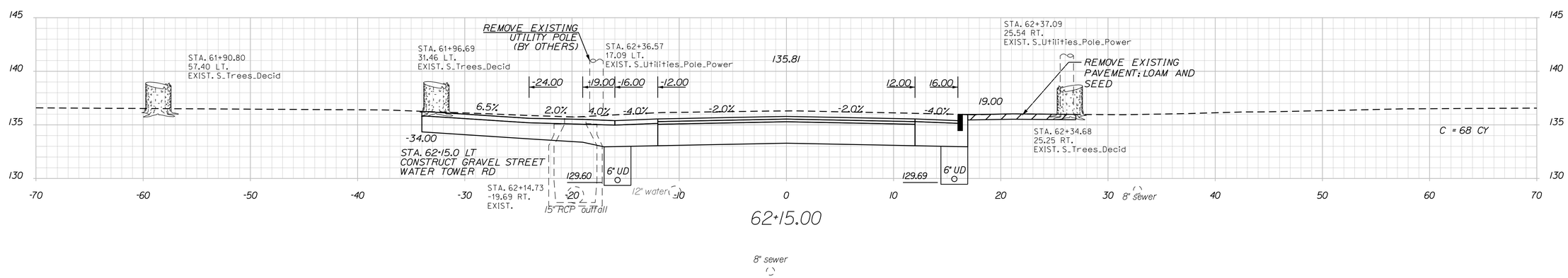
Filename: ...\00\HIGHWAY\MSTA1\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	C.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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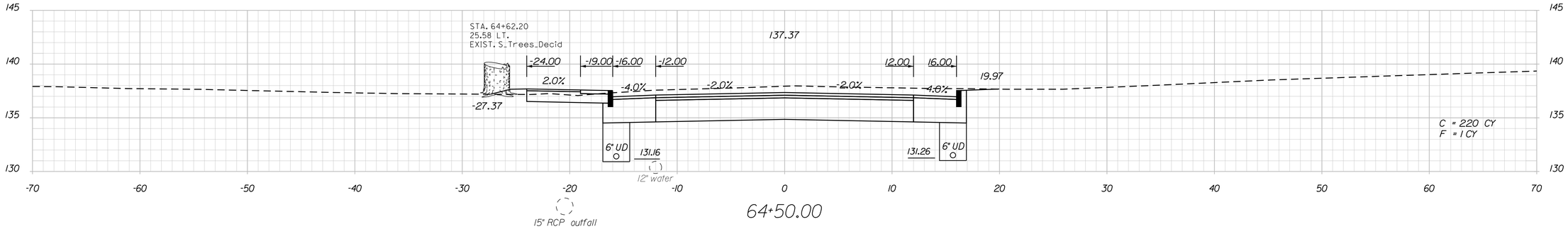
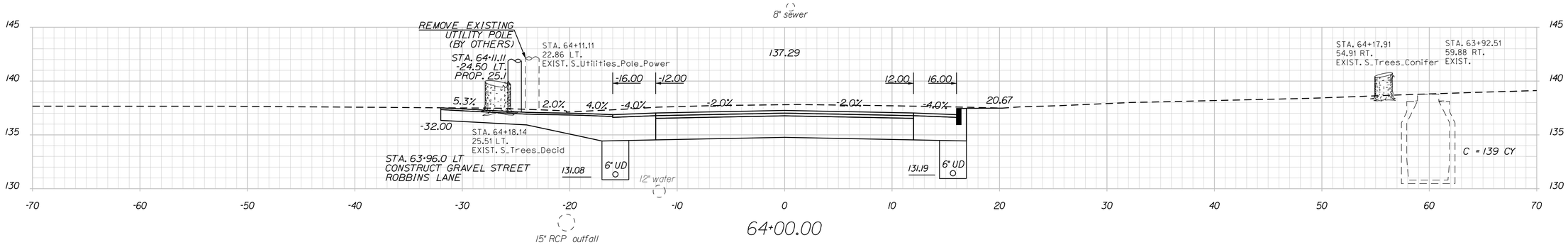
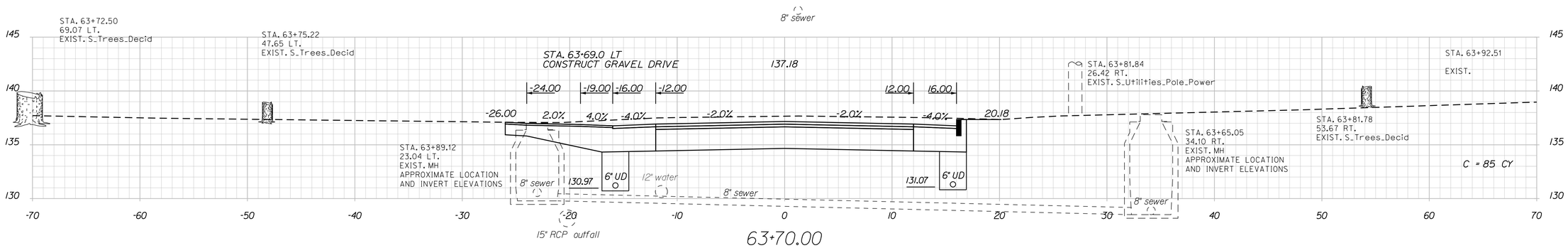
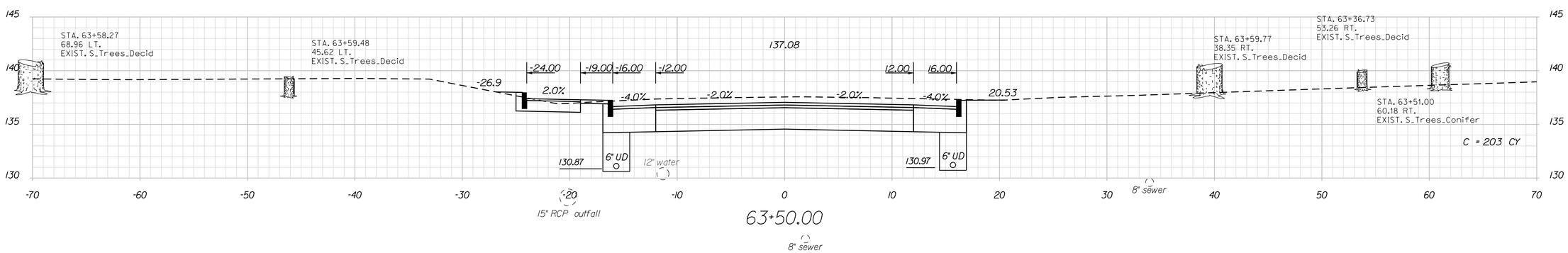
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		10\1\15
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

103

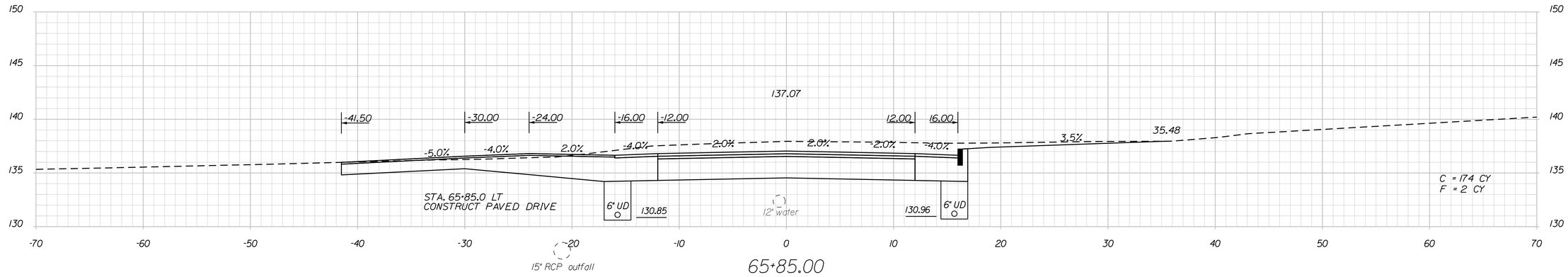
OF 187

Date:10/28/2015

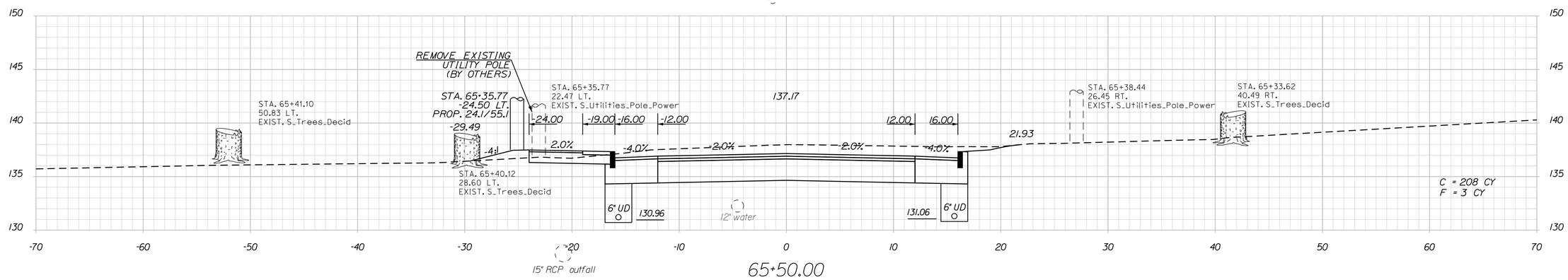
Username: common

Division: HIGHWAY

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn



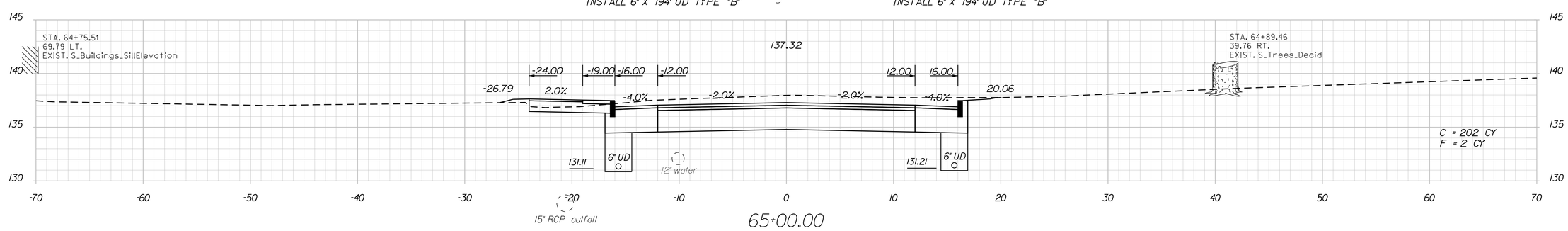
8" sewer



STA. 64+56.00, 14.50' LT. TO CB#27
INSTALL 6" X 194' UD TYPE "B"

8" sewer

STA. 64+56.00, 14.50' RT. TO CB#28
INSTALL 6" X 194' UD TYPE "B"



8" sewer

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

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17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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CROSS SECTIONS

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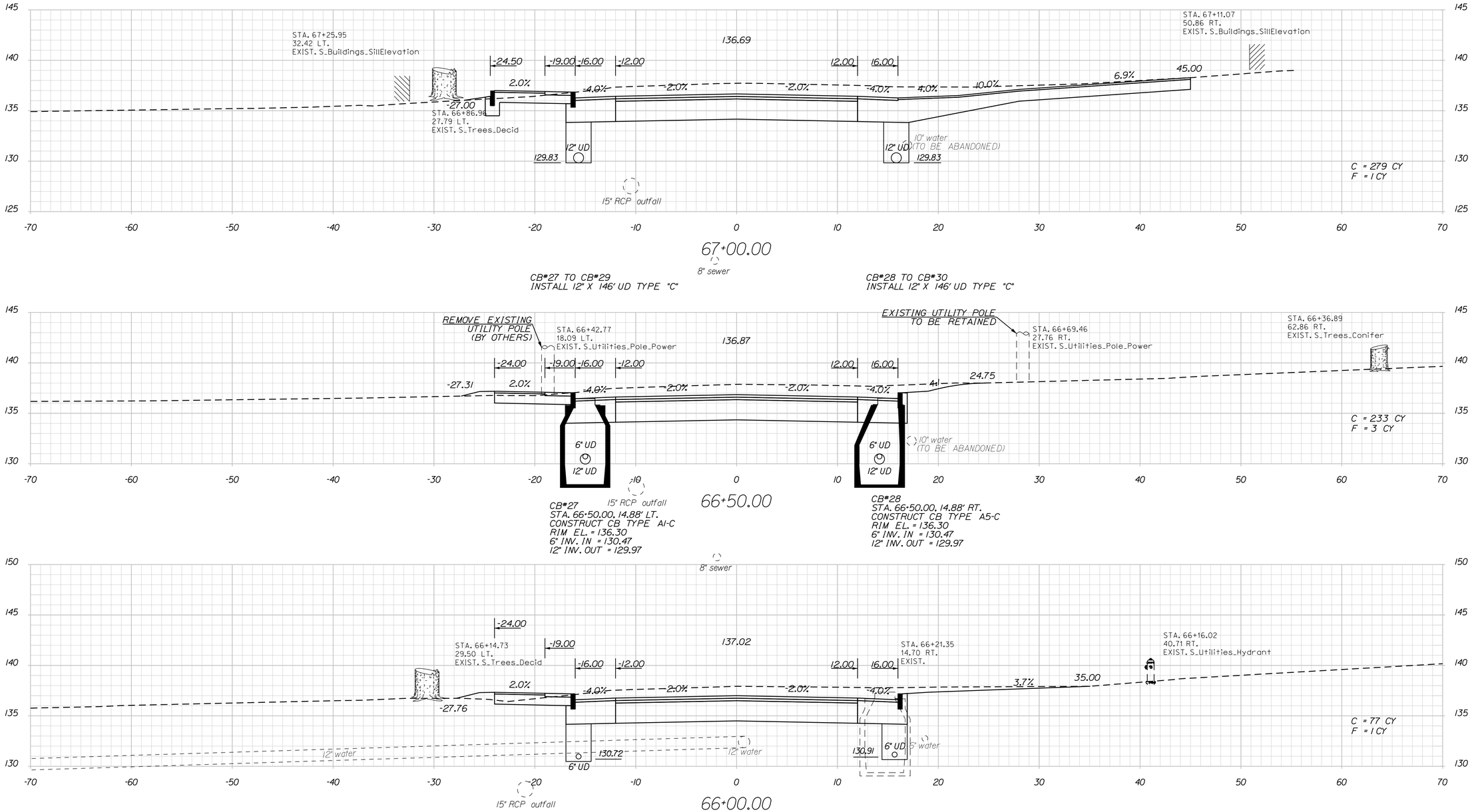
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



STATE OF MAINE
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STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
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REVISIONS 4			
FIELD CHANGES			

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U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

105

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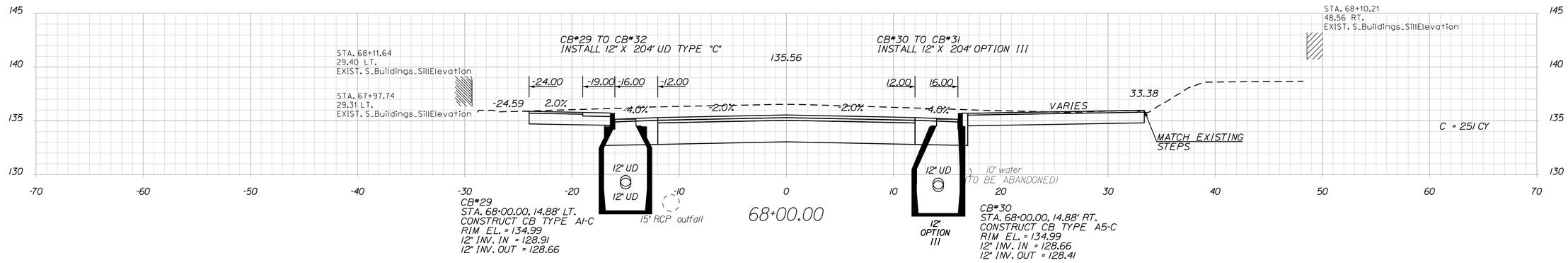
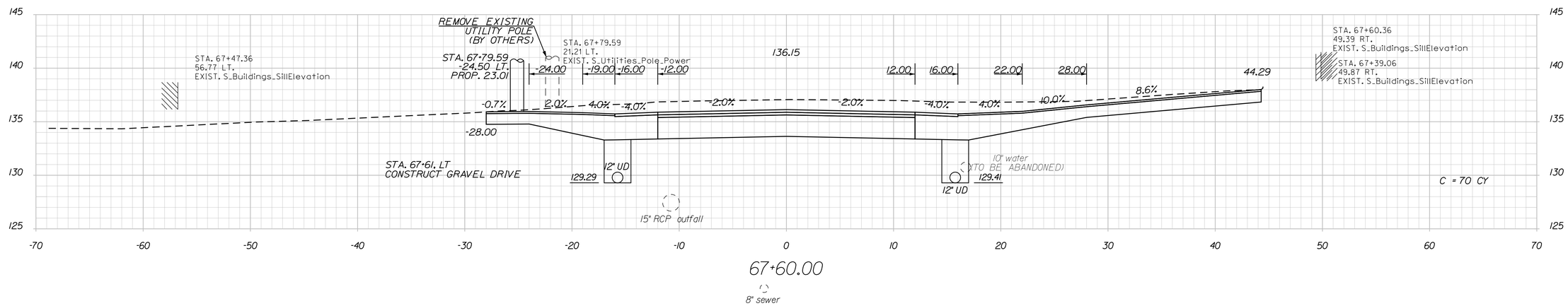
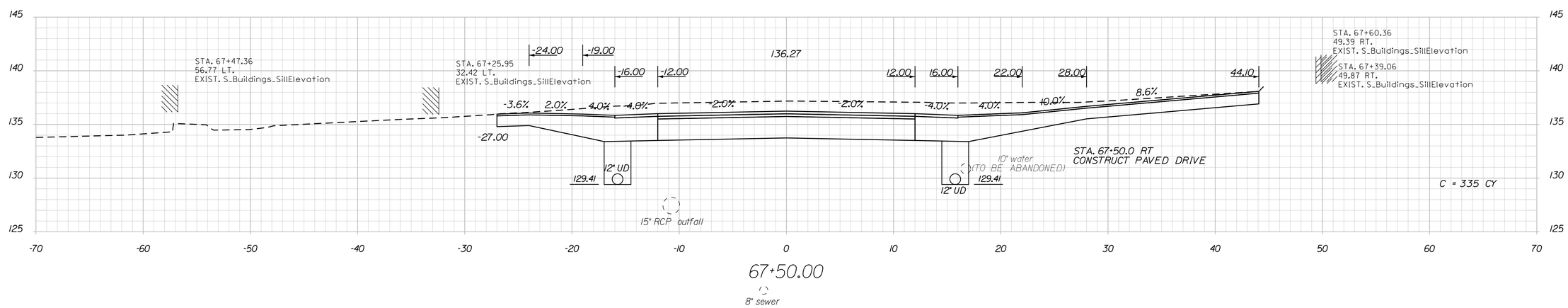
Filename: ...\00\HIGHWAY\MSTA1xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
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DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
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CROSS SECTIONS

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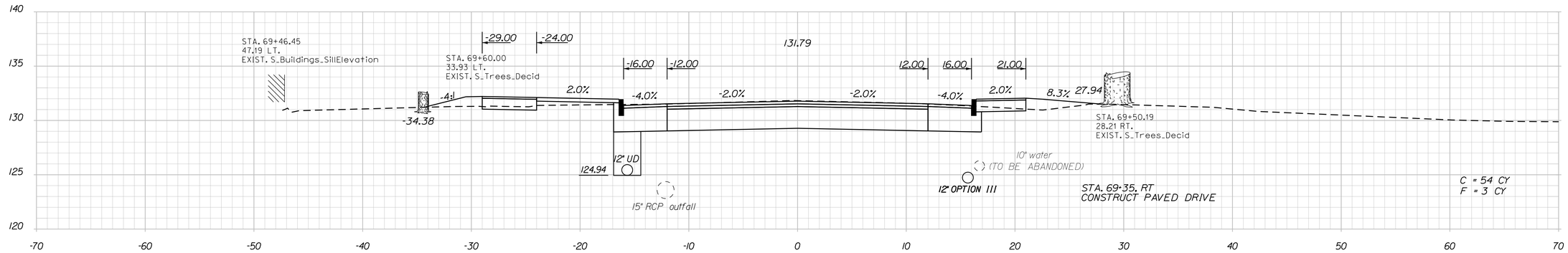

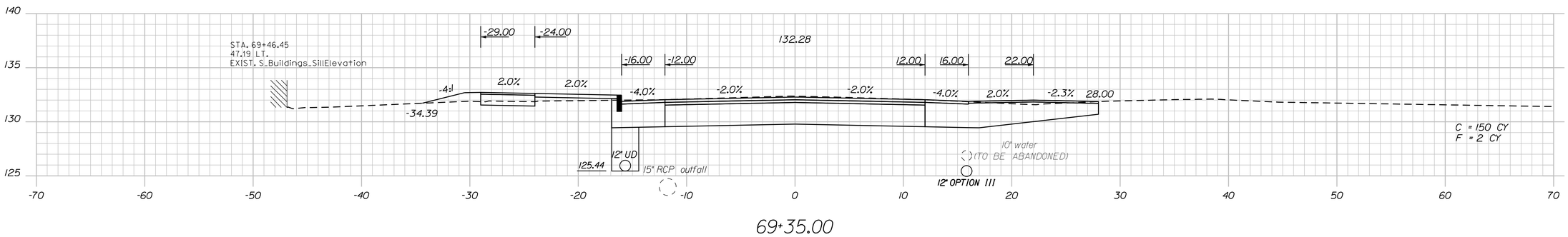

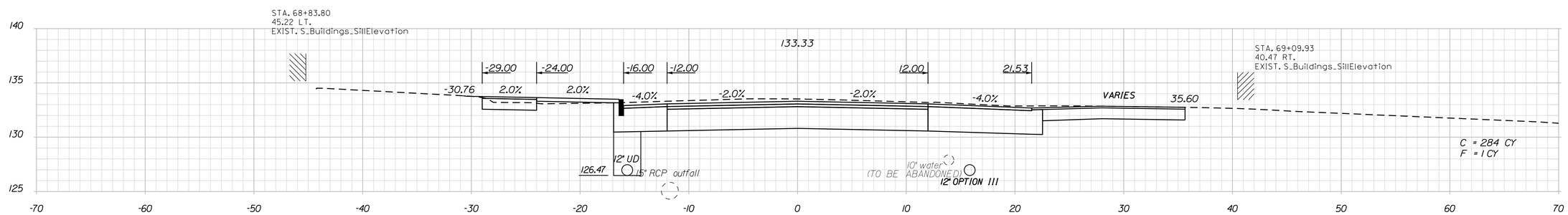

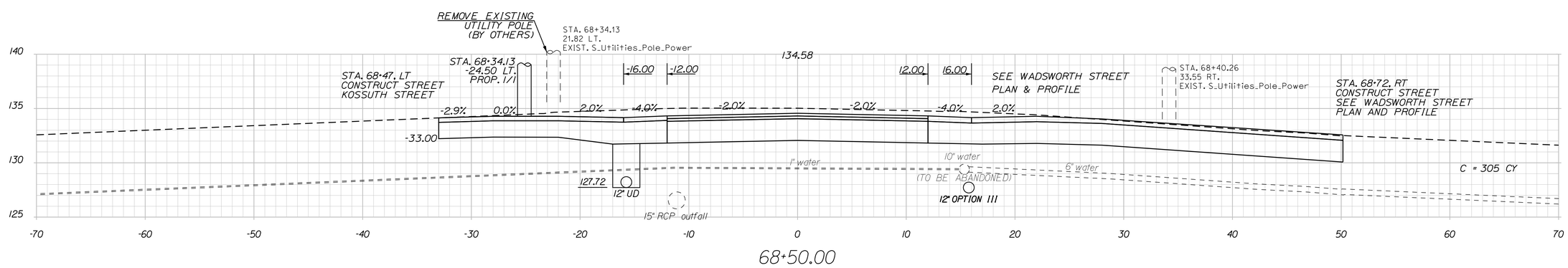

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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
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CROSS SECTIONS

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107
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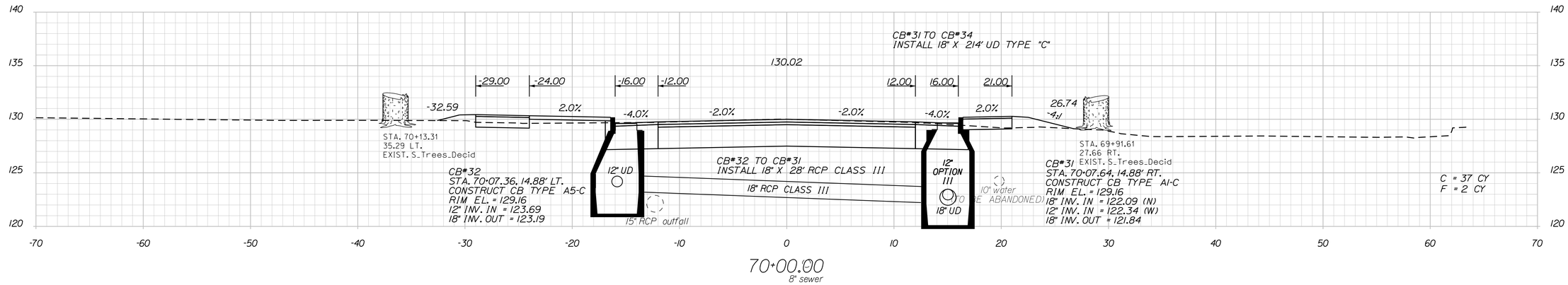
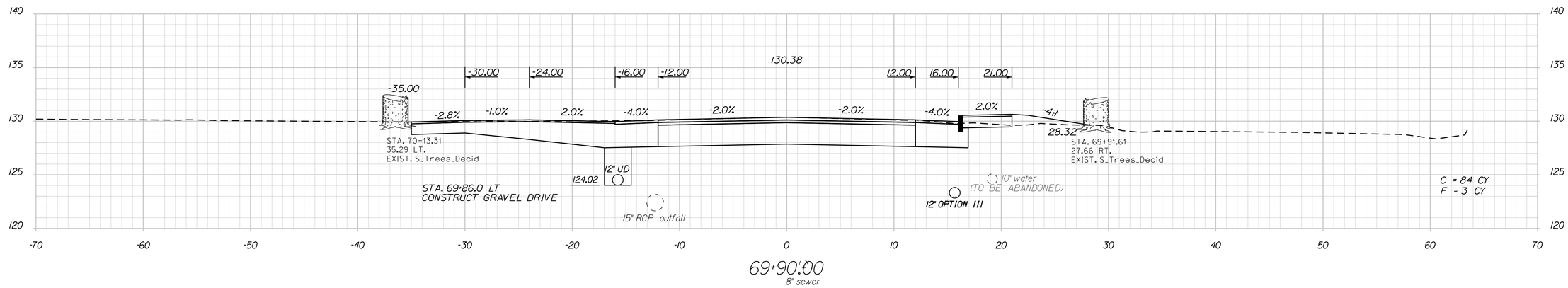
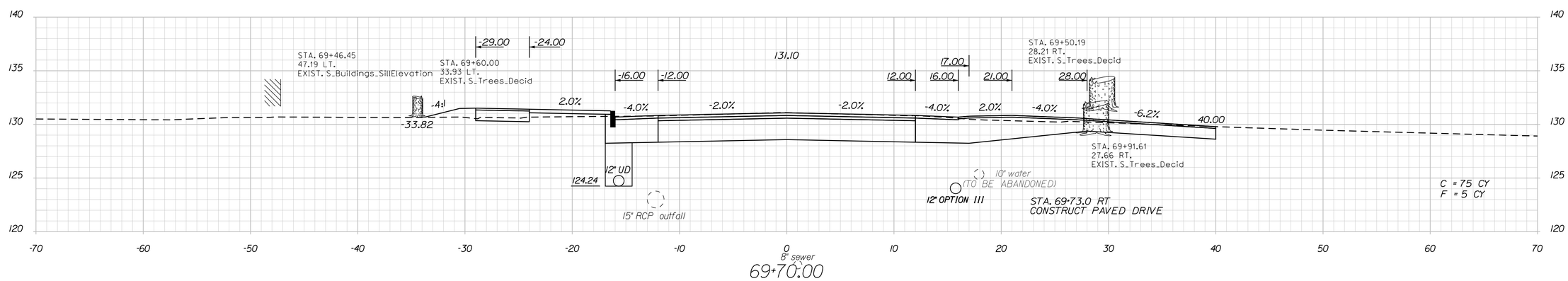
Date:10/28/2015 Username: common Division: HIGHWAY Filename: ...\00\HIGHWAY\MSTA\xsect.dgn







STATE OF MAINE
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17890.00

HIGHWAY PLANS

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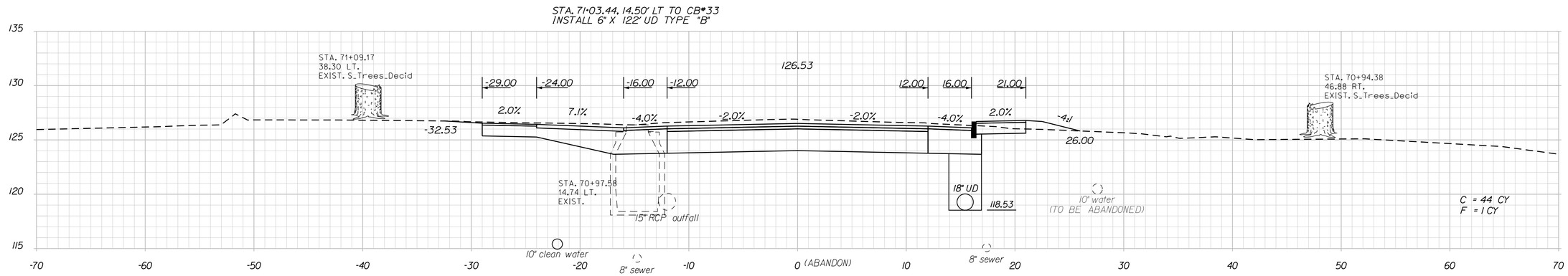
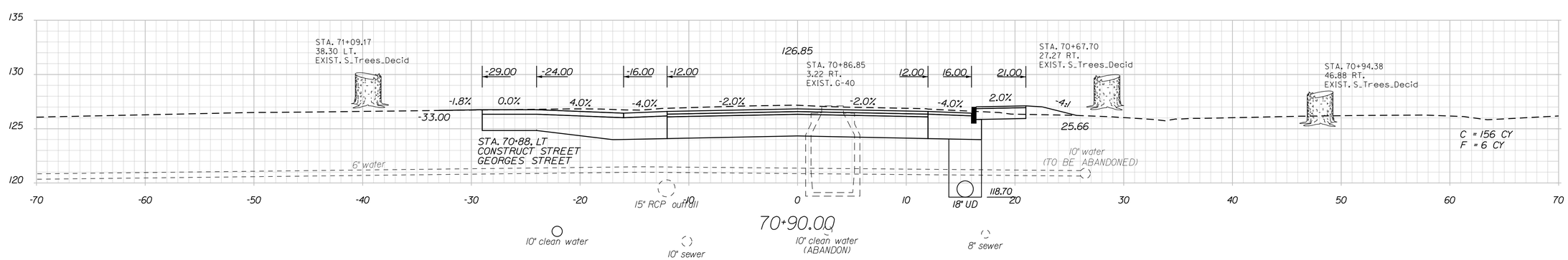
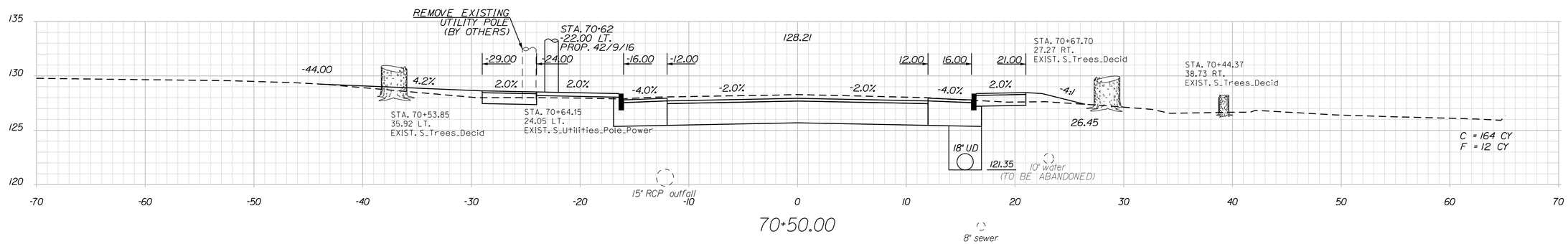
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
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FIELD CHANGES			

SIGNATURE

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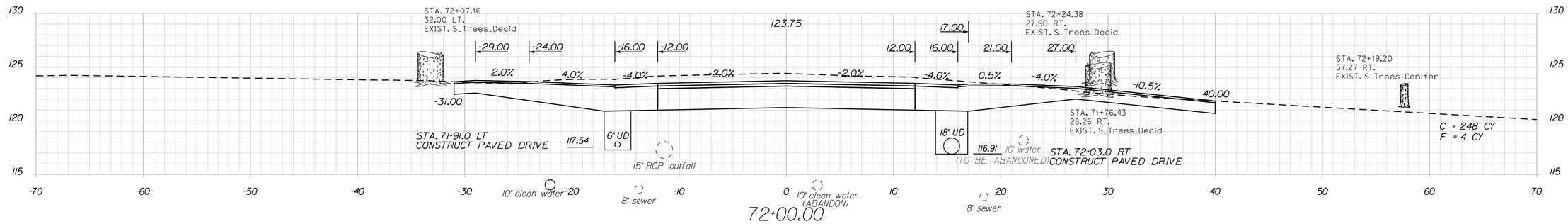

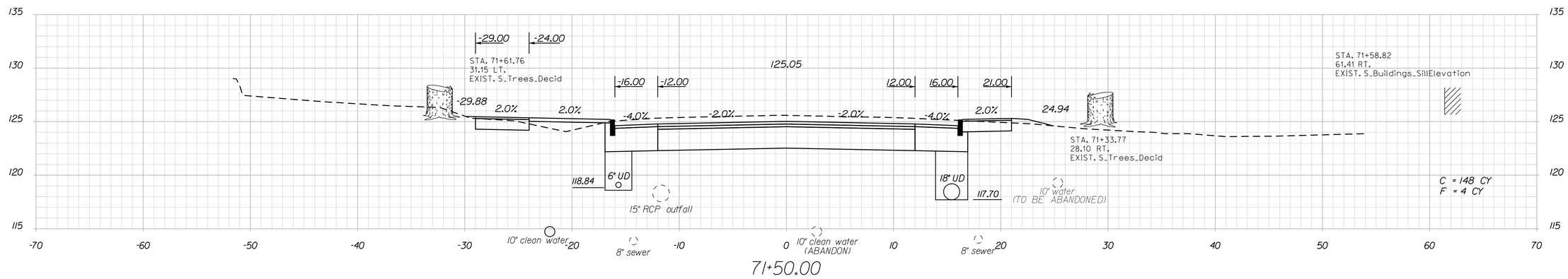

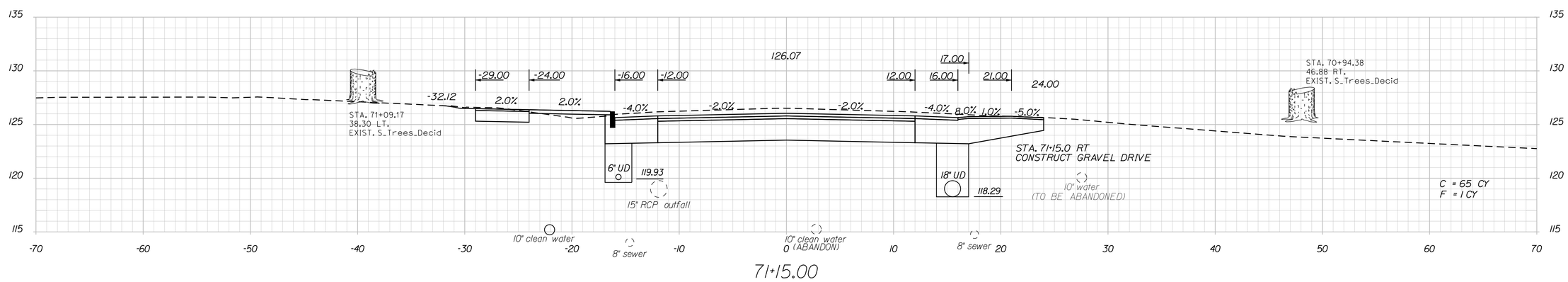

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WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
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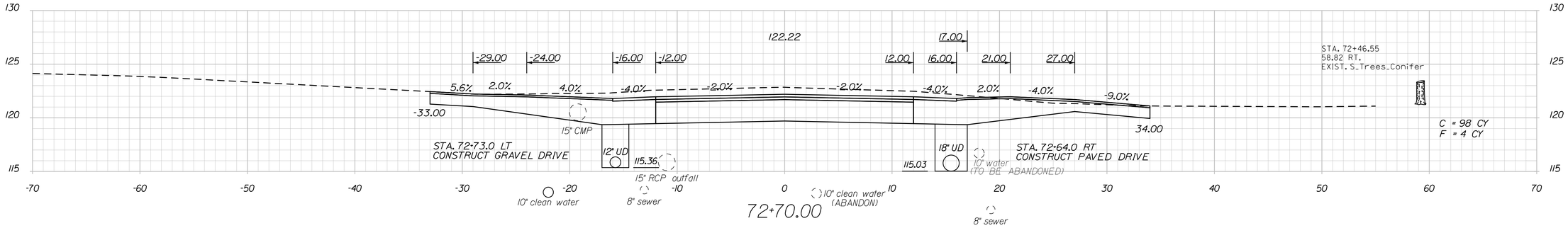

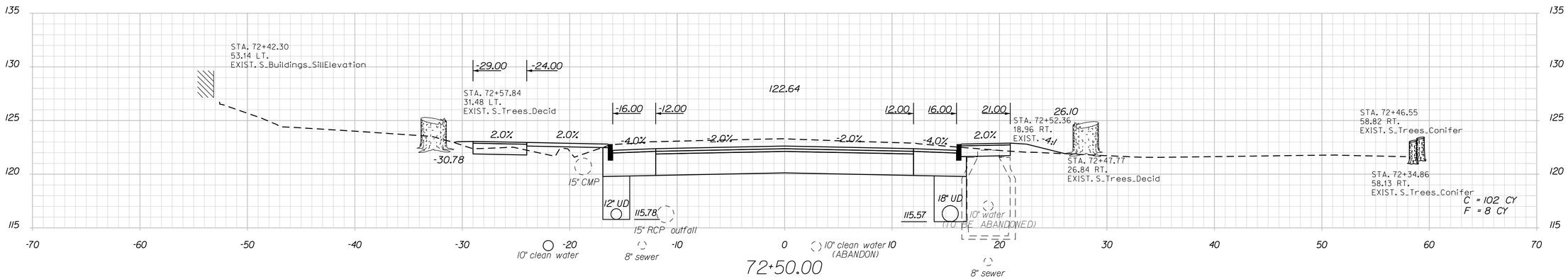

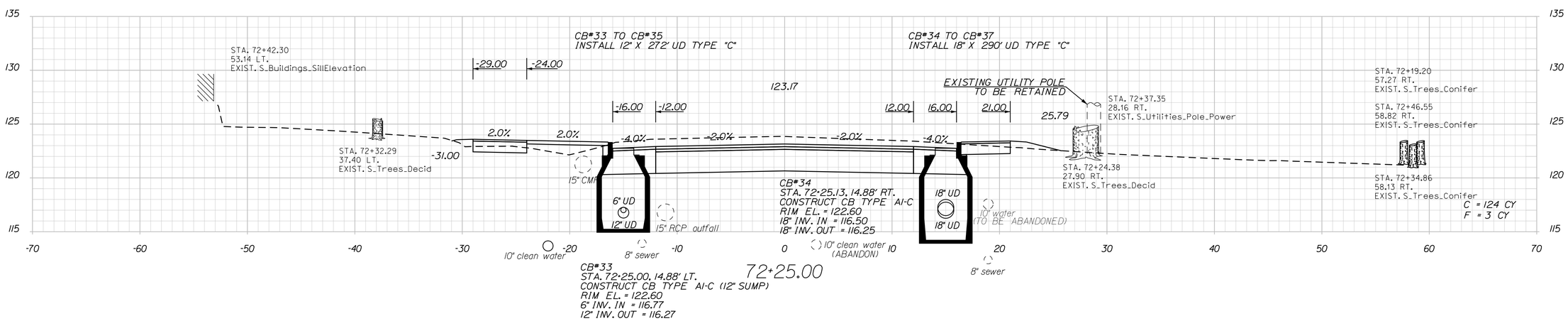

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HIGHWAY PLANS

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PROJ. MANAGER	E.MARTIN		
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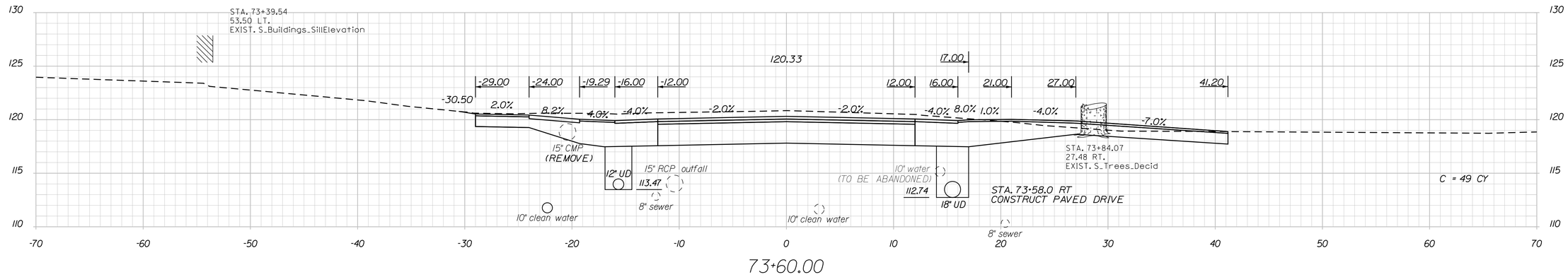

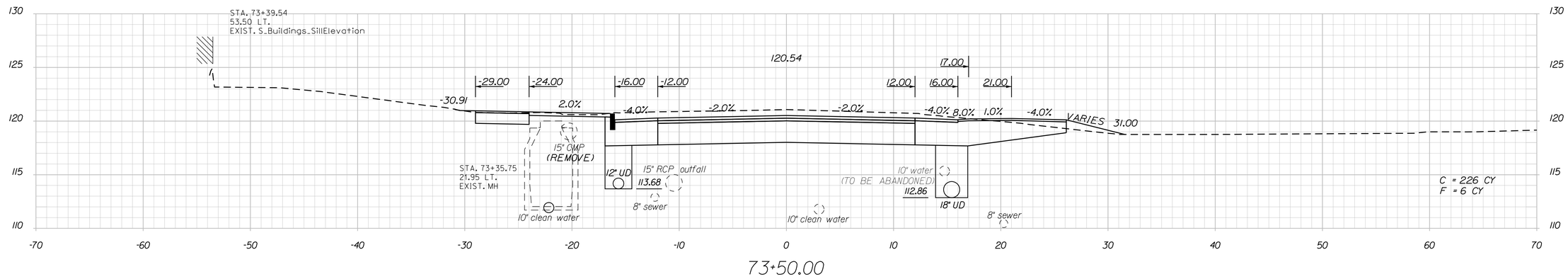

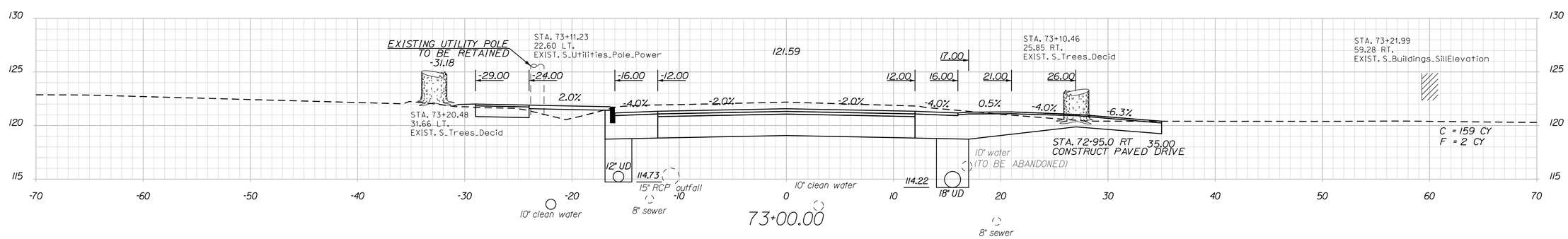

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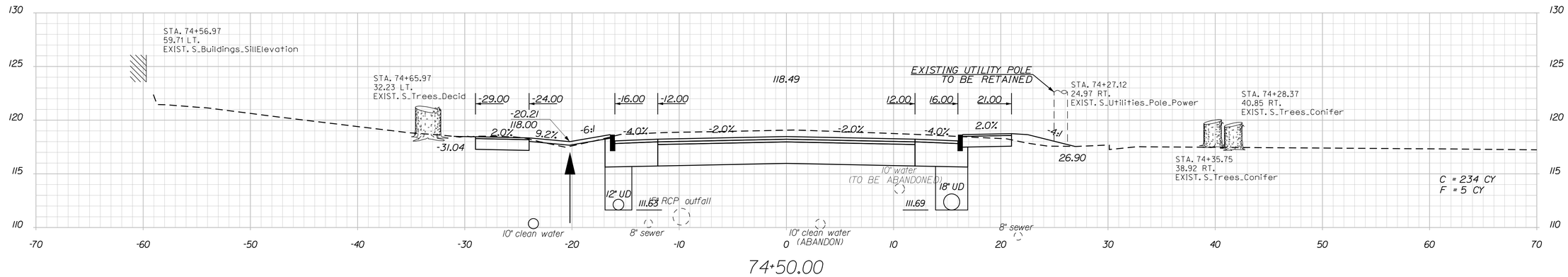

