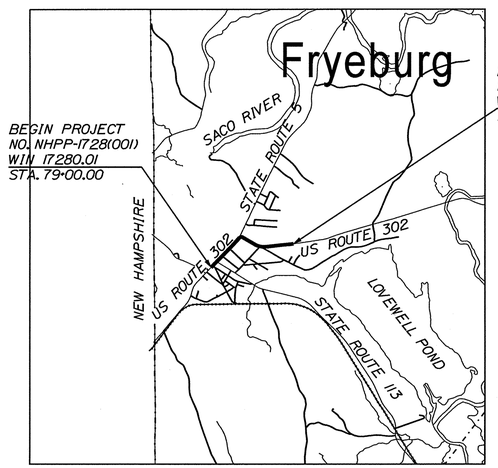
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

FRYEBURG
OXFORD COUNTY
US ROUTE 302
1728001
PROJECT LENGTH: 1.24 MILES
RECONSTRUCTION

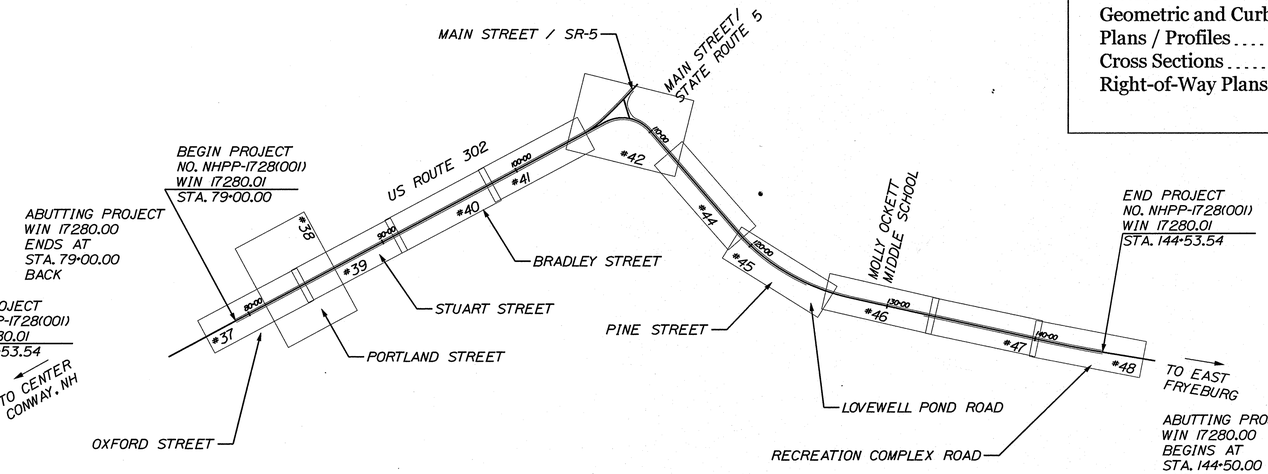
PLAN LEGEND

Town, County, State
Property Lines
R/W Lines-Existing
R/W Lines-Proposed
Culvert-Existing
Culvert Proposed
Curbing — Existing — Proposed
Type 1
Type 3
Type 5
Outline of Bodies of Water
Ledge
Buildings
Trees — Conifer — Deciduous
Tree Line
Clearing Limit Line
Centerline-Existing
Centerline-Proposed
Travelway-Existing
Travelway-Proposed
Railroad
Catch Basins — Existing ■ Proposed
Manholes ○ Existing ● Proposed
Proposed Underdrain
Proposed Ditch
Existing Ditch
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



LOCATION MAP

1 0 1 2
Scale in Miles



INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2-7
Estimated Quantities	8
Drainage Summary	9-10
General Notes	11
Construction Notes	12
Drainage Details	13
Mast Arm Foundation and Boring Location Plan	14
Traffic Signal Plan	15-16
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Geometric and Curb Layout Plans	28-36
Plans / Profiles	37-48
Cross Sections	49-113
Right-of-Way Plans	114-124

TRAFFIC DATA

	US RTE 302 WEST OF PORTLAND ST	US RTE 302 EAST OF MAIN STREET / STATE ROUTE 5
Current (2018) AADT	11,460	4,810
Future (2030) AADT	12,840	5,390
DHV - % of AADT	12%	11%
Design Hour Volume	1,541	593
% Heavy Trucks (AADT)	7%	10%
% Heavy Trucks (DHV)	4%	6%
Directional Distribution (DHV)	59%	53%
18 kip Equivalent P 2.0	593	285
18 kip Equivalent P 2.5	565	272
Design Speed (mph)	30	30/35
Functional Class:	RURAL PRINCIPAL ARTERIAL	
Corridor Priority:	1	1

LAYOUT SCALE

500 0 500 1000
Scale in Feet

PROJECT LOCATION:	Beginning 0.09 of a mile east of Elm Street and extending east 1.24 miles to 0.01 of a mile east of the Recreational Complex Road.
PROGRAM AREA:	Highway Prgram
OUTLINE OF WORK:	Highway reconstruction with alignment, drainage, sidewalk, and intersection improvements.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED

COMMISSIONER: [signature] DATE 7-8-2020

CHIEF ENGINEER: [signature] DATE 7-8-2020

STATE OF MAINE * LAUREN E. MEEK No. 10679 * LICENSED PROFESSIONAL ENGINEER

[signature] SIGNATURE
10679 P.E. NUMBER
07-02-2020 DATE

PROJECT INFORMATION

PROGRAM	HIGHWAY PROGRAM
PROJECT MANAGER	ERNEST MARTIN
DESIGNER	LAUREN MEEK
CONSULTANT	STANTEC
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

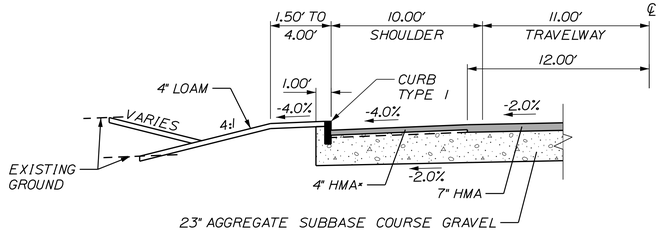
WIN 17280.01 1728001

FRYEBURG
US ROUTE 302

TITLE SHEET

SHEET NUMBER
1
OF 124

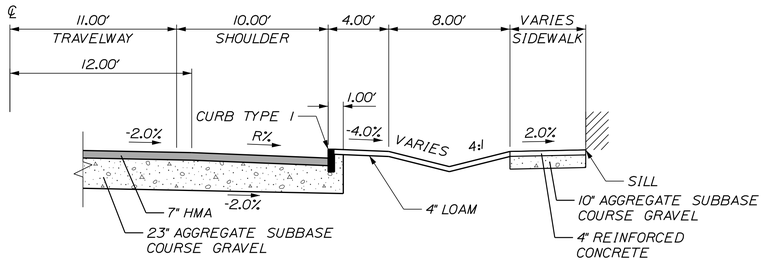
Filename: ...\D\HIGHWAY\MSTA_Title.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



* CONSTRUCT FULL-DEPTH SHOULDER FROM STA. 82+00 TO STA. 86+00 LT.

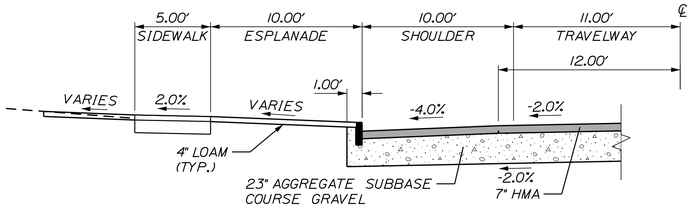
STATION TO STATION
79+00 TO 79+71 LT
84+35 TO 105+00 LT