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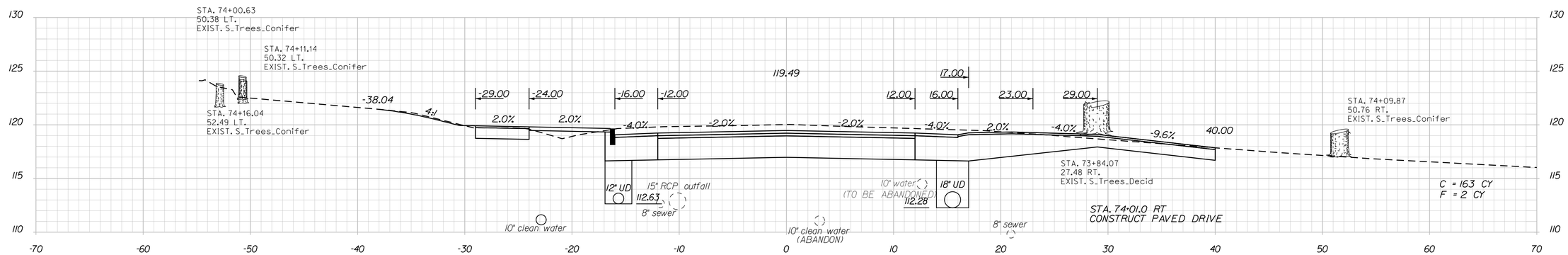

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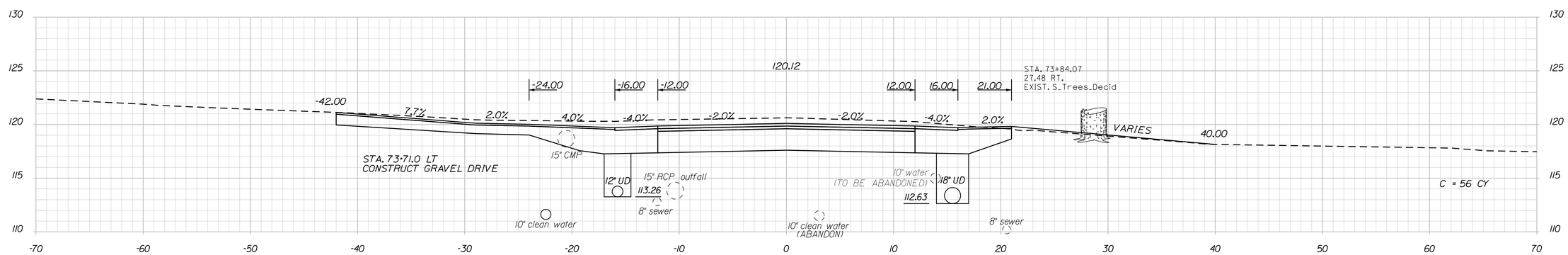

73+70.00

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HIGHWAY PLANS

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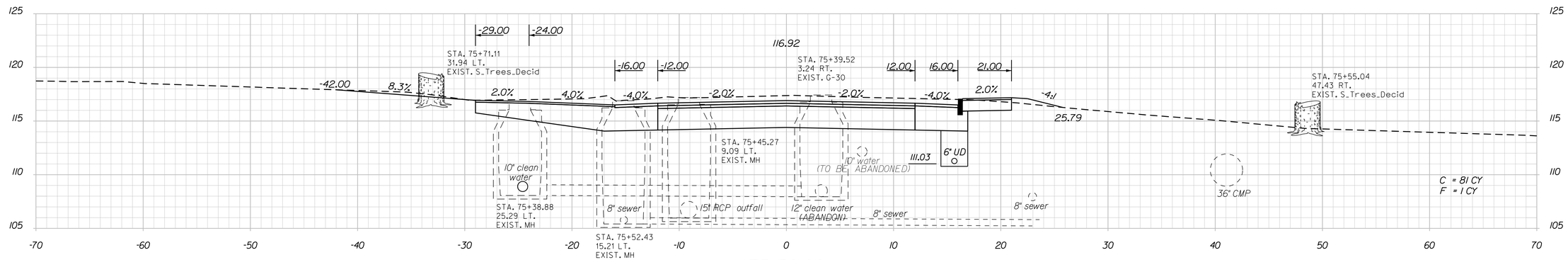

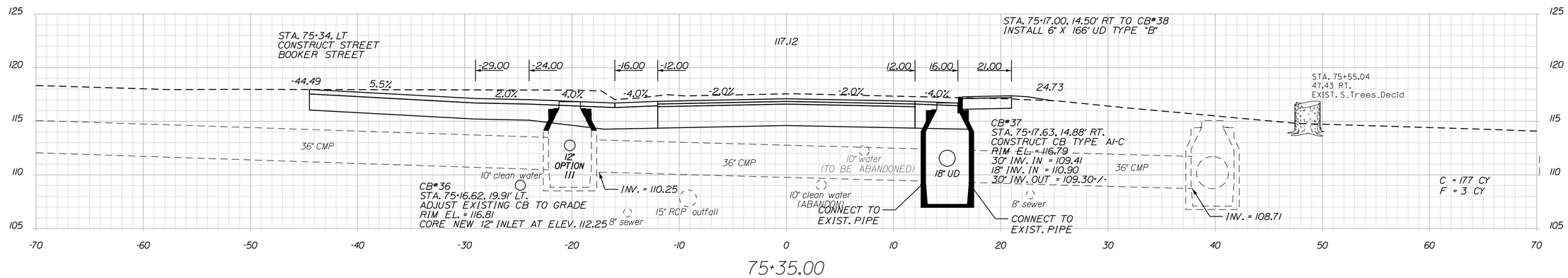

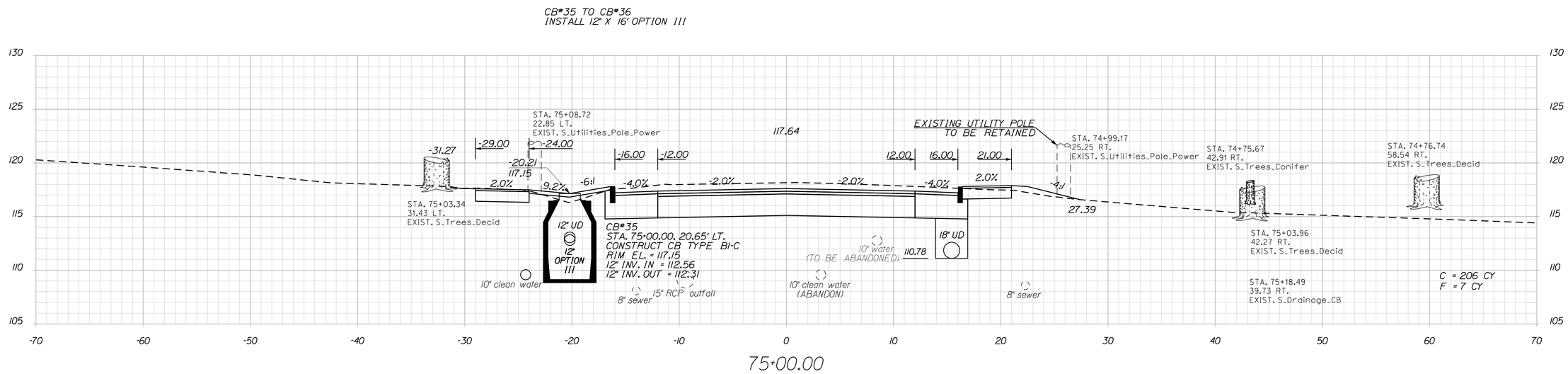

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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANTY	10/1/15
DESIGN2-DETAILED2	L.MAYNARD	
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REVISIONS 4		
FIELD CHANGES		

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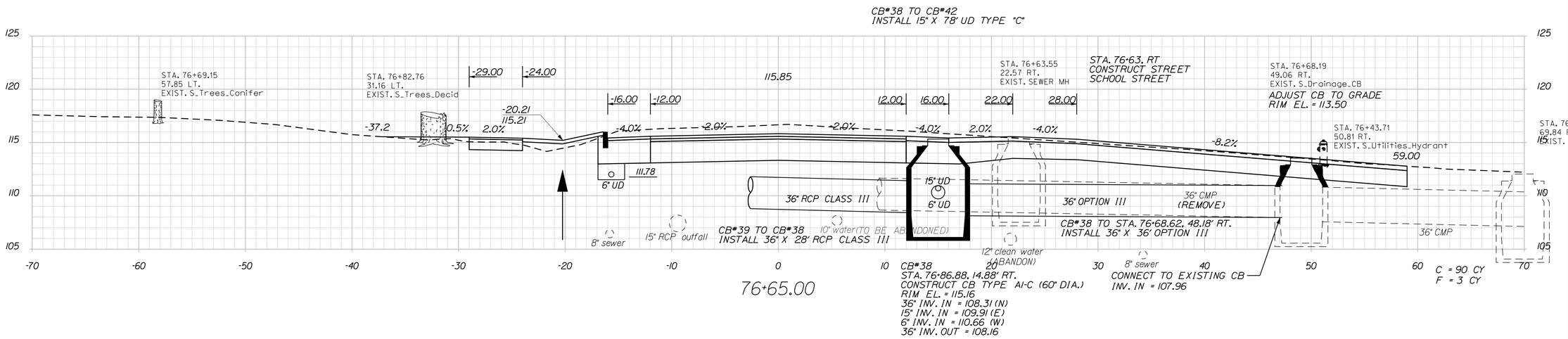

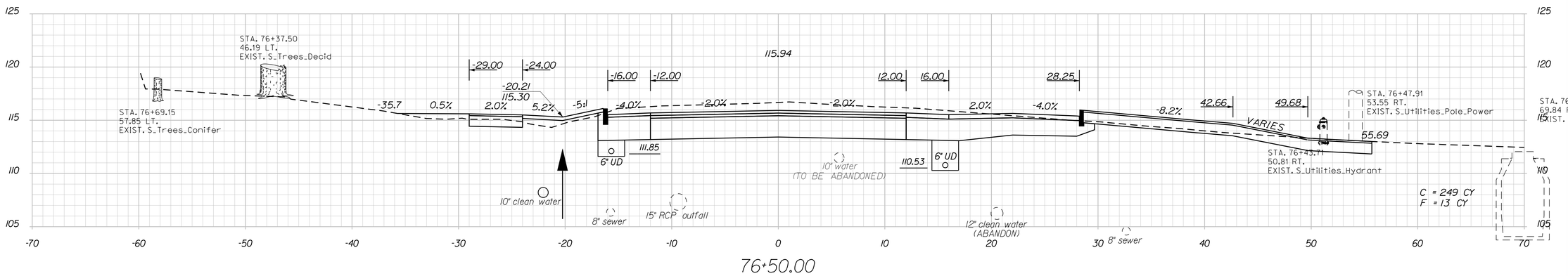

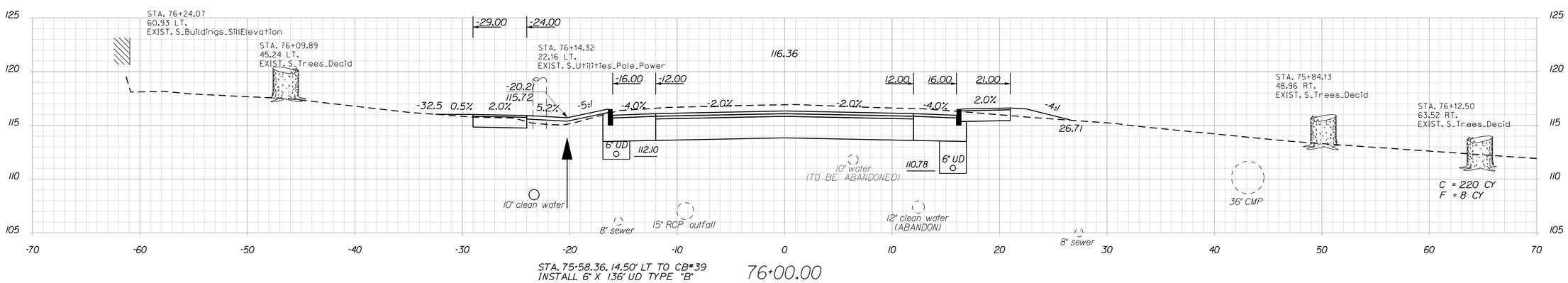

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PROJ. MANAGER	E.MARTIN		
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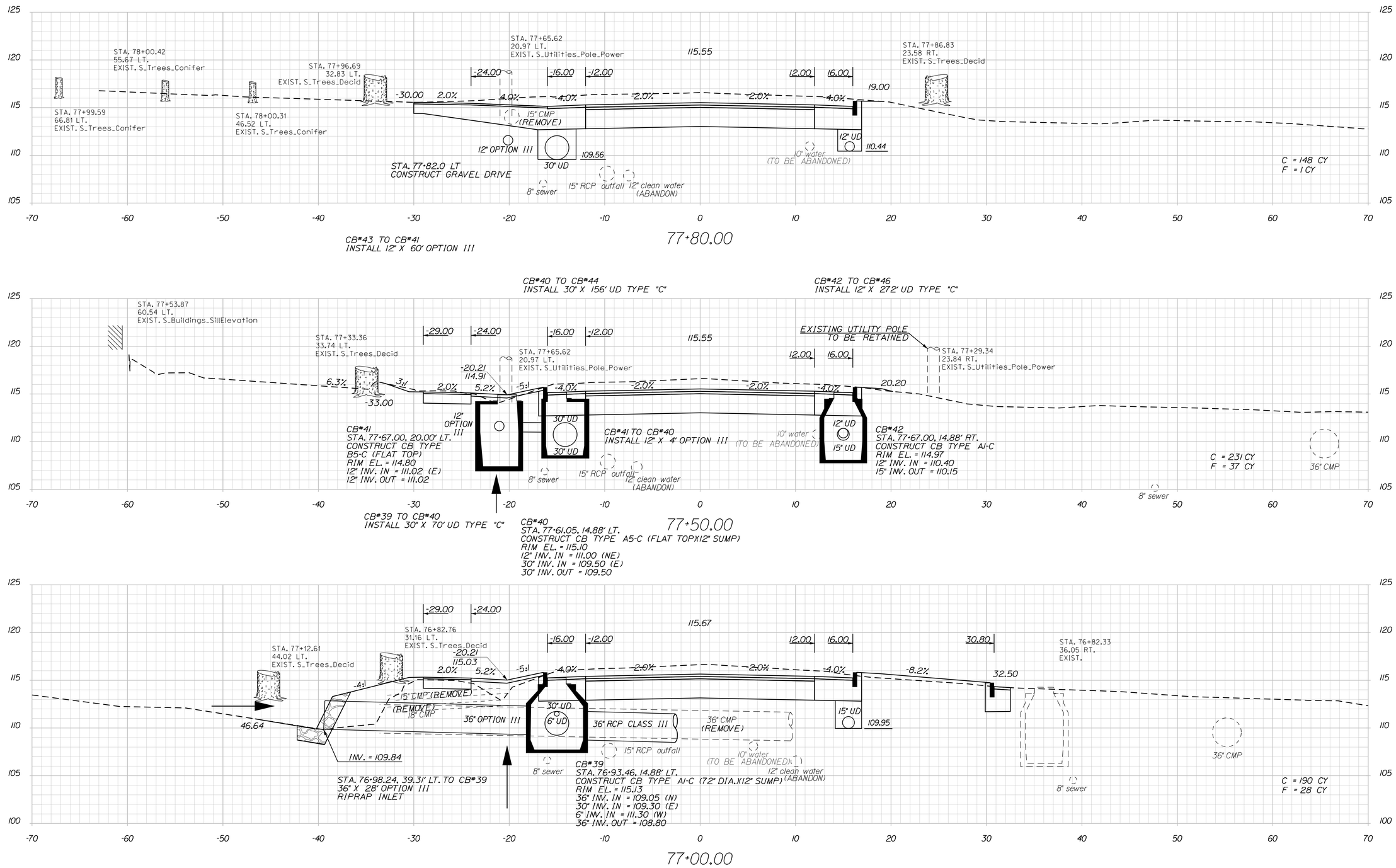

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DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
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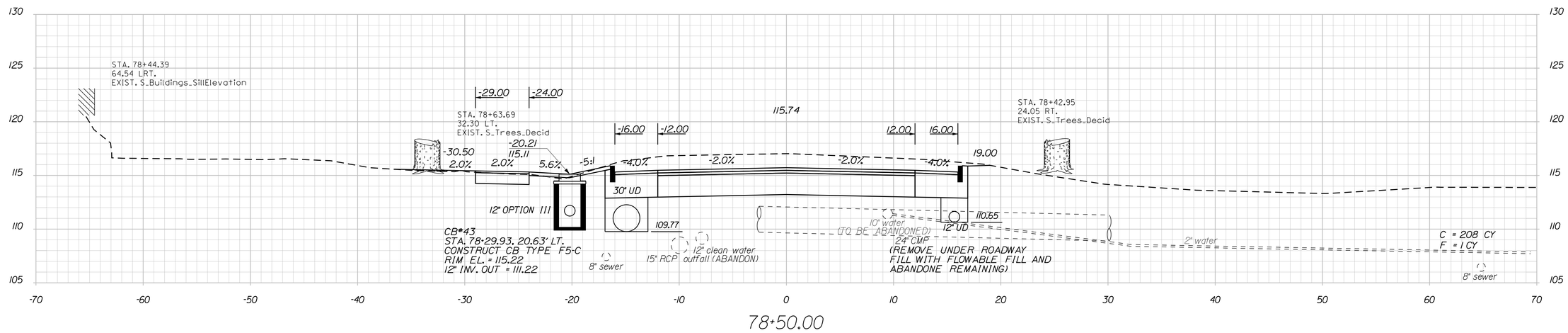
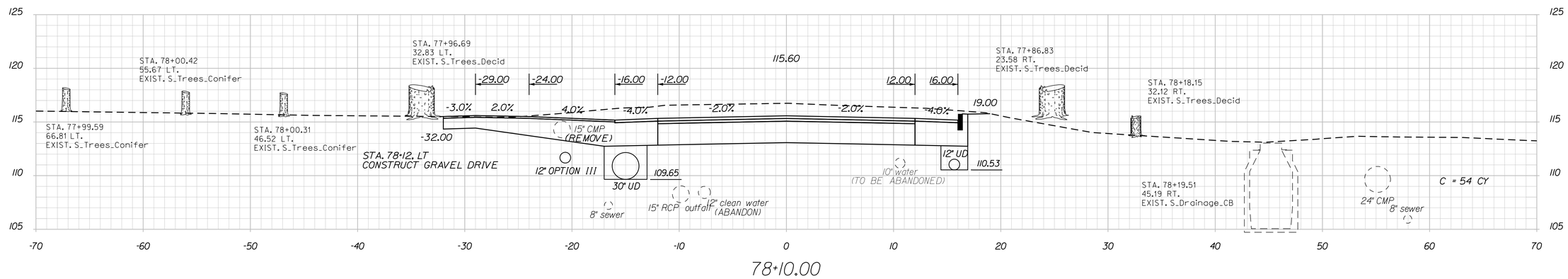
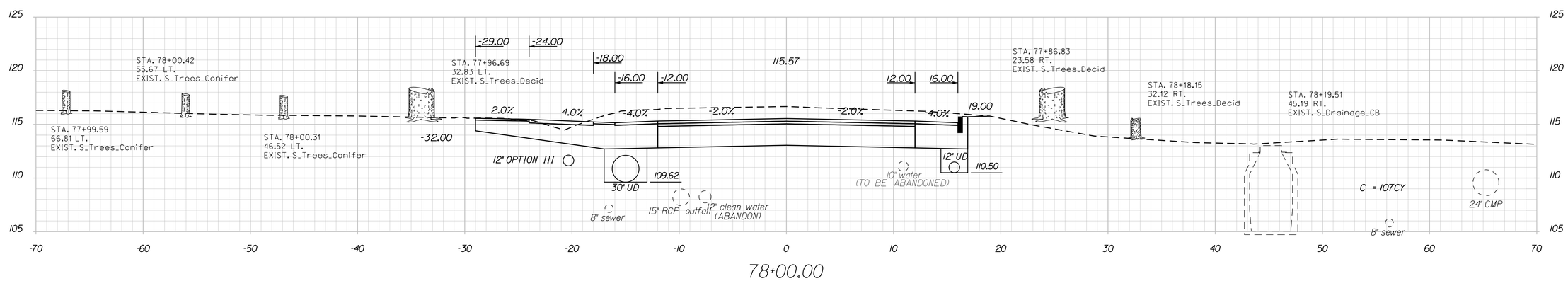
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







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DEPARTMENT OF TRANSPORTATION

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WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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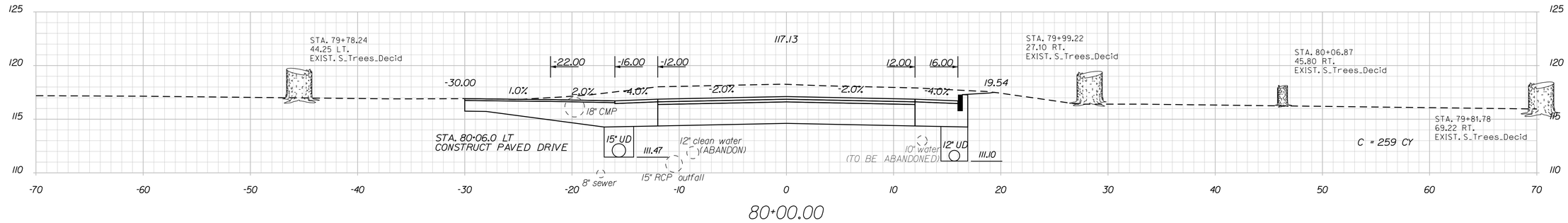

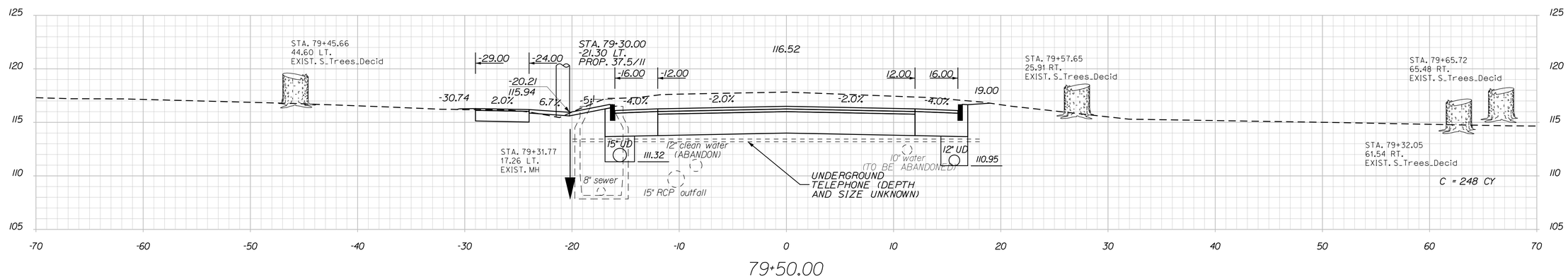

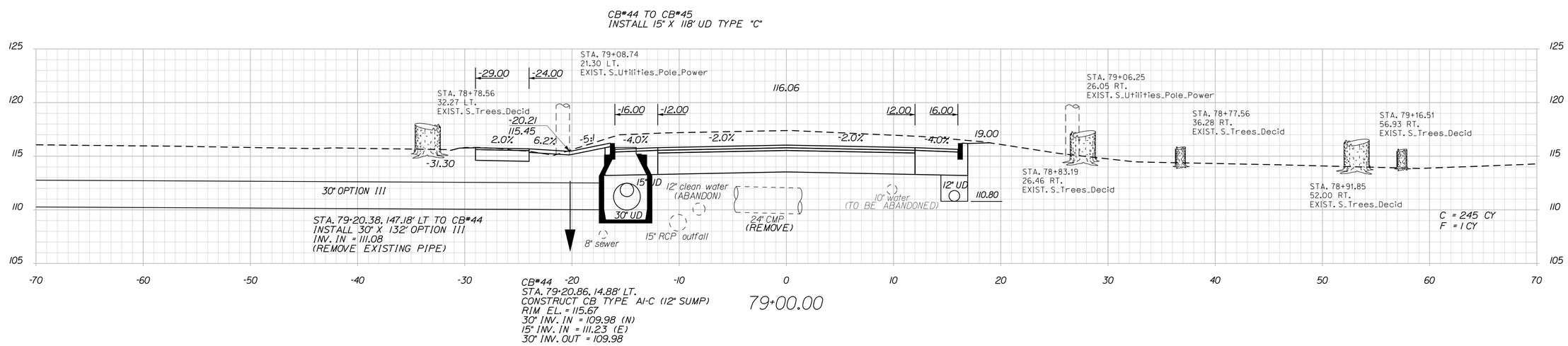

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HIGHWAY PLANS

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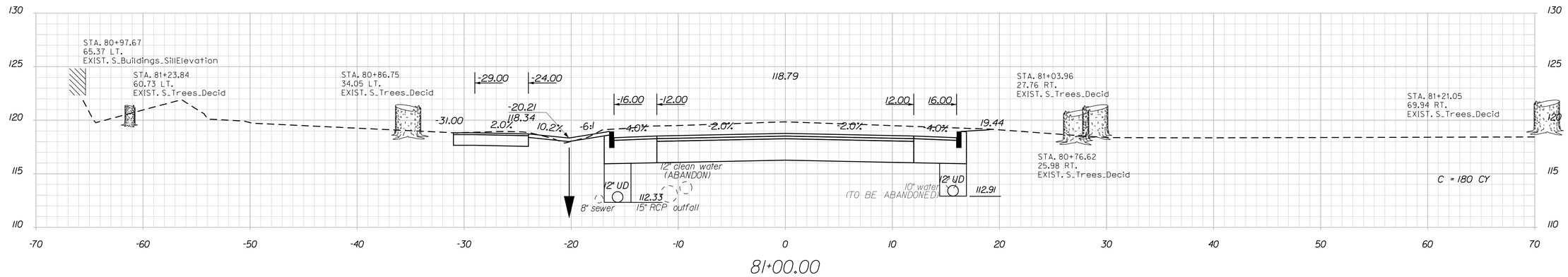

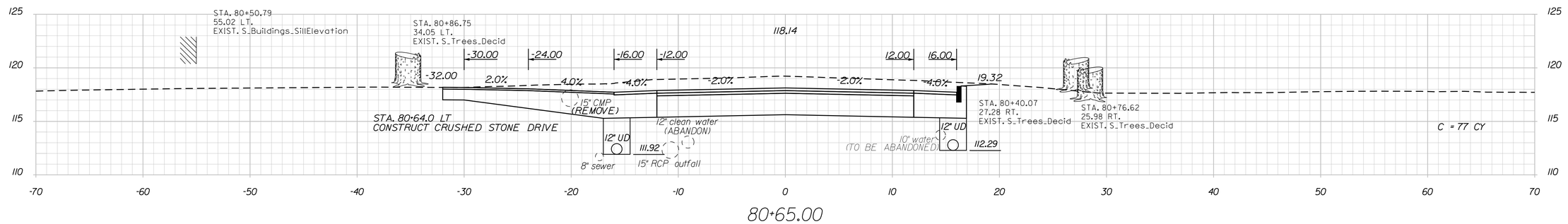

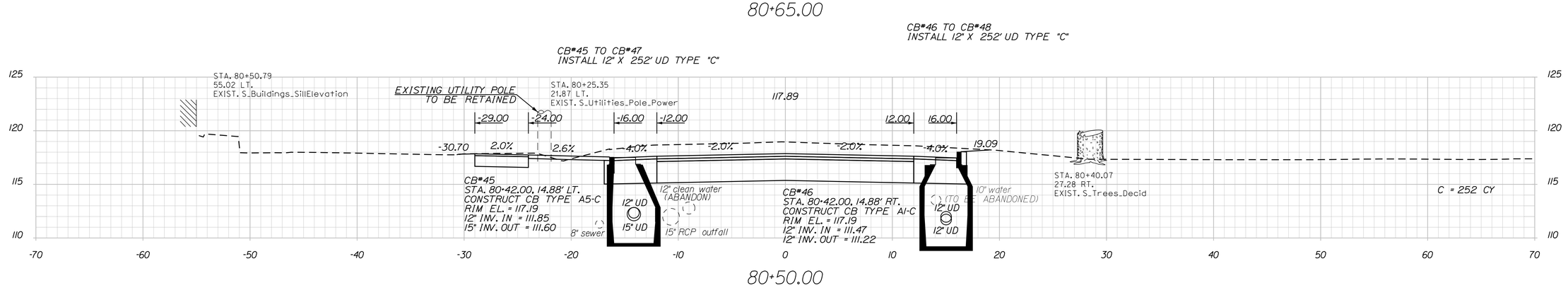

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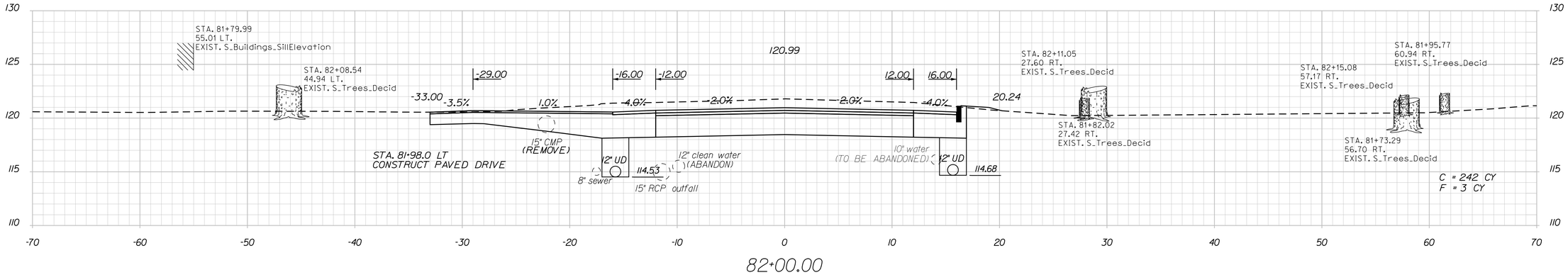

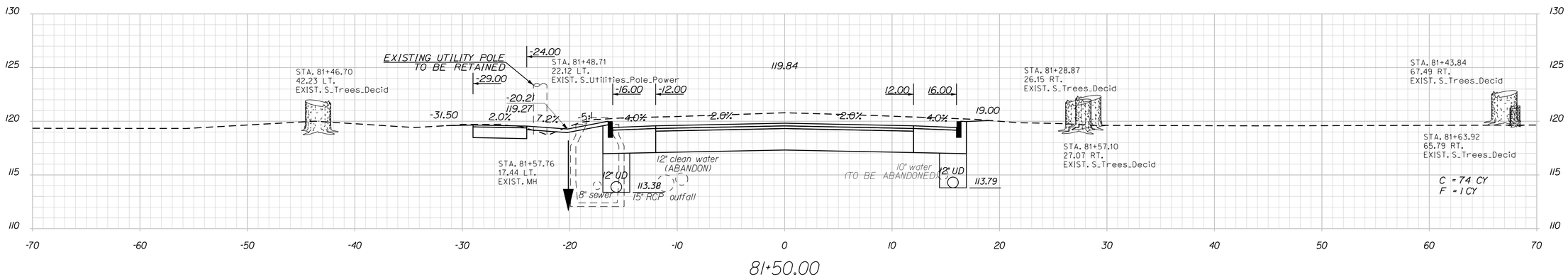

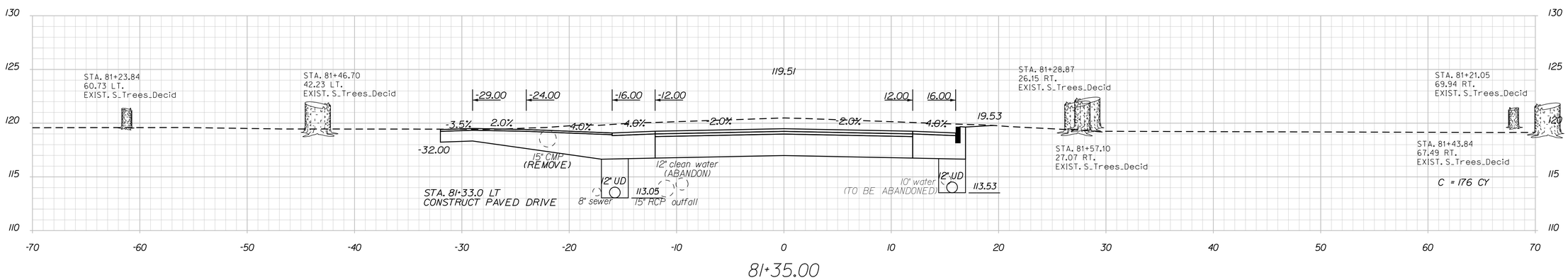

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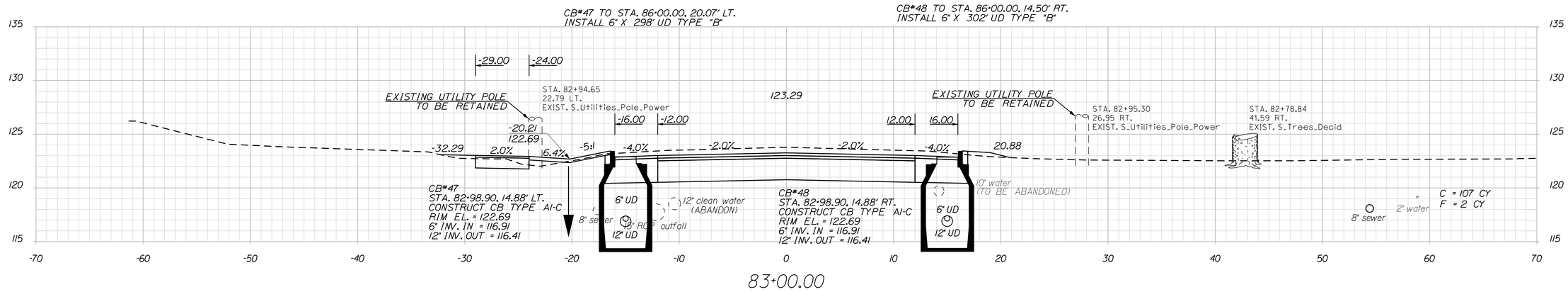

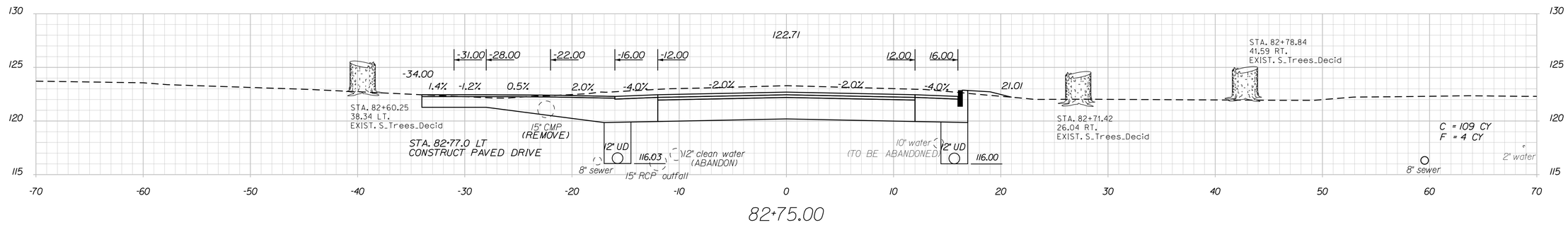

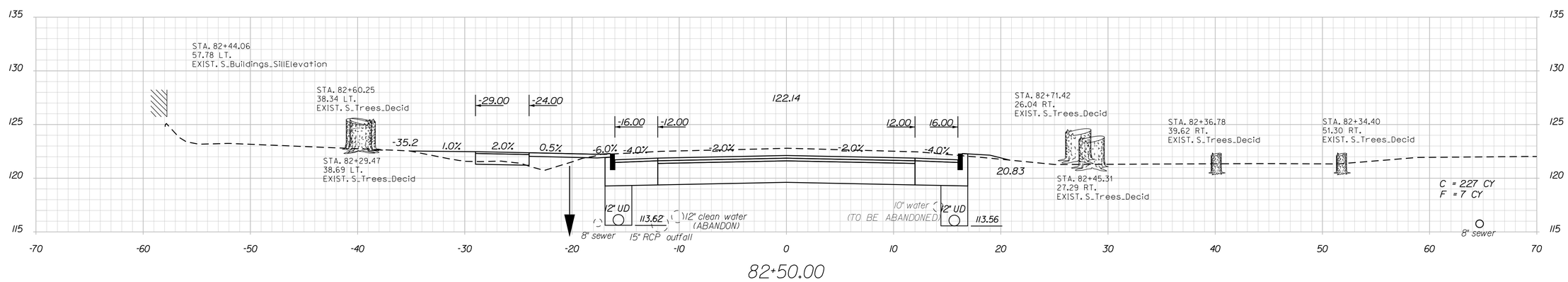

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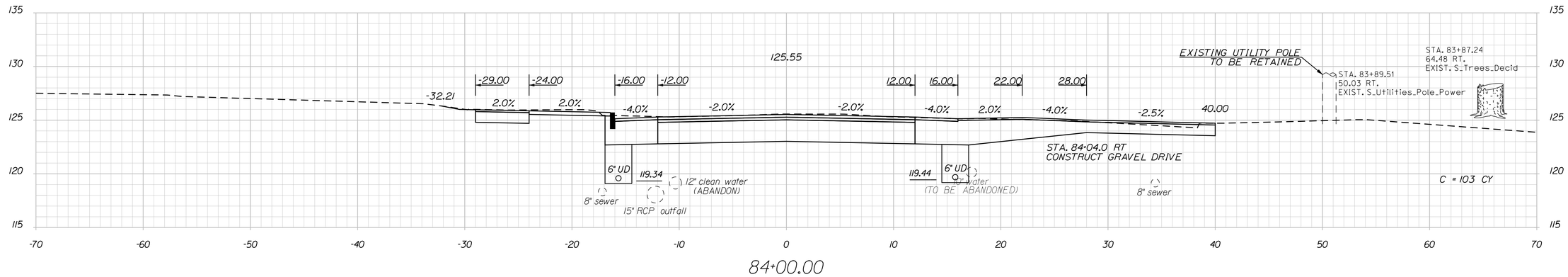
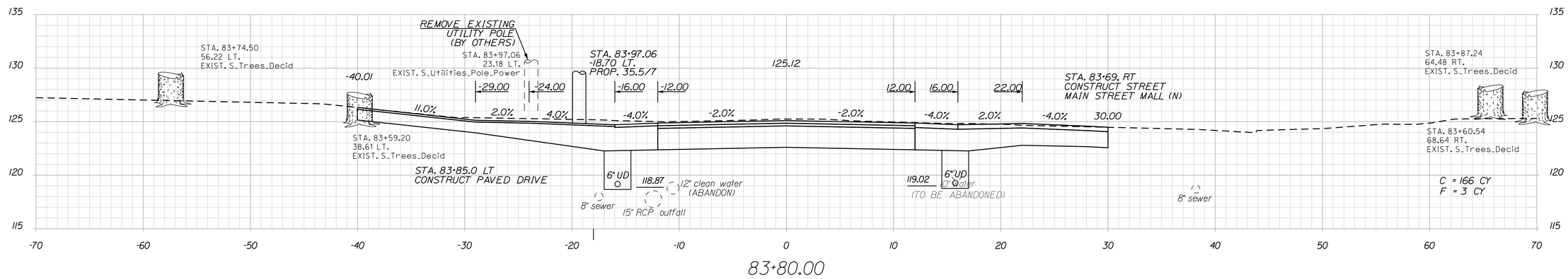
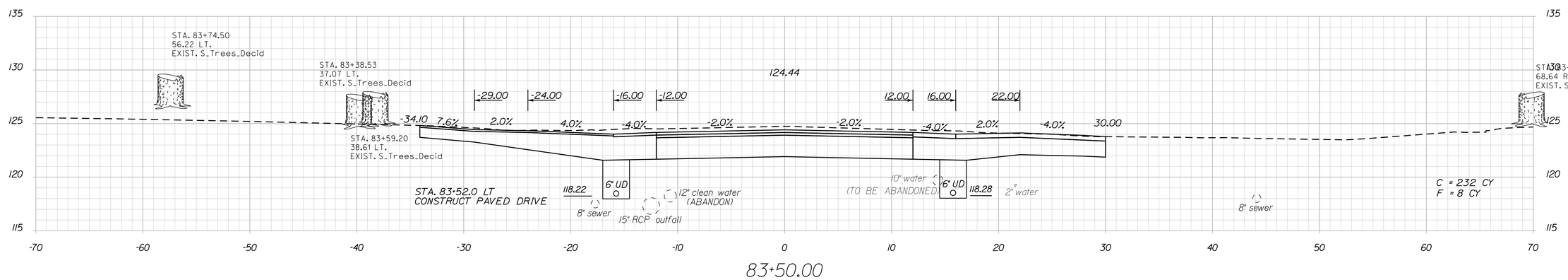
Date:10/28/2015 Username: common Division: HIGHWAY Filename: ...\00\HIGHWAY\MSTA\xsect.dgn







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	L.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

122

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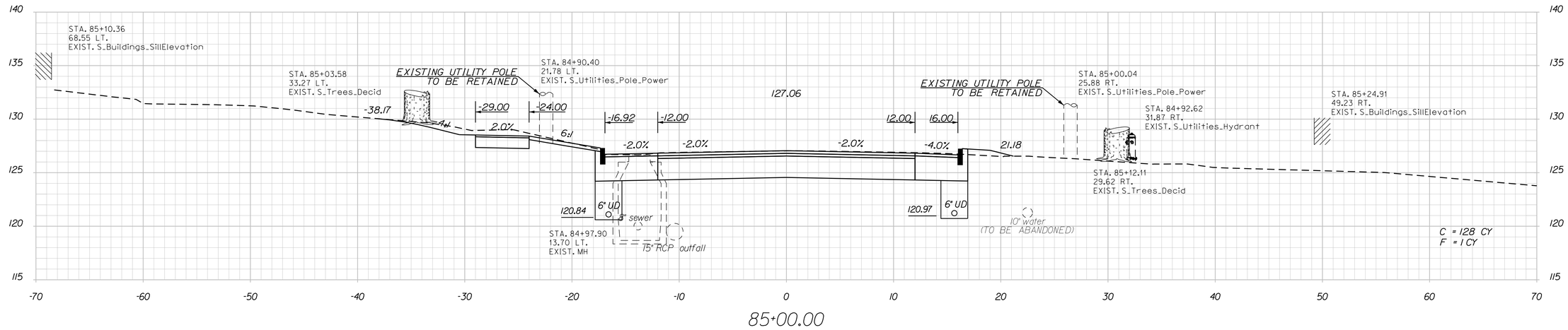
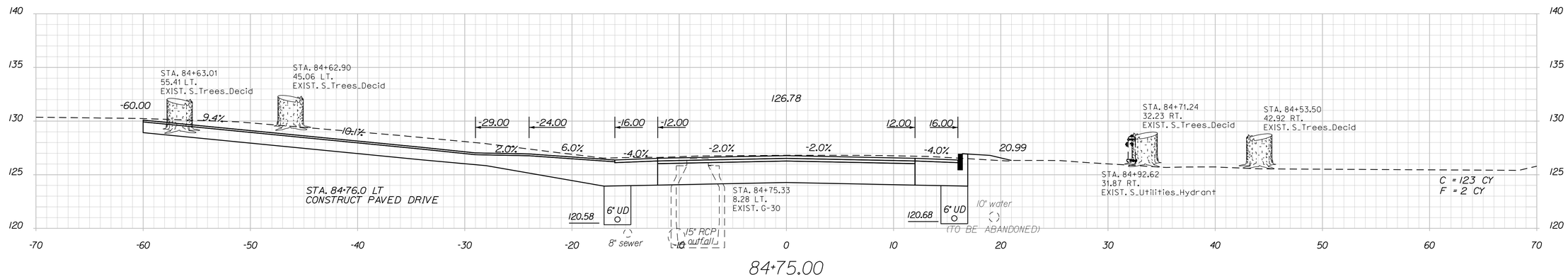
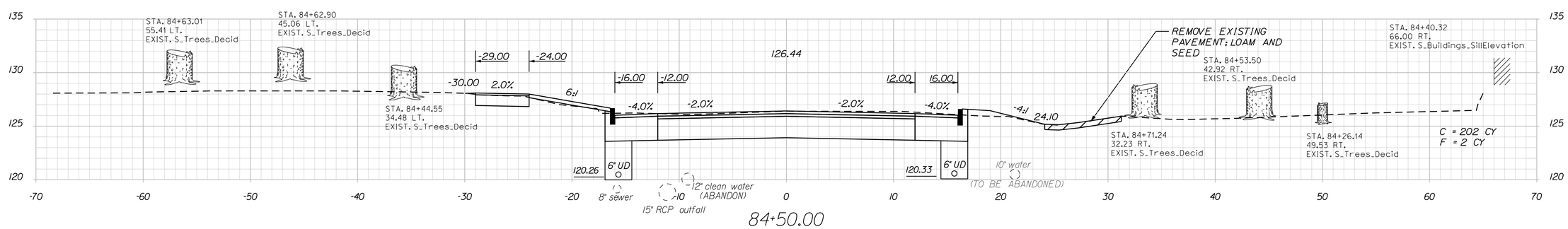
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	C.SANTY	
DESIGN2-DETAILED2	J.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

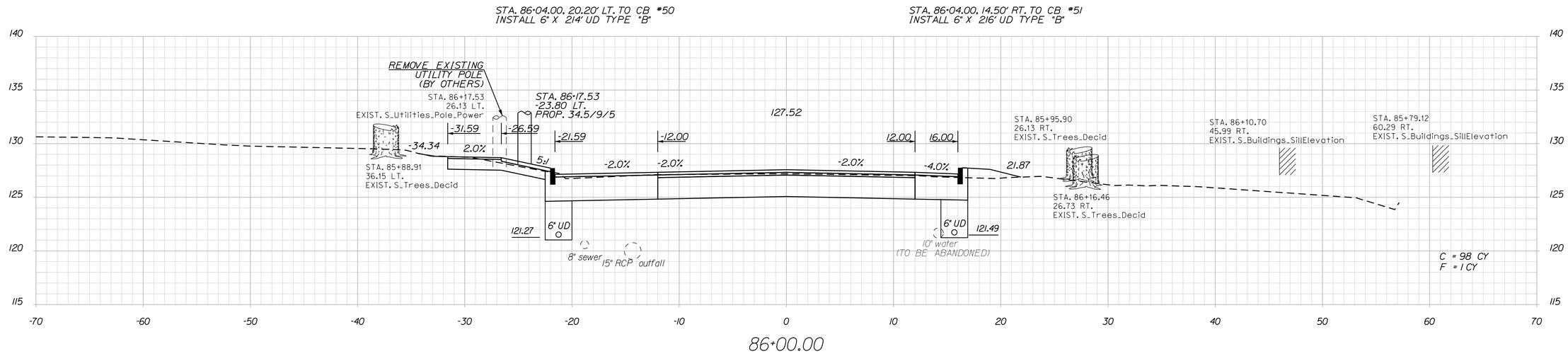
CROSS SECTIONS

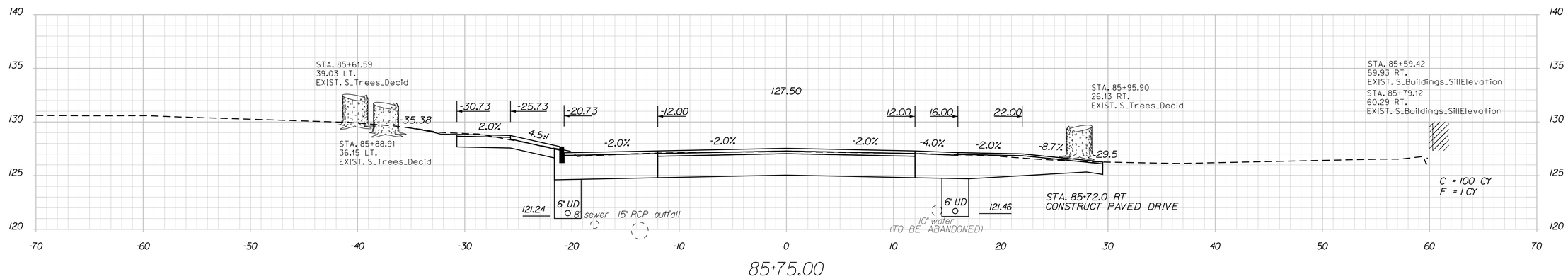
SHEET NUMBER

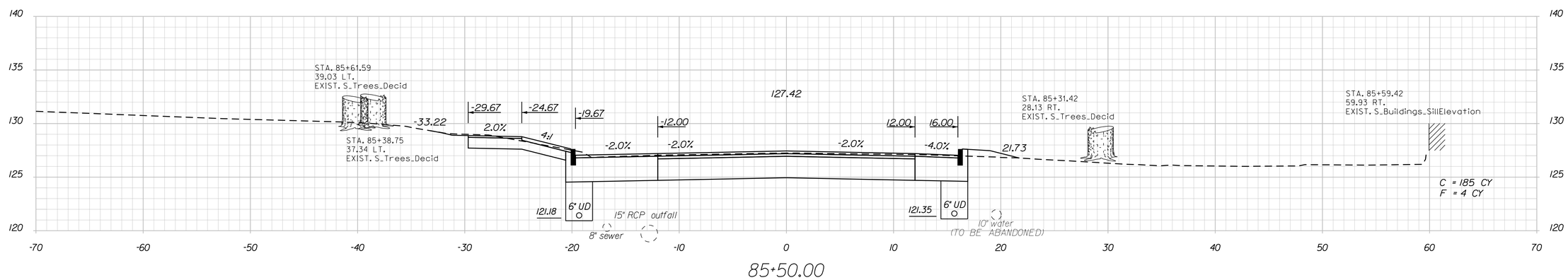
123

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

124

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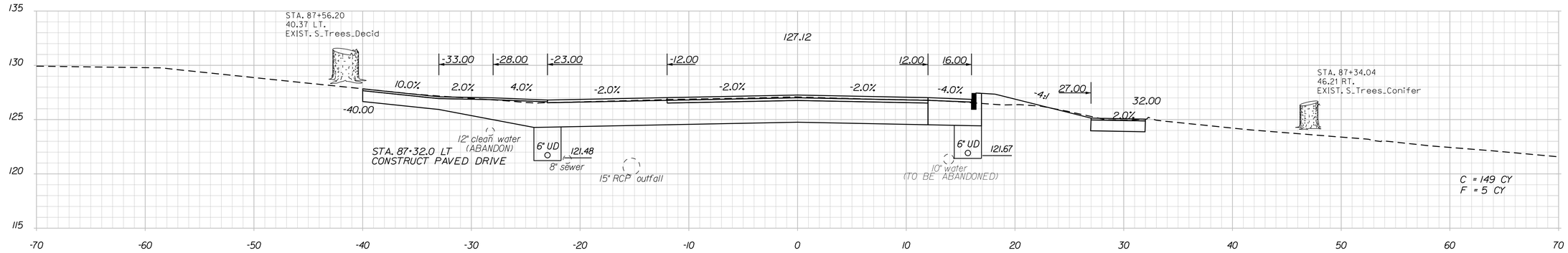
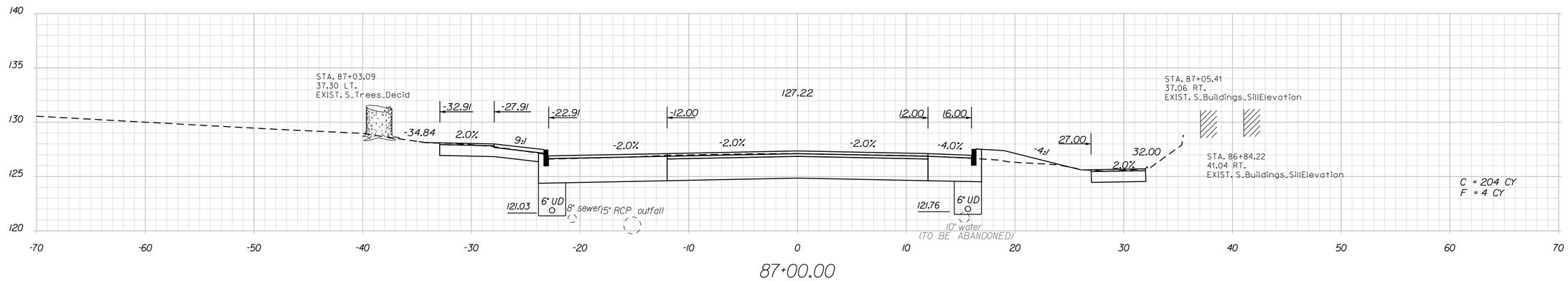
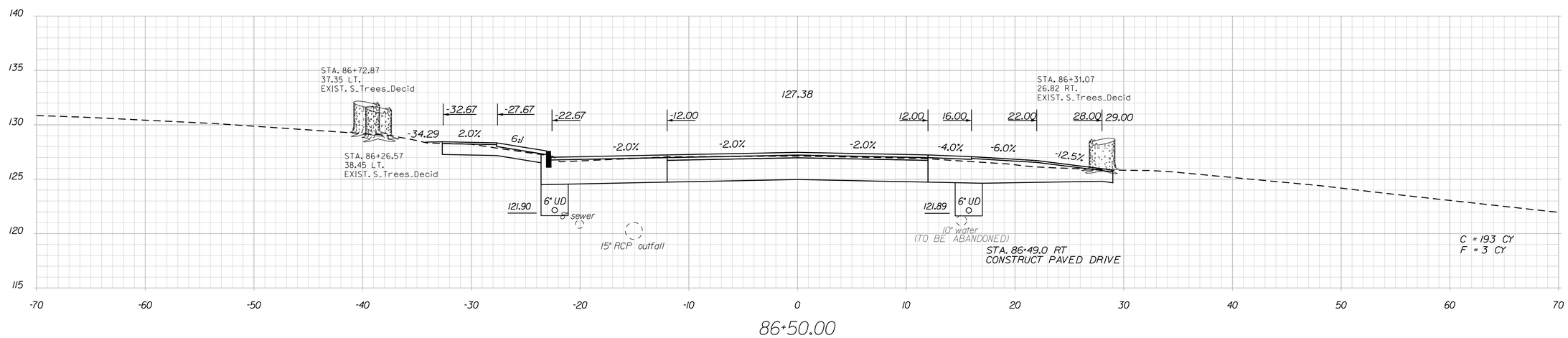
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

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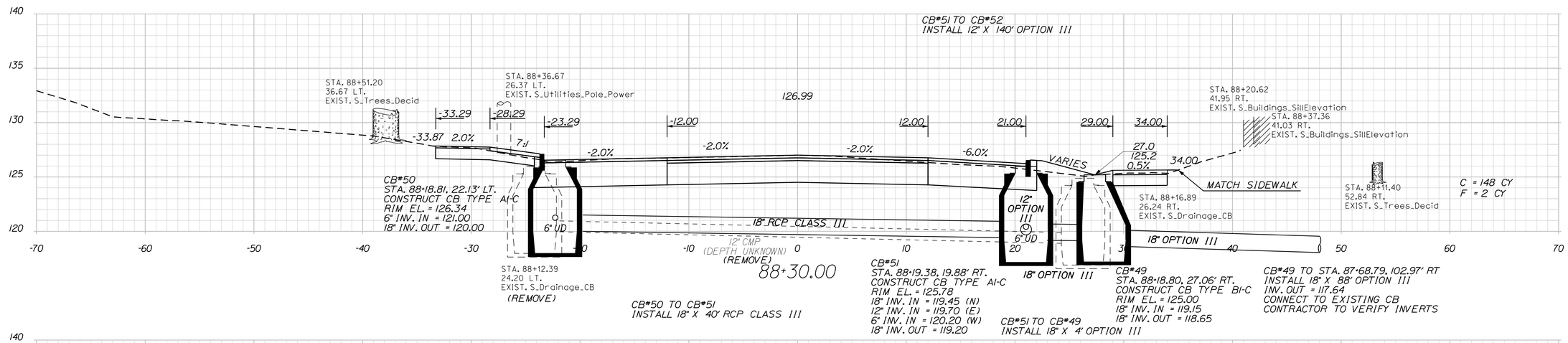
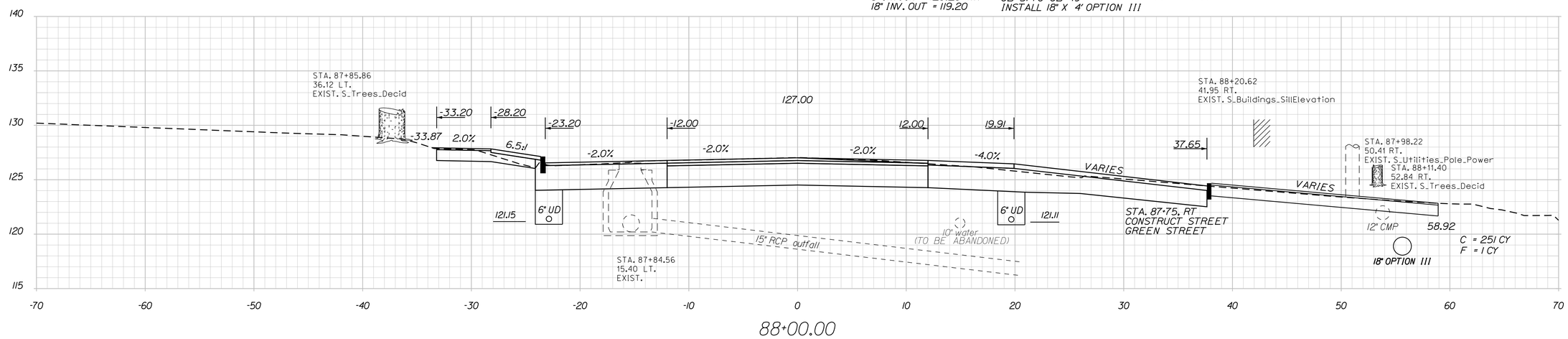
U.S. ROUTE 1

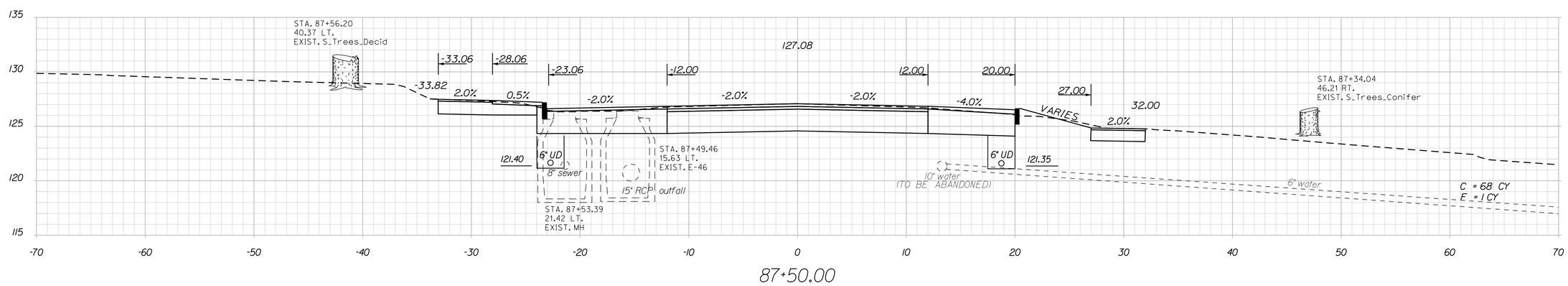
CROSS SECTIONS

SHEET NUMBER
125
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

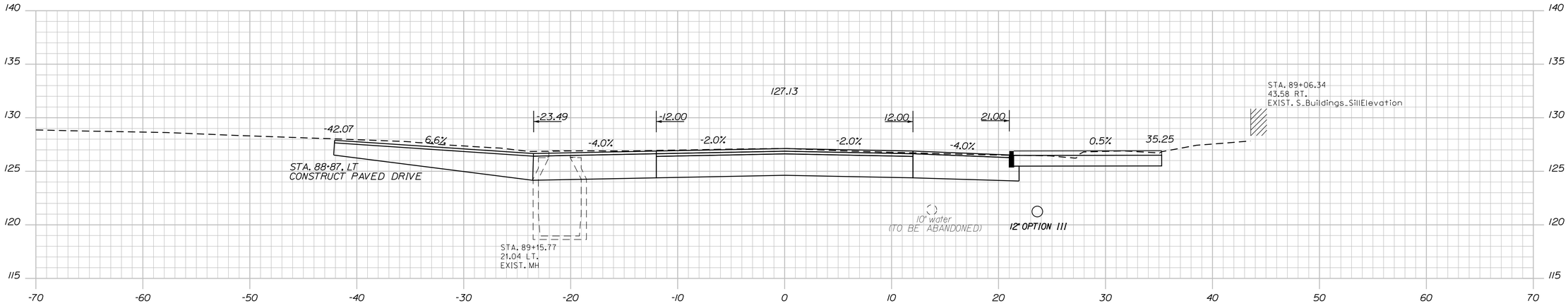
CROSS SECTIONS

SHEET NUMBER

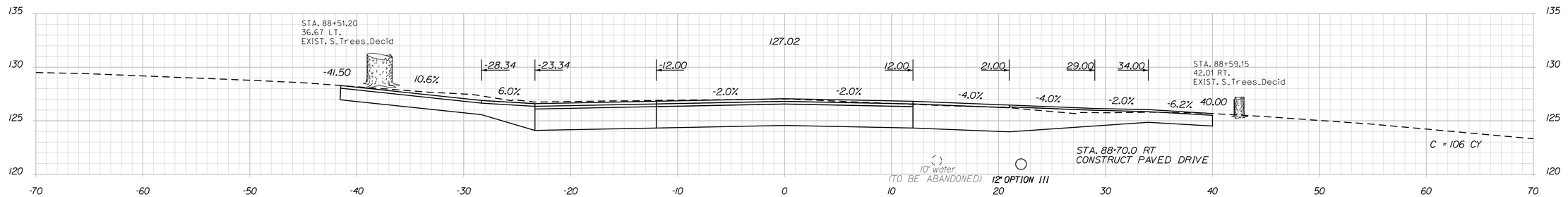
126

OF 187

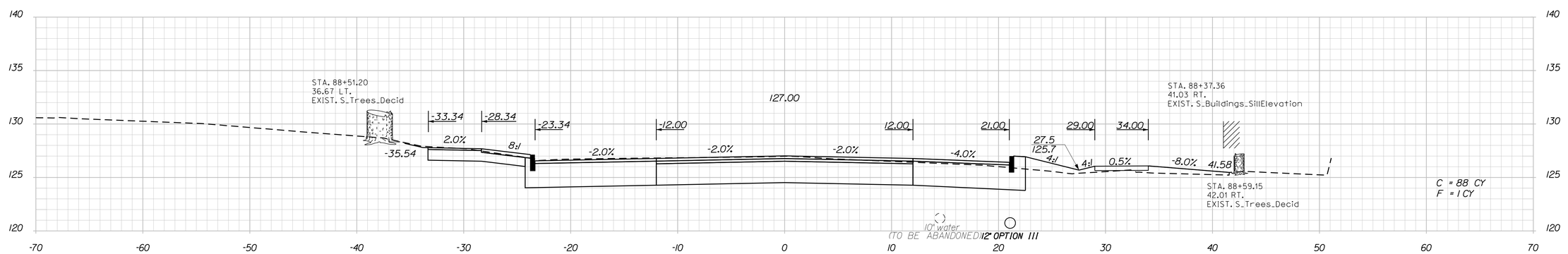
Filename: ...\00\HIGHWAY\MSTA1\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



89+00.00



88+70.00



88+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	C.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			10/1/15
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

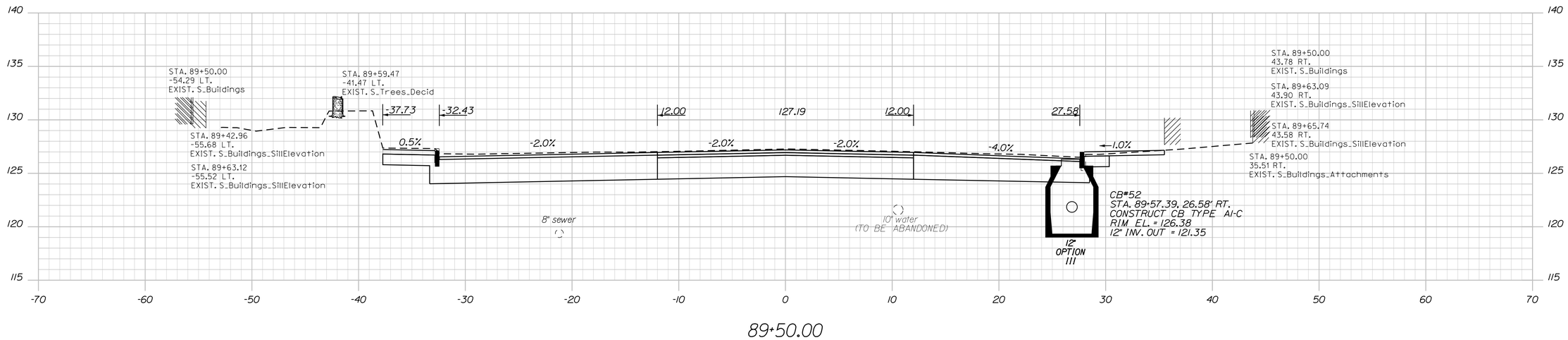
CROSS SECTIONS

SHEET NUMBER

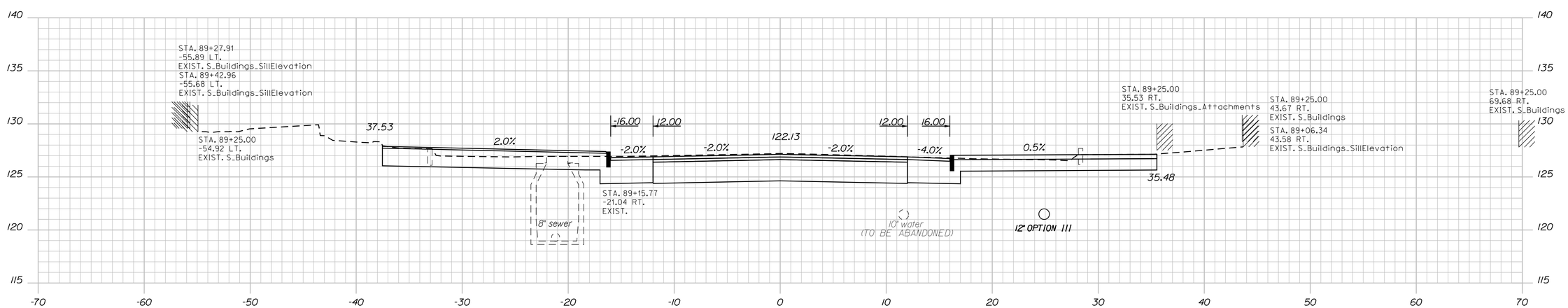
127

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



89+50.00



89+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			10\1\15
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

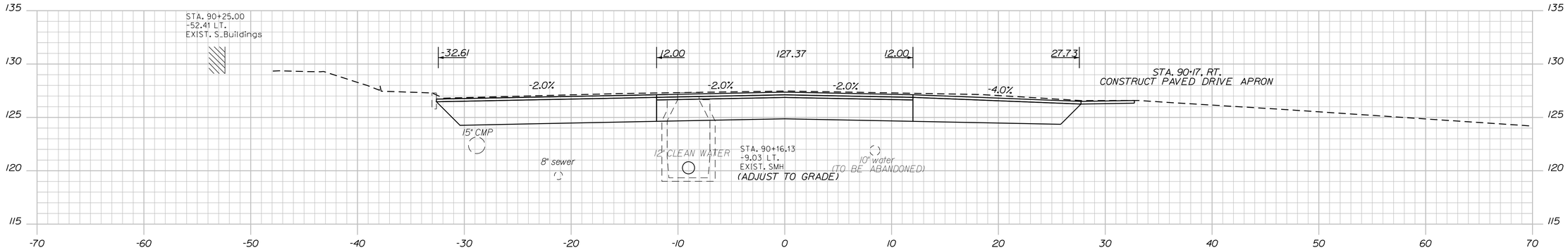
SHEET NUMBER

128

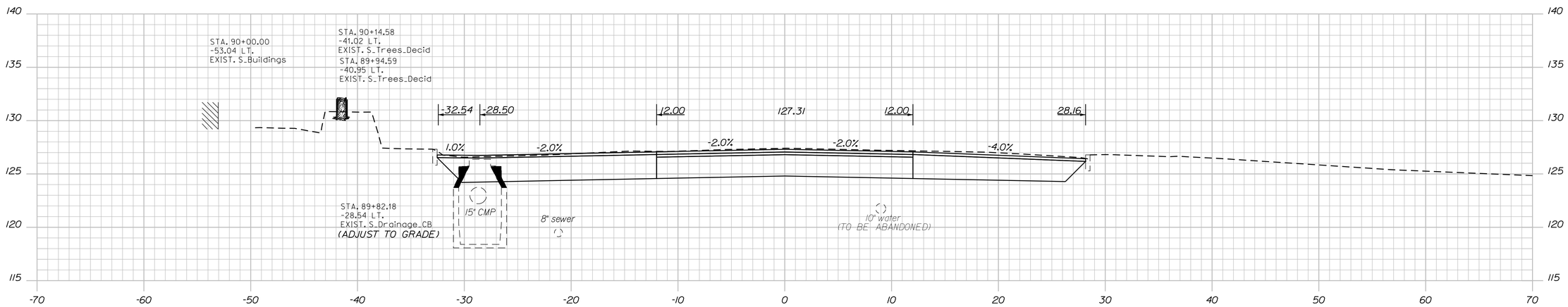
OF 187

Sta. 89+00.00 to Sta. 89+25.00

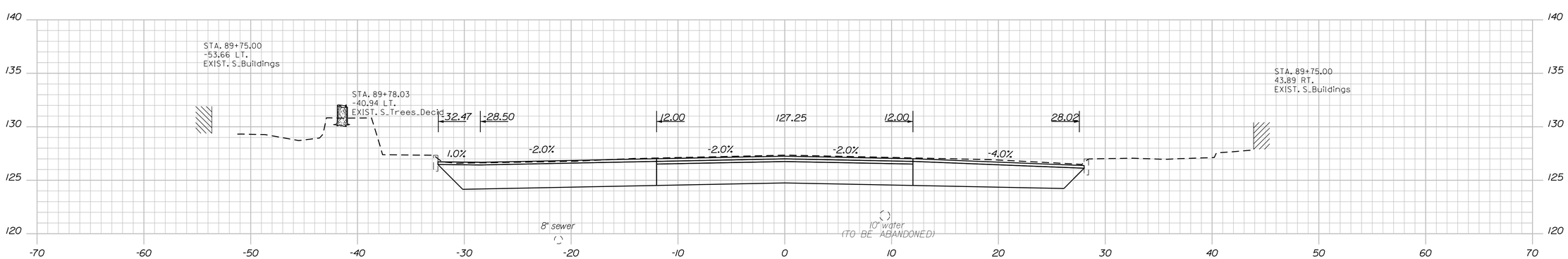
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



90+25.00



90+00.00



89+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

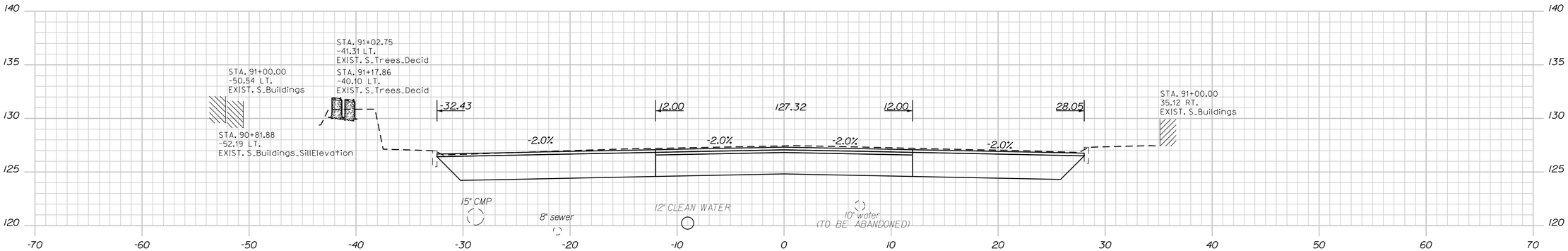
SHEET NUMBER

129

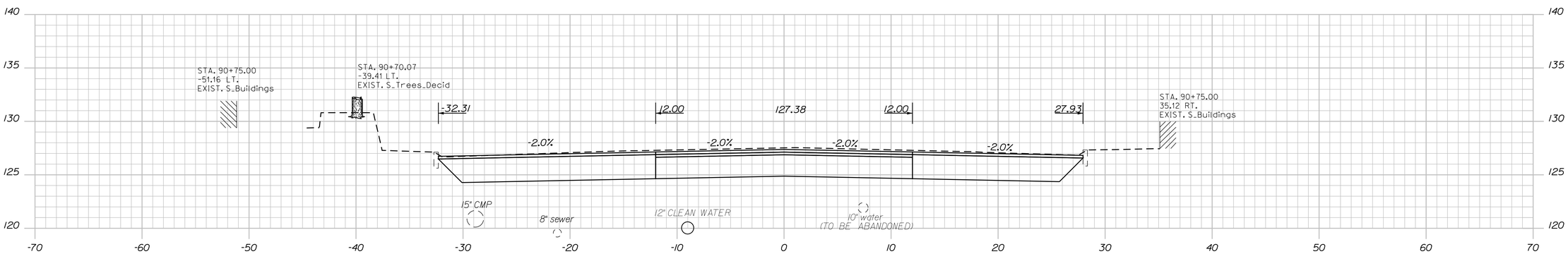
OF 187

Sta. 89+75.00 to Sta. 90+25.00

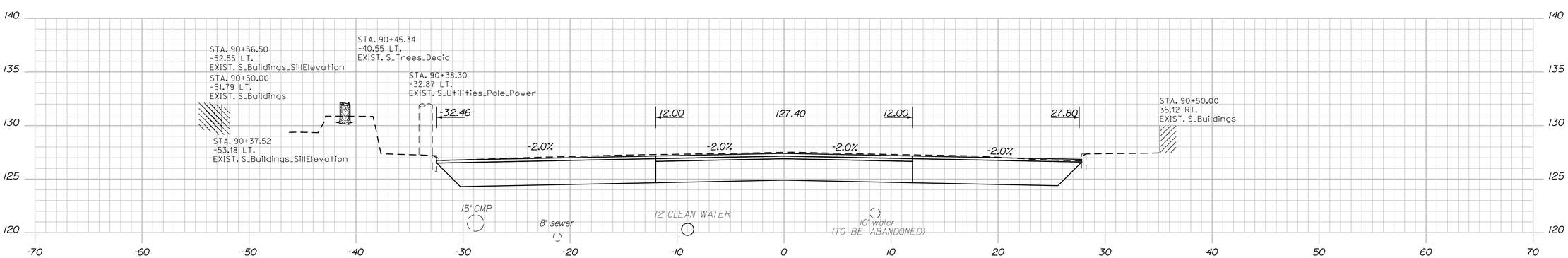
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



91+00.00



90+75.00



90+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.PIRMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

130

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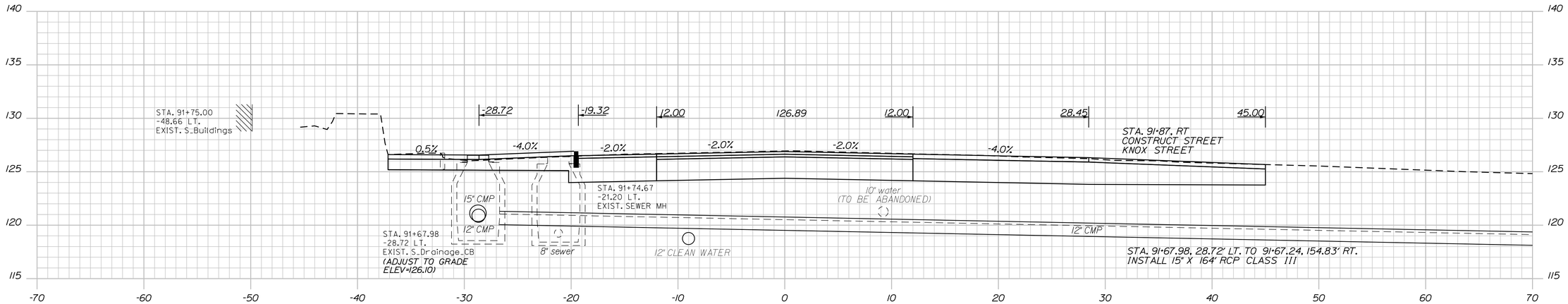
Sta. 90+50.00 to Sta. 91+00.00

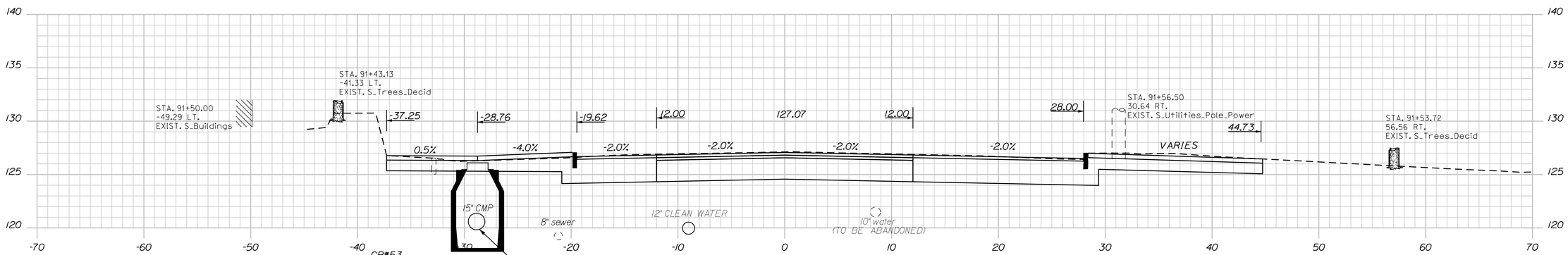
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015

STA. 92+10.04, 28.41' LT. TO 91+67.98, 28.72' LT.
INSTALL 12"X42' OPTION III

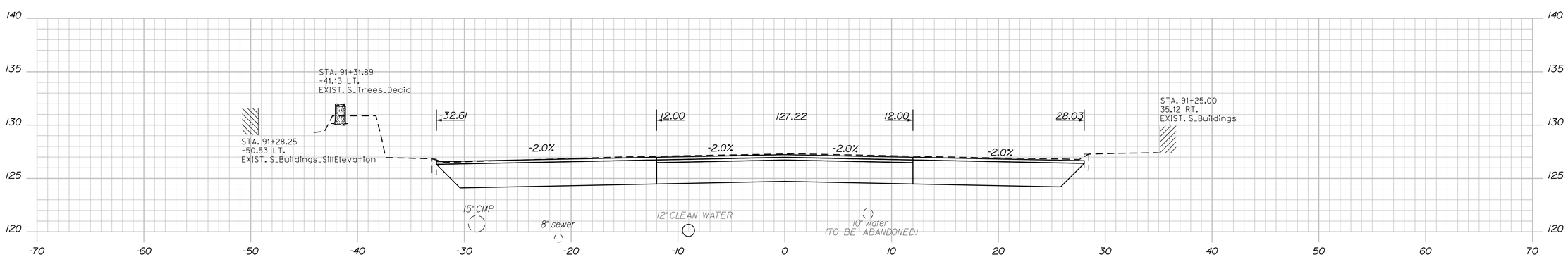


STA. 91+48.58, 28.61' LT. TO 91+67.98, 28.72' LT.
INSTALL 15"X16' OPTION III

91+75.00



91+50.00



91+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	10\1\15
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	J.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

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THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

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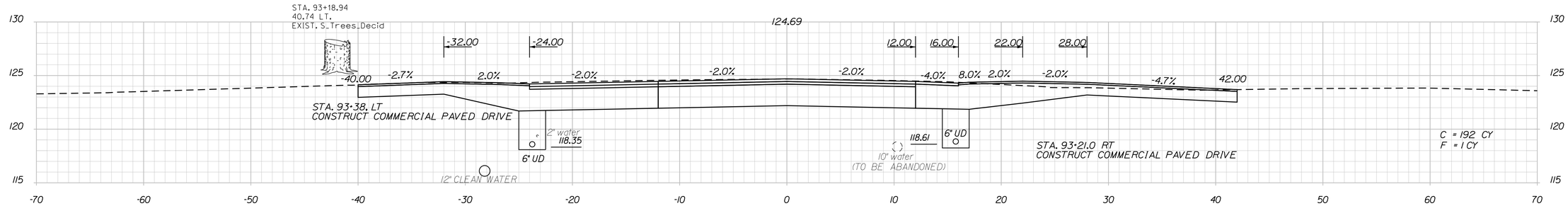
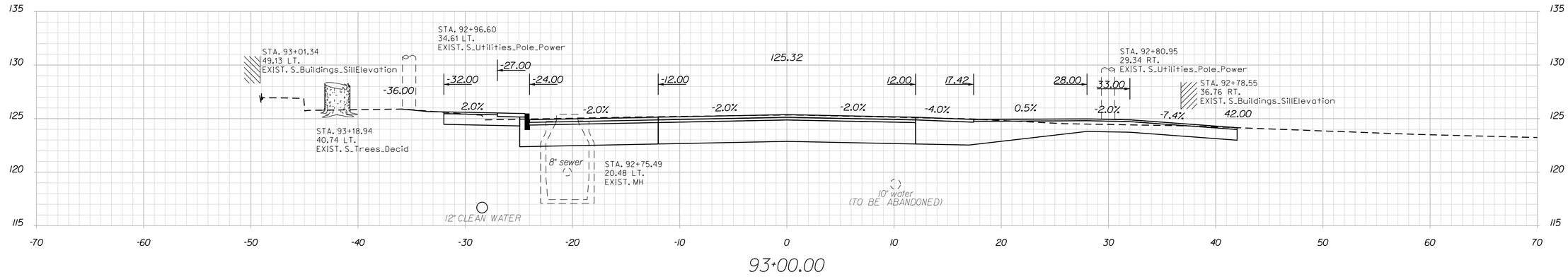
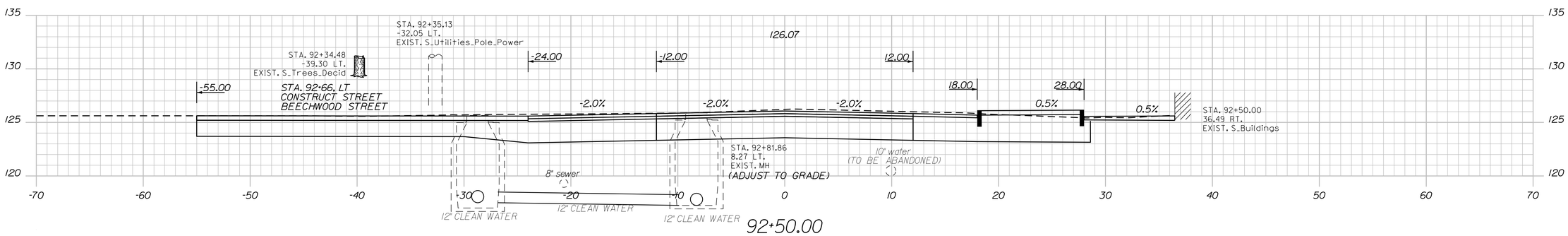
131
OF 187

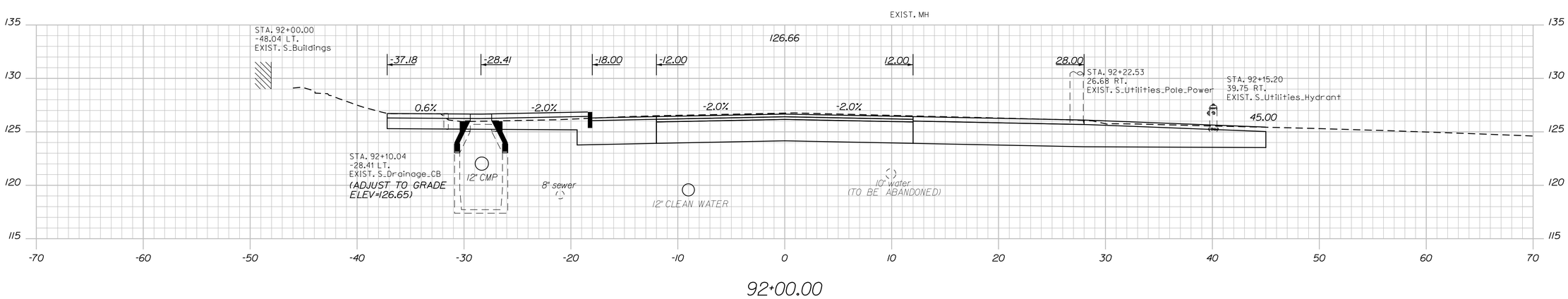
Sta. 91+25.00 to Sta. 91+75.00

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	C.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

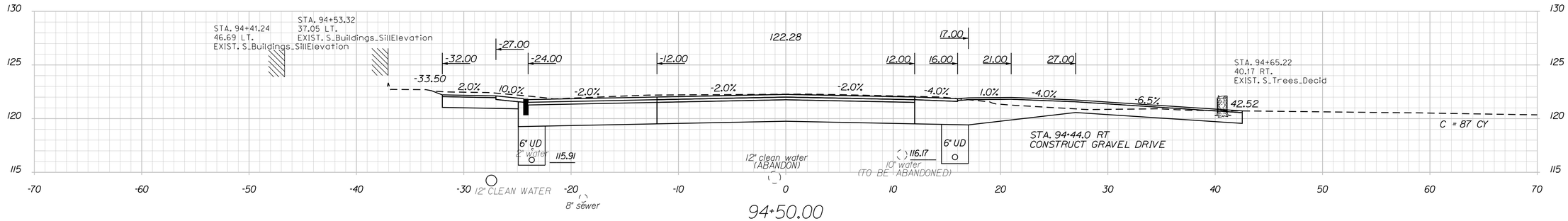
DATE

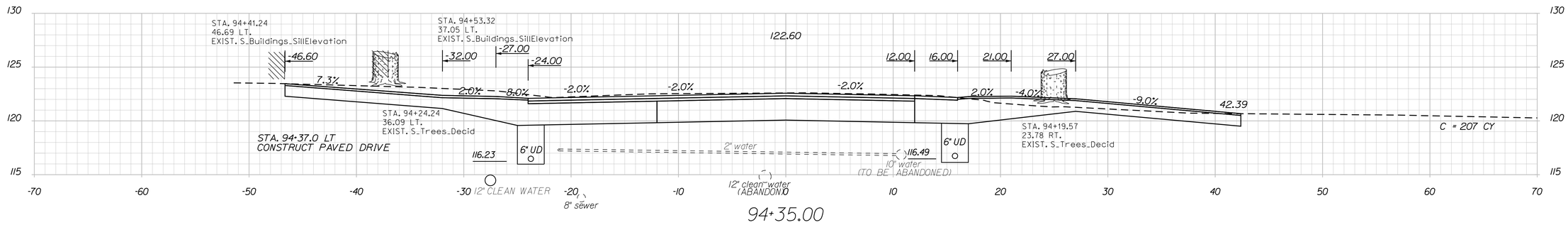
THOMASTON
U.S. ROUTE 1

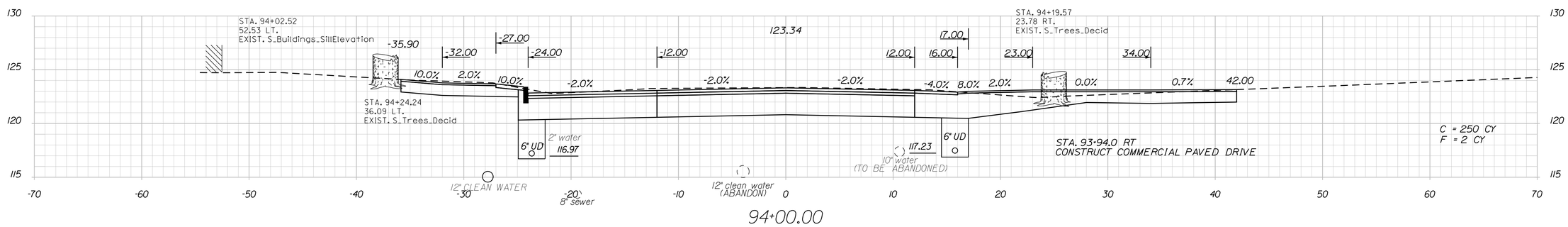
CROSS SECTIONS

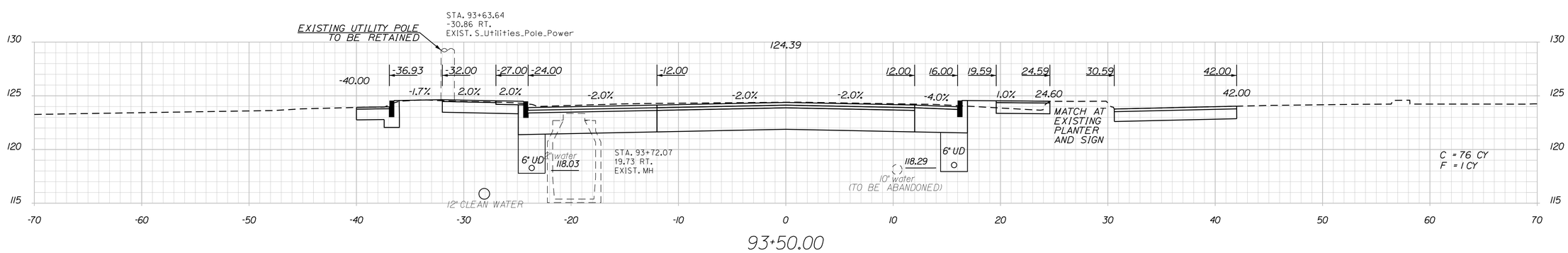
SHEET NUMBER
132
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

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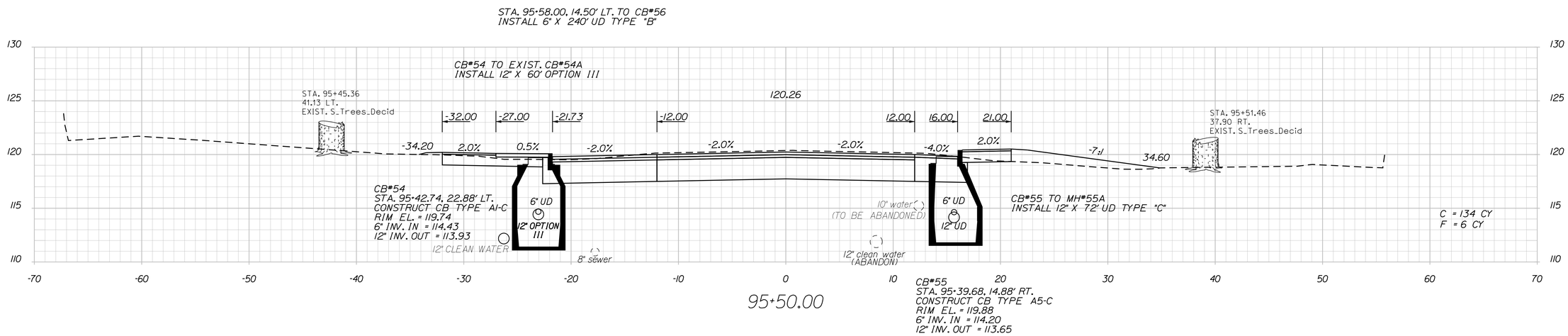
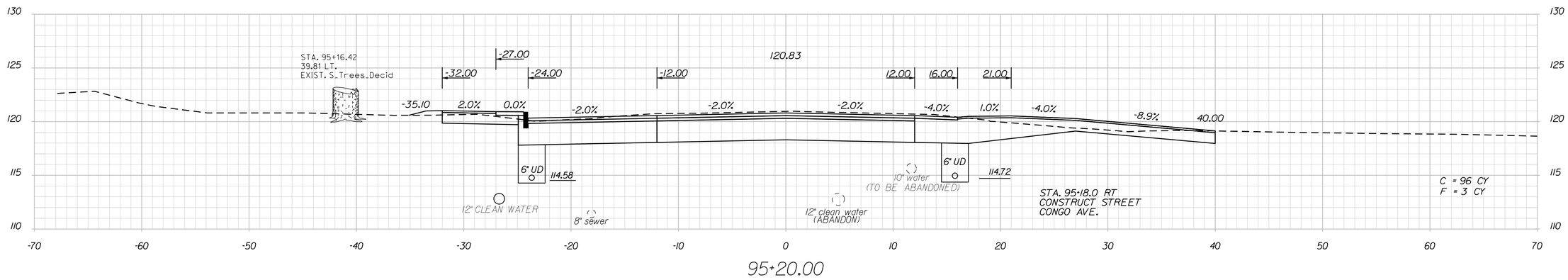
THOMASTON
U.S. ROUTE 1