CURB TYPE I



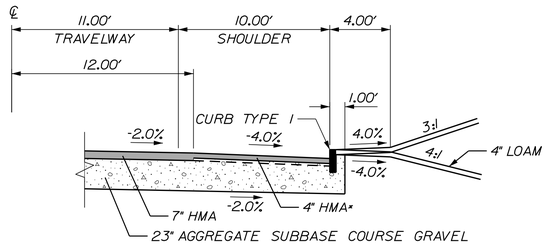
STATION TO STATION
84+55 TO 85+34 RT

CURB TYPE I SIDEWALK WITH SWALE ESPLANADE



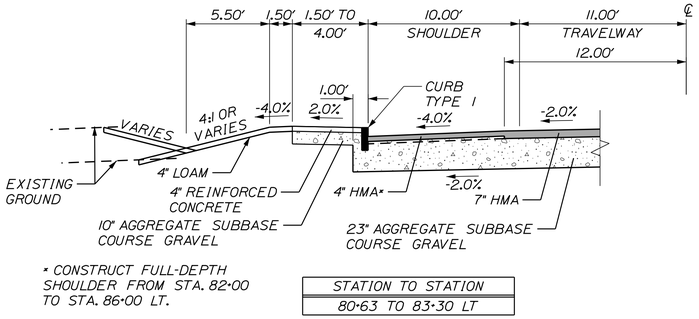
STATION TO STATION
83+30 TO 84+35 LT

CURB TYPE I WITH ESPLANADE



STATION TO STATION
87+06 TO 103+47 RT

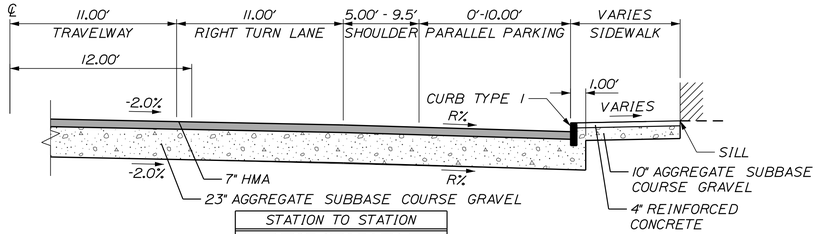
* CONSTRUCT FULL-DEPTH SHOULDER FROM STA. 78+83.93 TO STA. 87+29.14 RT.



* CONSTRUCT FULL-DEPTH SHOULDER FROM STA. 82+00 TO STA. 86+00 LT.

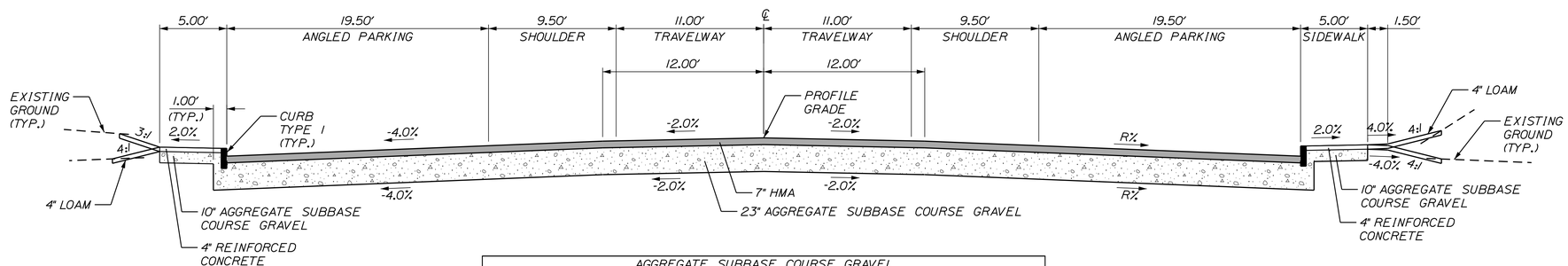
STATION TO STATION
80+63 TO 83+30 LT

CURB TYPE I WITH SIDEWALK



STATION TO STATION
81+66 TO 83+55 RT

RIGHT TURN LANE WITH SIDEWALK



AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER 153.88 CY/100 LF	2 - 11 FT. TRAVEL LANES 122.22 CY/100 LF	RIGHT SHOULDER 152.71 CY/100 LF
STATION TO STATION		STATION TO STATION
79+71 TO 80+63 LT		79+00 TO 81+66 RT
		85+34 TO 87+06 RT

US ROUTE 302 - DOWNTOWN SIDEWALK WITH ON STREET PARKING TYPICAL SECTION

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

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

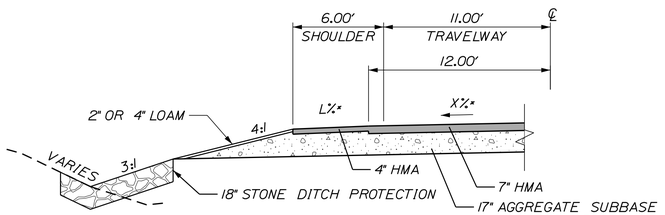
TYPICAL SECTIONS

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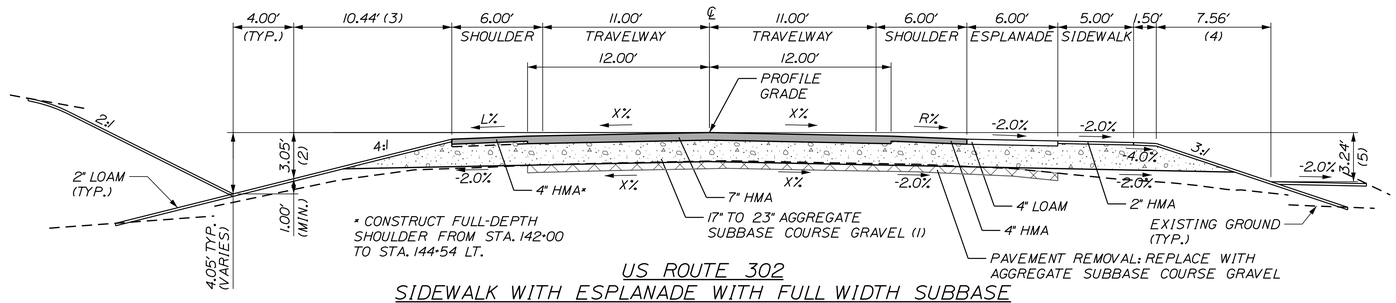
OF 124

Filename: ...\MSTA_Typicol_Sections.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020



STATION TO STATION
114+72 TO 118+00 LT
137+00 TO 138+50 LT

STONE DITCH



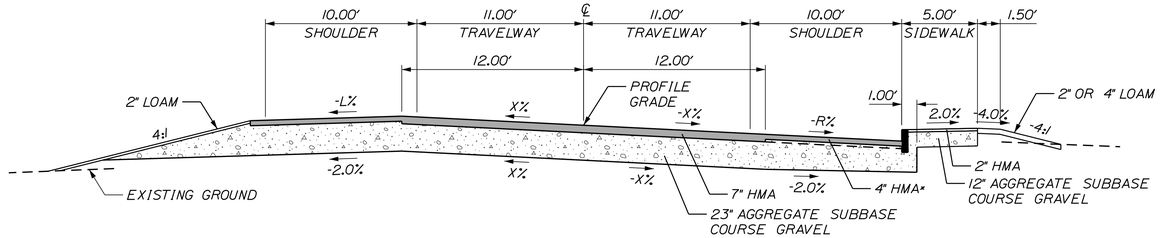
* CONSTRUCT FULL-DEPTH SHOULDER FROM STA. 142+00 TO STA. 144+54 LT.

US ROUTE 302

SIDEWALK WITH ESPLANADE WITH FULL WIDTH SUBBASE

NOTE:
FROM STA. 111+50 TO STA. 121+50, AGGREGATE SUBBASE COURSE GRAVEL DEPTH IS 17" AND OTHER DIMENSIONS VARY AS NOTED:
(1) 17"
(2) 2.49'
(3) 7.54'
(4) 6.94'
(5) 2.70'

AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES/100 LF	2 - 11 FT. TRAVEL LANES VARIES/100 LF	RIGHT SHOULDER VARIES/100 LF
STATION TO STATION		STATION TO STATION
111+50 TO 114+72 LT		111+50 TO 122+18 RT
118+00 TO 122+00 LT		
138+50 TO 144+54 LT		

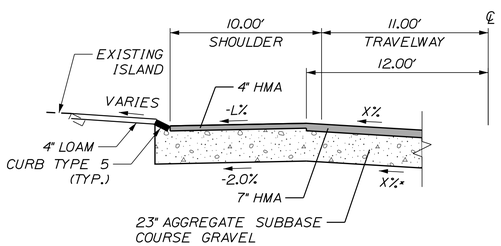


AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES/100 LF	2 - 11 FT. TRAVEL LANES VARIES/100 LF	RIGHT SHOULDER VARIES/100 LF
STATION TO STATION		STATION TO STATION
109+00 TO 111+50 LT		105+00 TO 111+50 RT

* CONSTRUCT FULL-DEPTH SHOULDER FROM STA. 104+00 TO STA. 110+00 RT.

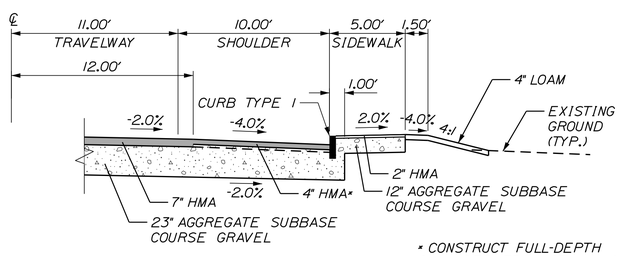
US ROUTE 302

SUPERELEVATED CURBED WITH LOW-SIDE SIDEWALK



STATION TO STATION
107+14 TO 107+99 LT

TYPE 5 CURB ISLAND



STATION TO STATION
103+47 TO 105+00 RT

CURB TYPE 1

* CONSTRUCT FULL-DEPTH SHOULDER FROM STA. 104+00 TO STA. 110+00 RT.

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

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

P.E. NUMBER

DATE

SIGNATURE

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		07\2020
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

FRYEBURG
US ROUTE 302

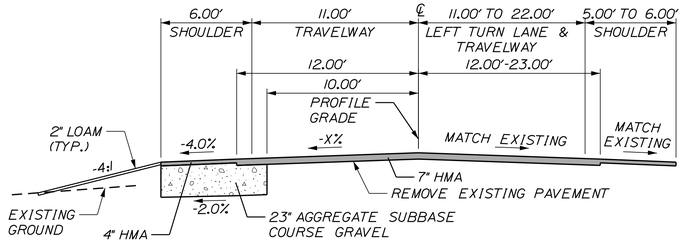
TYPICAL SECTIONS

SHEET NUMBER

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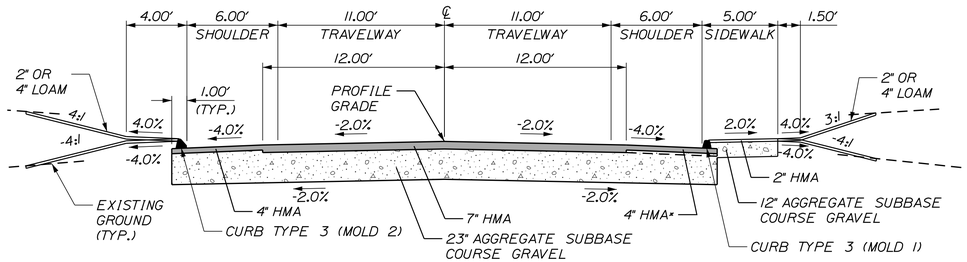
OF 124

Filename: ...\MSTA_Typicol_Sections.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATION TO STATION
124+50 TO 132+50 LT

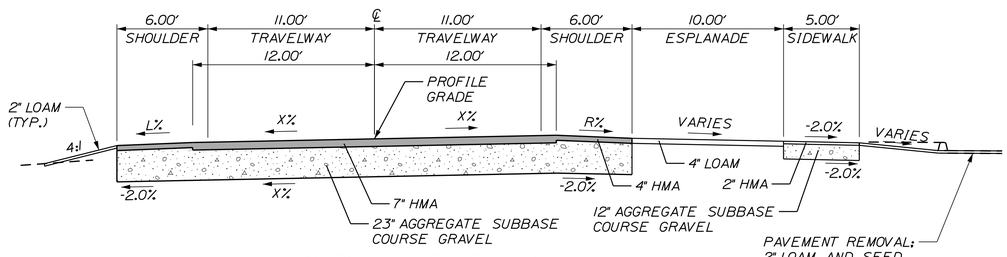
FULL DEPTH PAVEMENT REMOVAL AND BOX WIDENING



US ROUTE 302
TYPE 3 CURB WITH SIDEWALK

* CONSTRUCT FULL-DEPTH SHOULDER FROM STA. 143+00 TO STA. 144+53.54 RT.

AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER 41.26 CY/100 LF	2 - 11 FT. TRAVEL LANES 122.22 CY/100 LF	RIGHT SHOULDER 41.26 CY/100 LF
STATION TO STATION		STATION TO STATION
132+50 TO 137+00 LT		132+50 TO 144+00 RT



US ROUTE 302 SUPERELEVATED
SIDEWALK WITH ESPLANADE WITH BOXED SUBBASE

AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES/100 LF	2 - 11 FT. TRAVEL LANES VARIES/100 LF	RIGHT SHOULDER VARIES/100 LF
STATION TO STATION		STATION TO STATION
122+00 TO 124+50 LT		123+00 TO 124+50 RT

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

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

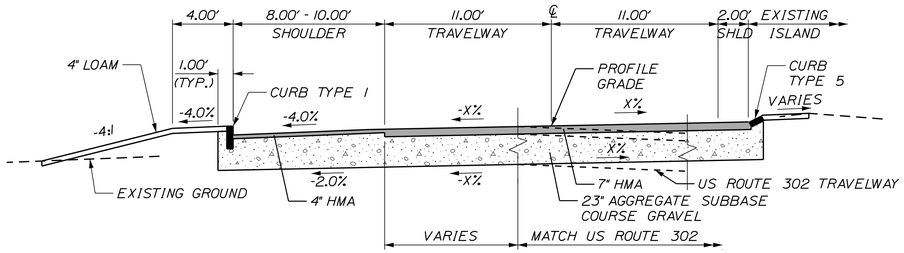
TYPICAL SECTIONS

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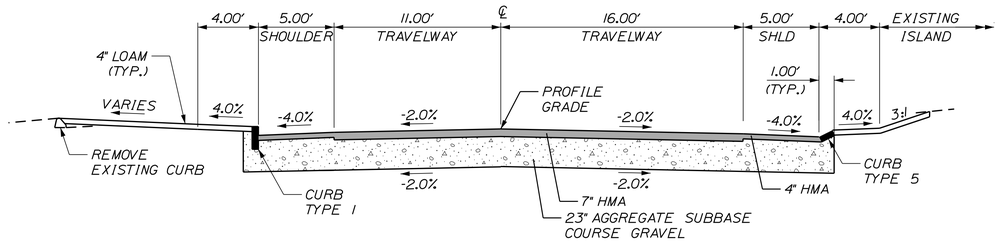
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Filename: ...\MSTA_Typicol_Sections.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



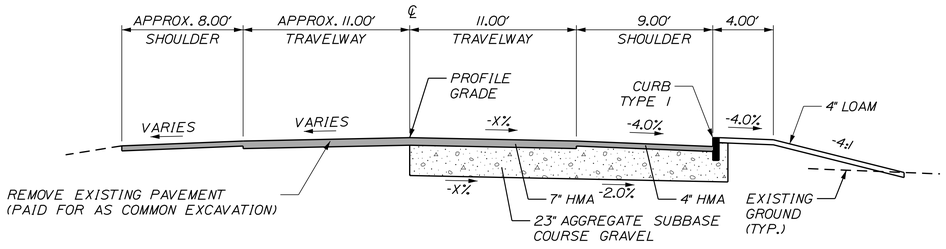
AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES/100 LF	2 - 11 FT. TRAVEL LANES VARIES/100 LF	RIGHT SHOULDER VARIES/100 LF
STATION TO STATION		STATION TO STATION
1000+00 TO 1003+00 LT.		1002+27 TO 1003+31 RT.

STATE ROUTE 5
TYPICAL SECTION ALONG US 302 & RAISED ISLAND



AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER 47.67 CY/100 LF	11 FT. & 16 FT. TRAVEL LANES 199.51 CY/100 LF	RIGHT SHOULDER 48.56 CY/100 LF
STATION TO STATION		STATION TO STATION
2000+00 TO 2001+34.89 LT.		2000+00 TO 2001+34.89 RT

STATE ROUTE 5 & US 302 CONNECTOR
TYPICAL SECTION



AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER 0/100 LF	ONE 11 FT. TRAVEL LANES 81.78 CY/100 LF	RIGHT SHOULDER 76.70 CY/100 LF
STATION TO STATION		STATION TO STATION
1003+00 TO 1004+50 LT.		1003+31 TO 1004+50 RT.