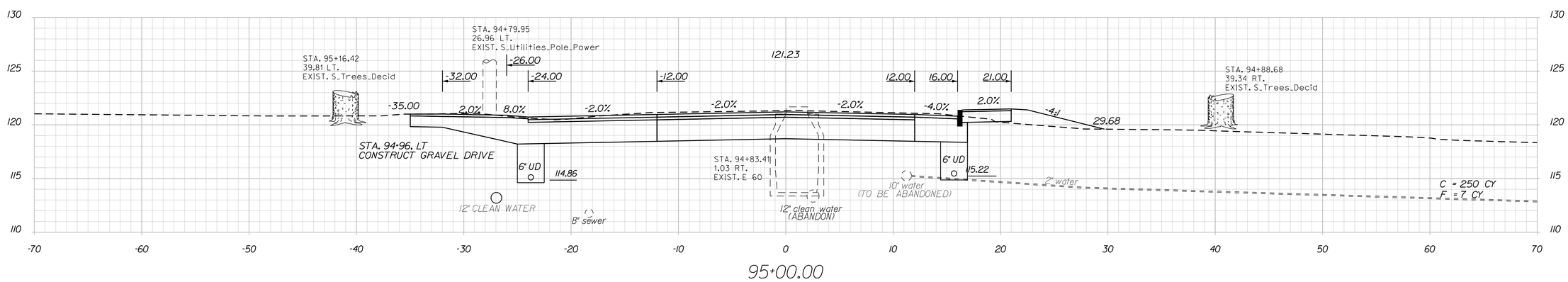
CROSS SECTIONS

SHEET NUMBER
133
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

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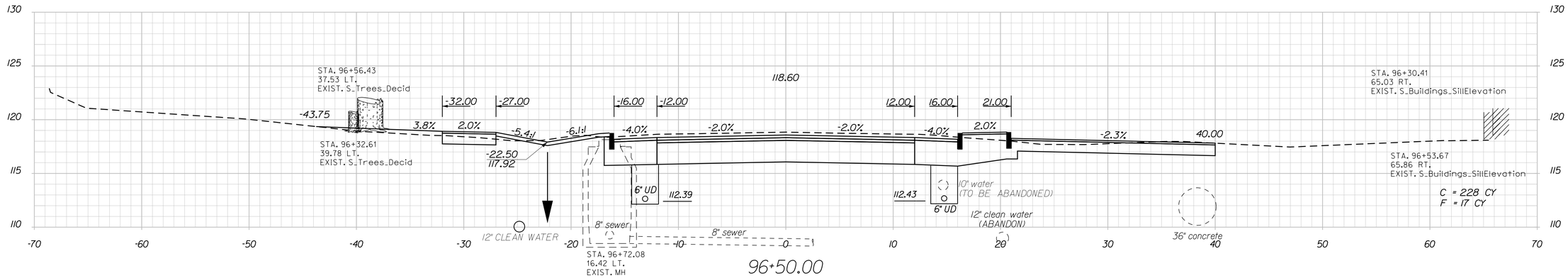
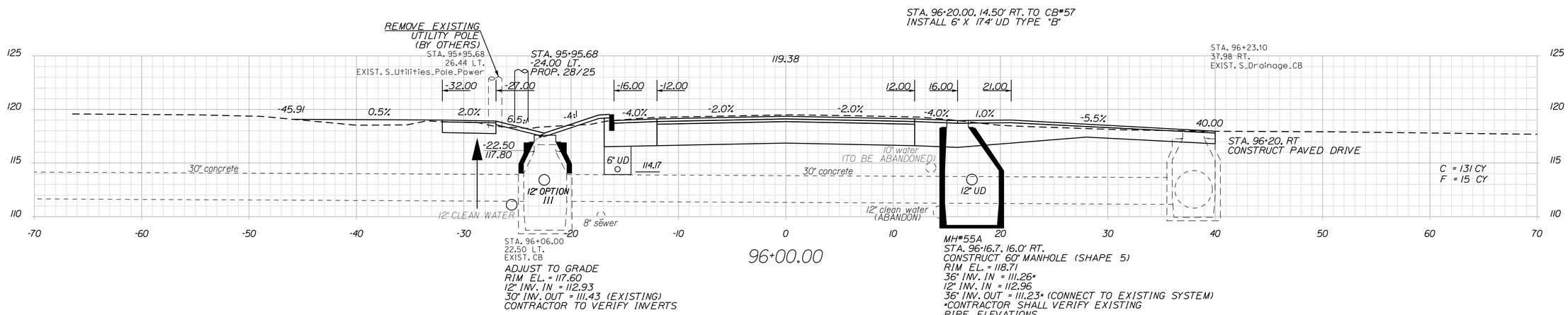
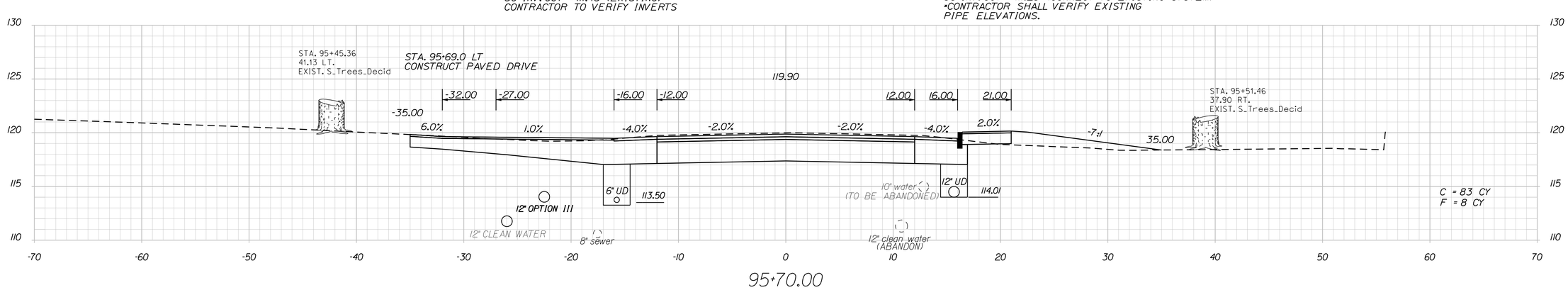
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

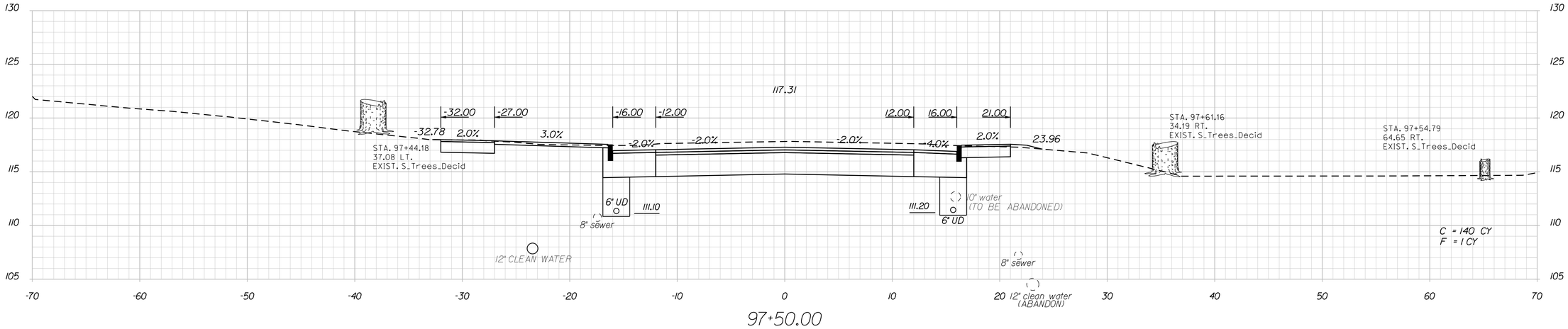
DATE

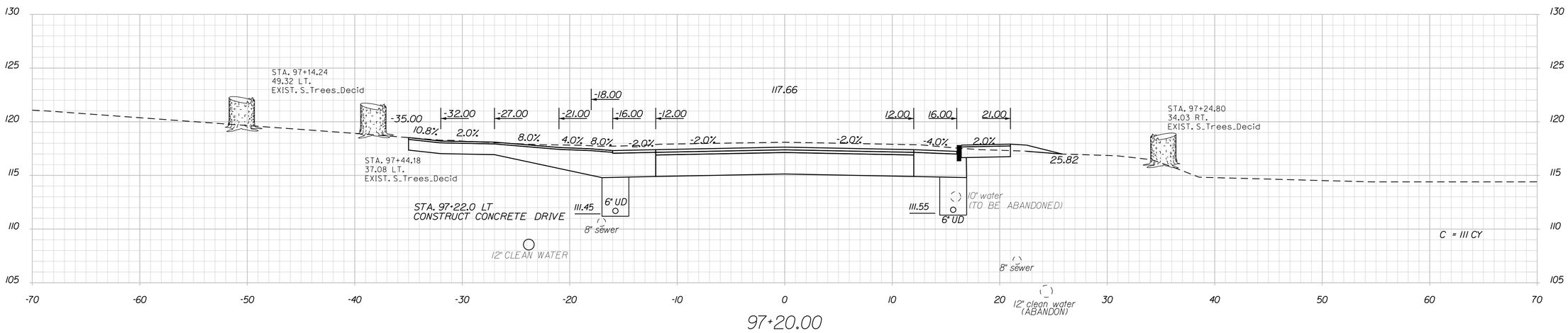
THOMASTON
U.S. ROUTE 1

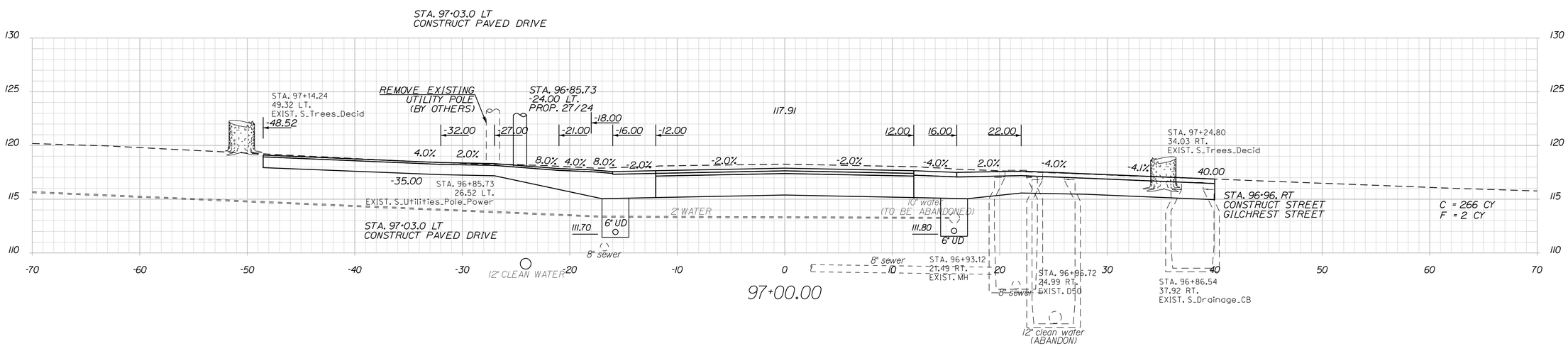
CROSS SECTIONS

SHEET NUMBER
135
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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CROSS SECTIONS

SHEET NUMBER

136

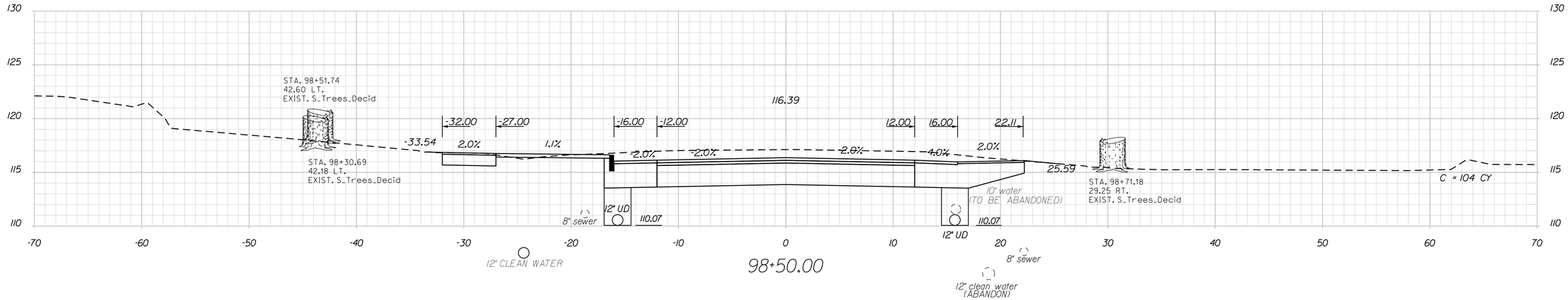
OF 187

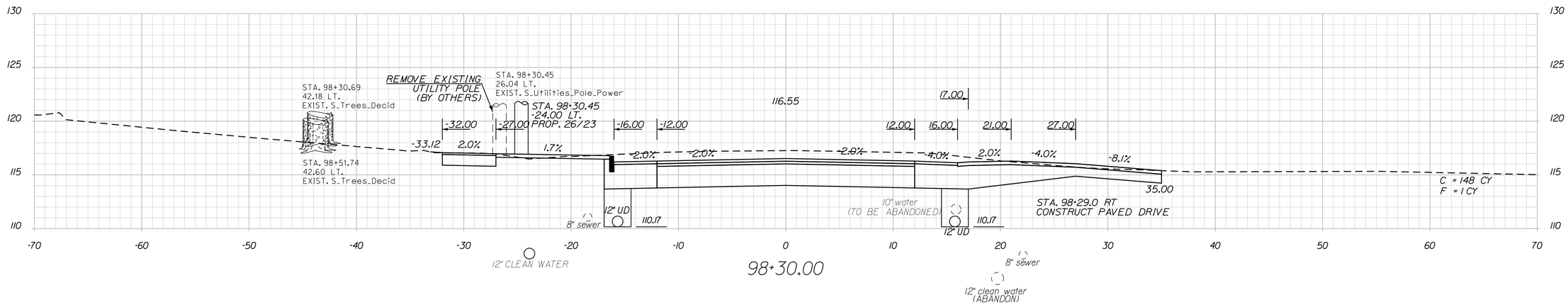
Date:10/28/2015

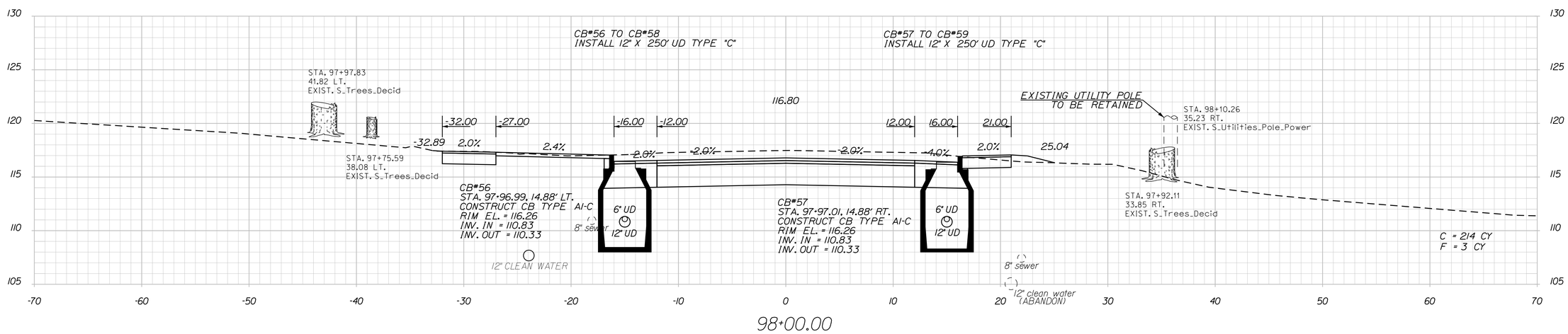
Username: common

Division: HIGHWAY

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANITY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

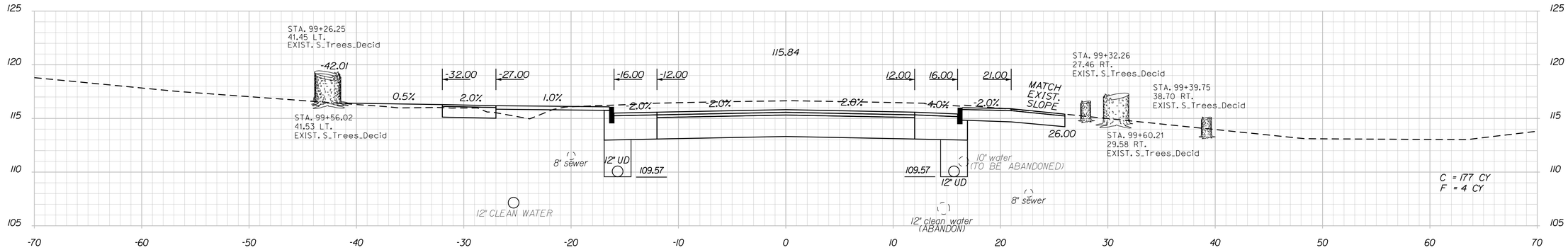
DATE

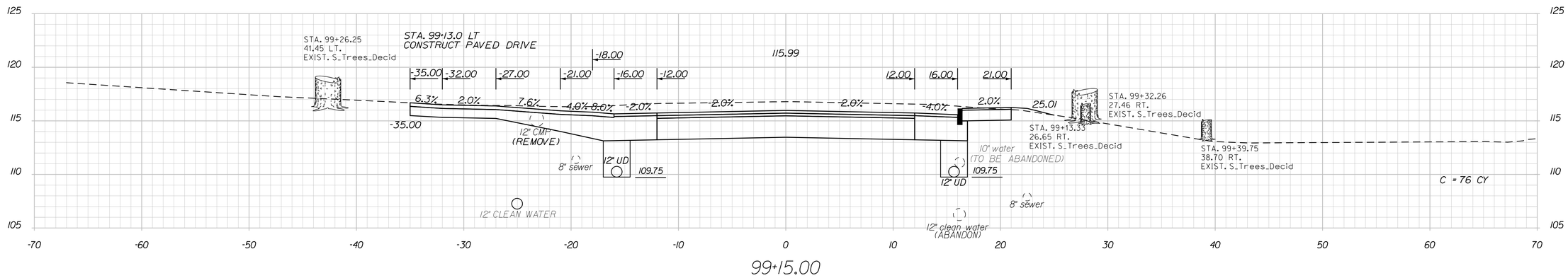
THOMASTON
U.S. ROUTE 1

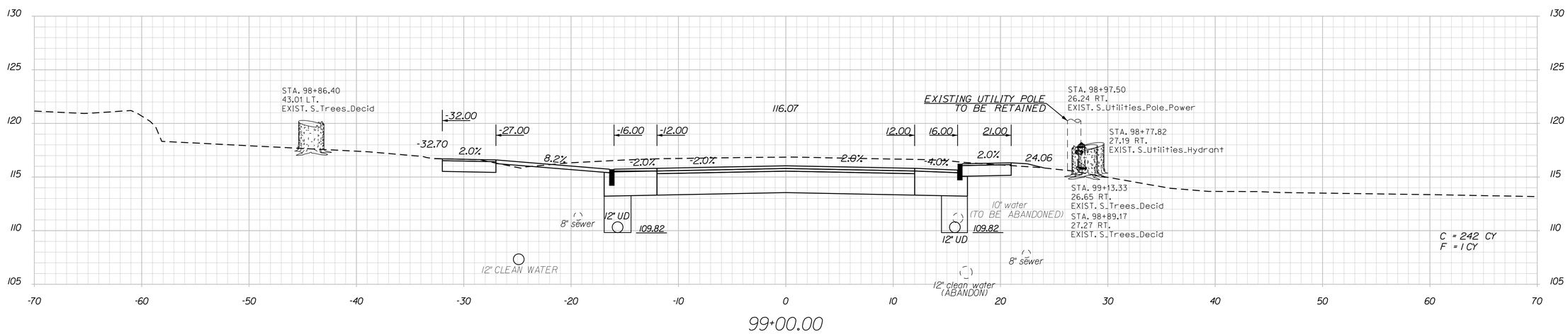
CROSS SECTIONS

SHEET NUMBER
137
OF 187

Filename: ...\00\HIGHWAY\MSTA1\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\1\15
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

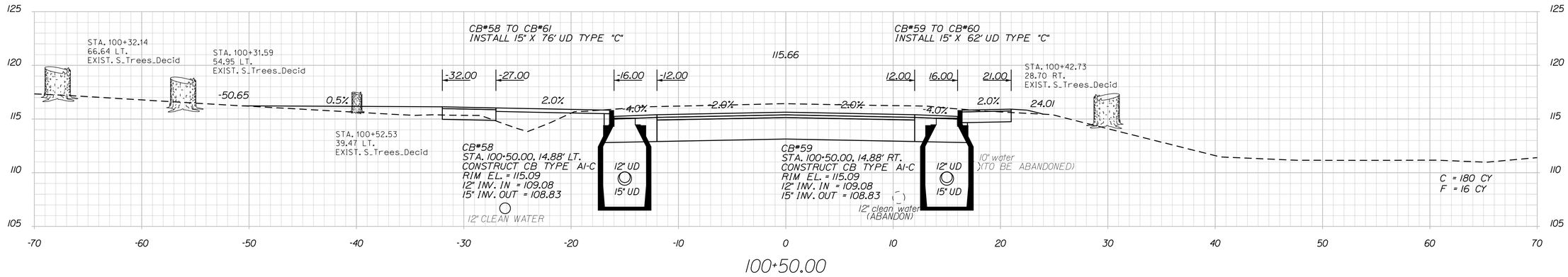
DATE

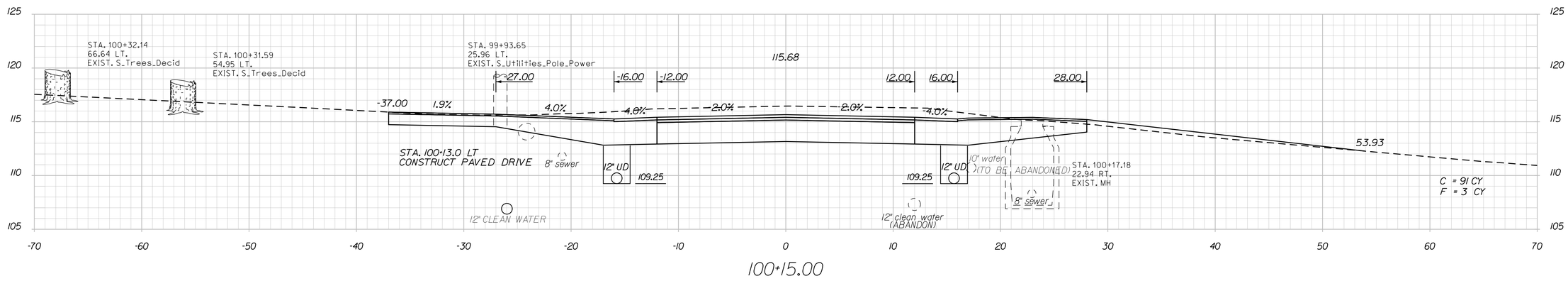
THOMASTON
U.S. ROUTE 1

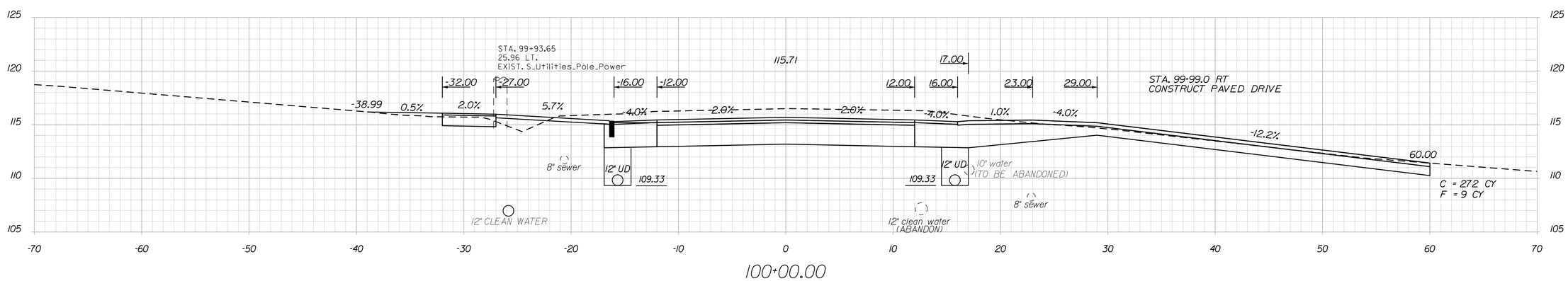
CROSS SECTIONS

SHEET NUMBER
138
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 4			
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SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER
139
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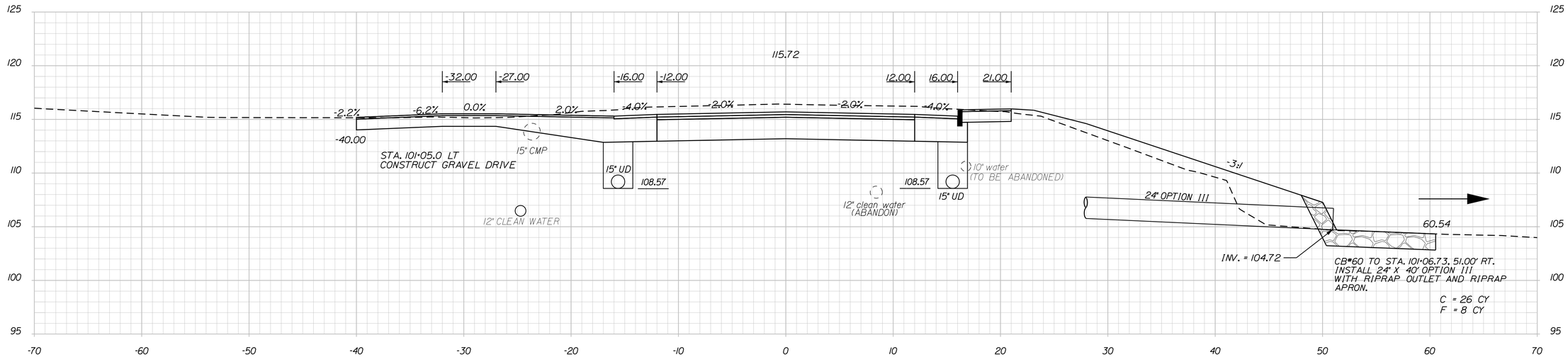
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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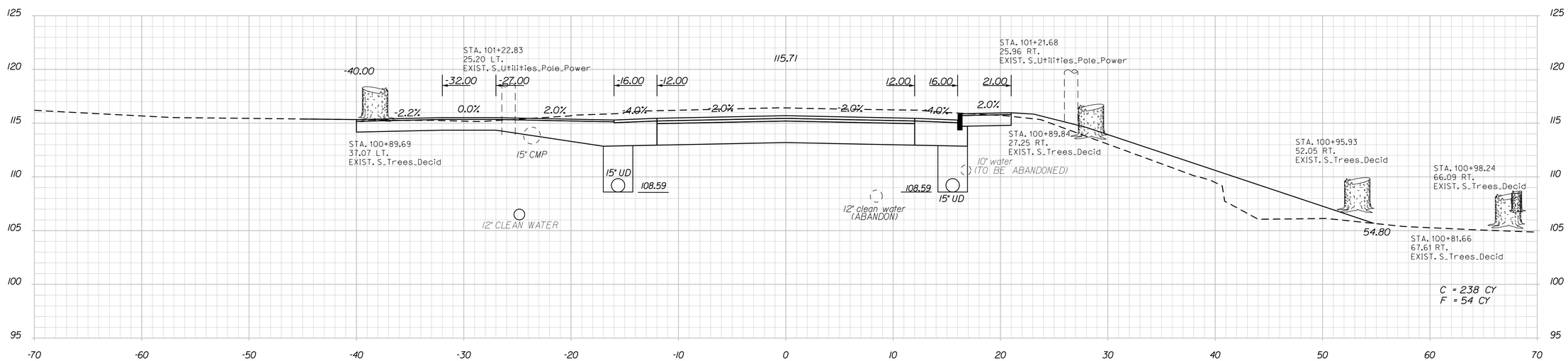

101+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
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REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

140

OF 187

Date:10/28/2015

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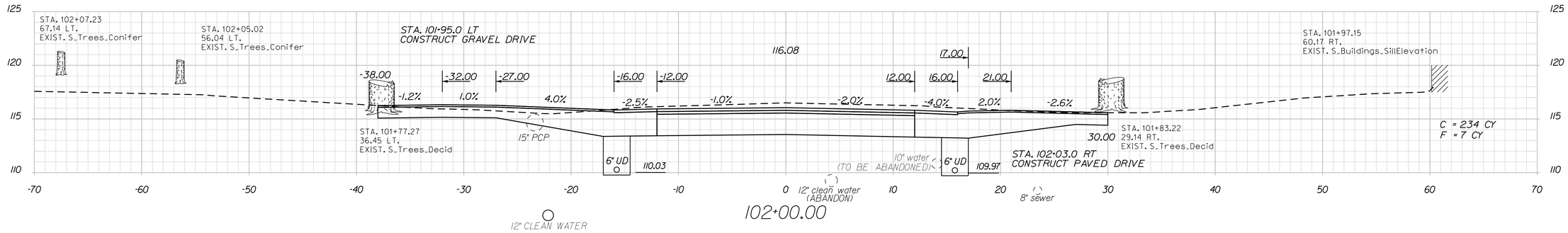

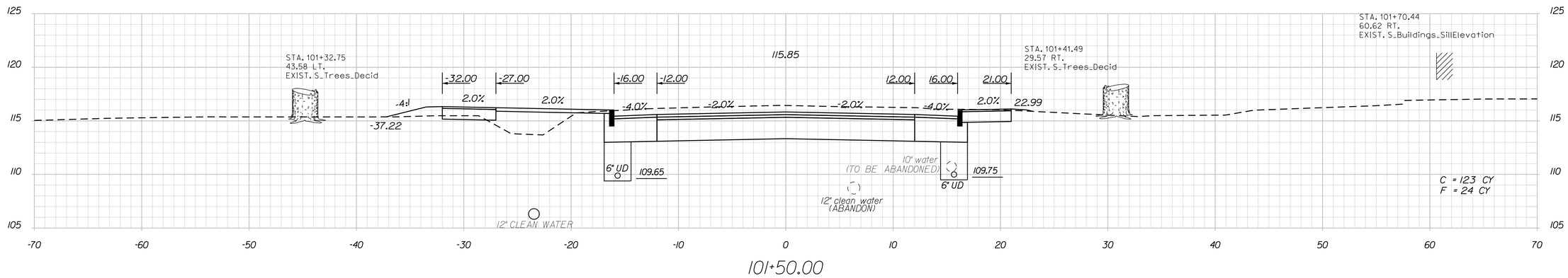

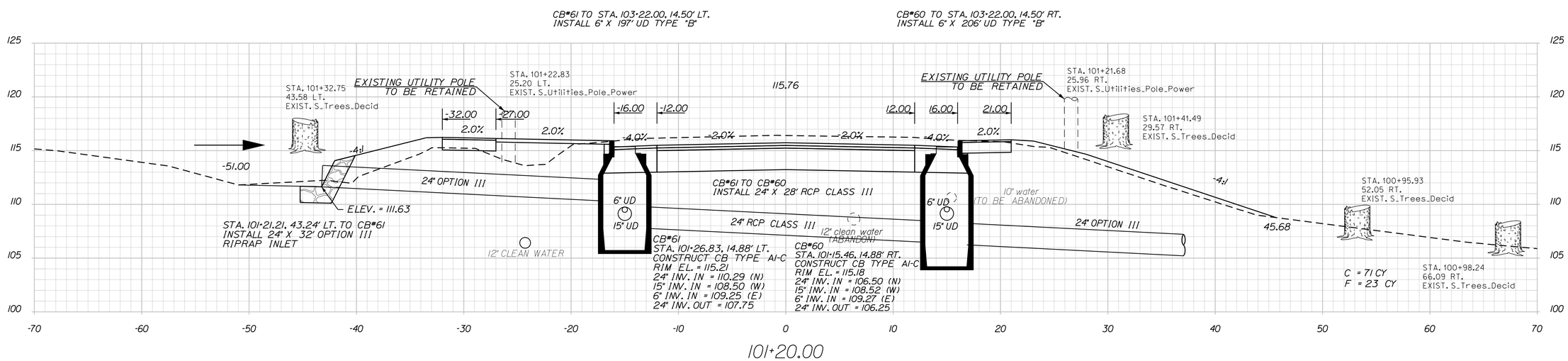

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANITY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER

141

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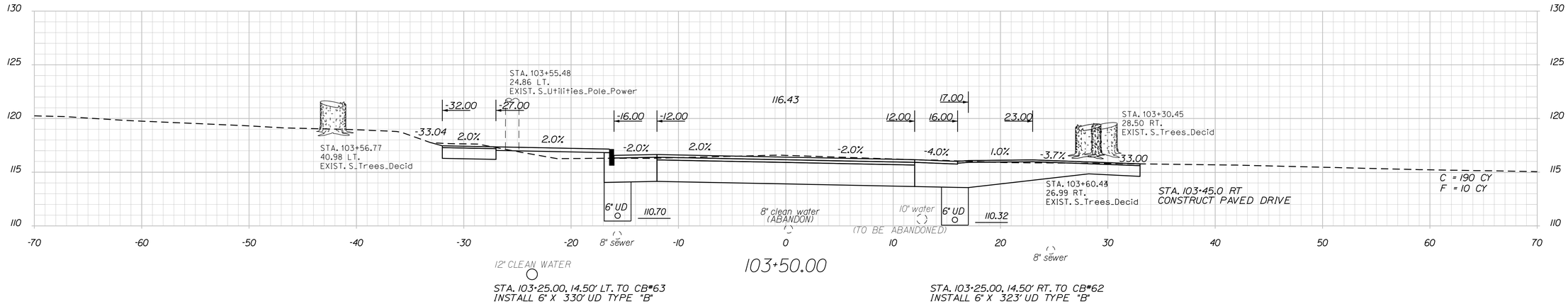
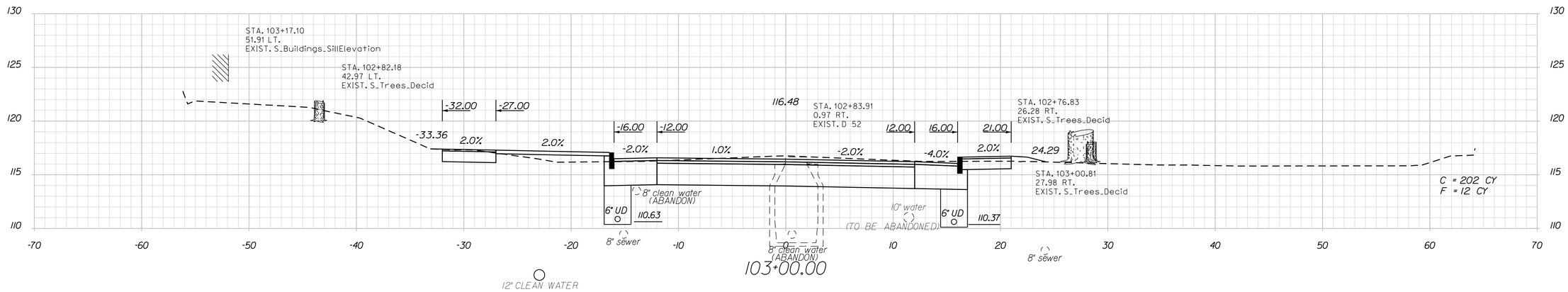
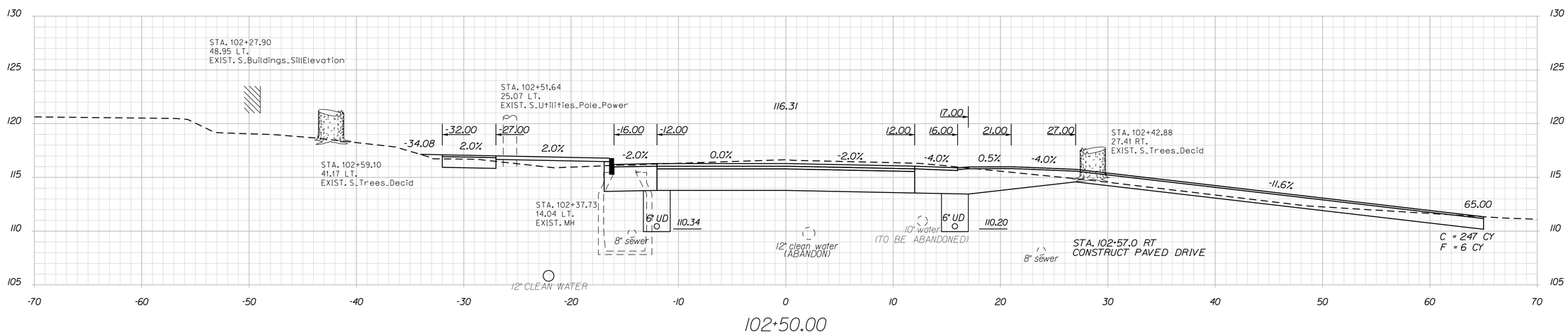
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

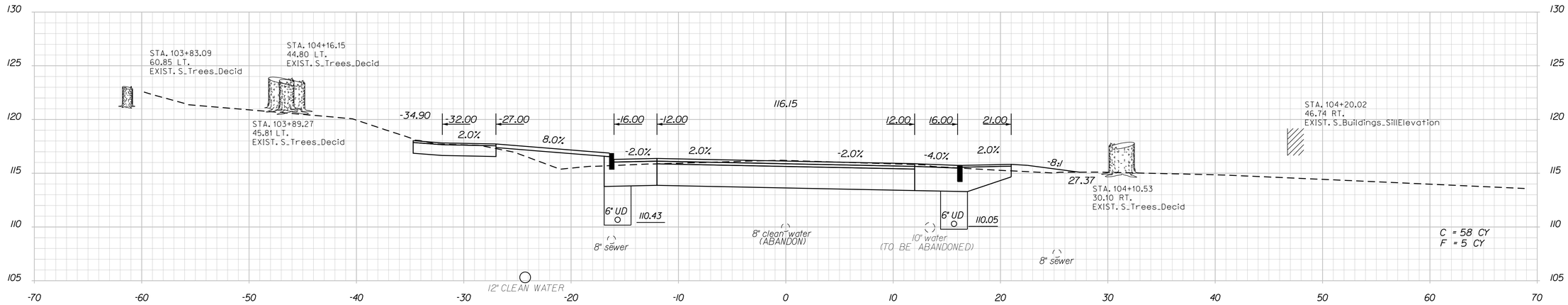
DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER
142
OF 187

Filename: ...\00\HIGHWAY\MSTA1xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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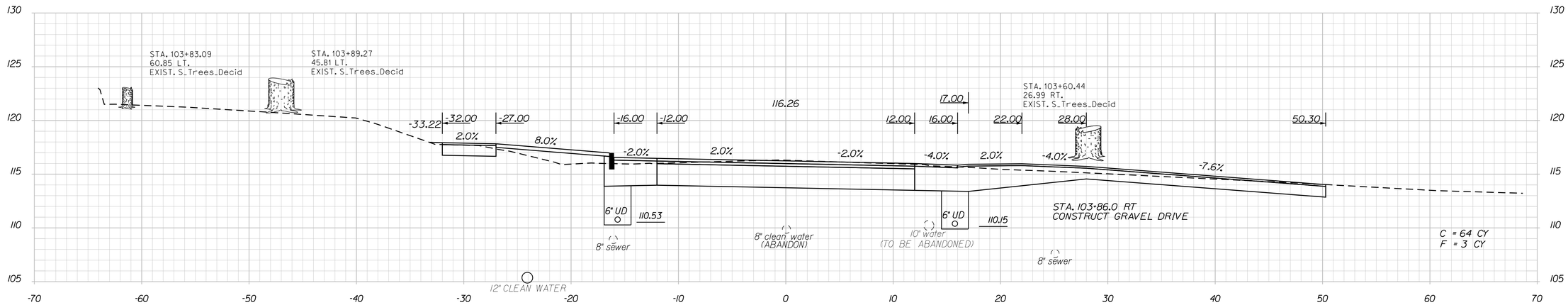

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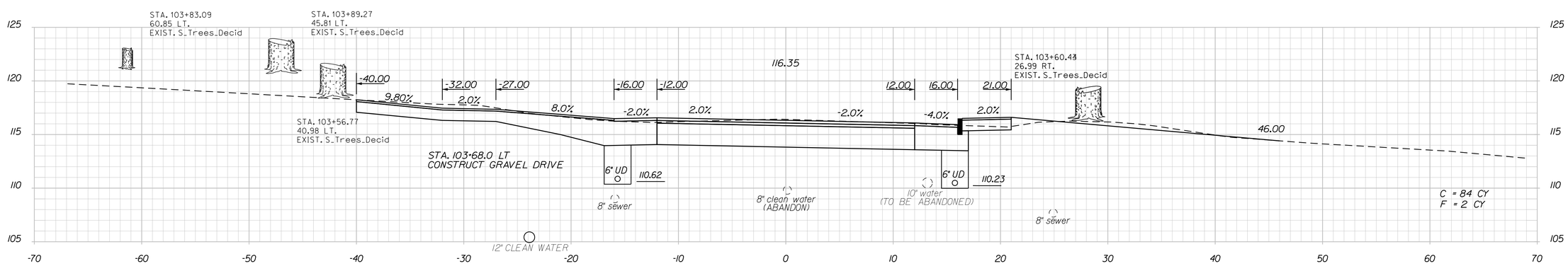

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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THOMASTON
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CROSS SECTIONS

SHEET NUMBER

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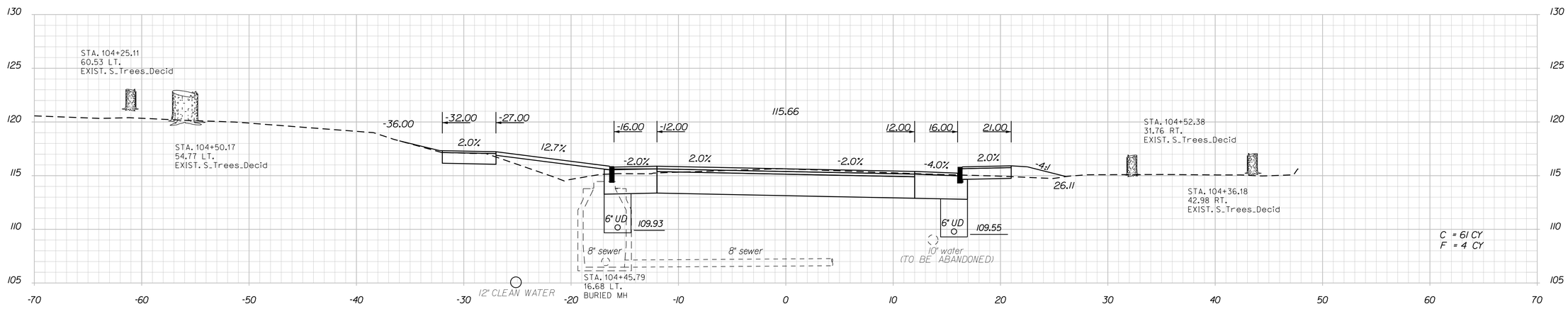
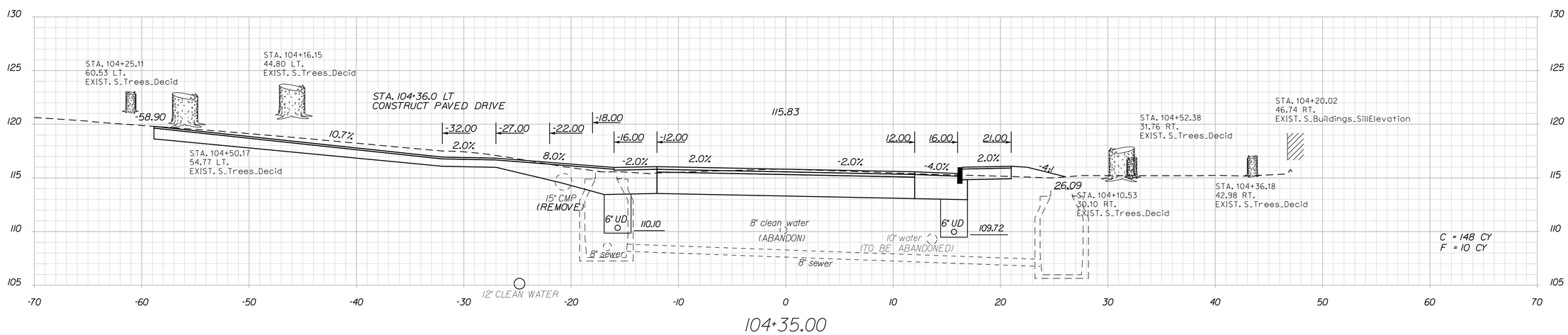
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015





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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
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U.S. ROUTE 1

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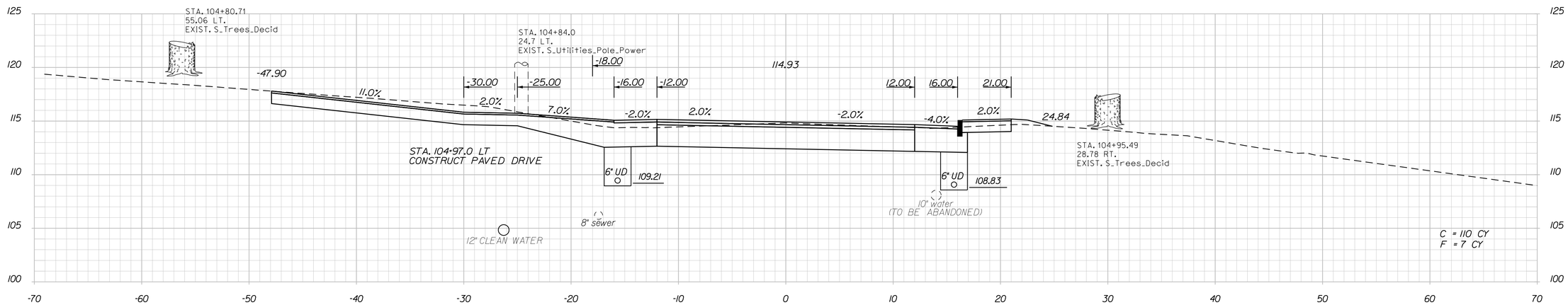