STATE ROUTE 5
TYPICAL SECTION

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

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	P. POTTLE
CHECKED-REVIEWED	L. MEEK
DESIGN2-DETAILED2	T. GLEESON
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES	PLP LEM THG	07\2020

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

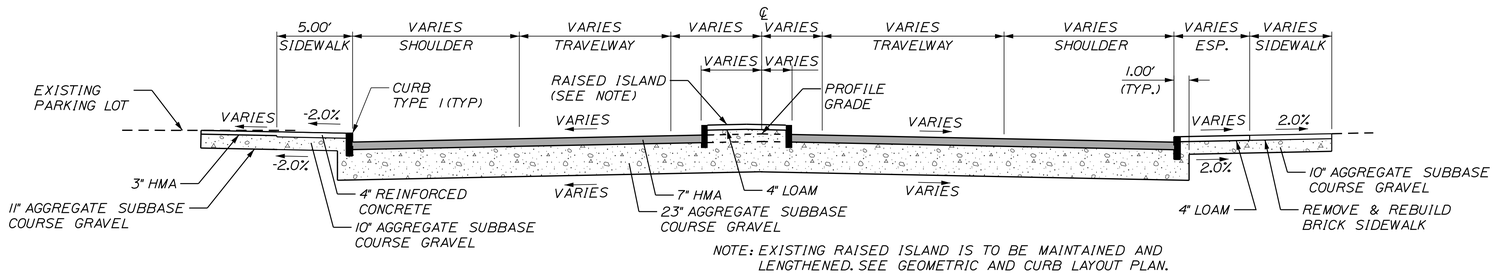
TYPICAL SECTIONS

SHEET NUMBER

5

OF 124

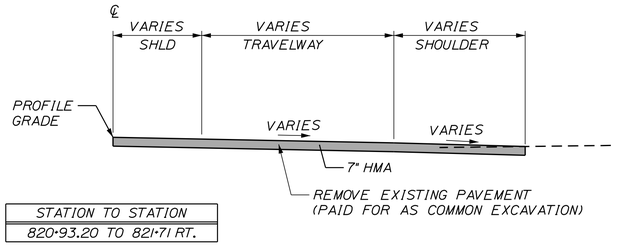
Filename: ...\MSTA_Typical_Sections.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



NOTE: EXISTING RAISED ISLAND IS TO BE MAINTAINED AND LENGTHENED. SEE GEOMETRIC AND CURB LAYOUT PLAN.

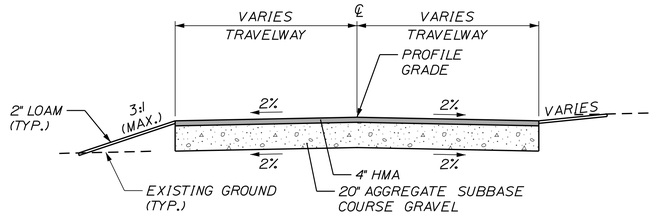
AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES CY/100 LF	2 - 12 FT. TRAVEL LANES VARIES CY/100 LF	RIGHT SHOULDER VARIES CY/100 LF
STATION TO STATION		STATION TO STATION
821+71 TO US RTE 302 LT.		821+71 TO US RTE 302 RT.

PORTLAND STREET
TYPICAL SECTION



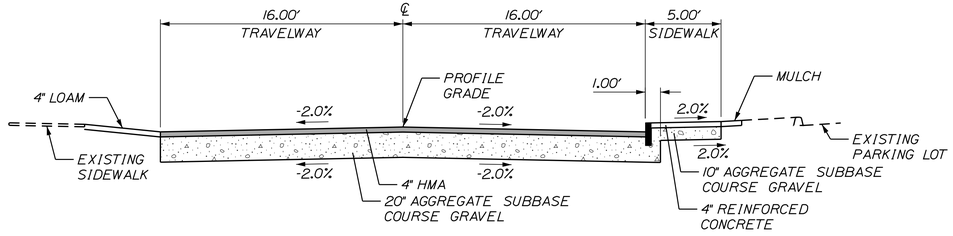
STATION TO STATION
820+93.20 TO 821+71 RT.

PORTLAND STREET WITH PARTIAL PAVEMENT REMOVAL
TYPICAL SECTION



AGGREGATE SUBBASE COURSE GRAVEL TWO TRAVEL LANES - VARIES CY/100 LF		
STUART ST.	STA. 840+25 TO 840+38	(4" LOAM)
BRADLEY ST.	STA. 860+25 TO 860+80	(4" LOAM)
PINE STREET	STA. 901+00 TO US RTE 302	
LOVEWELL POND RD.	STA. 940+11 TO US RTE 302	
RECREATION COMPLEX RD.	STA. 980+15 TO US RTE 302	

SIDE STREET
TYPICAL SECTION



AGGREGATE SUBBASE COURSE GRAVEL TWO TRAVEL LANES - VARIES CY/100 LF	
OXFORD ST.	STA. 800+60 TO US RTE 302

OXFORD STREET
TYPICAL SECTION

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

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

DATE
07\2020

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

TYPICAL SECTIONS

SHEET NUMBER
6
OF 124

Filename: ...\MSTA_Typicol_Sections.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

US ROUTE 302 - SUPERELEVATION TABLE				
LEFT SHOULDER	TRAVELWAY	STATION	TRAVELWAY	RIGHT SHOULDER
-4.0	-2.0	79+00	-2.0	-4.0
-2.0	-2.0	79+50	-2.0	-4.0
		TO		
-2.0	-2.0	80+50	-2.0	-4.0
-4.0	-2.0	81+00	-2.0	-4.0
		TO		
-4.0	-2.0	81+25	-2.0	-4.0
-4.0	-2.0	81+50	-2.0	-3.0
		TO		
-4.0	-2.0	82+00	-2.0	-3.0
-4.0	-2.0	82+25	-2.0	-2.0
		TO		
-4.0	-2.0	85+50	-2.0	-2.0
-4.0	-2.0	85+75	-2.0	-3.0
		TO		
-4.0	-2.0	86+25	-2.0	-3.0
-4.0	-2.0	86+50	-2.0	-4.0
		TO		
-4.0#	-2.0	105+00	-2.0	-4.0
#	0.0	105+50	-2.0	-4.0
#	2.0	106+00	-2.0	-4.0
#	4.0	106+50	-4.0	-4.0
-2.0#	6.0	107+00	-6.0	-6.0
		TO		
-2.0	6.0	109+50	-6.0	-6.0
-2.0	4.0	110+00	-4.0	-4.0
-4.0	2.0	110+50	-2.0	-4.0
-4.0	0.0	111+00	-2.0	-4.0
-4.0	-2.0	111+50	-2.0	-4.0
		TO		
-4.0	-2.0	117+00	-2.0	-4.0
-4.0	-2.0	117+50	-0.6	-4.0
-4.0	-2.0	118+00	0.8	-4.0
-4.0	-2.0	118+42.86	2.0	-4.0
-4.0	-2.2	118+50	2.2	-4.0
-4.0	-3.6	119+00	3.6	-4.0
		TO		
-4.0	-3.6	122+50	3.6	-4.0
-4.0	-3.6	123+00	3.6	-4.0
-4.0	-3.5	123+50	3.5	-4.0
		TO		
-4.0	-3.5	124+50	3.5	-4.0
		TO		
-4.0	-3.5	127+00	3.5	-2.5
-4.0	-2.6	127+50	2.6	-3.4
-4.0	-2.0	127+81.82	1.7	-4.0
-4.0	-2.0	128+00	0.8	-4.0
-4.0	-2.0	128+50	-0.2	-4.0
-4.0	-2.0	129+00	-1.1	-4.0
-4.0	-2.0	129+50	-1.4	-4.0
-4.0	-2.0	130+00	-2.0	-4.0
-4.0	-2.0	130+50	-2.0	-4.0
		TO		
-4.0	-2.0	132+50	-2.0	-5.0
-4.0	-2.0	133+00	-2.0	-4.0
		TO		
-4.0	-2.0	144+50	-2.0	-4.0

* MATCH STATE ROUTE 5

STATE ROUTE 5 - SUPERELEVATION TABLE				
LEFT SHOULDER	TRAVELWAY	STATION	TRAVELWAY	RIGHT SHOULDER
-4.0	-2.0#	1000+00	-*	-*
		TO		
-4.0	-2.0#	1000+10.1	-*	-*
-4.0	-0.4#	1000+50	-*	-*
-4.0	1.6#	1001+00	-*	-*
-4.0	0.4	1001+50	-0.4	-*
-4.0	-0.8	1002+00	0.8	-*
-4.0	-2.0	1002+50	2.0	2.0
-4.0	-2.0	1003+00	2.0	2.0
-4.0	-2.0	1003+50	0.0	-*
-4.0	-2.0	1004+00	-2.0	-4.0

* MATCH US ROUTE 302
* US ROUTE 302 TRAVELWAY

Filename: ...\MSTA_Typicol_Sections.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

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17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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FRYEBURG
US ROUTE 302

TYPICAL SECTIONS

SHEET NUMBER

7

OF 124

Filename: ...\10\HIGHWAY\MSTA_Estimate.dgn Division: HIGHWAY Username: ppotile Date:7/13/2020

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP	5	EA
201.24	REMOVING STUMP	5	EA
202.15	REMOVING EXISTING MANHOLE OR CATCHBASIN	21	EA
203.20	COMMON EXCAVATION	24900	CY
203.2312	HEALTH AND SAFETY PLAN (HASP)	1	LS
203.2333	DISPOSAL/TREATMENT OF SPECIAL EXCAVATION	670	TON
203.25	GRANULAR BORROW	100	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	24050	CY
403.2072	ASPHALT RICH HOT MIX ASPHALT, 19.0 MM NOMIMAL MAXIMUM SIZE	3950	TON
403.2081	HOT MIX ASPHALT - 12.5 MM NOMIMAL MAXIMUM SIZE (POLYMER MODIFIED)	2800	TON
403.209	HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, ISLANDS & INCIDENTALS)	900	TON
403.213	HOT MIX ASPHALT 12.5 MM NOMINAL MAXIMUM SIZE	4700	TON
409.15	BITUMINOUS TACK COAT, APPLIED	1750	GAL
411.09	UNTREATED AGGREGATE SURFACE COURSE	50	CY
602.30	FLOWABLE CONCRETE FILL	35	CY
603.155	12" RCP CLASS III	233	LF
603.159	12" CULVERT PIPE OPTION III	384	LF
603.16	15" CULVERT PIPE OPTION I	64	LF
603.165	15" RCP CLASS III	58	LF
603.175	18" RCP CLASS III	74	LF
603.179	18" CULVERT OPTION III	514	LF
603.195	24" RCP CLASS III	36	LF
604.072	CATCH BASIN TYPE AI-C	11.125	EA
604.09	CATCH BASIN TYPE BI	1	EA
604.092	CATCH BASIN TYPE BI-C	7.375	EA
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	3	EA
604.246	CATCH BASIN TYPE F5	5	EA
604.247	CATCH BASIN TYPE F5-C	9	EA
604.248	CATCH BASIN TYPE F6	1	EA
604.249	CATCH BASIN TYPE F6-C	3	EA
604.252	CATCH BASIN TYPE A5-C	1.25	EA
605.09	6 INCH UNDERDRAIN TYPE B	4447	LF
605.11	12 INCH UNDERDRAIN TYPE C	2841	LF
605.12	15 INCH UNDERDRAIN TYPE C	1011	LF
605.13	18 INCH UNDERDRAIN TYPE C	96	LF
606.356	UNDERDRAIN DELINEATOR POST	15	EA
606.47	SINGLE WOOD POST	2	EA
608.08	REINFORCED CONCRETE SIDEWALK	880	SY
608.26	CURB RAMP DETECTABLE WARNING FIELD	320	SF
609.11	VERTICAL CURB TYPE 1	4538	LF
609.12	VERTICAL CURB TYPE 1 - CIRCULAR	272	LF
609.221	TERMINAL CURB TYPE 1	15	LF
609.234	TERMINAL CURB TYPE 1 - 4 FOOT	57	EA
609.2341	TERMINAL CURB TYPE 1 - 4 FOOT - CIRCULAR	12	EA
609.238	TERMINAL CURB TYPE 1 - 8 FOOT	31	EA
609.2381	TERMINAL CURB TYPE 1 - 8 FOOT - CIRCULAR	2	EA
609.31	CURB TYPE 3	1392	LF
609.34	CURB TYPE 5	238	LF
609.35	CURB TYPE 5 - CIRCULAR	33	LF
609.38	RESET CURB TYPE 1	206	LF
610.08	PLAIN RIPRAP	37	CY
610.18	STONE DITCH PROTECTION	230	CY
613.319	EROSION CONTROL BLANKET	1250	SY
615.07	LOAM	1750	CY
618.13	SEEDING METHOD NUMBER 1	130	UN
618.14	SEEDING METHOD NUMBER 2	35	UN
619.12	MULCH	165	UN
620.58	EROSION CONTROL GEOTEXTILE	56	SY
626.11	PRECAST CONCRETE JUNCTION BOX	8	EA
626.22	NON-METALLIC CONDUIT	300	LF
626.35	CONTROLLER CABINET FOUNDATION	1	EA
626.36	REMOVE OR MODIFY CONCRETE FOUNDATION	7	EA
626.411	18-IN DIAMETER FOUNDATION	33	LF
626.421	24-IN DIAMETER FONDATION	14	LF
626.451	42-INCH DIAMETER FOUNDATION	32.5	LF
626.46	48-INCH DIAMETER FOUNDATION	14.5	LF
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	21600	LF
627.75	WHITE OR YELLOW PAVEMENT & CURB MARKING	3700	SF
627.77	REMOVING EXISTING PAVEMENT MARKING	6500	SF
627.78	TEMPORARY 4" PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	19500	LF
629.05	HAND LABOR, STRAIGHT TIME	200	HR
631.10	AIR COMPRESSOR (INCLUDING OPERATOR)	50	HR
631.11	AIR TOOL (INCLUDING OPERATOR)	50	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	100	HR
631.14	GRADER (INCLUDING OPERATOR)	20	HR
631.15	ROLLER, EARTH AND BASE (INCLUDING OPERATOR)	20	HR
631.172	TRUCK-LARGE (INCLUDING OPERATOR)	100	HR
631.20	STUMP CHIPPER (INCLUDING OPERATOR)	50	HR
631.22	FRONT END LOADER (INCLUDING OPERATOR)	50	HR
639.18	FIELD OFFICE TYPE A	1	EA
643.62	RECTANGULAR RAPID FLASHING BEACON	1	EA
643.71	TRAFFIC SIGNAL MODIFICATION: ROUTE 302 AND PORTLAND STREET	1	LS
643.83	VIDEO DETECTION SYSTEM	1	LS
643.91	MAST ARM POLE	4	EA

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
643.92	PEDESTAL POLE	6	EA
645.103	DEMOUNT GUIDE SIGN	17	EA
645.106	DEMOUNT REGULATORY, WARNING, CONFIRMATION, & ROUTE MARKER ASSEMBLY SIGN	57	EA
645.108	DEMOUNT POLE	74	EA
645.113	REINSTALL GUIDE SIGN	1	EA
645.116	REINSTALL REGULATORY, WARNING, CONFIRMATION, & ROUTE MARKER ASSEMBLY SIGN	15	EA
645.118	REINSTALL POLE	16	EA
645.291	ROADSIDE GUIDE SIGNS, TYPE II	306	SF
645.292	REGULATORY, WARNING, CONFIRMATION, & ROUTE MARKER ASSEMBLY SIGNS, TYPE II	310	SF
652.30	FLASHING ARROW BOARD	2	EA
652.33	DRUM	100	EA
652.34	CONE	100	EA
652.35	CONSTRUCTION SIGNS	600	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	325	CD
652.38	FLAGGER	10000	HR
652.381	TRAFFIC OFFICER	200	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	4	EA
656.75	TEMP SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS
660.21	ON-THE-JOB TRAINING	2000	HR
801.03	TEST PITS	3	EA
827.364	ASBESTOS CEMENT PIPE DISPOSAL	22	TON

EARTHWORK SUMMARY

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM MODEL OR PLANS)	24525	
GRUBBING IN FILL	375	
TOTAL COMMON EXCAVATION		24900

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM MODEL OR PLANS)	2060	
GRUBBING IN FILL	375	
TOTAL FILL		2435

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

ALL DEDUCTIONS:		
GRUBBING IN CUT	200	
GRUBBING IN FILL	375	
PAVEMENT SALVAGE (CUT & FILL)	4860	
TOTAL DEDUCTIONS		5435
TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS	19465	
TOTAL AVAILABLE STRUCTURAL EXCAVATION (UNDERDRAIN ONLY)	1988	
RIPRAP EXCAVATION	40	
TOTAL AVAILABLE NON-ROCK EXCAVATION		21493

COMPUTATION OF WASTE STORAGE & WASTE MATERIAL

TOTAL AVAILABLE WASTE STORAGE AREA (FROM CROSS SECTIONS)	0	
GRUBBING IN CUT	200	
GRUBBING IN FILL	375	
TOTAL WASTE MATERIAL	575	
TOTAL WASTE MATERIAL TO BE WASTED		575

COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE

TOTAL AVAILABLE NON-ROCK EXCAVATION	21493	x 0.90	= 19343.7	
TOTAL AVAILABLE EXCAVATION				19344
BORROW NEEDED = TOTAL FILL (-) TOTAL AVAILABLE EXCAVATION				0
IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION (-) TOTAL FILL, (+) TOTAL WASTE MATERIAL TO BE WASTED				17484
SURPLUS MATERIAL				**17484 CY**

STATE OF MAINE
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HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
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CHECKED-REVIEWED	L. MEEK	LEM	
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FRYEBURG
US ROUTE 302