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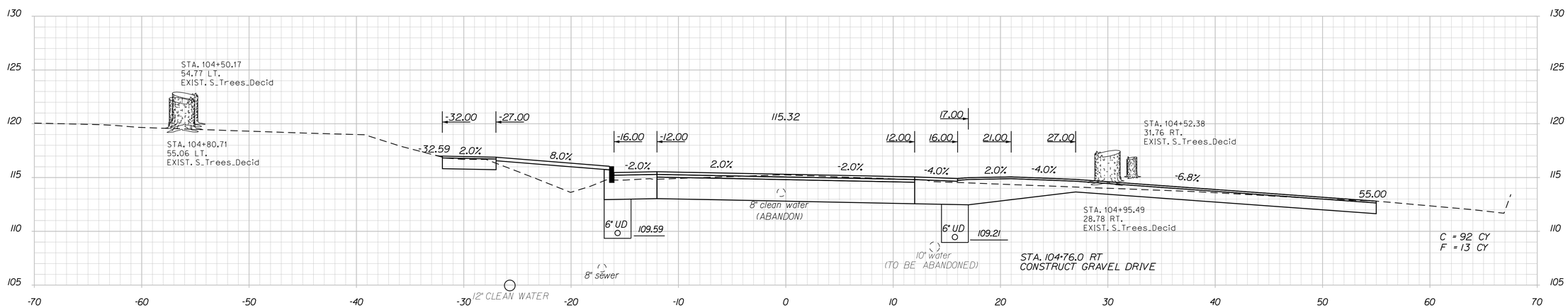

104+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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CROSS SECTIONS

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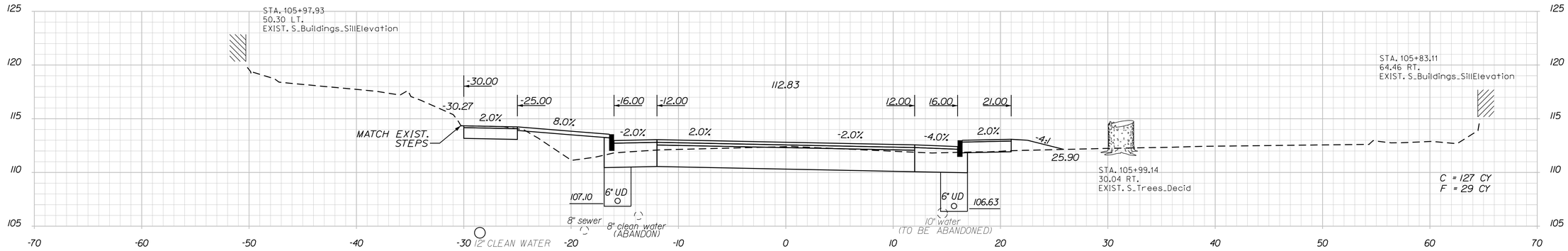
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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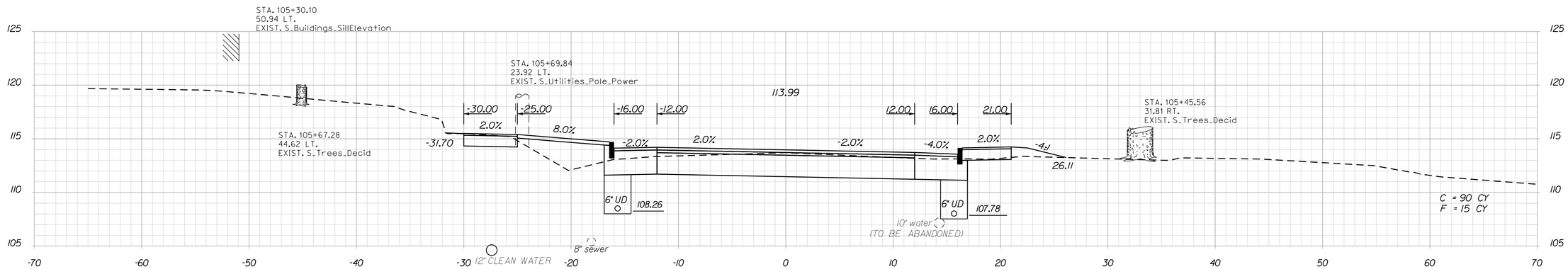

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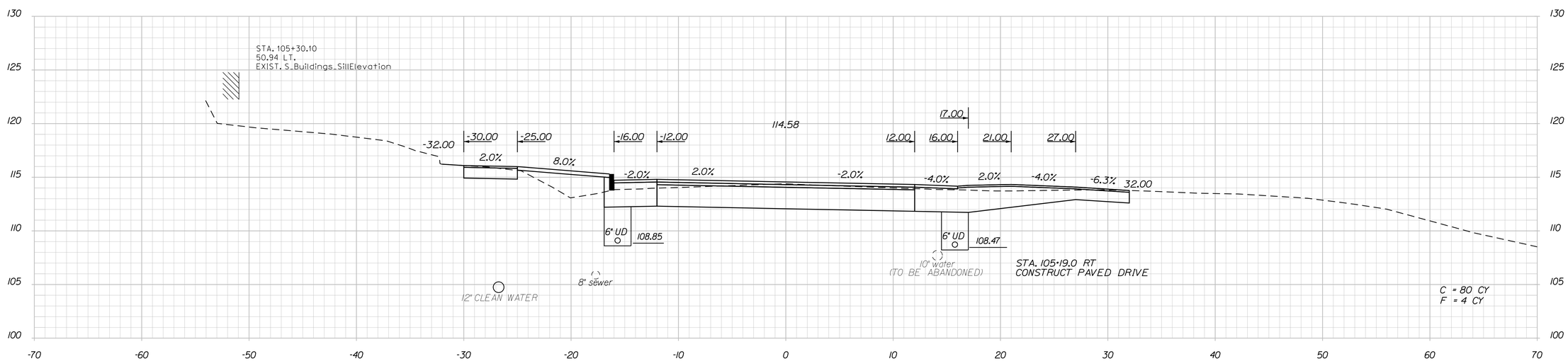

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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FIELD CHANGES			

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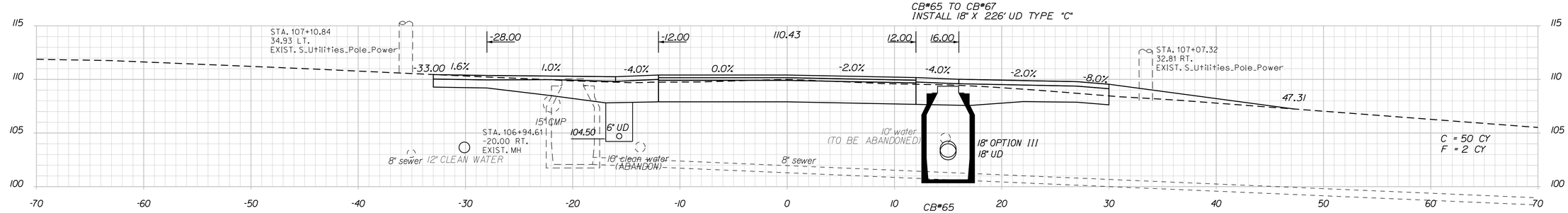
U.S. ROUTE 1

CROSS SECTIONS

SHEET NUMBER
146
OF 187

Filename: ...\00\HIGHWAY\MSTA1\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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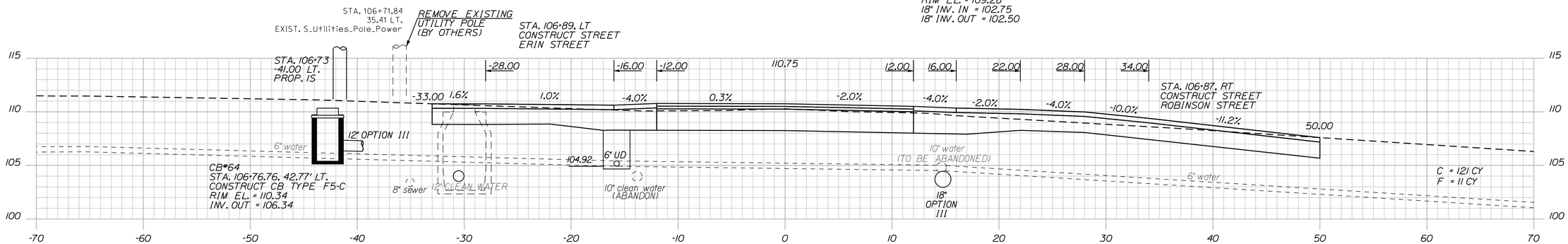

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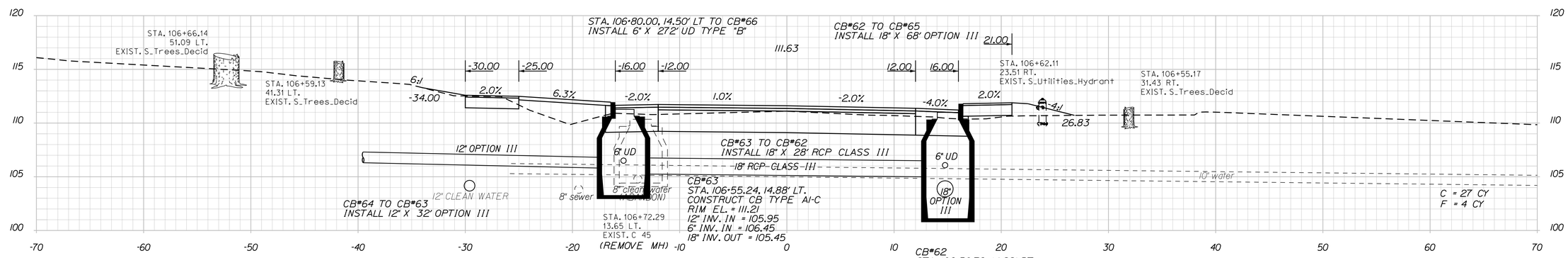

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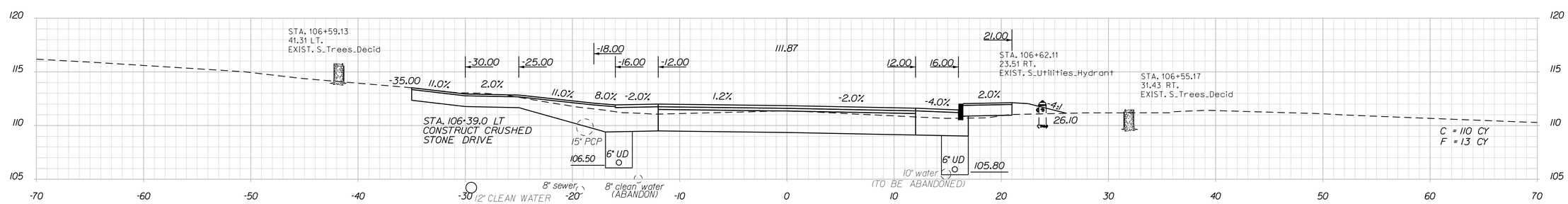

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	C.SANTY	
DESIGN2-DETAILED2	J.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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DATE

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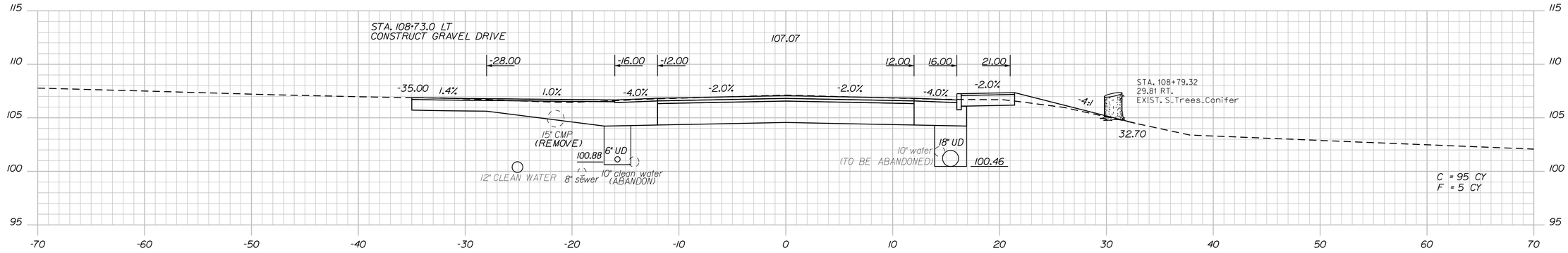
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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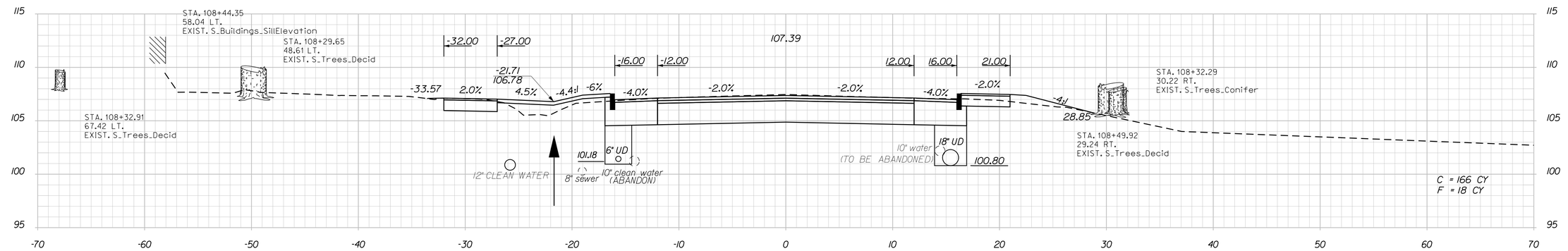

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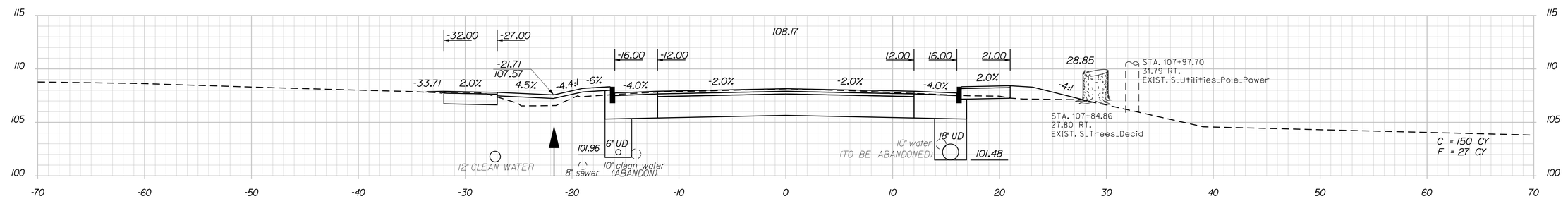

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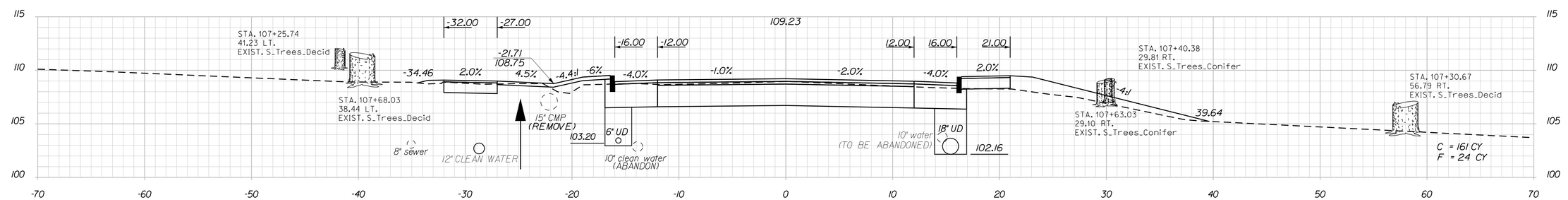

107+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

THOMASTON
U.S. ROUTE 1

CROSS SECTIONS

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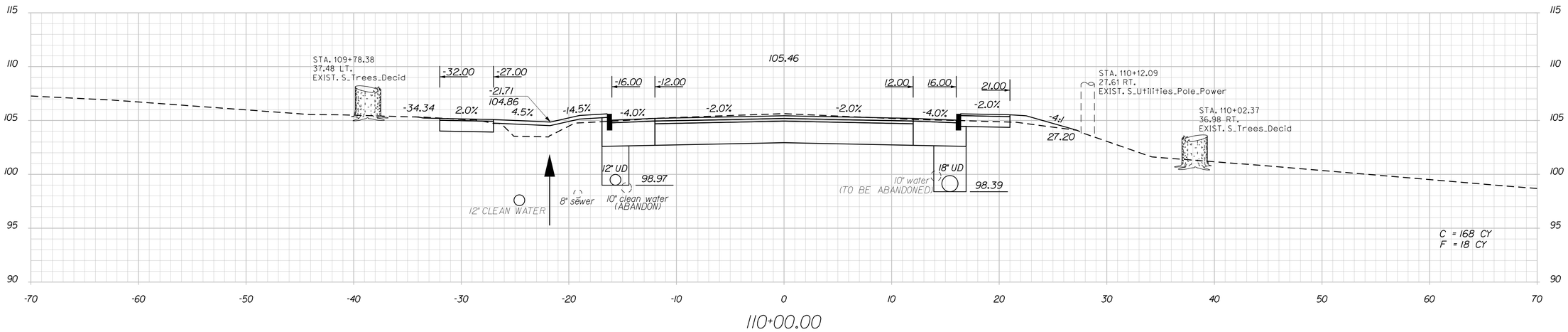
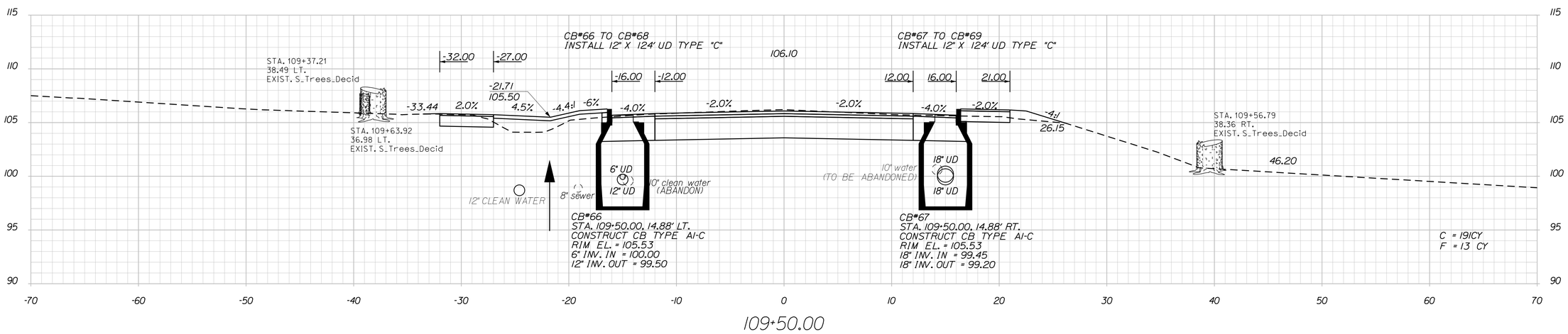
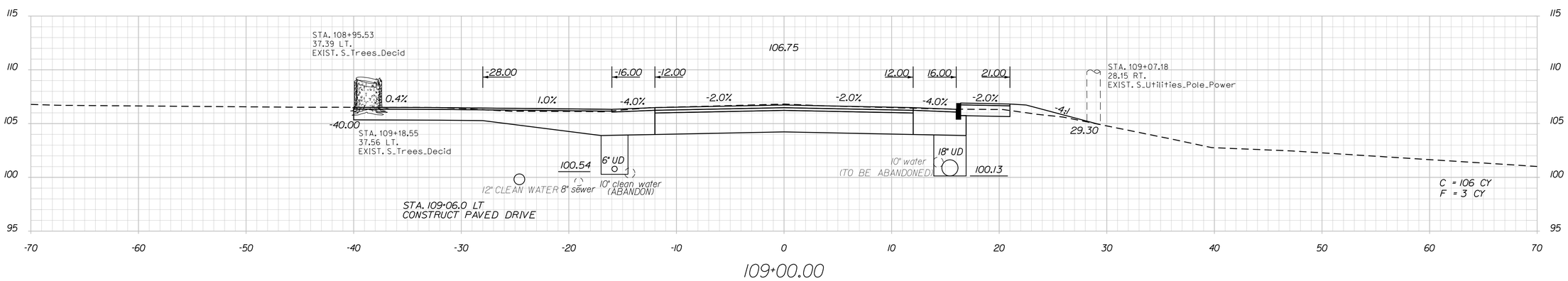
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANITY	10\1\15
DESIGN2-DETAILED2	L.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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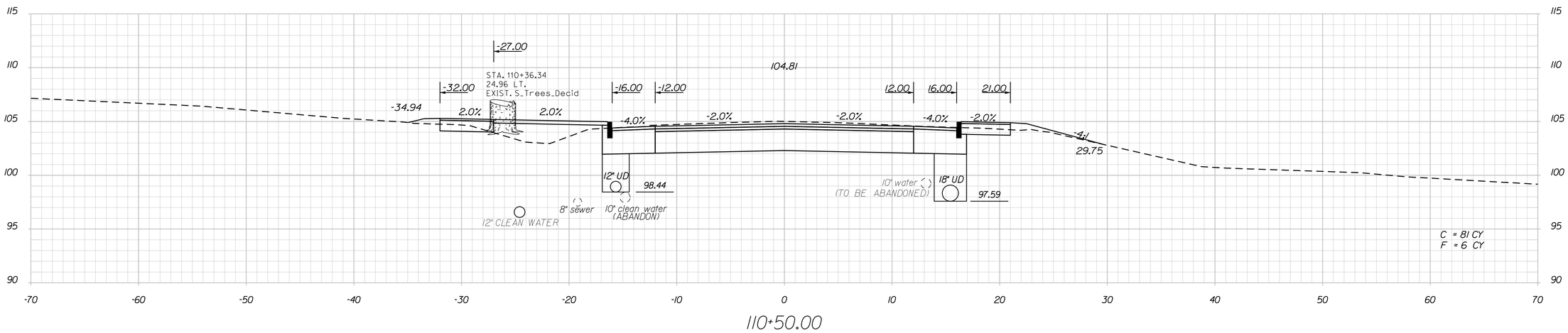
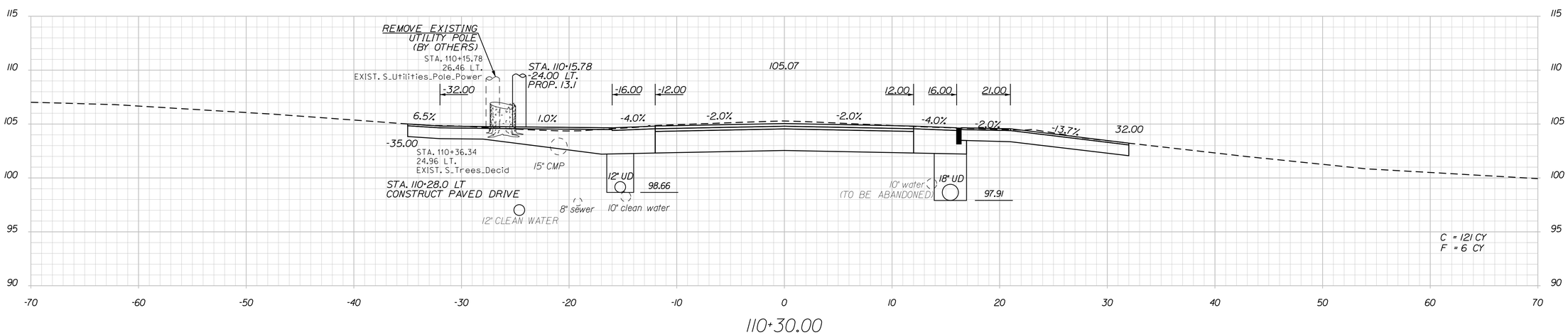
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015





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DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

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HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 4			
FIELD CHANGES			

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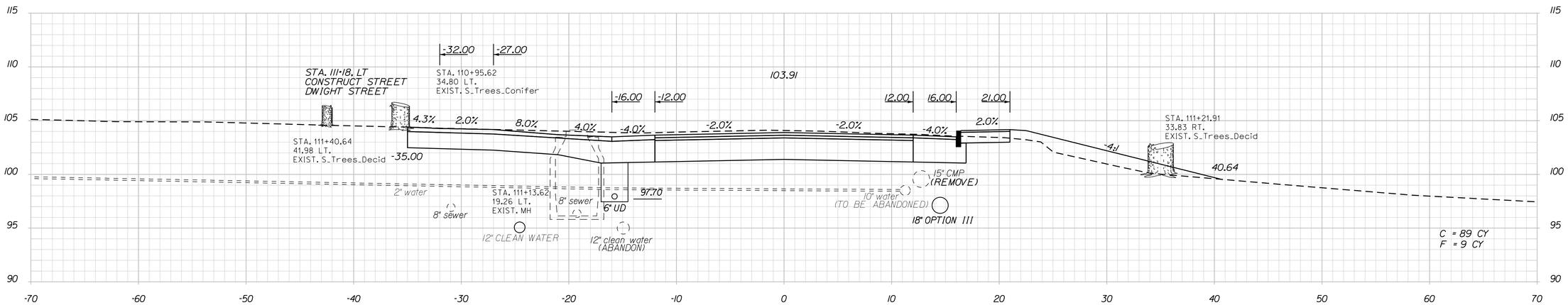
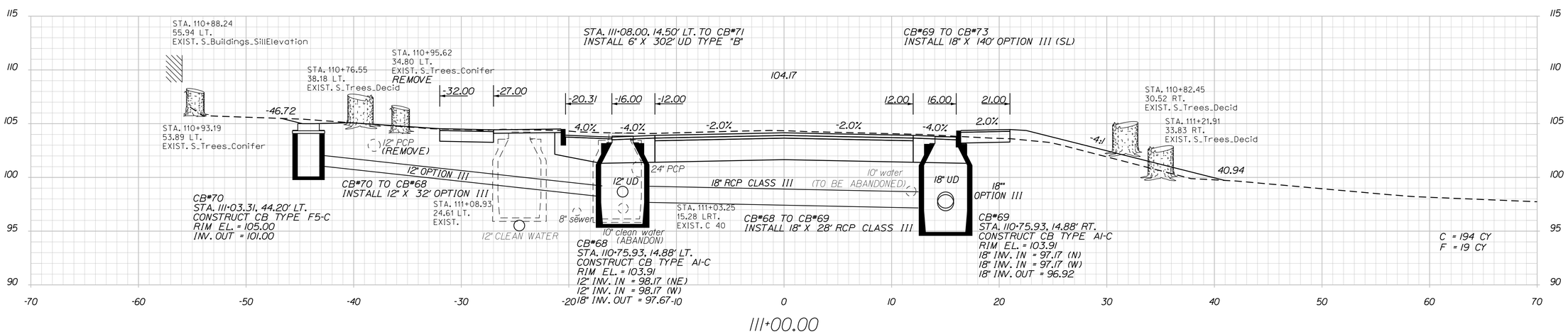
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015





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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		10\\\5
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 4			
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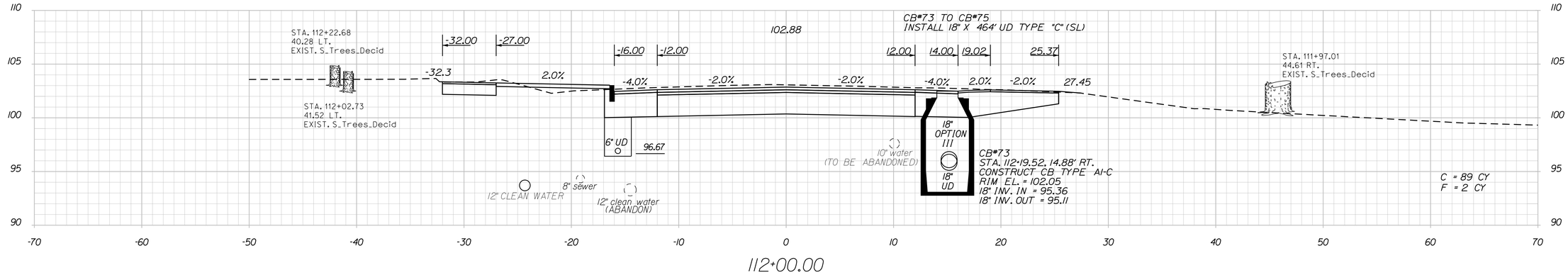

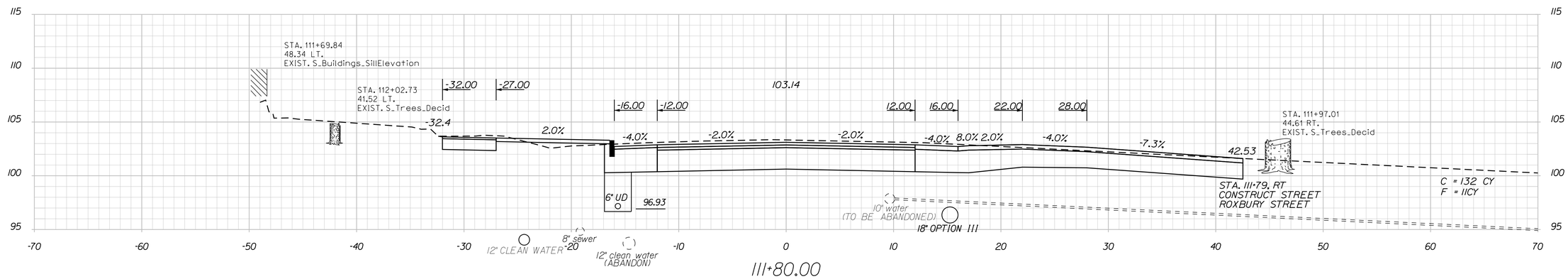

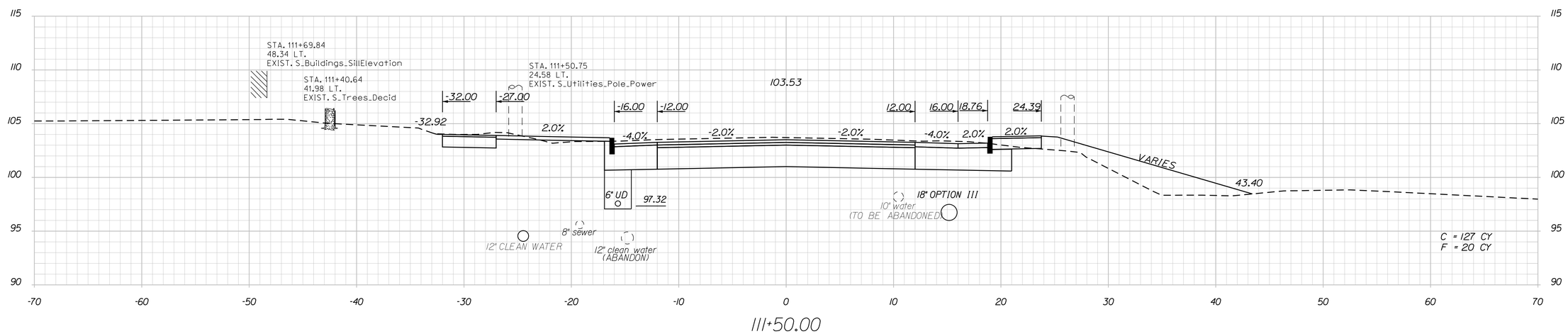

Date:10/28/2015

Username: common

Division: HIGHWAY

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
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HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
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U.S. ROUTE 1

CROSS SECTIONS

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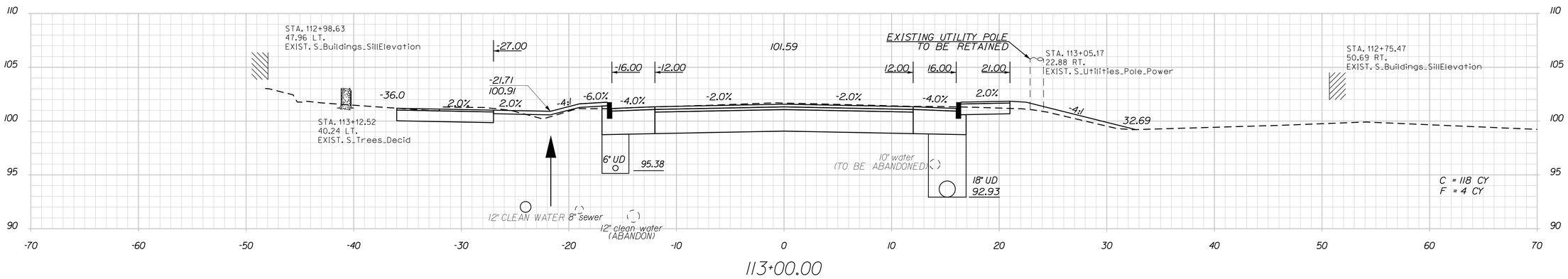

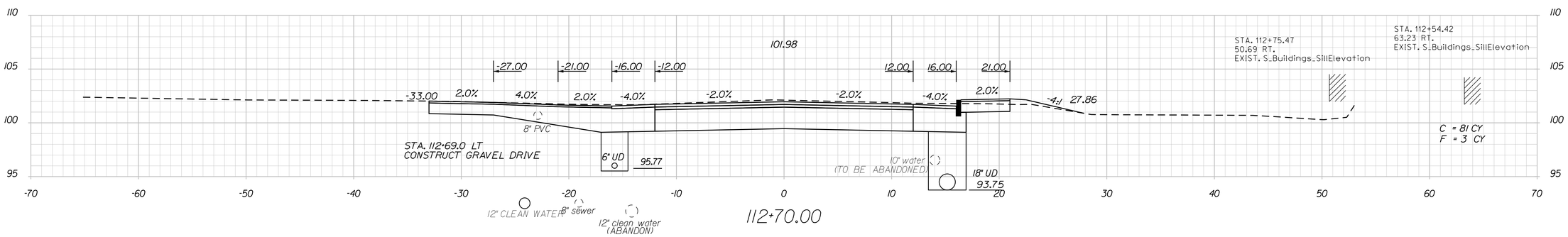

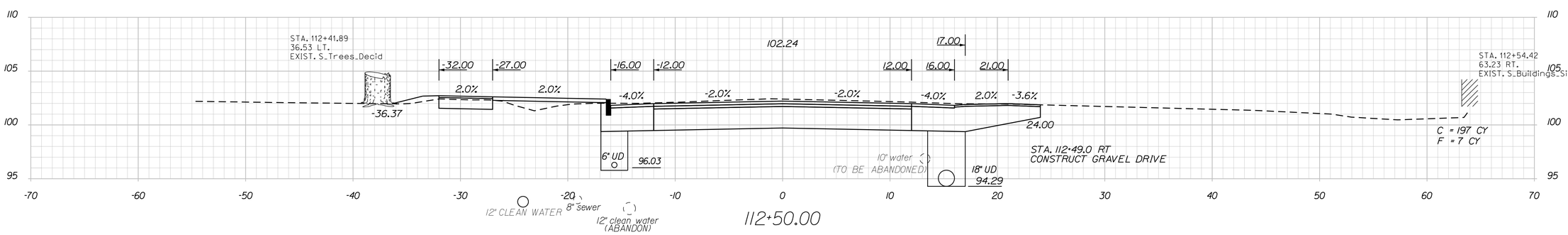

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HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 4			
FIELD CHANGES			

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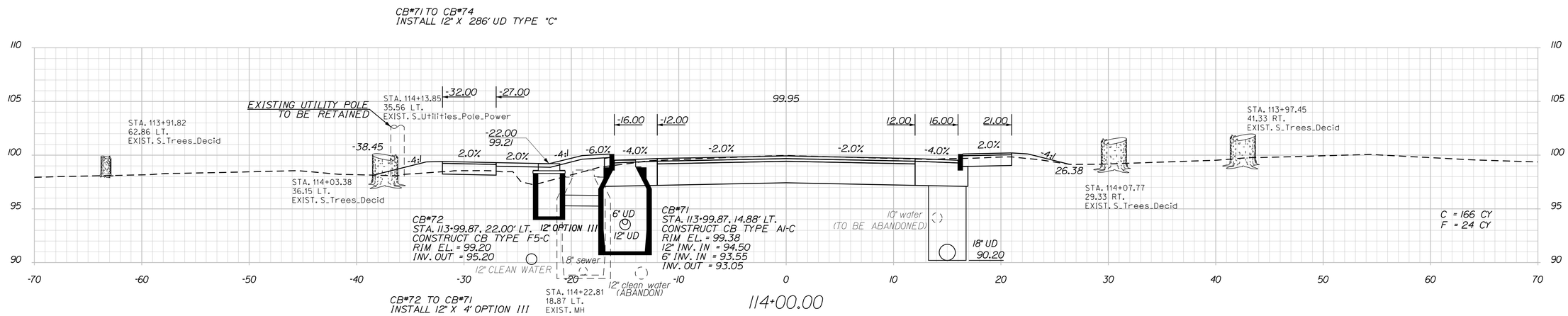
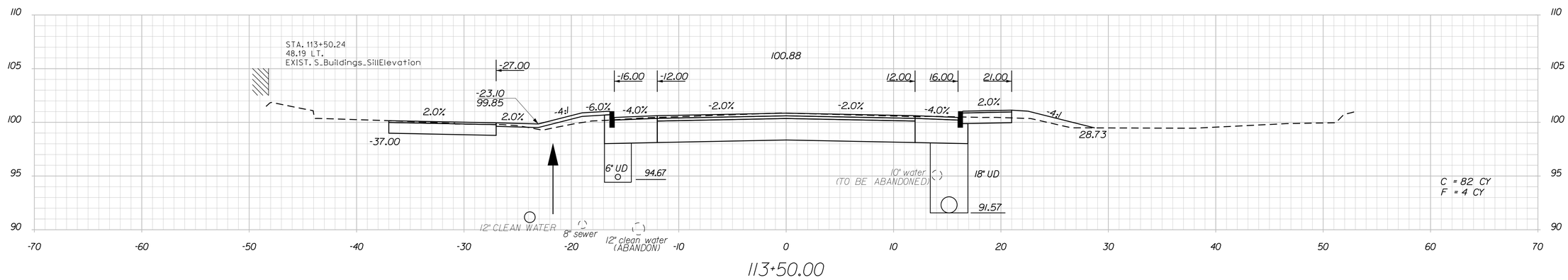
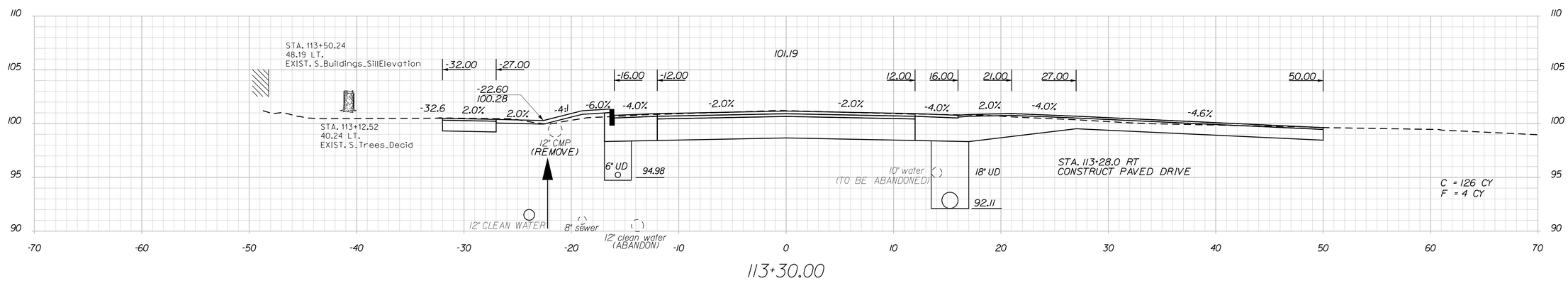
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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DATE

THOMASTON
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CROSS SECTIONS

SHEET NUMBER

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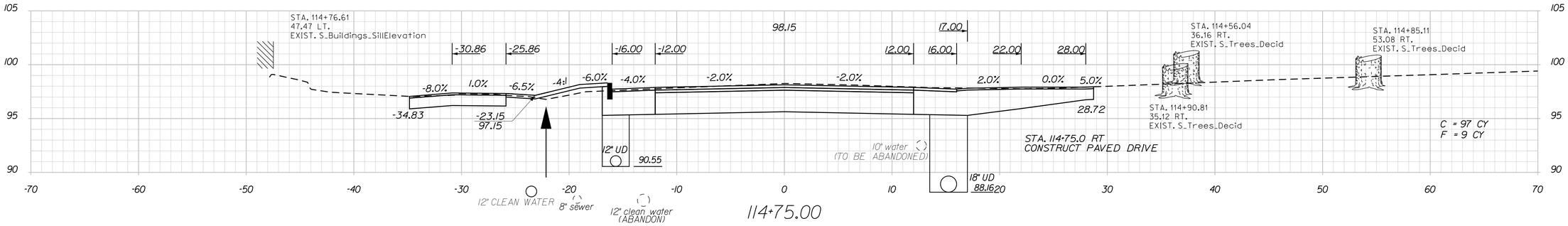
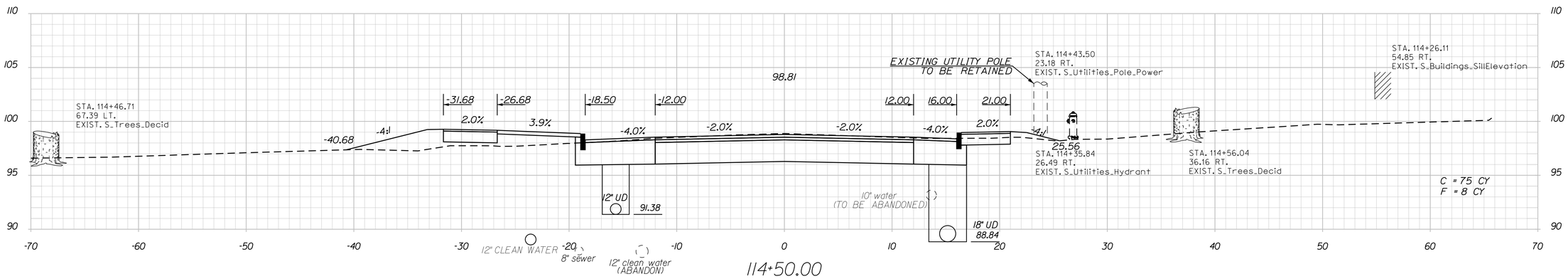
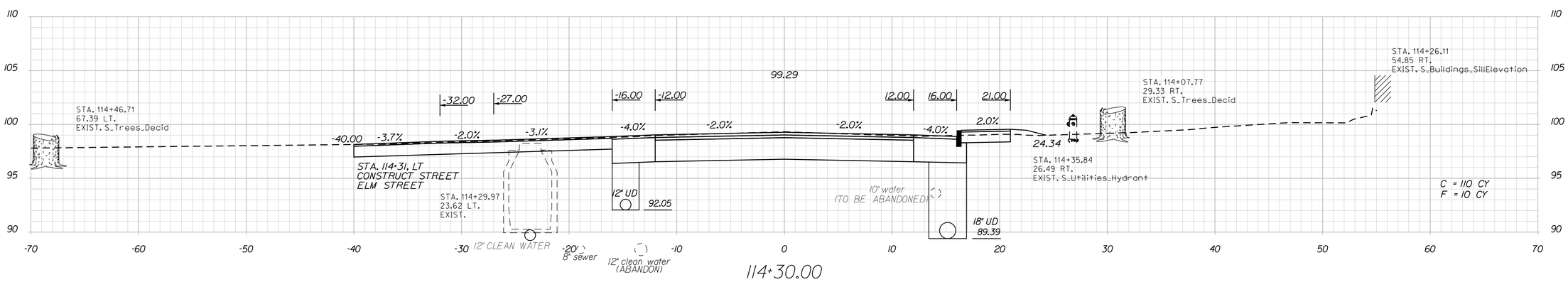
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	L.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		10\\\5
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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DATE

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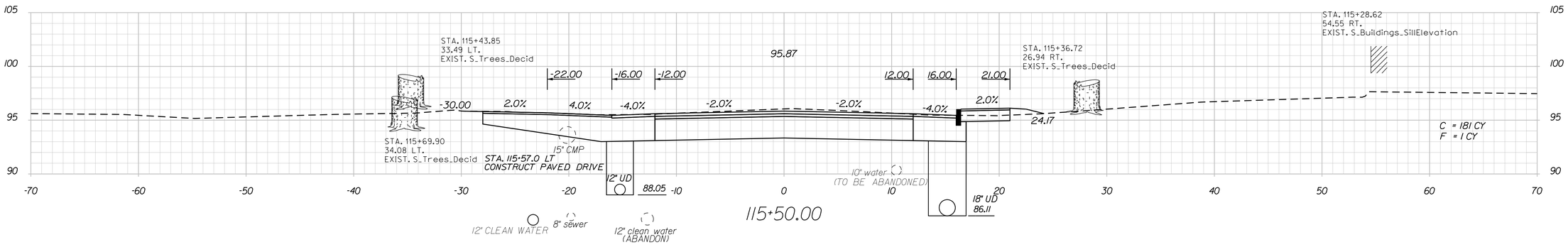
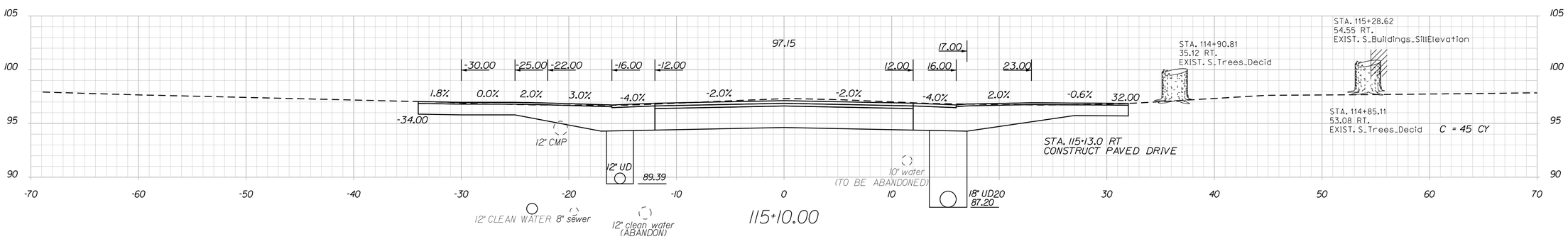
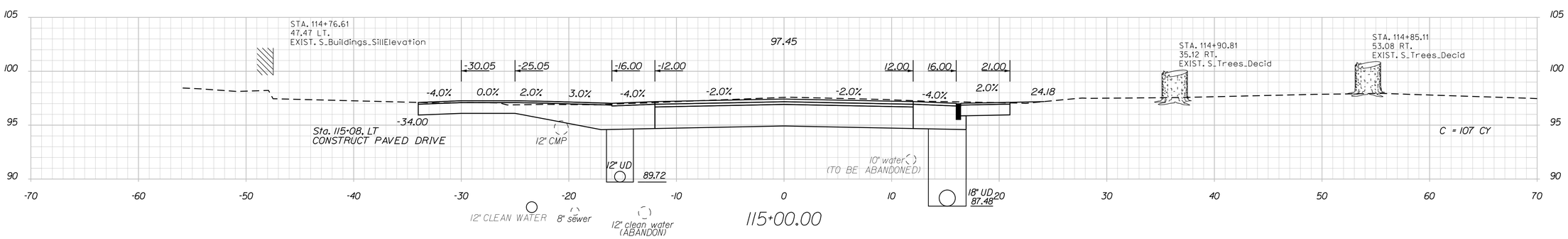
CROSS SECTIONS