ESTIMATED QUANTITIES

SHEET NUMBER

8

OF 124

STATION	CULVERT PIPE												CATCH BASIN/ MANHOLE									UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			TYPE D TRIPLE WALL POLYPROPYLENE CULVERT PIPE (PPP)		OPTION I		OPTION III SMOOTHLINED		OPTION III CORRUGATED												TYPE B		TYPE C SMOOTHLINED		TYPE C CORRUGATED			
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	A5-C	B1	B1-C	B5	F5	F5-C	F6	F6-C	TYPE B LENGTH	OUTLET LENGTH	SMOOTHLINED SIZE	SMOOTHLINED LENGTH	CORRUGATED SIZE	CORRUGATED LENGTH	DESCRIPTIONS	
CATCH BASINS & MANHOLES																													
CB #2: STA. 81+22.5, 38.9' RT.																			/										
CB #3: STA. 82+73.9, 35.9' RT.																				/									
CB #4: STA. 80+39.3, 38.9' LT.																			/										
CB #6: STA. 81+15.0, 33.0' LT.																		/											
CB #7: STA. 81+85.0, 33.0' LT.																		/											
CB #8: STA. 83+00.0, 19.9' LT.												/																	
CB #9: STA. 83+00.0, 34.0' LT.																				/									
CB #10: STA. 84+00.0, 19.9' LT.															/														
CB #10A: STA. 11+84.2															1.375														
CB #12: STA. 821+58.4, 43.9' LT.												/																	
CB #14: STA. 84+60.9, 28.7' RT.												/																	
CB #15: STA. 85+02.0, 29.2' RT.														/															
CB #16: STA. 85+50.0, 38.9' RT.																			/										
CB #17: STA. 85+23.0, 19.9' LT.												/																	
CB #17A: STA. 86+76.0, 29.3' LT.																		/											
CB #17B: STA. 86+76.0, 19.9' LT.																				/									
CB #18: STA. 88+96.9, 19.9' RT.																			/										
CB #19: STA. 92+50.0, 19.9' LT.																			/										
CB #20: STA. 92+50.0 19.9' RT.																				/									
CB #21: STA. 100+00.0, 19.9' LT.												1.50																	
CB #22: STA. 100+00.0, 19.9' RT.												1.50																	
CB #22A: STA. 96+50.9, 21.2' RT.													1.25																OFFSET CONE
CB #23: STA. 1000+21.7, 19.9' LT.												1.125																	
CB #23A: STA. 1002+92.8, 17.9' LT.												/																	
CB #24: STA. 2000+07.7, 37.5' LT.																			/										
CB #24A: STA. 105+50.0, 19.9' RT.												/																	
CB #25: STA. 2000+45.0, 19.9' RT.															/														
CB #25A: STA. 2000+57.8, 15.9' LT.												/																	
CB #26: STA. 107+94.2, 19.5' LT.															/														
CB #27: STA. 107+94.2, 19.9' RT.																			/										
CB #27A: STA. 108+00.0, 34.5' RT.																		/											
CB #29: STA. 133+53.0, 15.9' LT.																			/										
CB #30: STA. 133+48.0, 15.9' RT.																			/										
CB #31 STA. 134+87.5, 15.9' LT.															/														FLAT TOP
CB #31A STA. 134+87.5, 23.0' LT.																		/											
CB #32 STA. 134+87.5, 15.9' RT.															/														FLAT TOP
CB #33 STA. 140+00.0, 15.9' RT.															/														FLAT TOP
CULVERT PIPES																													
CB# 4 TO CB #6								12"	72'																				
CB #6 TO CB #7								12"	66'																				
CB #7 TO CB #9								12"	111'																				
CB #8 TO CB #9								12"	10'																				
CB #10 TO CB #10A								18"	161'																				
CB #10A TO STA. 13+41.50								18"	156'																				
CB #14 TO CB #15								12"	37'																				
CB #15 TO CB #16								12"	45'																				
CB #17A TO CB #17B								12"	8'																				
CB #21 TO OUTLET								24"	166'																				
CB #22A TO EXISTING								12"	3'																				
CB #27 TO CB #27A								12"	12'																				
CB #31A TO CB #31								12"	4'																				
CB #31A TO EXISTING OCS PIPE								12"	16'																				
CB #32 TO STA. 134+91.7, 192.1' RT.								18"	173'																				
CB #33 TO STA. 140+00, 41.3' RT.								18"	24'																				
REINFORCED CONCRETE PIPE																													
CB #3 TO CB #8	15"	58'	III																										
CB #12 TO CB #14	12"	94'	III																										
CB #15 TO CB #17	12"	50'	III																										
CB #22 TO CB #21	24"	36'	III																										
CB #23A TO CB #25	12"	55'	III																										
CB #25 TO CB #25A	12"	34'	III																										
CB #31 TO CB #32	18"	28'	III																										
STA. 140+00, 32.2' LT. TO CB #33	18"	46'	III																										
DRIVEWAY CULVERTS																													
STA. 115+48, 32.6' LT. TO STA. 115+74, 32.6' LT.						15"	26'																						
STA. 117+65, 32.0' LT. TO STA. 118+03, 33.0' LT.						15"	38'																						

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
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FIELD CHANGES			

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FRYEBURG
US ROUTE 302

DRAINAGE SHEET

SHEET NUMBER

9

OF 124

Filename: ...\MSTA_Drainage_Summary.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STATION	CULVERT PIPE											CATCH BASIN/ MANHOLE									UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			TYPE D TRIPLE WALL POLYPROPYLENE CULVERT PIPE (PPP)		OPTION I		OPTION III													TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED											TYPE B	OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	A5-C	B1	B1-C	B5	F5	F5-C	F6	BEHIND CURB	LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
UNDERDRAIN																												
STA. 78+88, 38.9' RT. TO CB#2																					232'							
STA. 79+89, 37.1' LT. TO 78+94, 19.9' LT																					101'							
STA. 79+92, 38.9' LT. TO CB #4																					45'							
STA. 80+60, 19.9' LT. TO CB #8																					238'							
CB #2 TO CB #3																							12"	148'	12"	148'		
CB #8 TO CB #10																							18"	96'	18"	96'		
CB #10 TO CB #17																							15"	119'	15"	119'		
STA. 82+96, 25.9' RT. TO CB #12																					72'							
CB #16 TO STA. 87+06, 38.5' RT.																					154'							
CB #17 TO CB #17B																							12"	149'	12"	149'		
CB #17B TO STA. 87+31, 19.9' LT.																					56'							
STA. 87+44, 19.9' RT. TO CB #18																					151'							
STA. 87+44, 19.9' LT. TO CB #19																					505'							
CB #18 TO CB #20																							12"	349'	12"	349'		
CB #19 TO CB #21																							12"	746'	12"	746'		
CB #20 TO CB #22A																							12"	397'	12"	397'		
CB #21 TO CB #23																							12"	507'	12"	507'		
CB #22 TO CB #24A																							15"	546'	12"	546'		
CB #22A TO CB #22																							15"	346'	15"	346'		
CB #23 TO CB #23A																							12"	262'	12"	262'		
CB #24 TO CB #25A																							12"	53'	12"	53'		
CB #24 TO STA. 1004+76, 18.9' RT.																					80'							
CB #24A TO CB #27																							12"	230'	12"	230'		
STA. 107+18, 19.9' LT. TO CB #26																					81'							
CB #25 TO CB #26																							12"	53'	12"	53'		
CB #25A TO STA. 108+81, 19.9' LT.																					99'							
CB #27 TO STA. 111+46, 16.0' RT.																					334'							
STA. 122+00, 15.9' LT. TO STA. 131+14, 15.9' LT.																					912'							
STA. 131+18, 15.9' LT. TO CB #29																					233'							
STA. 132+54, 15.9' RT. TO CB #30																					93'							
CB #29 TO CB #31																							12"	131'	12"	131'		
CB #30 TO CB #32																							12"	136'	12"	136'		
CB #31 TO STA. 137+00, 15.9' LT.																					211'							
CB #32 TO STA. 139+94, 15.9' RT.																					505'							
CB #33 TO STA. 143+47, 15.9' RT.																					345'							

Filename: ...\MSTA_Drainage_Summary.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

DRAINAGE SHEET

SHEET NUMBER

10

OF 124

Filename: ...\HIGHWAY\MSTA_GeneralNotes.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

GENERAL NOTES:

1. CLEARING LIMITS SHALL BE 5' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.

2. THE CLEARING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.

3. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.

4. GRUBBING IN FILL AREAS HAVE 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.

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

6. 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.

7. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.

8. EXISTING INSLOPES IN PROPOSED FILL AREAS SHALL BE BENCHED BY EXCAVATING STEPS OF SUFFICIENT WIDTH TO PERMIT PLACING AND COMPACTING THE FILL MATERIAL ALONG WITH THE MATERIAL REMOVED.

9. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" HOT MIX ASPHALT AND 12"AGGREGATE SUBBASE COURSE GRAVEL.

10. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3" HOT MIX ASPHALT AND 11" AGGREGATE SUBBASE COURSE GRAVEL.

11. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE - GRAVEL OR 11" AGGREGATE SUBBASE COURSE GRAVEL AND 3" UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

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

13. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE-GRAVEL AND 2" HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

14. ALL CONCRETE WALKS TO BE CONSTRUCTED WITH 10" AGGREGATE SUBBASE COURSE-GRAVEL AND 4" CONCRETE SIDEWALK UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

15. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS. THIS INCLUDES KILLING AND REMOVAL OF VEGETATIVE MATTER.

16. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.

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

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

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

20. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

21. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6" TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL.

22. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 604, MANHOLES, INLETS AND CATCH BASINS.

23. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 603, PIPE CULVERTS AND STORM DRAINS OR STANDARD SPECIFICATIONS SECTION 605, UNDERDRAINS.

24. A 3 FT X 3 FT SQUARE RIPRAP PAD WITH 1.5 FT DEPTH SHALL BE CONSTRUCTED AT UNDERDRAIN OUTLETS.

25. FRYEBURG WATER COMPANY WILL BE REPLACING A WATER MAIN FROM STA. 79+40 TO STA. 109+00. REFER TO SPECIAL PROVISIONS FOR THIS WORK. EXISTING WATER MAIN TO BE ABANDONED SHALL BE PLUGGED WITH FLOWABLE FILL AND PAID FOR UNDER ITEM 602.30 FLOWABLE CONCRETE FILL. EXISTING WATER MAIN TO BE REMOVED DUE TO CONFLICT WITH INSTALLATION OF NEW DRAINAGE SYSTEM SHALL BE PAID FOR UNDER ITEM 827.364 ASBESTOS CEMENT PIPE DISPOSAL. CONTRACTOR SHALL COORDINATE WITH RESIDENT FOR LIMITS OF WATER MAIN TO REMAIN IN PLACE AND WATER MAIN TO BE REMOVED.

26. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356, UNDERDRAIN DELINEATOR POST) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

27. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH END OF A RUN OF BITUMINOUS CURB.

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

29. IN AREAS WHERE CURB TYPE I 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 I).

30. UNLESS OTHERWISE NOTED, SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL OTHER AREAS.

31. 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.

32. 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.

33. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

34. CONTRACTOR SHALL INSTALL NEW MAILBOX POSTS AS REQUIRED FOR THE PROJECT. LOCATION OF NEW MAILBOX POSTS SHALL BE COORDINATED WITH THE RESIDENT AND SPECIFIC PROPERTY OWNERS.

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

36. 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 BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.

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

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

39. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

40. REMOVAL OF MISCELLANEOUS ITEMS AS IDENTIFIED IN THE PLAN SET OR AS DIRECTED BY THE RESIDENT INCLUDING WELLS, BUSHES, ROCK WALLS, FOUNDATION REMAINS, MISCELLANEOUS CONCRETE, BOULDERS, AND PERSONAL PROPERTY ITEMS IS INCIDENTAL TO ITEM 203.20 COMMON EXCAVATION.

41. EXISTING PAVEMENT AND GRAVEL WITHIN THE LIMITS OF CONSTRUCTION MUST BE REMOVED AND WILL BE PAID UNDER ITEM 203.20 COMMON EXCAVATION.

42. PAVEMENT CUT LINES SHALL BE NEAT, CLEAN, AND STRAIGHT AS DIRECTED BY THE RESIDENT. PAYMENT FOR CUTTING OF EXISTING PAVEMENT SHALL BE INCIDENTAL TO ITEM 403.

43. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THIS PLAN SET IS FOR THE USE OF THE BIDDERS AND THE CONTRACTOR. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF ACTUAL SUBSURFACE CONDITIONS AT THE CONSTRUCTION SITE. MAINEDOT SHALL NOT BE RESPONSIBLE FOR THE BIDDER'S OR CONTRACTOR'S INTERPRETATIONS OF OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS CONTAINED IN THE PLAN SET PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.

44. EROSION CONTROL MIX SHALL BE USED IN PLACE OF MULCH ON 2:1 BACK SLOPES.

45. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING OPERATIONAL BUSINESS DIRECTIONAL SIGNS (OBDS) TO ENSURE THAT THEY ARE VISIBLE TO THE TRAVELING PUBLIC. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

46. STUMP REMOVAL HAS BEEN ESTIMATED UNDER STANDARD SPECIFICATIONS ITEM 201.24, REMOVE STUMP. HOWEVER, WHERE DIRECTED BY THE RESIDENT, STANDARD SPECIFICATIONS ITEM 631.20, STUMP CHIPPER RENTAL (INCLUDING OPERATOR) MAY BE USED TO REMOVE STUMPS.

47. PRIOR TO SURFACE PAVING, EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER STANDARD SPECIFICATIONS ITEM 631.32, CULVERT CLEANER (INCLUDING OPERATOR).

48. WHITE PAVEMENT/CURB MARKING (STANDARD SPECIFICATIONS ITEM 627.75, WHITE OR YELLOW PAVEMENT & CURB MARKING) SHALL BE APPLIED TO ALL ISLAND TAPERED ENDS.

49. 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.

50. WHERE 4 FT SECTIONS OF RCP ARE NECESSARY, THEY SHALL BE CAST SECTIONS PLACED IN THE MIDDLE THIRD OF THE PIPE.

51. ALL DITCHES NOT OTHERWISE TREATED SHALL HAVE ITEM 613.319 - EROSION CONTROL BLANKET.

52. ALL PROPOSED PERMANENT SIGN LOCATIONS SHALL BE APPROVED BY THE REGIONAL TRAFFIC ENGINEER.

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

54. ALL DITCH ELEVATIONS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISHED DITCH FLOW LINE.

55. THE LOCATION OF THE EXISTING UTILITIES AND DRAINAGE SHOWN ON THE PLANS AND CROSS SECTIONS WERE COMPILED FROM FIELD SURVEY AND VARIOUS OTHER SOURCES. LOCATIONS ARE APPROXIMATE AND NOT GUARANTEED TO BE ACCURATE NOR IS IT GUARANTEED THAT ALL UTILITIES ARE SHOWN. NO SEPARATE OR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR DUE TO ANY VARIANCE BETWEEN THE DATA SHOWN ON THE PLANS AND THE ACTUAL FIELD CONDITIONS.

56. CATCH BASIN AND RIM ELEVATIONS (INCL "BEHIND CURB CATCH BASINS") NOTED ON THE CROSS SECTIONS ARE THE TOP OF GRATE ELEVATIONS AT THE CENTER OF GRATE. CATCH BASIN OFFSET LOCATIONS ARE MEASURED TO CENTER OF GRATE.

57. THE CONTRACTOR SHALL PLAN AND CONDUCT THEIR WORK ACCORDINGLY SO THAT UPON FINAL COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF SHOULDER PAVEMENT.

58. STUMP REMOVAL HAS BEEN ESTIMATED UNDER STANDARD SPECIFICATIONS ITEM 201.24, REMOVE STUMP. HOWEVER, WHERE DIRECTED BY THE RESIDENT, STANDARD SPECIFICATIONS ITEM 631.20, STUMP CHIPPER RENTAL (INCLUDING OPERATOR) MAY BE USED TO REMOVE STUMPS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

GENERAL NOTES

SHEET NUMBER

11

OF 124

ITEM 201.11 CLEARING

STA. 109+23.9 LT. TO STA. 110+16.0 LT.
STA. 111+25.3 LT. TO STA. 112+90.3 LT.
STA. 113+64.8 LT. TO STA. 114+54.2 LT.
STA. 139+70.5 LT. TO STA. 144+57.9 LT.
STA. 139+88.0 RT. TO STA. 140+07.6 RT.
STA. 143+40.3 RT. TO STA. 143+54.2 RT.

ITEM 201.23 REMOVING SINGLE TREE-TOP ONLY

STATIONING	DESCRIPTION
STA. 79+27, 46' RT.	20" UNKNOWN
STA. 104+18, 33' LT.	15" MAPLE
STA. 134+66, 24' RT.	24" RED PINE
STA. 134+80, 28' RT.	20" RED PINE

ITEM 201.24 REMOVING STUMP

STATION	OFFSET	DESCRIPTION
STA. 79+27.00	46' RT.	20" UNKNOWN
STA. 104+18.00	33' LT.	15" MAPLE
STA. 134+66.00	24' RT.	24" RED PINE
STA. 134+80.00	28' RT.	20" RED PINE

NON-PAY TREES

STATIONING	DESCRIPTION
STA. 79+06, 47' RT.	6" MAPLE
STA. 95+91, 27' LT.	CLUMP - 10 3" MAPLE
STA. 133+58, 31' RT.	6" SPRUCE
STA. 143+52, 32' RT.	2" PINE
STA. 143+53, 31' RT.	1" PINE
STA. 143+56, 27' RT.	2" PINE