SHEET NUMBER
155
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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CROSS SECTIONS

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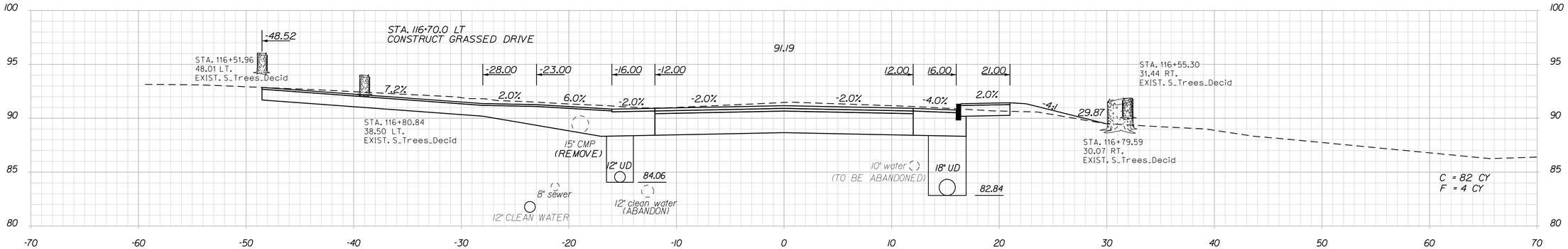
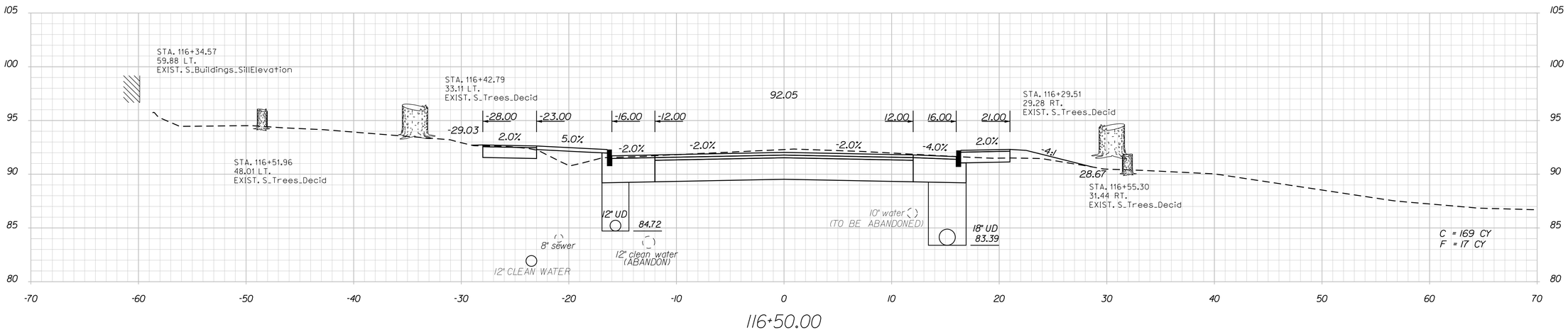
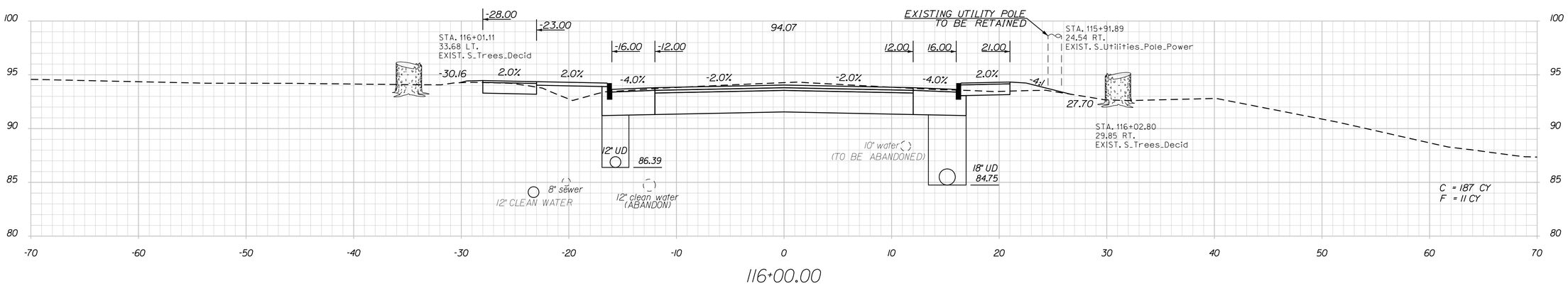
156
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







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HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
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CROSS SECTIONS

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OF 187

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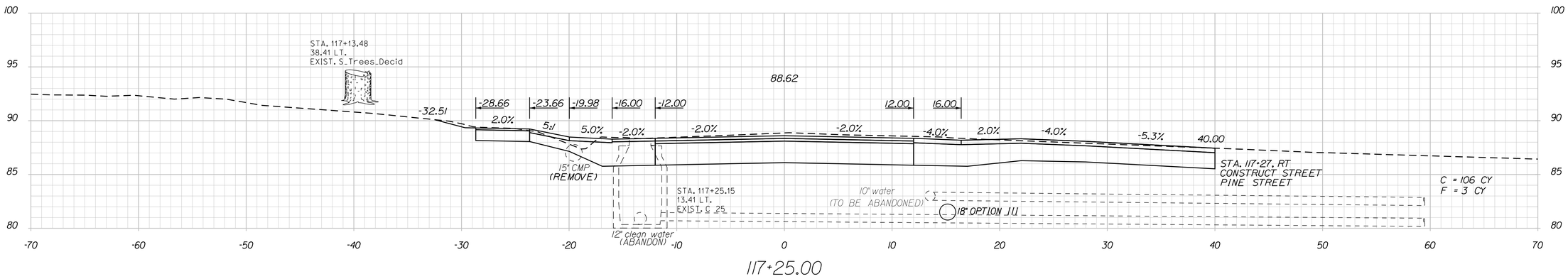

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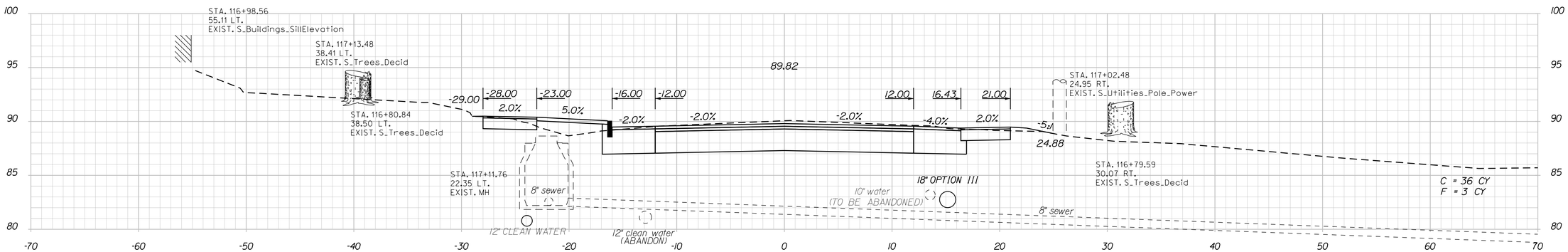

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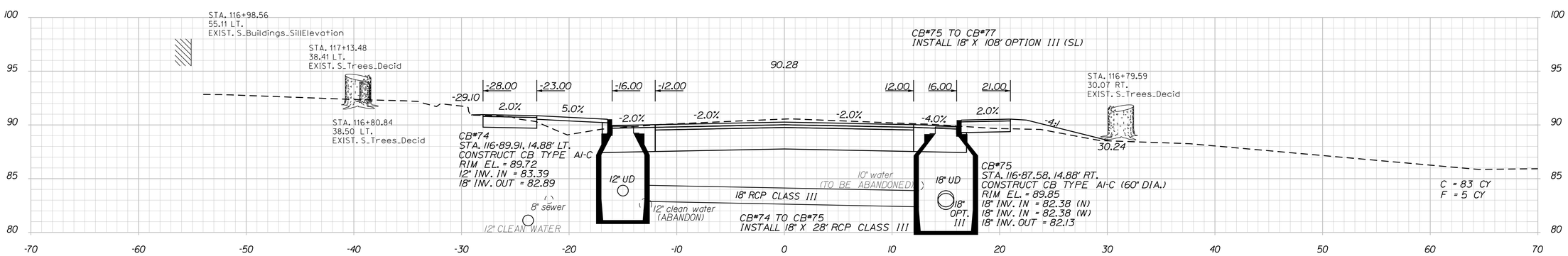

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HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	C.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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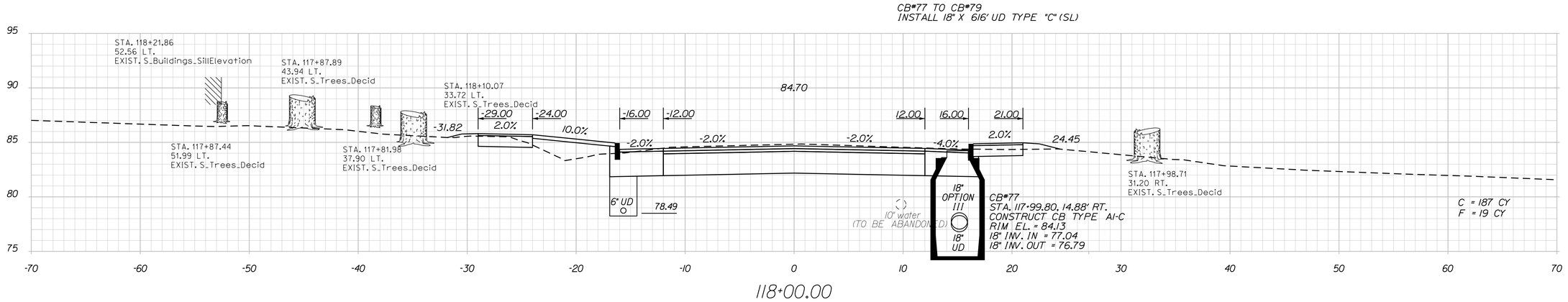
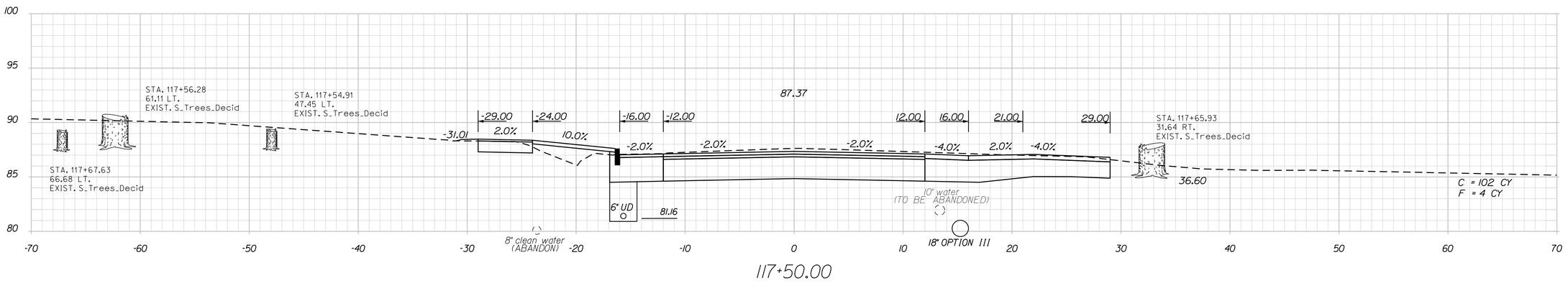
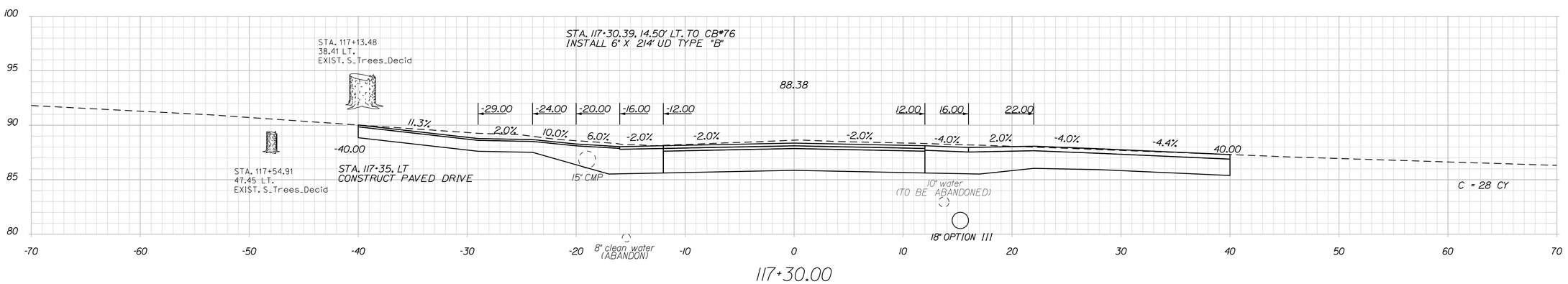
Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







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STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

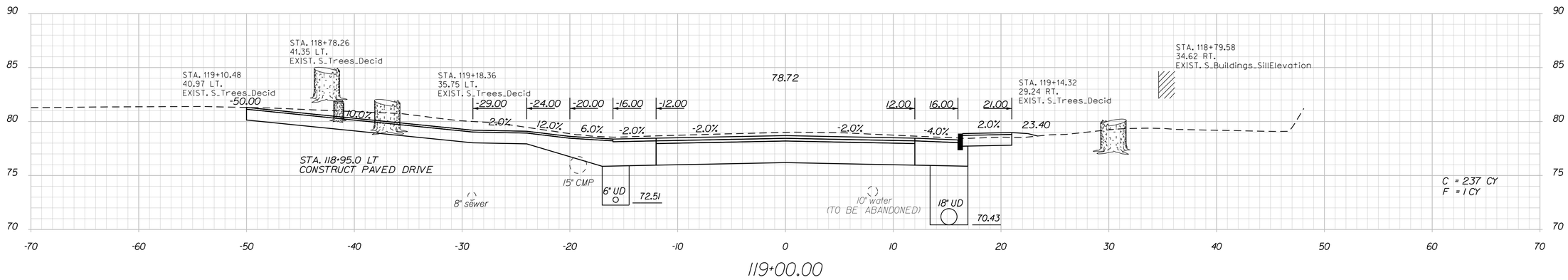
DATE

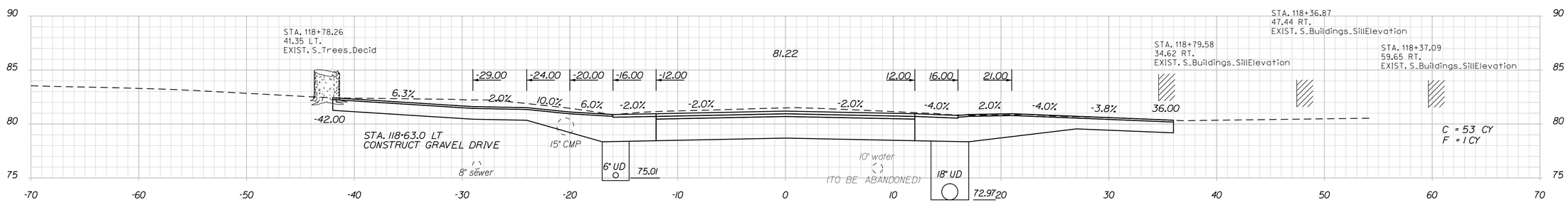
THOMASTON
U.S. ROUTE 1

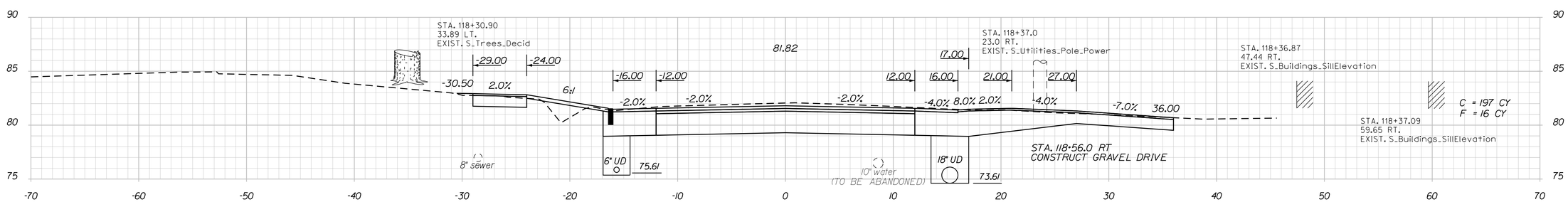
CROSS SECTIONS

SHEET NUMBER
159
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	C.SANTY	
DESIGN2-DETAILED2	J.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

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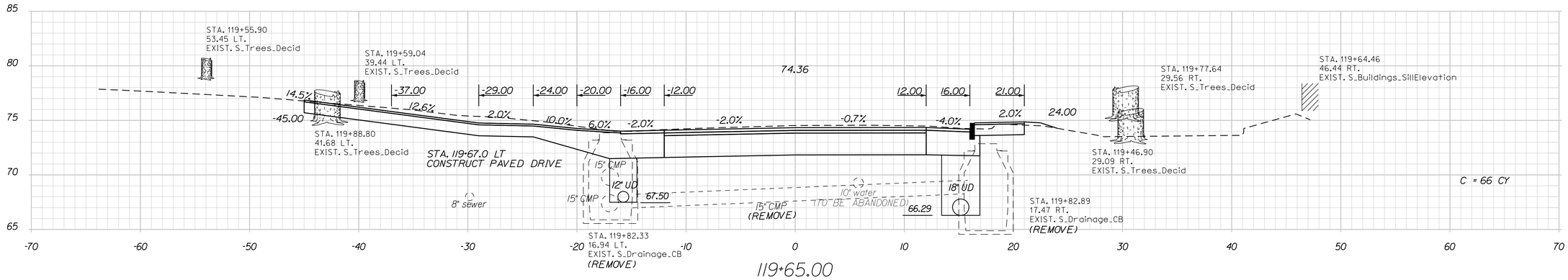
DATE

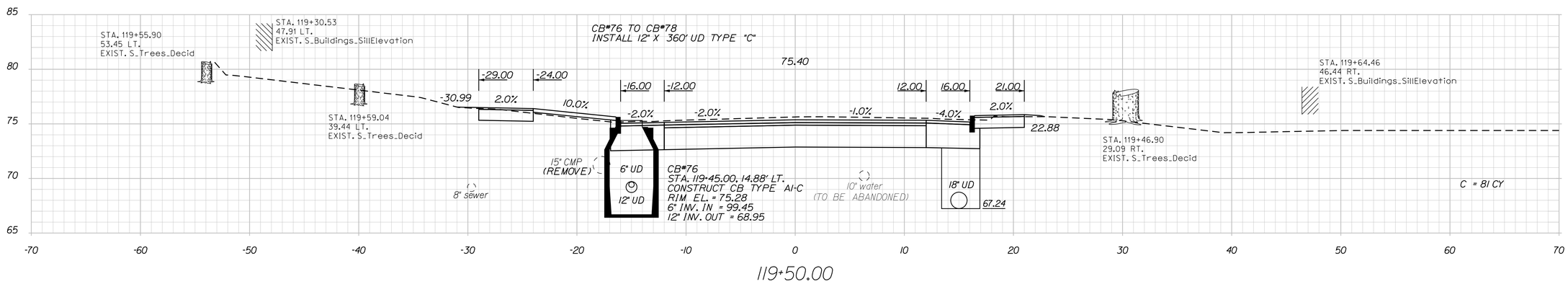
THOMASTON
U.S. ROUTE 1

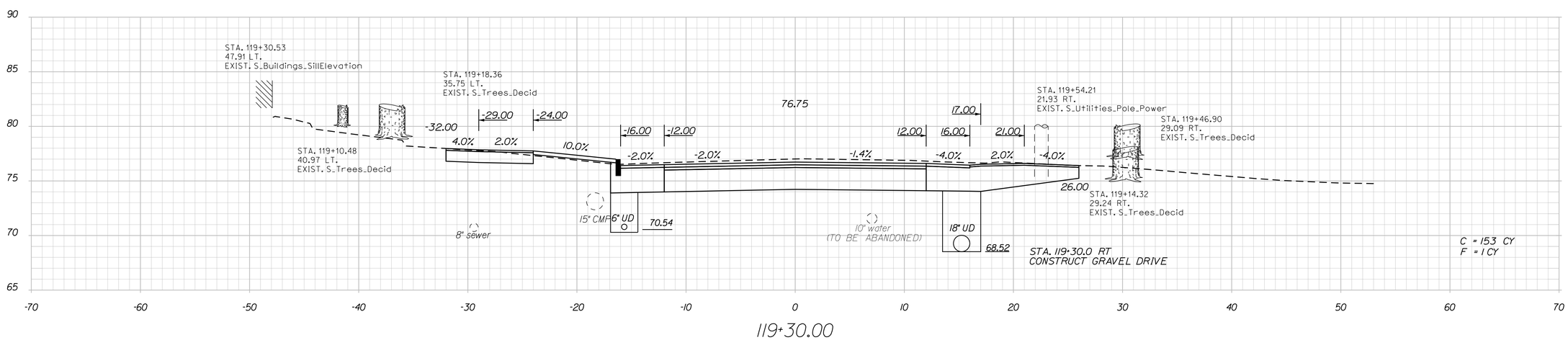
CROSS SECTIONS

SHEET NUMBER
160
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	L.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

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P.E. NUMBER

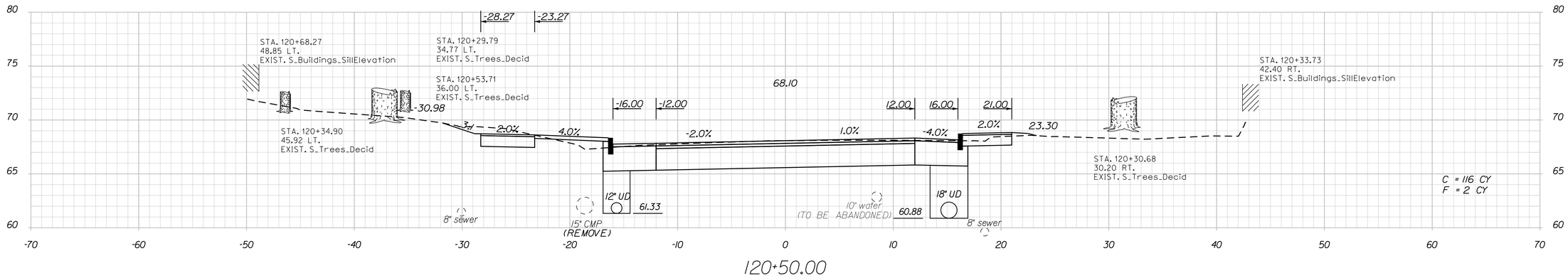
DATE

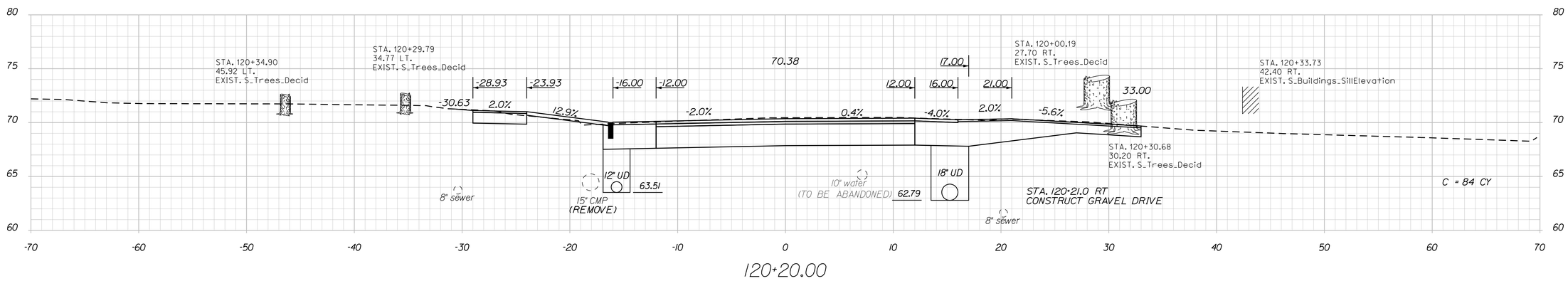
THOMASTON
U.S. ROUTE 1

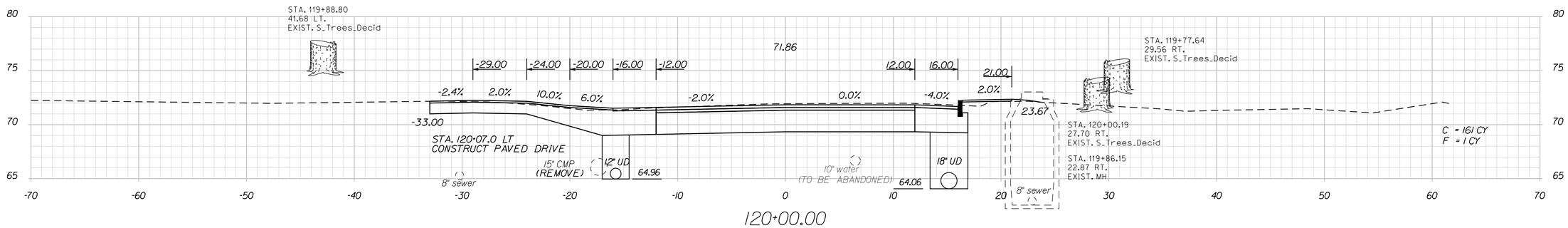
CROSS SECTIONS

SHEET NUMBER
161
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

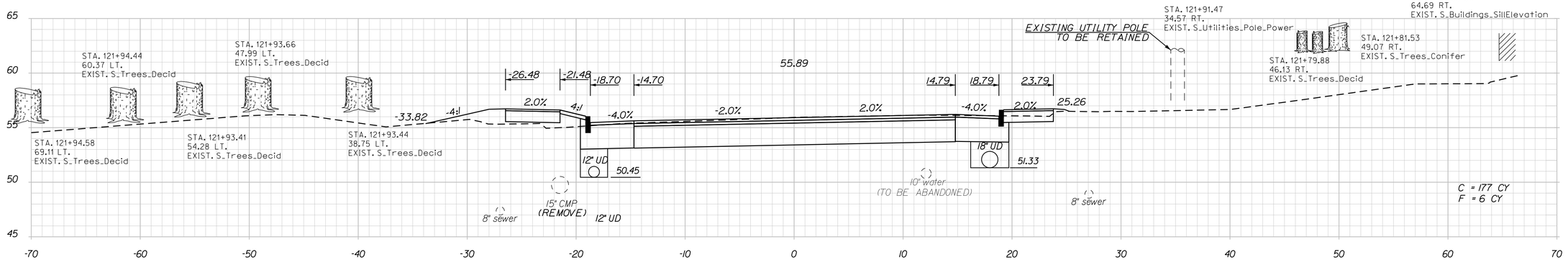
DATE

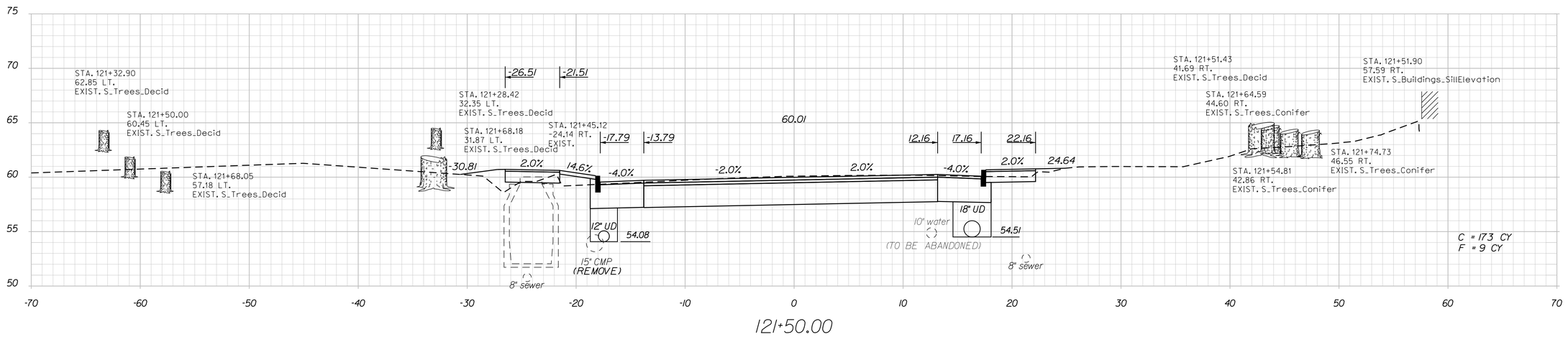
THOMASTON
U.S. ROUTE 1

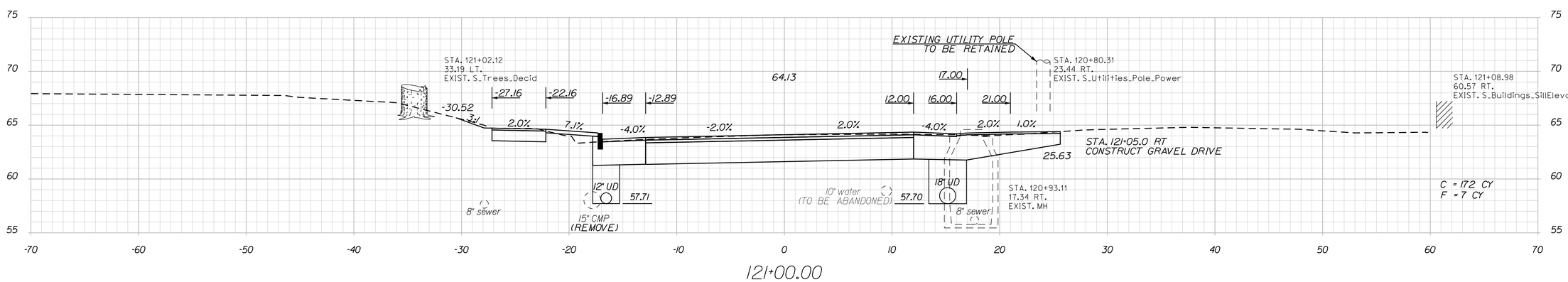
CROSS SECTIONS

SHEET NUMBER
162
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANITY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

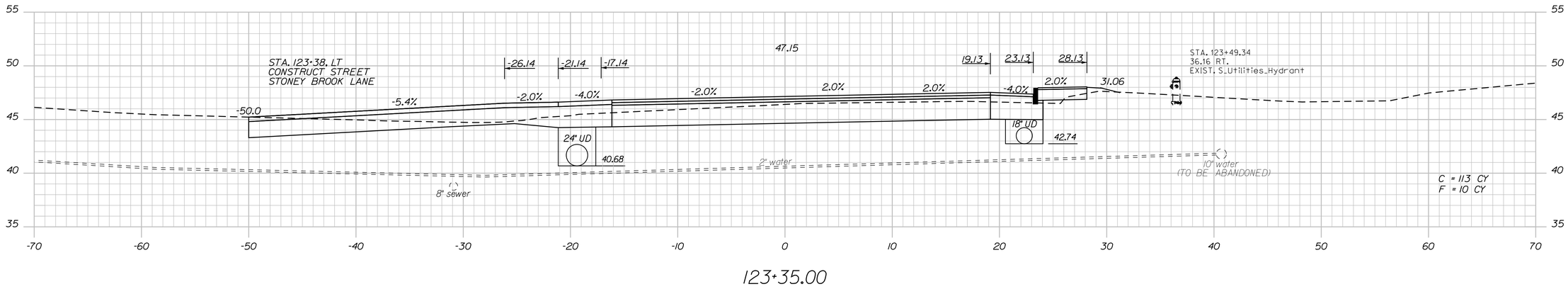
DATE

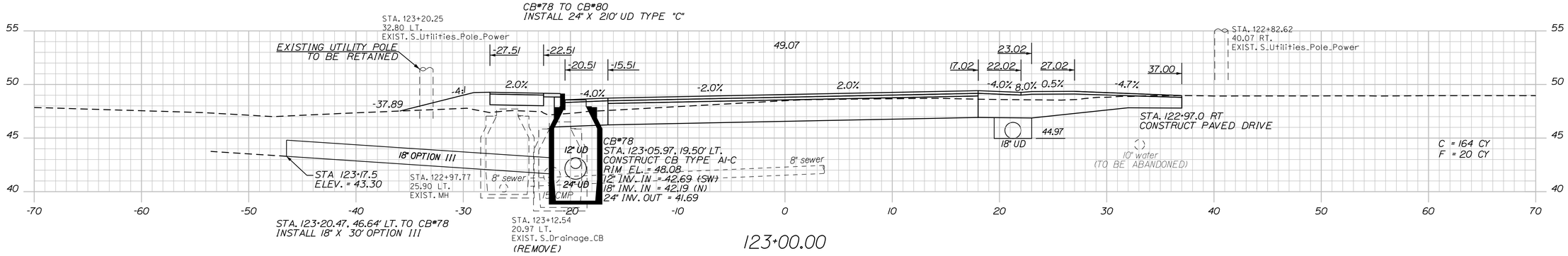
THOMASTON
U.S. ROUTE 1

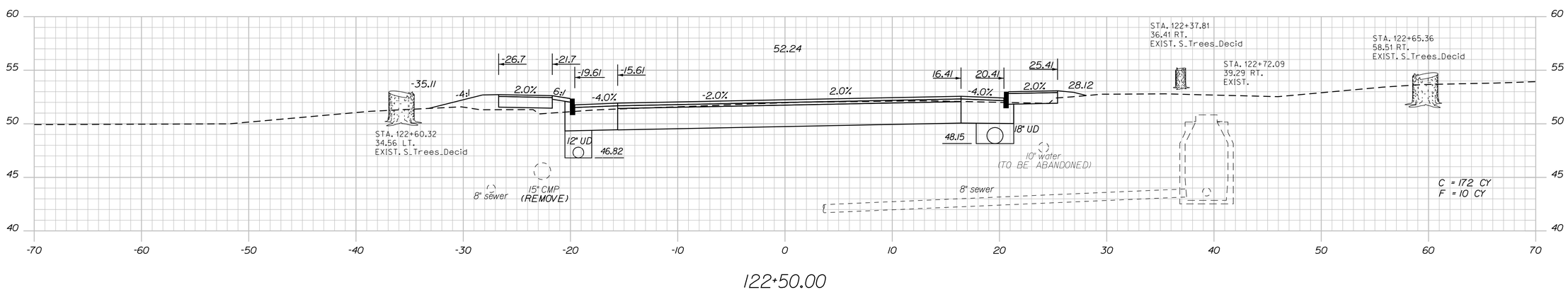
CROSS SECTIONS

SHEET NUMBER
163
OF 187

Filename: ...\00\HIGHWAY\MSTA1\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	J.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

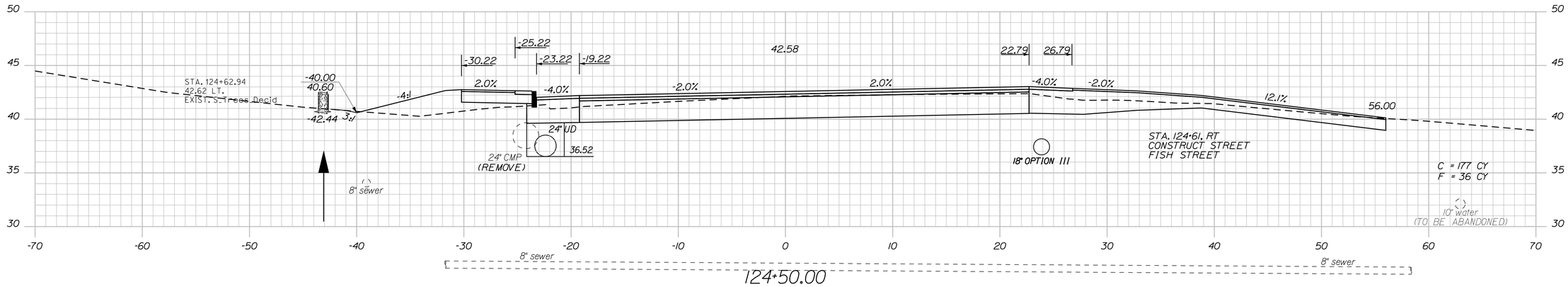
DATE

THOMASTON
U.S. ROUTE 1

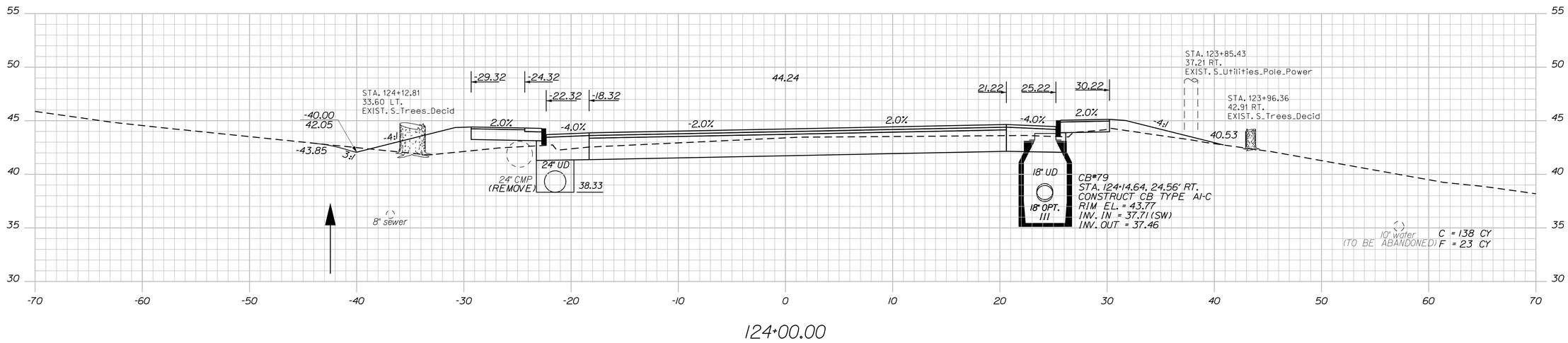
CROSS SECTIONS

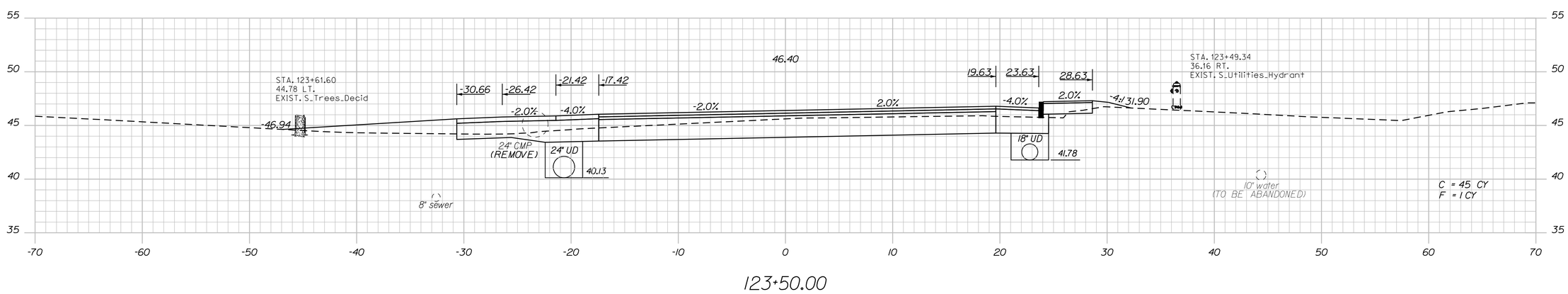
SHEET NUMBER
164
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



CB#79 TO CB#81
INSTALL 18" X 136' OPTION III (SL)





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN 17890.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	T.LUTHER	10\1\15
CHECKED-REVIEWED	G.SANTY	
DESIGN2-DETAILED2	J.MAYNARD	
DESIGN3-DETAILED3	P.ARMATA	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

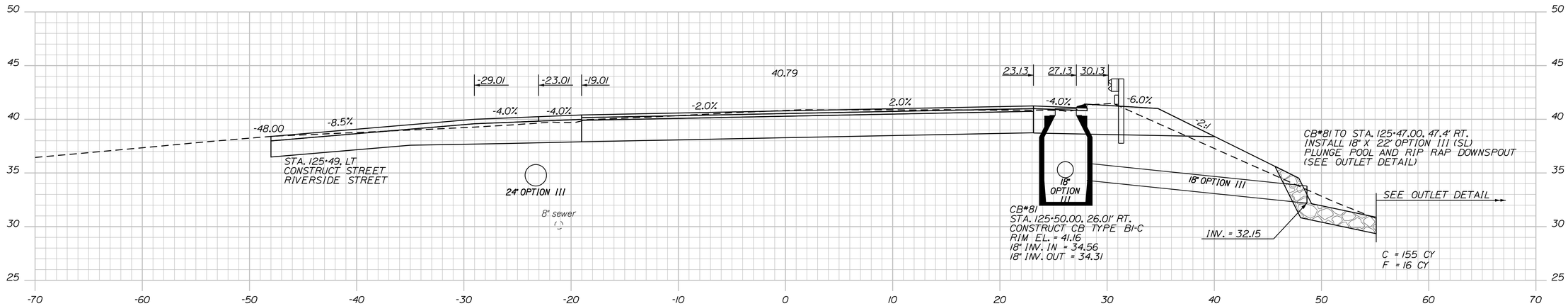
DATE

THOMASTON
U.S. ROUTE 1

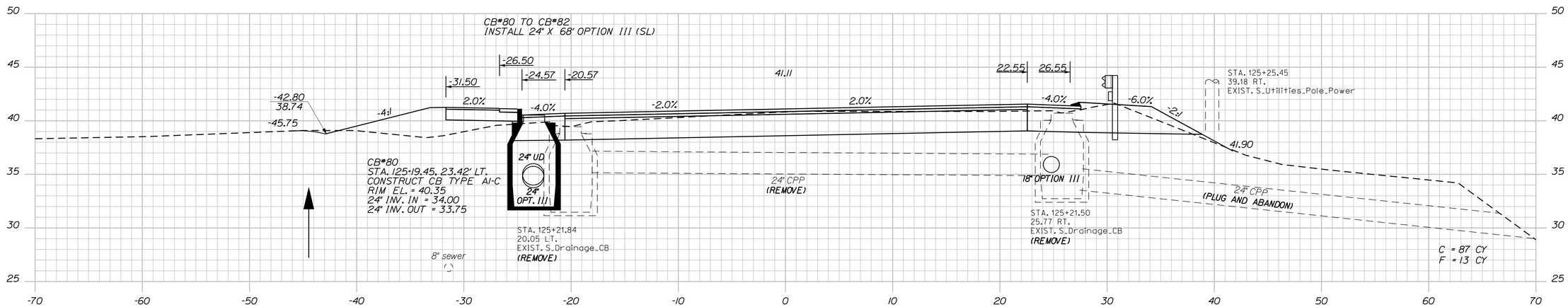
CROSS SECTIONS

SHEET NUMBER
165
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015

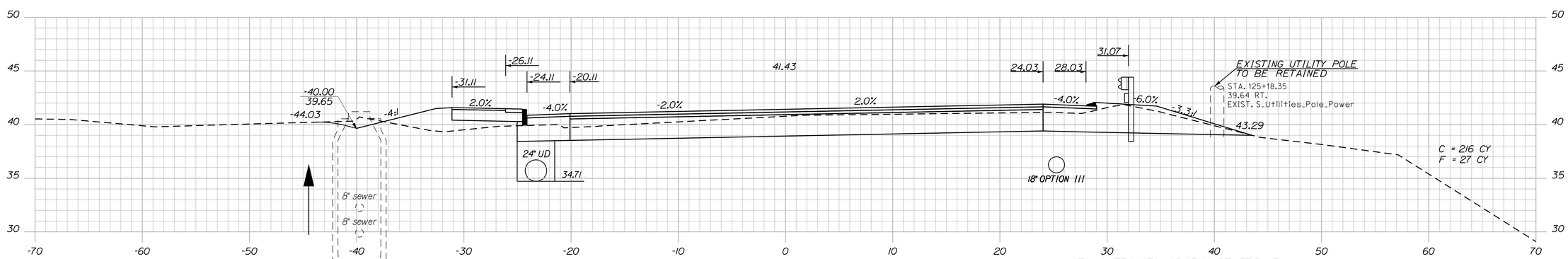


125+50.00



125+20.00

STA. 125+05.00 TO 126+25.00, RT., 137.5 LF
INSTALL GUARDRAIL TP 3 - SINGLE RAIL W RUB RAIL



125+00.00

STA. 124+75.00 TO 125+05.00, RT., 37.5 LF
INSTALL GUARDRAIL TY 3C - OVER 15' RADIUS
(WITH RUB RAIL INCIDENTAIL TO RAIL)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			10\1\15
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

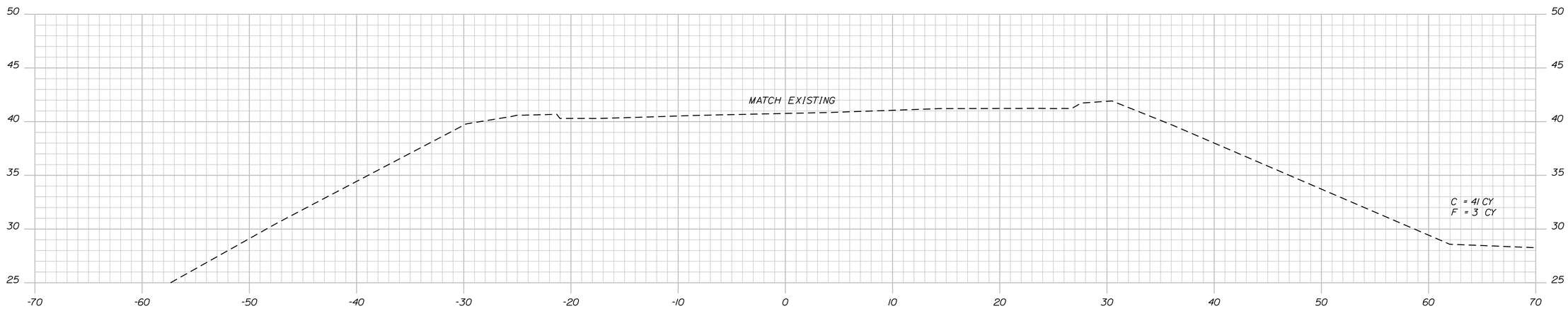
DATE

THOMASTON
U.S. ROUTE 1

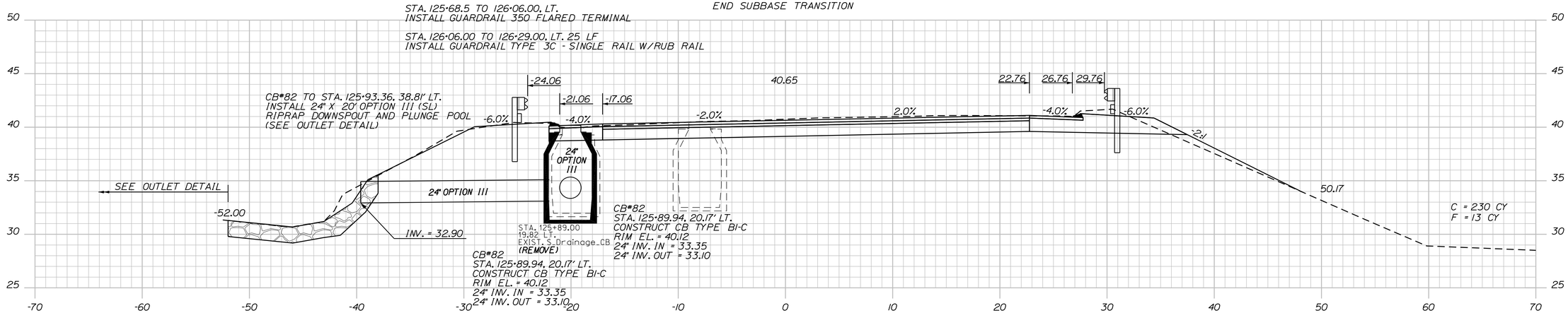
CROSS SECTIONS

SHEET NUMBER
166
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



126+25.00
STA. 126+25.00
LIMIT OF WORK
MATCH EXISTING PAVEMENT
END SUBBASE TRANSITION



126+00.00
STA. 125+75.00
END PROJECT STP-1789(000)X
END FULL DEPTH CONSTRUCTION
BEGIN SUBBASE TRANSITION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2	L.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

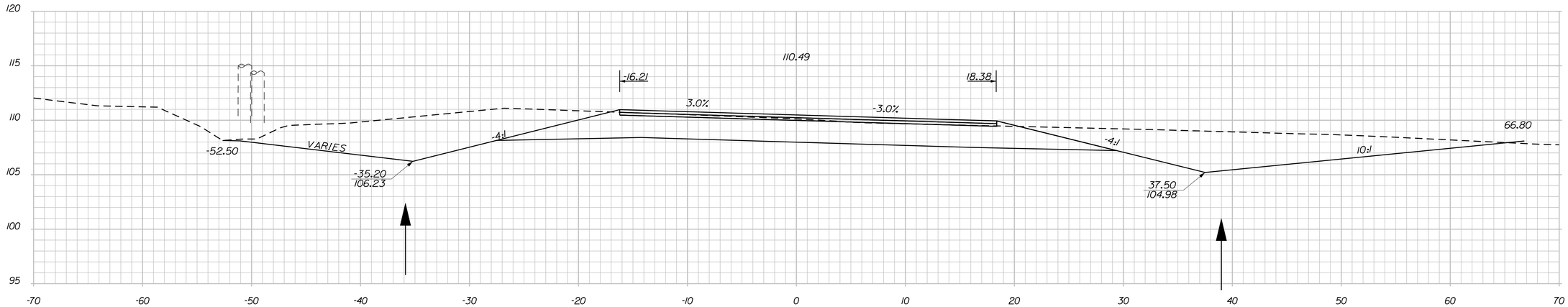
DATE

THOMASTON
U.S. ROUTE 1

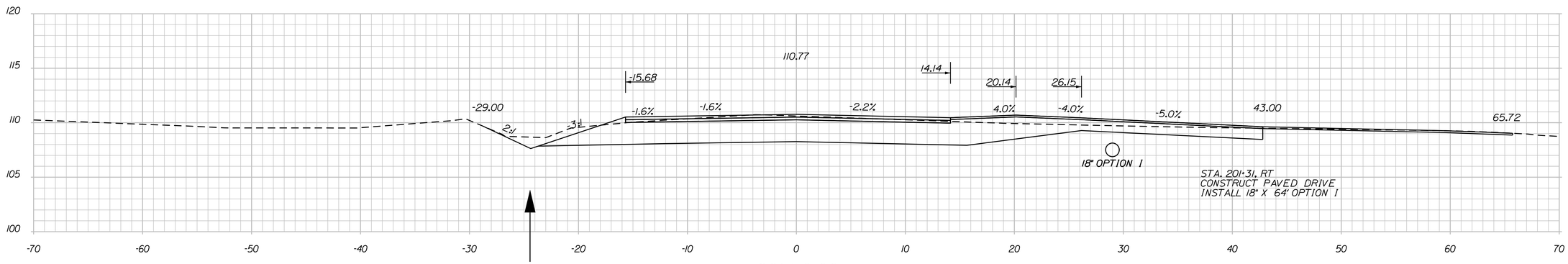
CROSS SECTIONS

SHEET NUMBER
167
OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015

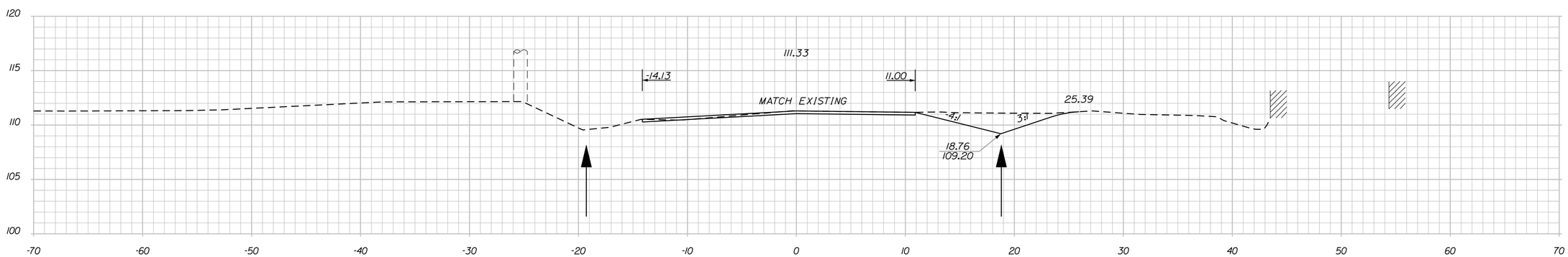


202+00.00



201+50.00

STA. 201+50.00
END SUBBASE TRANSITION
BEGIN FULL DEPTH CONSTRUCTION



201+00.00

STA. 201+00.00
LIMIT OF WORK
MATCH EXISTING PAVEMENT
BEGIN SUBBASE TRANSITION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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DATE

THOMASTON
U.S. ROUTE 1

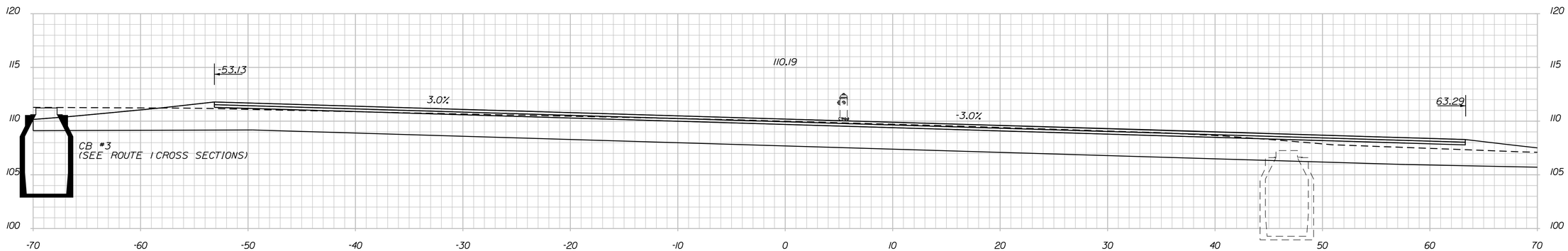
CROSS SECTIONS

SHEET NUMBER

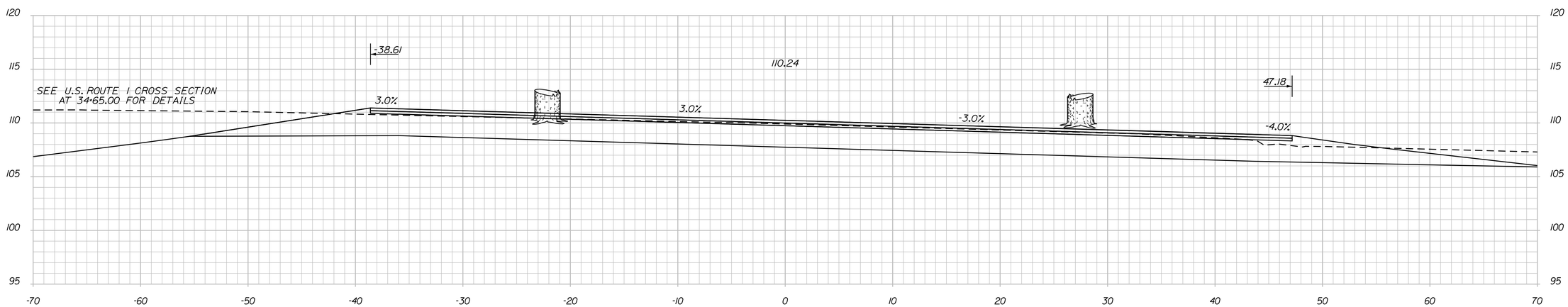
168

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



202+60.00



202+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1789(000)X

WIN
17890.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	T.LUTHER		
CHECKED-REVIEWED	G.SANTY		10\1\15
DESIGN2-DETAILED2	I.MAYNARD		
DESIGN3-DETAILED3	P.ARMATA		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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THOMASTON
U.S. ROUTE 1

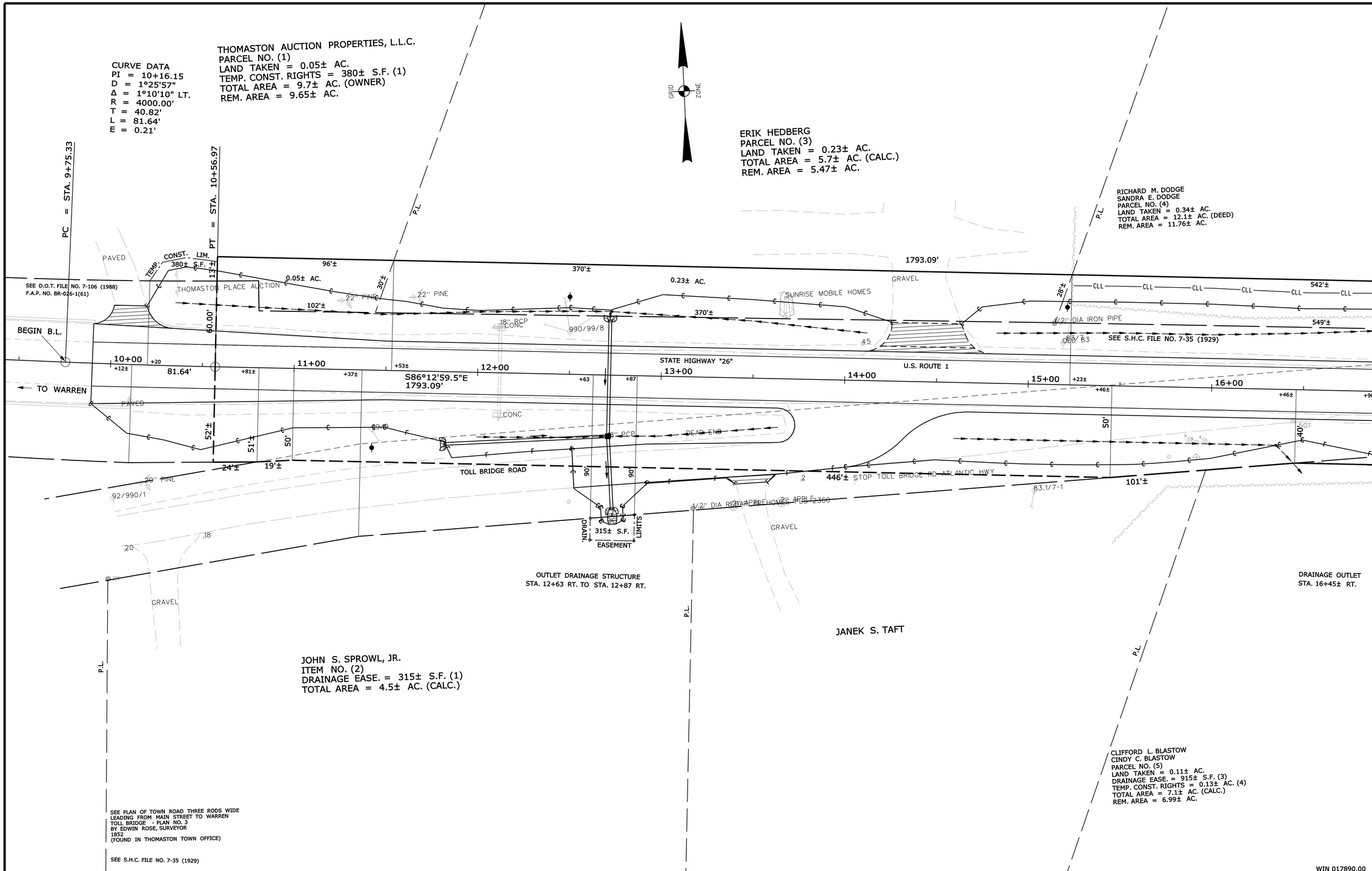
CROSS SECTIONS

SHEET NUMBER

169

OF 187

Filename: ...\00\HIGHWAY\MSTA\xsect.dgn Division: HIGHWAY Username: common Date:10/28/2015



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

SYMBOLS

- ● IP or ● P/P (IRON PIPE or PIN FOUND)
- ☐ S.T. (SEPTIC TANK)
- ▣ (ROW MONUMENT)
- &BM (TRAVERSE POINT)
- ○WELL (WELL)
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF "ARROW" RIGHT OF WAY PORTION (L.O.W.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- W WATER LINE
- G GAS LINE
- E ELECTRIC LINE
- T TELEPHONE LINE
- S SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016

THOMASTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	9/28/15	4962	127

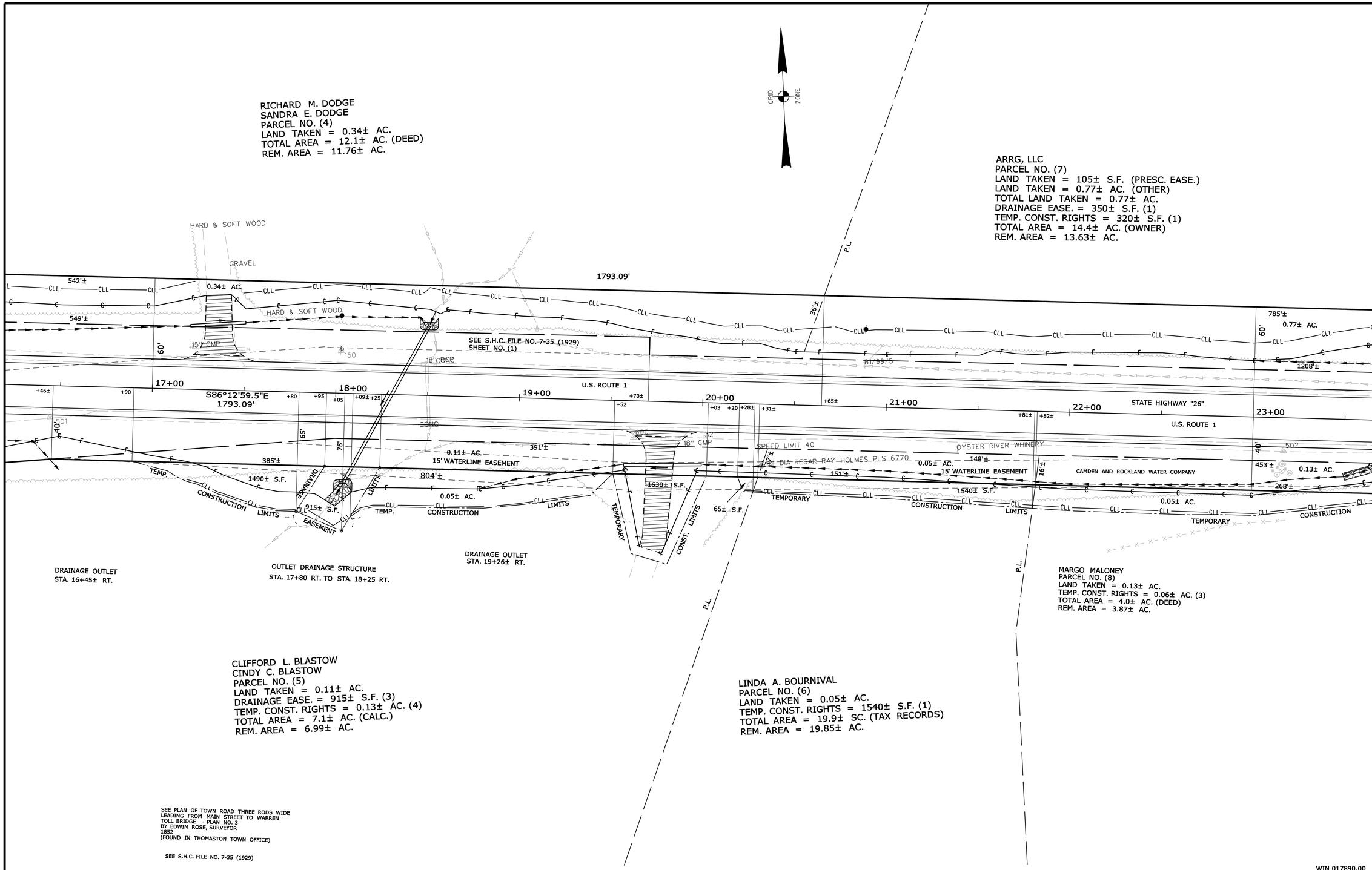
DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 1 OF 18

SHEET NUMBER
170
OF 187

Filename: ...\00\row\msta\001_RWPLAN1.dgn Division: ROW Username: Don.Burns Date:10/26/2015



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SYMBOLS

- ● IP or ● P/P (IRON PIPE or PIN FOUND)
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- ⚓BM (TRAVERSE POINT)
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- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF "ARRG" RIGHT-OF-WAY PORTION (L.O.W.P.)
- NEW RIGHT OF WAY
- EXISTING 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	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK			PAGE	COUNTY RECORD			
NO.	GRANTOR		INSTRUMENT	DATE	BOOK	PAGE
			COND.	9/28/15	4962	127

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

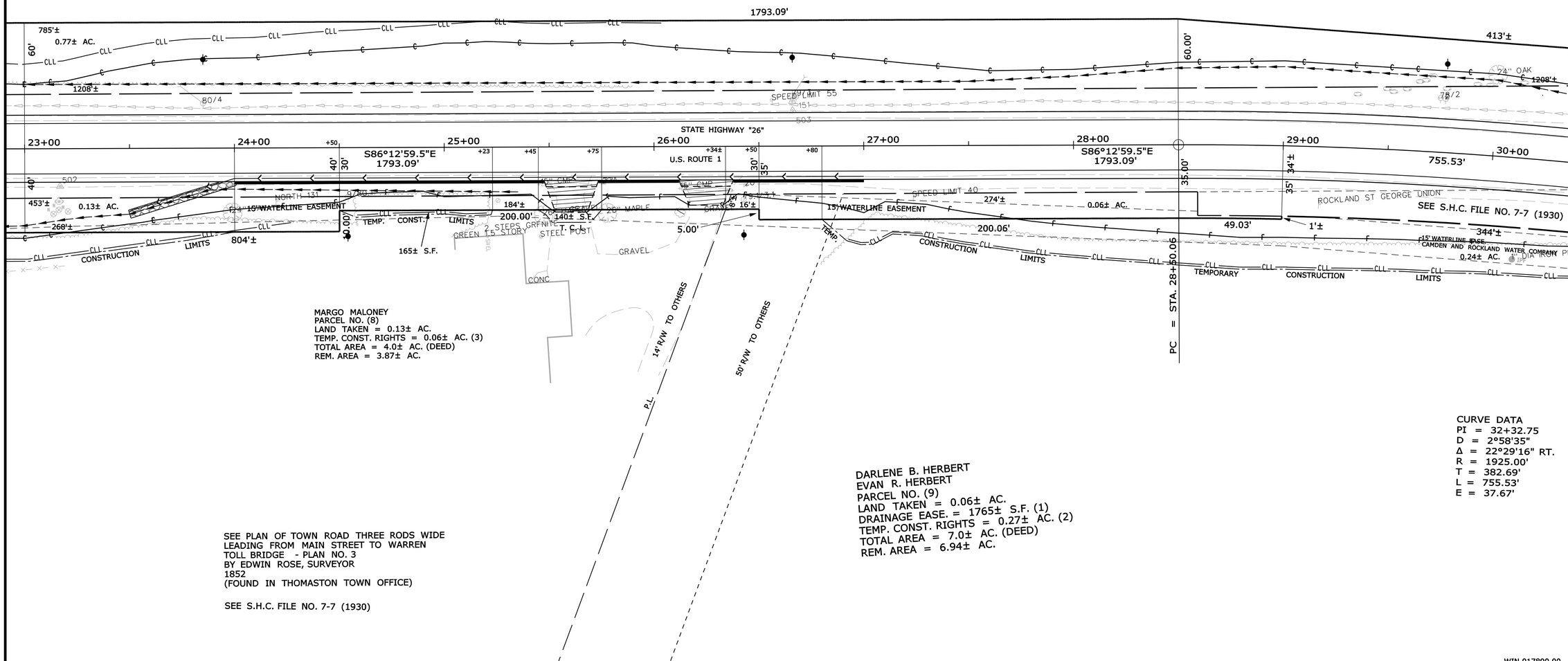
STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 7-160
SCALE 1" = 25'	SHEET 2 OF 18	

SHEET NUMBER
171
OF 187

Filename: ...\00\row\msta\002_RWPLAN2.dgn Division: ROW Username: Don.Burns Date:10/26/2015

ARRG, LLC
PARCEL NO. (7)
LAND TAKEN = 105± S.F. (PRESC. EASE.)
LAND TAKEN = 0.77± AC. (OTHER)
TOTAL LAND TAKEN = 0.77± AC.
DRAINAGE EASE. = 350± S.F. (1)
TEMP. CONST. RIGHTS = 320± S.F. (1)
TOTAL AREA = 14.4± AC. (OWNER)
REM. AREA = 13.63± AC.



MARGO MALONEY
PARCEL NO. (8)
LAND TAKEN = 0.13± AC.
TEMP. CONST. RIGHTS = 0.06± AC. (3)
TOTAL AREA = 4.0± AC. (DEED)
REM. AREA = 3.87± AC.

DARLENE B. HERBERT
EVAN R. HERBERT
PARCEL NO. (9)
LAND TAKEN = 0.06± AC.
DRAINAGE EASE. = 1765± S.F. (1)
TEMP. CONST. RIGHTS = 0.27± AC. (2)
TOTAL AREA = 7.0± AC. (DEED)
REM. AREA = 6.94± AC.

CURVE DATA
PI = 32+32.75
D = 2°58'35"
Δ = 22°29'16" RT.
R = 1925.00'
T = 382.69'
L = 755.53'
E = 37.67'

SEE PLAN OF TOWN ROAD THREE RODS WIDE
LEADING FROM MAIN STREET TO WARREN
TOLL BRIDGE - PLAN NO. 3
BY EDWIN ROSE, SURVEYOR
1852
(FOUND IN THOMASTON TOWN OFFICE)

SEE S.H.C. FILE NO. 7-7 (1930)

WIN 017890.00

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

SYMBOLS
- IP or ● IPF (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WELL
- GROUNDING UNIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF RIGHT OF WAY 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	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD					
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	9/28/15	4962	127

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

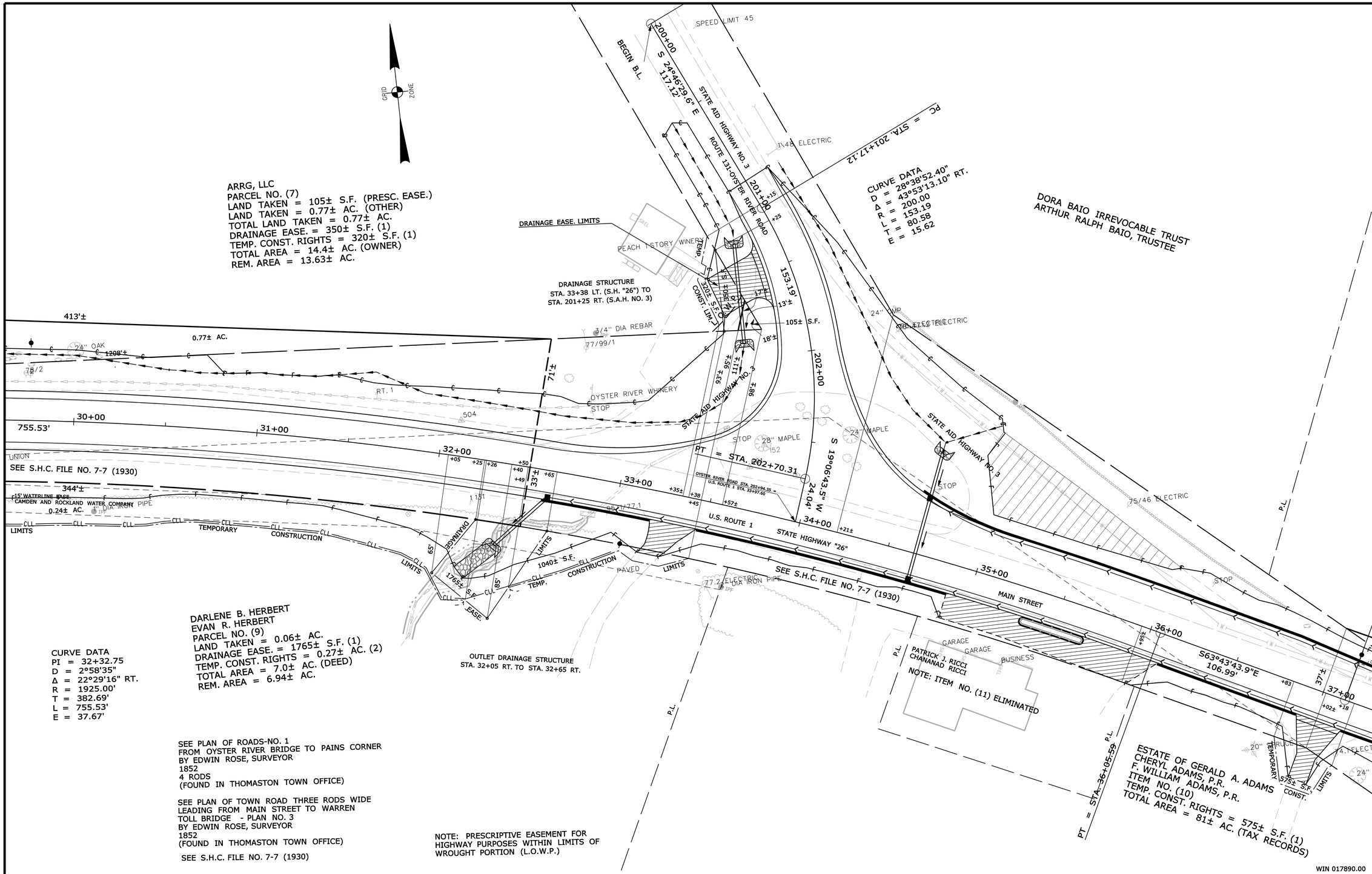
STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 3 OF 18

SHEET NUMBER
172
OF 187

Filename: ...\00\row\mnsta\003_RWPLAN3.dgn Division: ROW Username: Don.Burns Date:10/26/2015

Filename: ...\00\row\msta\004_RWPLAN4.dgn Division: ROW Username: Don.Burns Date:10/26/2015



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SYMBOLS

- IP or PIPF (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- WELL
- GROUNDING LIGHT LINE
- CONS. PROPERTY LIMIT LINE
- LIMITS OF "ARRG" RIGHT TO 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	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS

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JOYCE NOEL TAYLOR
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STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 7-160
SCALE 1" = 25'	SHEET 4 OF 18	

SHEET NUMBER
173
OF 187

Filename: ...\00\row\msto\005_RWPLAN5.dgn Division: ROW Username: Don.Burns Date:10/26/2015

KIRSTEN L. CRONIN
WAYNE S. CRONIN
PARCEL NO. (12)
LAND TAKEN = 335± S.F. (PRESC. EASE.)
LAND TAKEN = 950± S.F. (OTHER)
TOTAL LAND TAKEN = 1285± S.F.
TOTAL AREA = 0.94± AC. (OWNER)
REM. AREA = 0.91± AC.

CURVE DATA
PI = 44+96.45
D = 3°43'14"
Δ = 53°57'10" LT.
R = 1540.00'
T = 783.87'
L = 1450.14'
E = 188.02'

HERBERT T. JONES
JILL A. JONES

LAURIE A. RULE
PHILIP T. RULE

CHRISTOPHER R. MILLS
PAULA M. MILLS
ITEM NO. (15)
TEMP. CONST. RIGHTS = 975± S.F. (2)
TOTAL AREA = 1.4± AC. (CALC.)

CLYSON L. PETERS
DYANN J. PETERS
PARCEL NO. (16)
LAND TAKEN = 320± S.F. (PRESC. EASE.)
TEMP. CONST. RIGHTS = 965± S.F. (2)
TOTAL AREA = 0.64± AC. (CALC.)
REM. AREA = 0.63± AC.

PC = STA. 37+12.58
PT = STA. 36+05.59

STATE HIGHWAY "26"
U.S. ROUTE 1
MAIN STREET
S63°43'43.9"E
106.99'
1450.14'
H. C. W. P.
SEE S.H.C. FILE NO. 7-7 (1930)
950± S.F.
335± S.F.
510± S.F.
575± S.F.
835± S.F.
975± S.F.
955± S.F.
TEMPORARY CONSTRUCTION LIMITS
TEMP. CONST. LIM.
OYSTER RIVER WINERY
RIDGEVIEW DRIVE
RIDGEVIEW DR. MAIN ST.
NO PARKING
WALDOBORO
NORTH (SOUTH)
ESTATE OF GERALD A. ADAMS
CHERYL ADAMS, P.R.
F. WILLIAM ADAMS, P.R.
ITEM NO. (10)
TEMP. CONST. RIGHTS = 575± S.F. (1)
TOTAL AREA = 81± AC. (TAX RECORDS)

LELAND E. BOGGS, II
VALERIE R. BOGGS
ITEM NO. (13)
TEMP. CONST. RIGHTS = 510± S.F. (1)
TOTAL AREA = 0.42± AC. (CALC.)

JASON R. YATES
ITEM NO. (14)
TEMP. CONST. RIGHTS = 835± S.F. (1)
TOTAL AREA = 0.73± AC. (CALC.)

JASON K. BUCK
AMIE L. HUTCHISON

HAROLD H. HARRINGTON
MARILYN HARRINGTON

SEE PLAN OF ROADS-NO. 1
FROM OYSTER RIVER BRIDGE TO PAINS CORNER
BY EDWIN ROSE, SURVEYOR
1852
4 RODS
(FOUND IN THOMASTON TOWN OFFICE)
SEE S.H.C. FILE NO. 7-7 (1930)

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

SEE RIDGE VIEW DRIVE SUBDIVISION
FOR H & P BUILDERS INC.
BY ISLAND MARINE COMPANY
SEPTEMBER 1974
KNOX COUNTY REGISTRY OF DEEDS
CAB. 1, SHEET 108

WIN 017890.00

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SYMBOLS
- IP or IPF (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- &BM (TRAVERSE POINT)
- WELL
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION (L.O.W.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	D.W.B.
AREAS	D.W.B.	P.N.S.

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

REVISIONS

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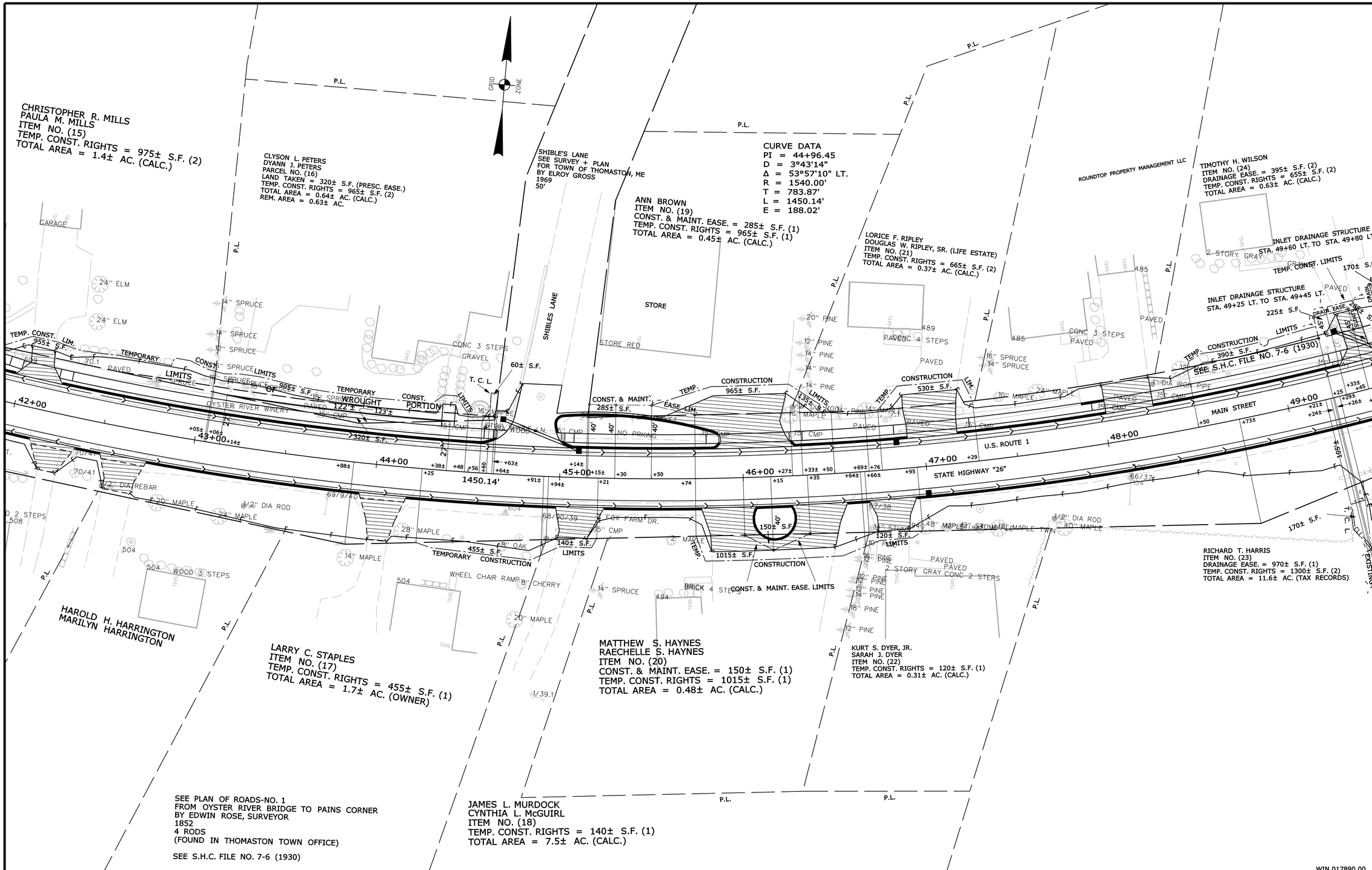
DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 5 OF 18

SHEET NUMBER
174
OF 187



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SYMBOLS

- (WELL) WELL
- GROUNDING UNIT LINE
- CONS. PROPERTY LIMIT LINE
- PL LIMITS OF PROPERTY RIGHT TO PORTION (L.O.T.W.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS

- IP or ● P/P (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

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STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 6 OF 18

SHEET NUMBER
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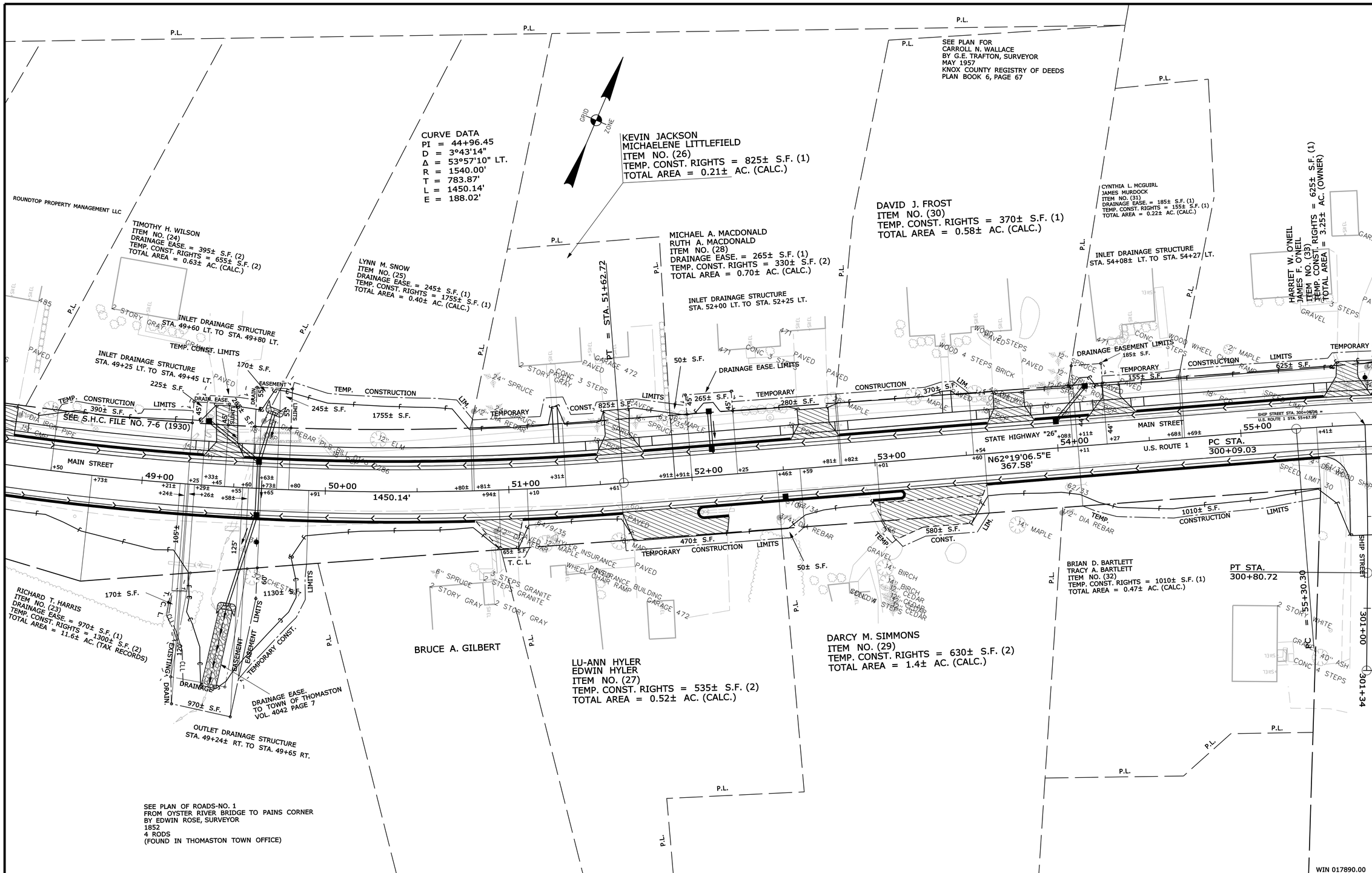
OF 187

Filename: ...\00\row\msta\006_RWPLAN6.dgn Division: ROW Username: Don.Burns Date:10/26/2015

Filename: ...\00\row\msta\007_RWPLAN7.dgn Division: ROW Username: Don.Burns Date:10/26/2015



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SYMBOLS

- WELL
- GROUNDING UNIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE - P.L.
- LIMITS OF RIGHT OF WAY PORTION (L.O.W.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- IP or ⊕ IP/P (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- &BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

STATE OF MAINE
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THOMASTON
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STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 7 OF 18

SHEET NUMBER
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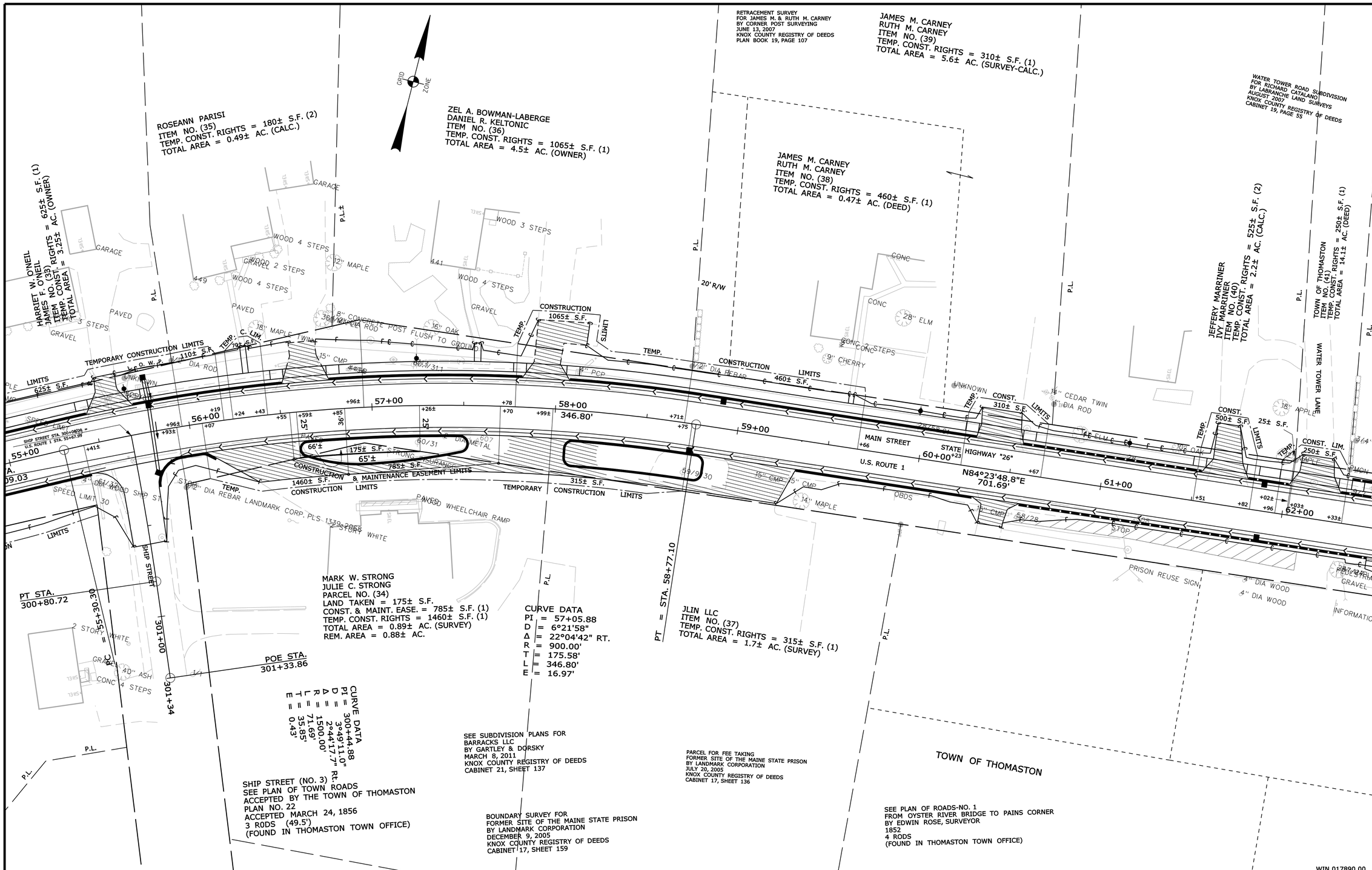

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SYMBOLS

- ● IP or ● IPF (IRON PIPE or PIN FOUND)
- ☐ S.T. (SEPTIC TANK)
- ▣ (ROW MONUMENT)
- &BM (TRAVERSE POINT)
- ○ WELL (WELL)
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE - PL -
- LIMITS OF "ROW" RIGHT OF 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	D.W.B.	D.W.B.
PROP. LINES	D.W.B.	D.W.B.
AREAS	D.W.B.	P.N.S.

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

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STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 8 OF 18

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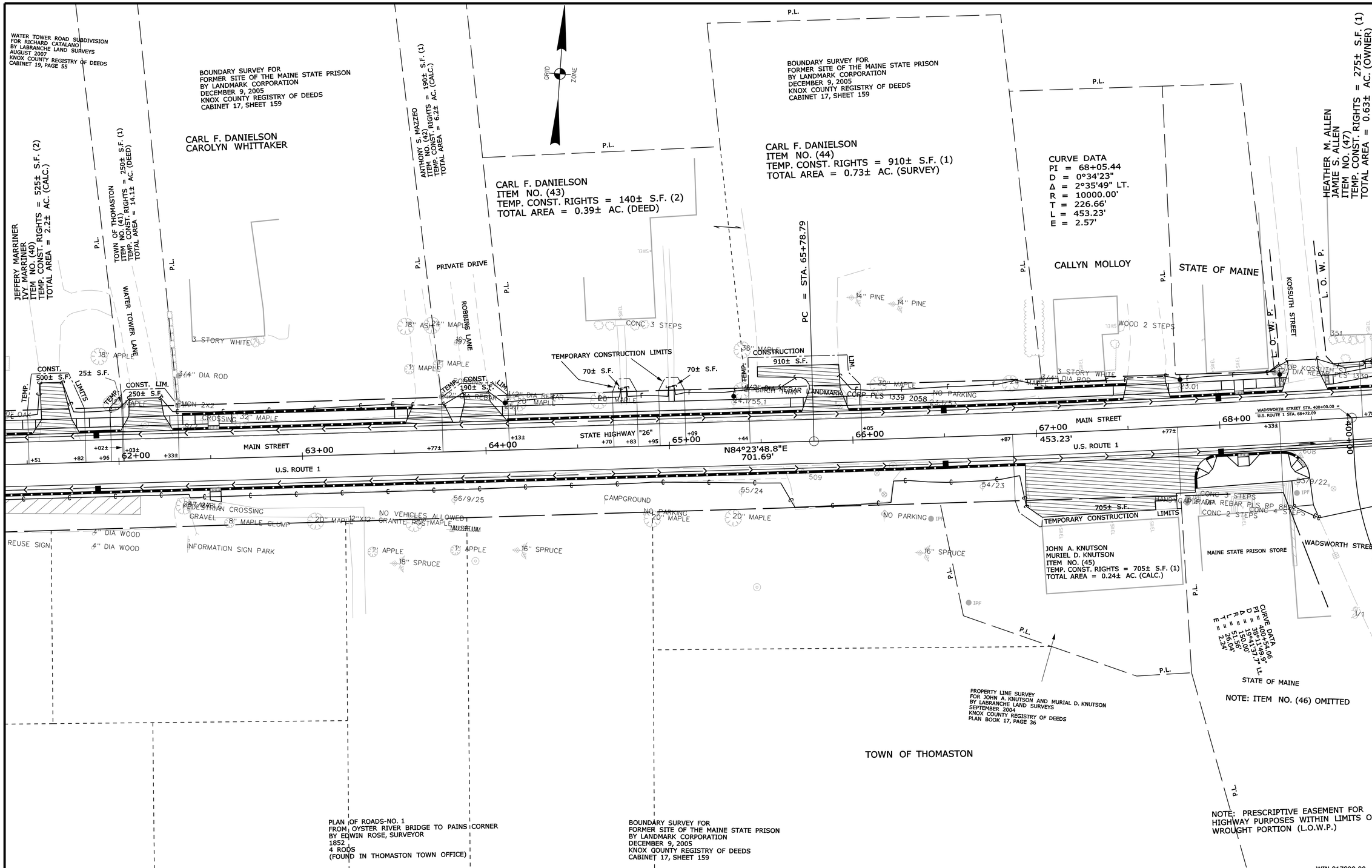

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SYMBOLS

- ● IP or ● IPF (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- ⊗DM (TRAVERSE POINT)
- WELL
- GROUNDING UNIT LINE
- CONTROLLED ACCESS 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
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ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

STATE OF MAINE
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16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016

THOMASTON
RIGHT OF WAY MAP

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STATE HIGHWAY "26"
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THOMASTON KNOX COUNTY
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SCALE 1" = 25'	SHEET 9 OF 18	

SHEET NUMBER
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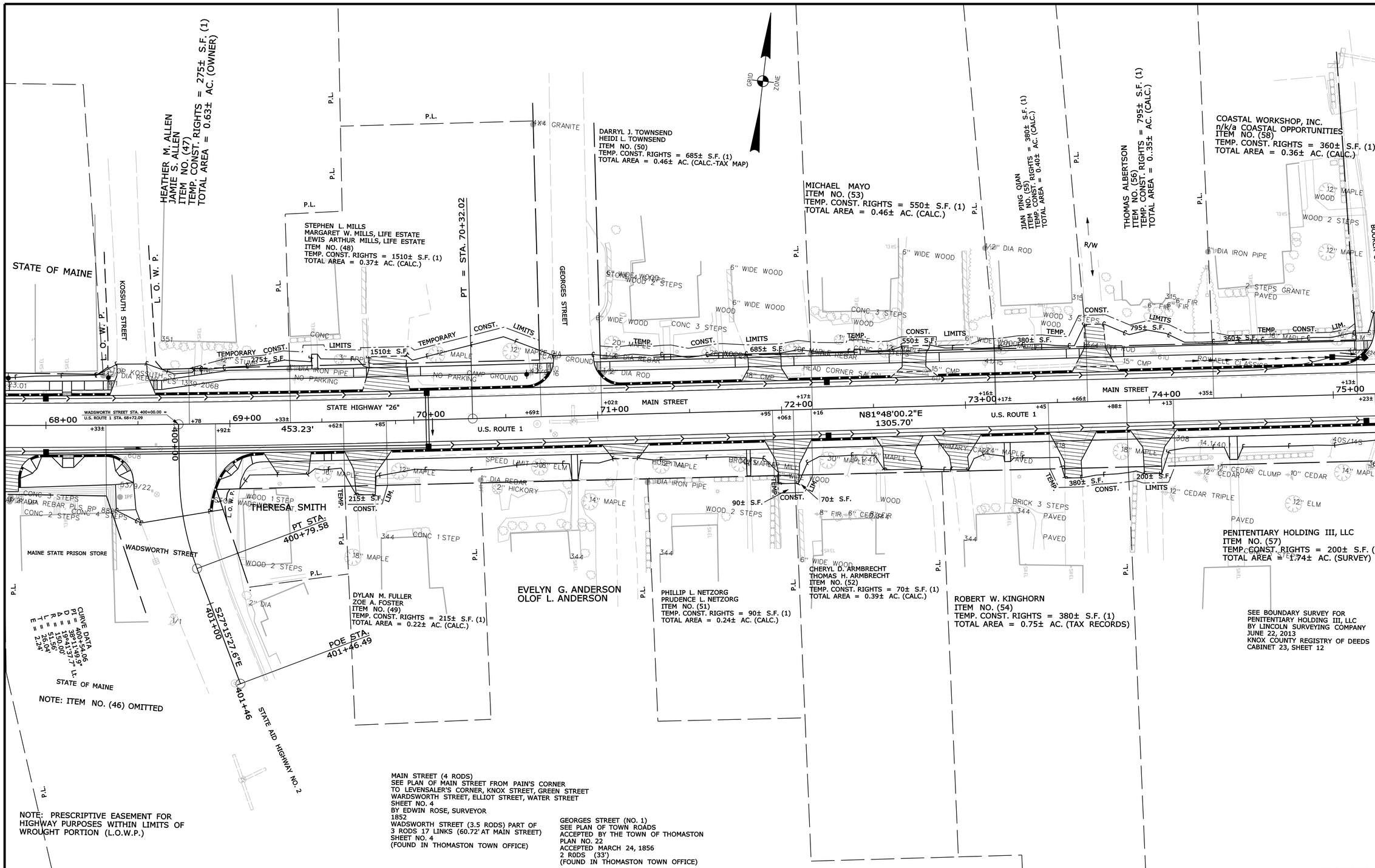

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SYMBOLS

- (WELL) WELL
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT 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
- IP or ⊕ IPF (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016

THOMASTON
RIGHT OF WAY MAP

REVISIONS

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DAVID BERNHARDT
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JOYCE NOEL TAYLOR
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DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 10 OF 18

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179
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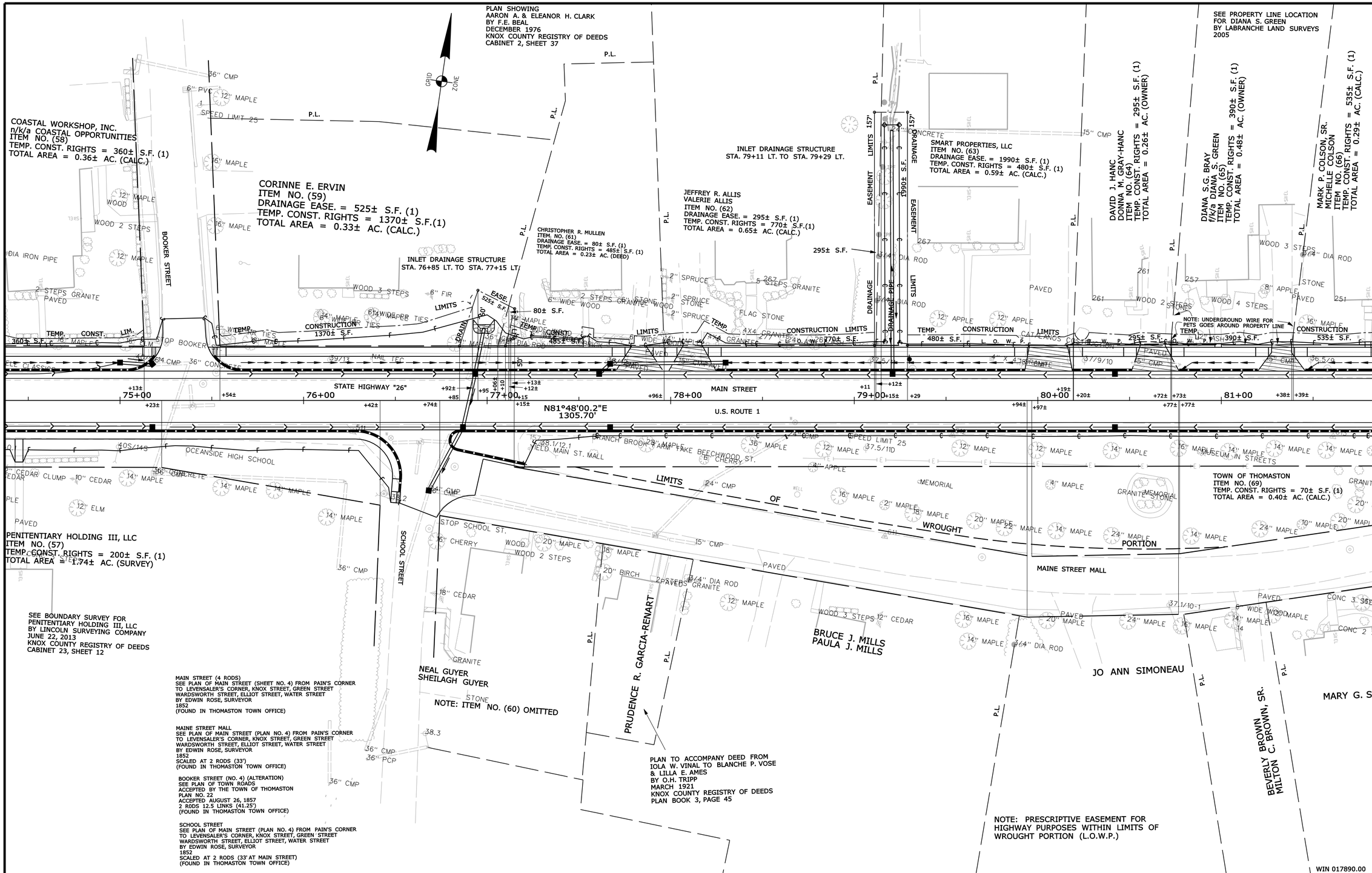
Filename: ...\00\row\msta\010_RWPLAN10.dgn Division: ROW Username: Don.Burns Date:10/26/2015



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SYMBOLS

- (WELL) WELL
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION (L.O.W.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- IP or IPF (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
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- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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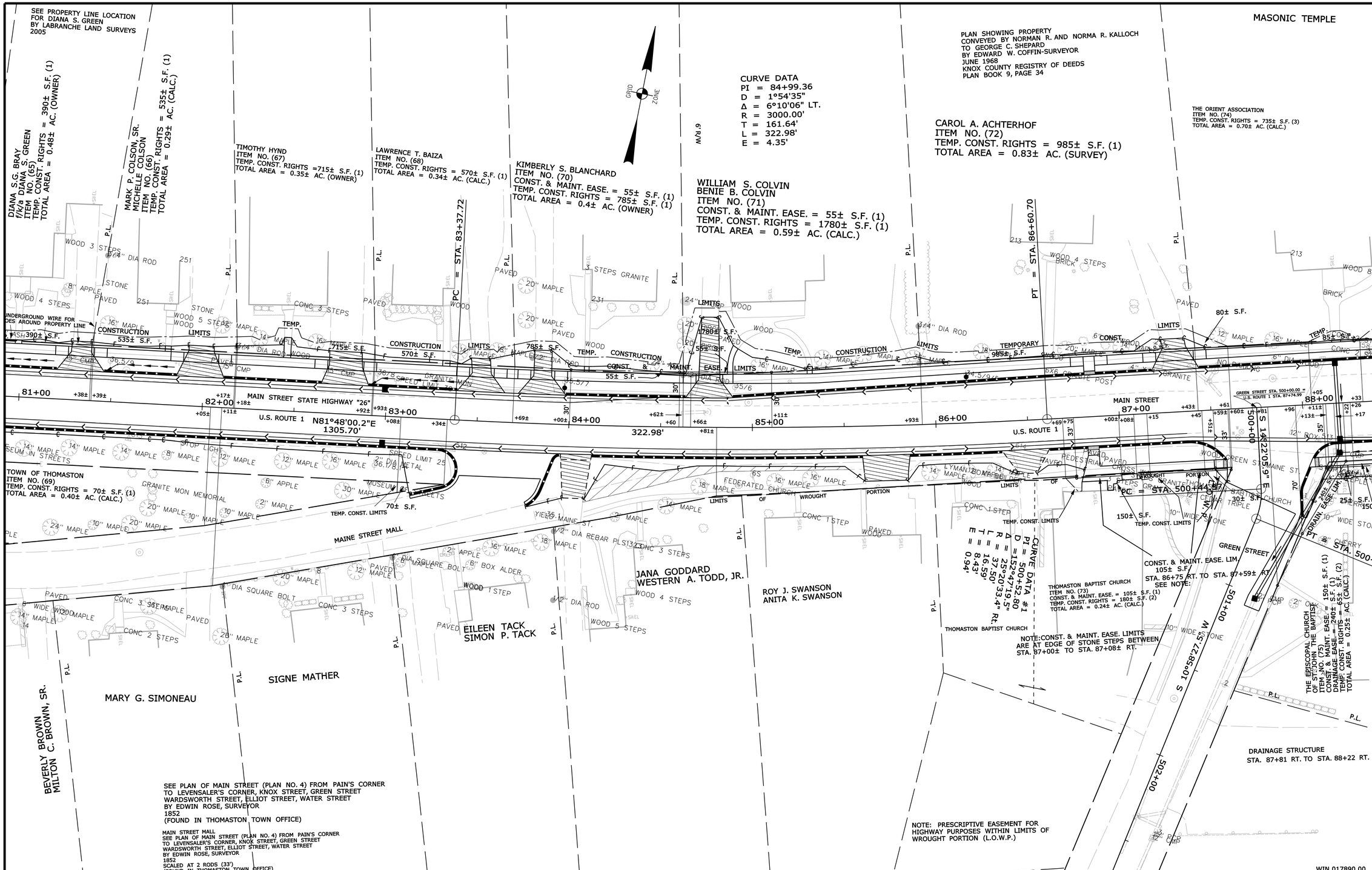
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 7-160
SCALE 1" = 25'	SHEET 11 OF 18	

SHEET NUMBER
180
OF 187

Filename: ...\00\row\msta\011_RWPLAN11.dgn Division: ROW Username: Don.Burns Date:10/26/2015



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

SYMBOLS

- (WELL) WELL
- GROUNDING UNIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE - P.L.
- LIMITS OF WROUGHT PORTION (L.O.W.P.)
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- IP or ⊕ IPP (IRON PIPE or PIN FOUND)
- S.T. (SEPTIC TANK)
- (ROW MONUMENT)
- &BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016

THOMASTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	9/28/15	4962	127

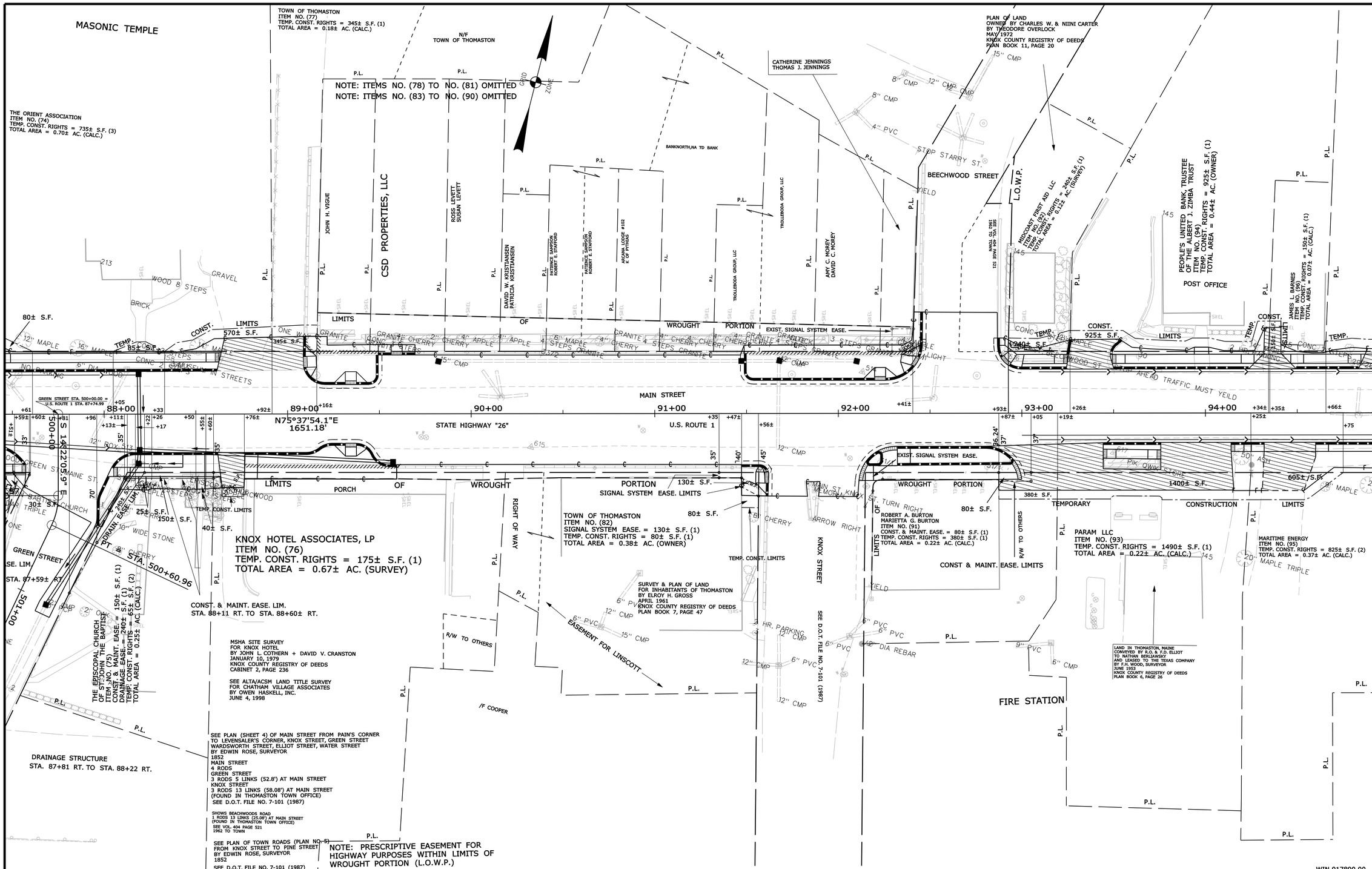
DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 12 OF 18

SHEET NUMBER
181
OF 187

Date:10/26/2015
Username: Don.Burns
Division: ROW
Filename: ...\00\row\msto\012_RWPLAN12.dgn



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SYMBOLS

- (WELL) WELL
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE - P.L. -
- LIMITS OF WRO.,SHT.PORTION (L.O.W.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- IP or IPF (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	D.W.B.
PROP. LINES	D.W.B.	D.W.B.
AREAS	D.W.B.	P.N.S.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016

THOMASTON
RIGHT OF WAY MAP

REVISIONS

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NO.	GRANTOR		INSTRUMENT	DATE	BOOK	PAGE
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JOYCE NOEL TAYLOR
CHIEF ENGINEER

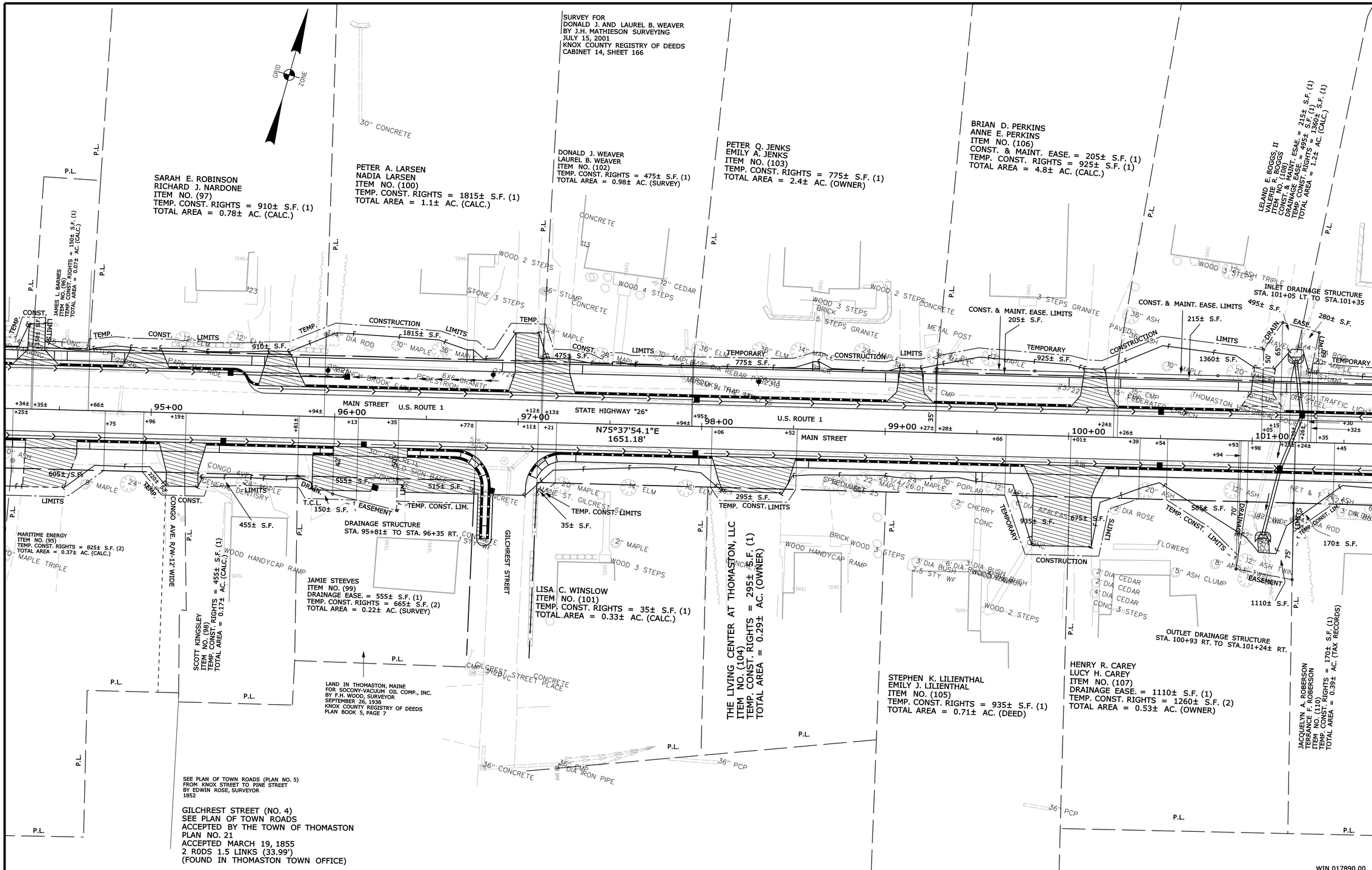
DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 7-160
SCALE 1" = 25'	SHEET 13 OF 18	

SHEET NUMBER
182
OF 187

Filename: ...\00\row\msta\013_RWPLAN13.dgn Division: ROW Username: Don.Burns Date:10/26/2015



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SYMBOLS

- ● IP or ● B/P (IRON PIPE or PIN FOUND)
- ☐ ST. (SEPTIC TANK)
- ▣ (ROW MONUMENT)
- ⚓BM (TRAVERSE POINT)
- ○WELL (WELL)
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE - PL -
- LIMITS OF ROW (RIGHT-OF-WAY 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	D.W.B.	
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK			PAGE	COUNTY RECORD		
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	9/28/15	4962	127

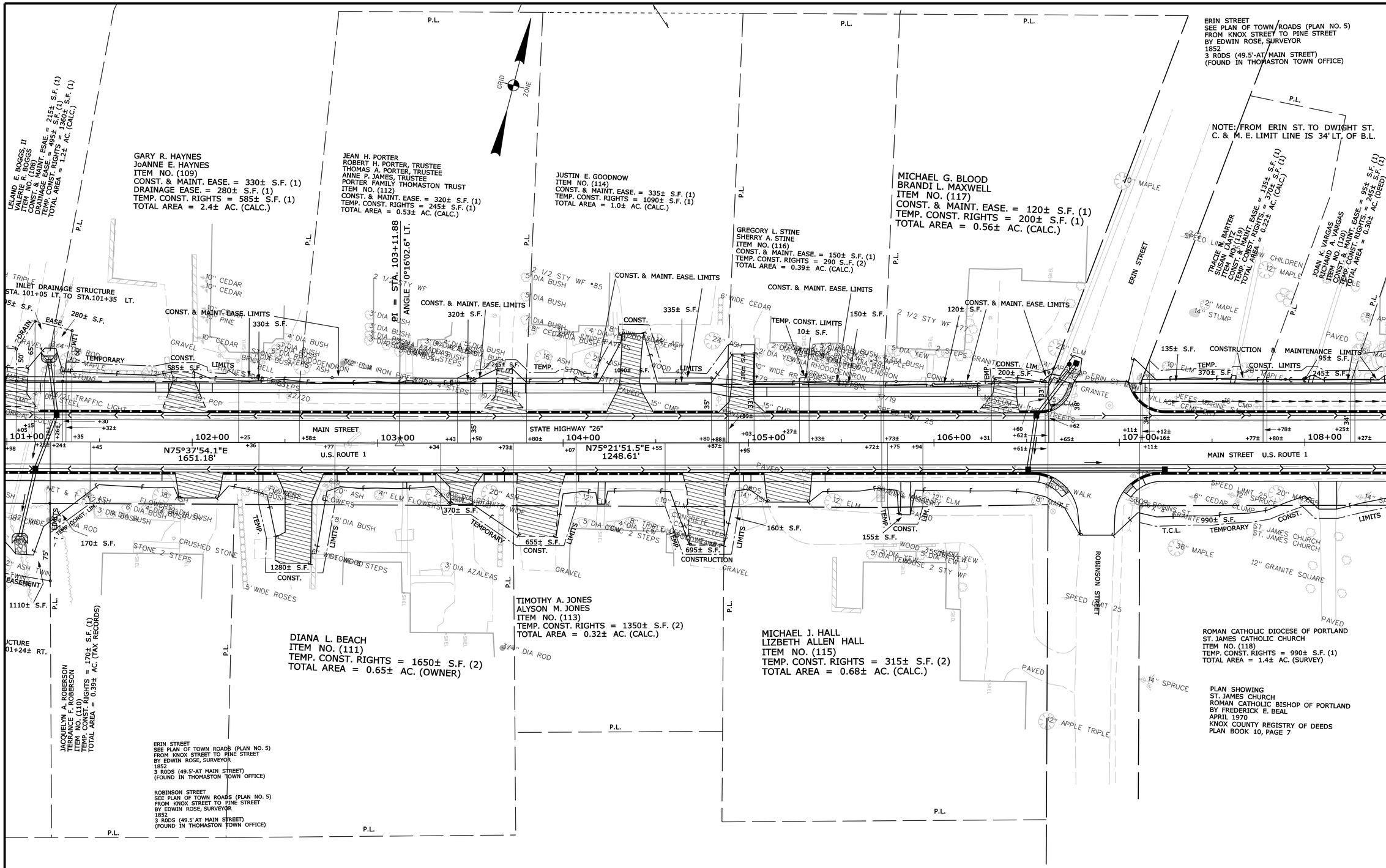
DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 7-160
SCALE 1" = 25'	SHEET 14 OF 18	

SHEET NUMBER
183
OF 187

Filename: ...\00\row\msta\014_RWPLAN14.dgn Division: ROW Username: Don.Burns Date:10/26/2015



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SYMBOLS

- IP or ● PIPE (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- ⊠ (ROW MONUMENT)
- &BM (TRAVERSE POINT)
- ○WELL (WELL)
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF "RIGHT" PORTION (L.O.T.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	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

Filename: ...\00\row\msto\015_RWPLAN15.dgn Division: ROW Username: Dan.Burns Date:10/26/2015

REVISIONS

NO.	DATE	DESCRIPTION	BY

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		COND.	9/28/15	4962	127

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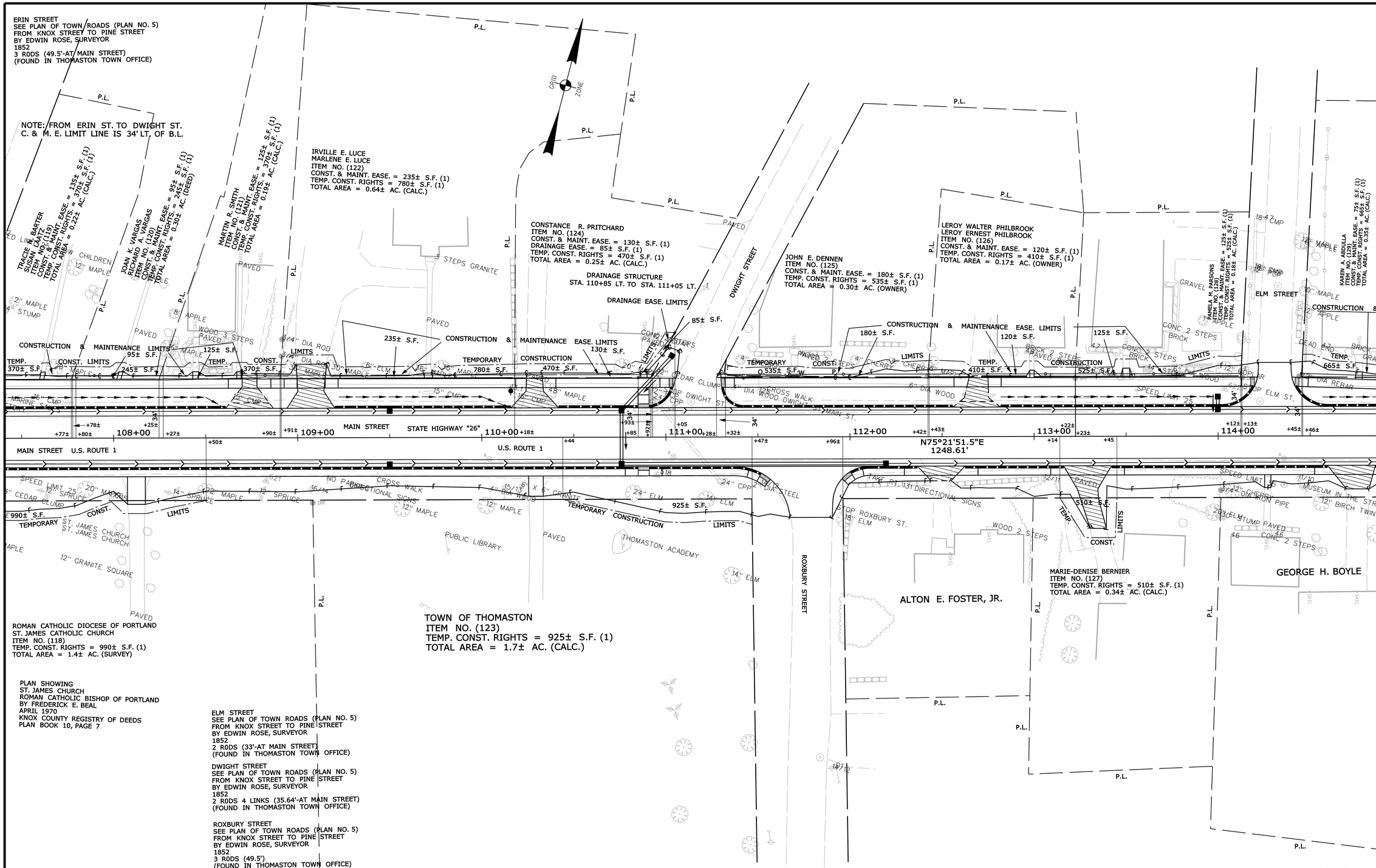
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER

DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 15 OF 18

SHEET NUMBER
184
OF 187



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SYMBOLS

- WELL
- GROUNDING UNIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF VARIOUS RIGHT TO PORTION (L.O.V.R.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- IP or ● IPF (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS

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		COND.	9/28/15	4962	127

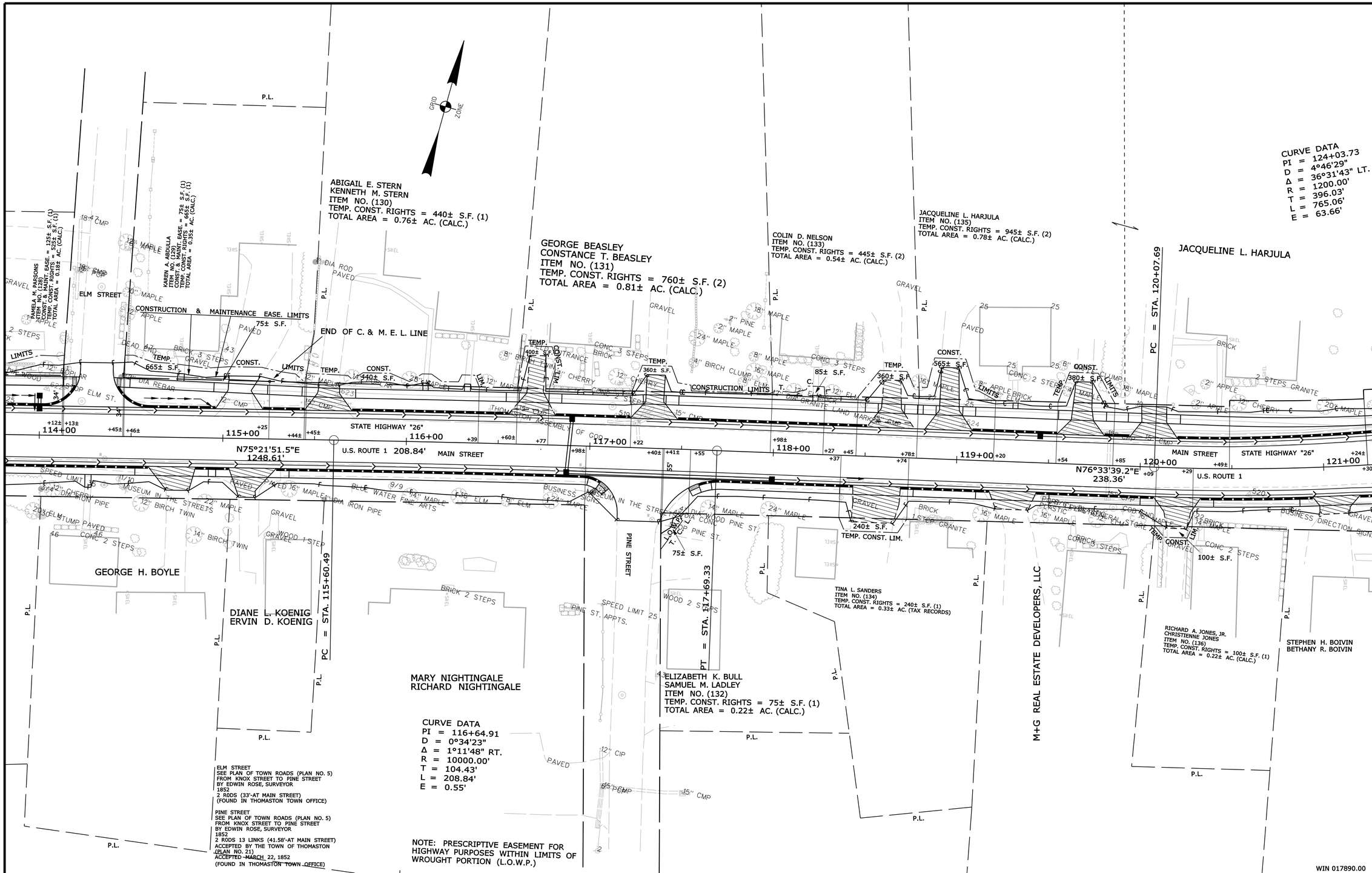
DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 16 OF 18

SHEET NUMBER
185
OF 187

Filename: ...\00\row\msta\016_RWPLAN16.dgn Division: ROW Username: Dan.Burns Date:10/26/2015



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- ○ WELL
- GRADING LIMIT LINE
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- LIMITS OF WROUGHT PORTION (L.O.W.P.)
- EXISTING RIGHT OF WAY
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ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

Filename: ...\00\row\msto\017_RWPLAN17.dgn Division: ROW Username: Dan.Burns Date:10/26/2015

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DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 17 OF 18

SHEET NUMBER
186
OF 187

Filename: ...\00\row\msto\018_RWPLAN18.dgn Division: ROW Username: Don.Burns Date:10/26/2015

CURVE DATA
PI = 124+03.73
D = 4°46'29"
Δ = 36°31'43" LT.
R = 1200.00'
T = 396.03'
L = 765.06'
E = 63.66'

PC = STA. 120+07.69

JACQUELINE L. HARJULA

INLET DRAINAGE STRUCTURE
STA. 122+95 LT. TO STA. 123+22± LT.

MARCEL VALLIERE
JILL VALLIERE
ITEM NO. (137)
DRAINAGE EASE. = 260± S.F. (1)
TOTAL AREA = 0.21± AC. (CALC.)

EXISTING DRAINAGE EASE.
S.H.C. FILE NO. 7-58

EXISTING SLOPE EASE.
S.H.C. FILE NO. 7-58

DRAINAGE EASE. 260± S.F.

STONEY BROOK LANE
f/k/a PLEASANT STREET

N/F
BETHANY R. BOIVIN
STEPHEN H. BOIVIN

CRAIG N. SIMONEAU

SEE S.H.C. FILE NO. 7-58 (1962)

SLOPE EASEMENT

EXISTING SLOPE EASE.

430± S.F.

ORTN. EASE. LIM.

OUTLET DRAINAGE STRUCTURE
STA. 126+40± LT. TO STA. 126+75 LT.

CRAIG N. SIMONEAU
ITEM NO. (140)
DRAINAGE EASE. = 430± S.F. (1)
TOTAL AREA = 1.17± AC. (TAX RECORDS)

RIVERSIDE STREET

END B.L. 127+00

SEE S.H.C. FILE NO. 7-58 (1962)

STATE HIGHWAY "26"

MAIN STREET

U.S. ROUTE 1

N76°33'39.2"E
238.36'

692.31'

TOWN OF THOMASTON

THE KNOX MANSION

FISH STREET

EXISTING DRAINAGE EASE.
STORM SEWER OUTLET
SEE S.H.C. FILE NO. 7-58 (1962)

EXISTING DRAINAGE EASE.
1330± S.F.
EASEMENT

SLOPE EASEMENT

FLOW

MILL RIVER

OUTLET DRAINAGE STRUCTURE
STA. 125+30 RT. TO STA. 125+65 RT.

TOWN OF THOMASTON
ITEM NO. (139)
DRAINAGE EASE. = 1330± S.F. (1)
TOTAL AREA = 2.18± AC. (TAX RECORDS)

150± S.F.
TEMP. CONST. LIMITS

SCOTT W. SIMMONS
ITEM NO. (138)
TEMP. CONST. RIGHTS = 150± S.F. (1)
TOTAL AREA = 0.19± AC. (CALC.)

WILLIAM J. BROWN
MARY A. BROWN

MARK E. JOYCE

STEPHEN H. BOIVIN
BETHANY R. BOIVIN

RICHARD A. JONES, JR.
CHRISTIENNE JONES
ITEM NO. (136)
TEMP. CONST. RIGHTS = 100± S.F. (1)
TOTAL AREA = 0.22± AC. (CALC.)

100± S.F.

NO. 3 -RIVERSIDE STREET
ACCEPTED BY THE TOWN OF THOMASTON
(PLAN NO. 21)
ACCEPTED MARCH 22, 1852
2 RODS 1 LINK -33.66'
(FOUND IN THOMASTON TOWN OFFICE)

PLEASANT STREET n/k/a STONEY BROOK LANE
SEE PLAN OF TOWN ROADS (PLAN NO.6)
FROM PINE STREET TO SOUTH THOMASTON
BY EDWIN ROSE, SURVEYOR
1852
2 RODS (33'-AT MAIN STREET)
(FOUND IN THOMASTON TOWN OFFICE)

FISH STREET
SEE PLAN OF TOWN ROADS (PLAN NO.6)
FROM PINE STREET TO SOUTH THOMASTON
BY EDWIN ROSE, SURVEYOR
1852
3 RODS 3 LINKS (51.5'-AT MAIN STREET)
(FOUND IN THOMASTON TOWN OFFICE)
SEE S.H.C. FILE NO. 7-58 (1962)

WIN 017890.00

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SYMBOLS
- IP or PIPE (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- WELL
- GRADING LIMIT LINE
- CONTROL PROPERTY LIMIT LINE
- LIMITS OF WRO, RIGHT-OF-WAY (L.O.W.R.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS

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DATE

STATE HIGHWAY "26"
U.S. ROUTE 1-MAIN STREET
THOMASTON KNOX COUNTY
FEDERAL AID PROJECT NO. STP-1789(000)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 7-160
SCALE 1" = 25' | SHEET 18 OF 18

SHEET NUMBER
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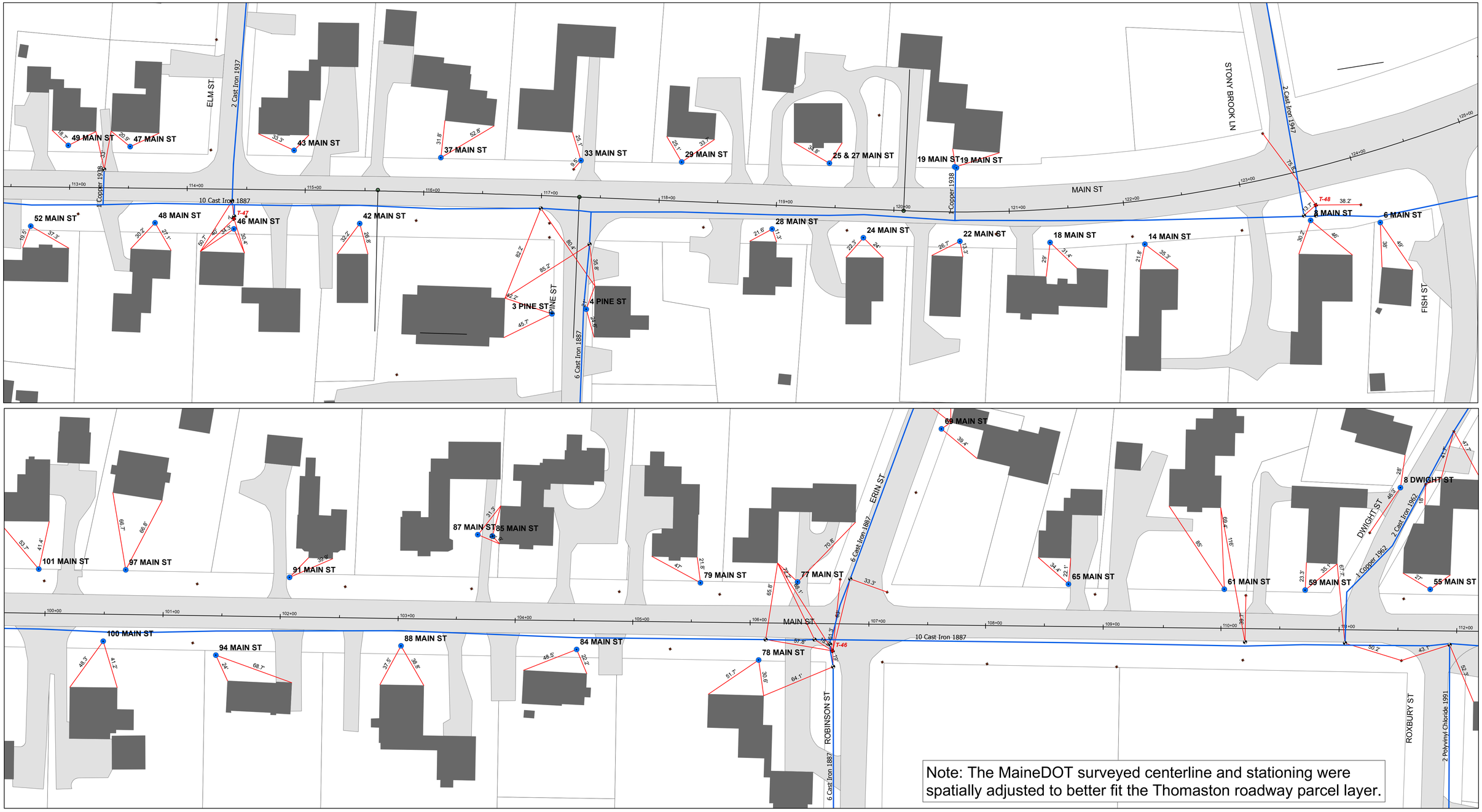

MaineWater

Water Service Renewals
Main Street
Thomaston, ME

Page: 1

6 - 101 Main Street: Water Services

1 inch = 40 feet

Drawn By: HIP

Date: October 28, 2015

Note: The MaineDOT surveyed centerline and stationing were spatially adjusted to better fit the Thomaston roadway parcel layer.

MaineWater

Water Service Renewals
Main Street
Thomaston, ME

N W E S

Page: 2

104 - 295 Main Street: Water Services

1 inch = 40 feet

Drawn By: HIP

Date: October 28, 2015

Note: The MaineDOT surveyed centerline and stationing were spatially adjusted to better fit the Thomaston roadway parcel layer.

MaineWater

Water Service Renewals
Main Street
Thomaston, ME

308 - 364 Main Street: Water Services

1 inch = 40 feet

Page: 3

Drawn By: HIP

Date: October 28, 2015