ITEM 202.15 REMOVING EXISTING MANHOLE OR CATCH BASIN

STATION	OFFSET	QUANTITY
STA. 81+22	37' RT.	1
STA. 81+33	32' LT.	1
STA. 82+01	38' RT.	1
STA. 83+22	36' RT.	1
STA. 83+39	32' LT.	1
STA. 84+56	27' RT.	1
STA. 85+70	26' RT.	1
STA. 88+66	26' LT.	1
STA. 88+92	24' RT.	1
STA. 91+68	26' LT.	1
STA. 91+92	24' RT.	1
STA. 96+50	24' RT.	1
STA. 97+24	23' RT.	1
STA. 97+26	25' LT.	1
STA. 99+65	22' RT.	1
STA. 99+96	26' LT.	1
STA. 103+18	25' LT.	1
STA. 103+38	25' RT.	1
STA. 108+27	27' RT.	1
STA. 134+88	19' LT.	1
STA. 134+88	19' RT.	1

ITEM 608.26 CURB RAMP DETECTABLE WARNING FIELD

STATION	OFFSET	AREA (SF)
STA. 79+68	RT.	19
STA. 79+69	LT.	14
STA. 80+14	RT.	21
STA. 80+87	RT.	17
STA. 82+86	RT.	12
STA. 83+51	RT.	22
STA. 83+81	LT.	10
STA. 84+11	LT.	10
STA. 84+31	LT.	13
STA. 84+52	RT.	19
STA. 86+26	RT.	17
STA. 89+25	RT.	11
STA. 89+56	RT.	10
STA. 96+68	RT.	11
STA. 97+01	RT.	10
STA. 99+76	LT.	11
STA. 99+78	RT.	10
STA. 104+25	RT.	10
STA. 104+25	LT.	10
STA. 122+47	RT.	10
STA. 123+04	RT.	22
STA. 124+23	RT.	12
STA. 124+80	RT.	18
STA. 143+56	RT.	27

ITEM 610.08 PLAIN RIPRAP

STATION	OFFSET	DESCRIPTION
STA. 13+50	RT./LT.	OUTLET
STA. 31+92	RT./LT.	OUTLET
STA. 118+03	LT.	CULVERT OUTLET
STA. 140+00.0	RT.	CULVERT OUTLET
STA. 140+00.0	LT.	CULVERT INLET

ITEM 610.18 STONE DITCH PROTECTION

STATION	OFFSET	DESCRIPTION
STA. 114+72 TO 115+48	LT.	DITCH
STA. 115+74 TO 117+65	LT.	DITCH
STA. 137+16 TO 138+50	LT.	DITCH

ITEM 613.319 EROSION CONTROL BLANKET

STATION	OFFSET	DESCRIPTION
STA. 80+96 TO STA. 81+15	LT.	DITCH
STA. 81+15 TO STA. 81+34	LT.	DITCH
STA. 81+70 TO STA. 81+85	LT.	DITCH
STA. 81+85 TO STA. 81+99	LT.	DITCH
STA. 82+73 TO STA. 83+10	LT.	DITCH
STA. 83+10 TO STA. 83+34	LT.	DITCH
STA. 84+60 TO STA. 85+23	LT.	DITCH
STA. 115+74 TO STA. 117+65	LT.	DITCH
STA. 118+03 TO STA. 119+26	LT.	DITCH
STA. 139+73 TO STA. 139+99	LT.	DITCH
STA. 140+00 TO STA. 144+53	LT.	DITCH
STA. 139+65 TO STA. 144+54	LT.	2:1 SLOPE AREA

WALKWAYS

STATIONING	TYPE
STA. 80+21.6 LT.	CONCRETE
STA. 80+69.7 RT.	CONCRETE
STA. 81+08.2 RT.	CONCRETE
STA. 83+56.2 LT.	PAVED
STA. 84+71.7 RT.	CONCRETE
STA. 85+10.7 RT.	CONCRETE
STA. 86+34.1 RT.	CONCRETE
STA. 86+74.6 RT.	CONCRETE
STA. 97+08.91 RT.	CONCRETE
STA. 99+68.51 LT.	PAVED
STA. 99+75.86 LT.	PAVED
STA. 99+77.88 RT.	CONCRETE
STA. 104+25.06 LT.	PAVED

ITEM 604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET	QUANTITY
STA. 127+03	24.8' RT.	1
STA. 128+54	26.3' RT.	1
STA. 131+04	22.5' RT.	1

DRIVES AND ENTRANCES

LOCATION	TYPE	WIDTH (LF)
STA. 80+50.00 RT.	COMMERCIAL PAVED	14.0
STA. 80+83.82 LT.	COMMERCIAL PAVED	26.0
STA. 81+50.00 LT.	COMMERCIAL PAVED	30.0
STA. 81+90.91 RT.	COMMERCIAL PAVED	25.2
STA. 82+21.60 LT.	COMMERCIAL PAVED	26.0
STA. 82+50.00 LT.	COMMERCIAL PAVED	26.0
STA. 83+26.27 RT.	COMMERCIAL PAVED	24.3
STA. 84+00.00 LT.	COMMERCIAL PAVED	47.8
STA. 84+50.00 LT.	COMMERCIAL PAVED	24.9
STA. 85+50.00 LT.	GRAVEL	33.0
STA. 85+90.66 LT.	GRAVEL	25.0
STA. 85+90.66 RT.	COMMERCIAL PAVED	15.2
STA. 86+50.00 LT.	GRAVEL	20.0
STA. 87+38.76 RT.	RESIDENTIAL PAVED	19.6
STA. 87+85.91 LT.	RESIDENTIAL PAVED	20.0
STA. 89+04.33 LT.	RESIDENTIAL PAVED	22.0
STA. 89+50.00 LT.	RESIDENTIAL PAVED	24.0
STA. 90+86.81 LT.	RESIDENTIAL PAVED	25.0
STA. 92+79.09 LT.	COMMERCIAL PAVED	28.0
STA. 92+92.88 RT.	RESIDENTIAL PAVED	21.0
STA. 93+50.00 RT.	RESIDENTIAL PAVED	22.0
STA. 94+69.54 RT.	RESIDENTIAL PAVED	20.0
STA. 97+38.67 RT.	COMMERCIAL PAVED	30.0
STA. 97+50.00 LT.	COMMERCIAL PAVED	25.0
STA. 98+40.81 RT.	COMMERCIAL PAVED	27.0
STA. 98+81.04 RT.	COMMERCIAL PAVED	25.0
STA. 99+25.56 LT.	COMMERCIAL PAVED	41.0
STA. 100+36.22 LT.	COMMERCIAL PAVED	35.0
STA. 100+47.01 RT.	COMMERCIAL PAVED	42.0
STA. 102+55.92 LT.	GRAVEL	20.0
STA. 103+61.56 RT.	COMMERCIAL PAVED	48.0
STA. 108+91.88 LT.	RESIDENTIAL PAVED	33.0
STA. 109+50.00 RT.	GRAVEL	20.0
STA. 111+82.15 RT.	COMMERCIAL PAVED	46.0
STA. 113+79.08 RT.	COMMERCIAL PAVED	46.0
STA. 115+61.00 LT.	COMMERCIAL PAVED	46.0
STA. 117+84.21 LT.	COMMERCIAL PAVED	54.0
STA. 118+16.92 RT.	COMMERCIAL PAVED	46.0
STA. 124+50.00 LT.	GRAVEL	55.1
STA. 125+50.00 LT.	GRAVEL	89.2
STA. 129+73.48 LT.	COMMERCIAL PAVED	147.2
STA. 131+66.15 RT.	RESIDENTIAL PAVED	62.5
STA. 132+14.86 LT.	GRAVEL	76.5
STA. 132+25.15 RT.	RESIDENTIAL PAVED	52.5
STA. 133+67.45 RT.	GRAVEL	20.0
STA. 134+32.11 RT.	GRAVEL	23.0
STA. 134+41.36 LT.	GRAVEL	22.0
STA. 135+29.66 RT.	COMMERCIAL PAVED	75.9
STA. 135+75.00 LT.	COMMERCIAL PAVED	49.9
STA. 137+24.46 RT.	COMMERCIAL PAVED	81.3
STA. 138+15.93 RT.	COMMERCIAL PAVED	42.0
STA. 139+00.00 LT.	COMMERCIAL PAVED	109.6
STA. 139+50.00 LT.	GRAVEL	41.0
STA. 140+50.00 RT.	GRAVEL	42.0
STA. 821+00.00 LT.	COMMERCIAL PAVED	20.0
STA. 901+00.00 RT.	COMMERCIAL PAVED	50.1
STA. 940+36.03. LT.	GRAVEL	43.8
STA. 941+09.45 LT.	COMMERCIAL PAVED	52.3
STA. 1001+62.03 LT.	RESIDENTIAL PAVED/GRAVEL	20.0
STA. 1004+15.23 RT.	RESIDENTIAL PAVED	23.5

Filename: ...\MSTA_ConstructionNotes1.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	07\2020
P. POTTLE	LEM	
L. MEEK	THG	
T. GLEESON		

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

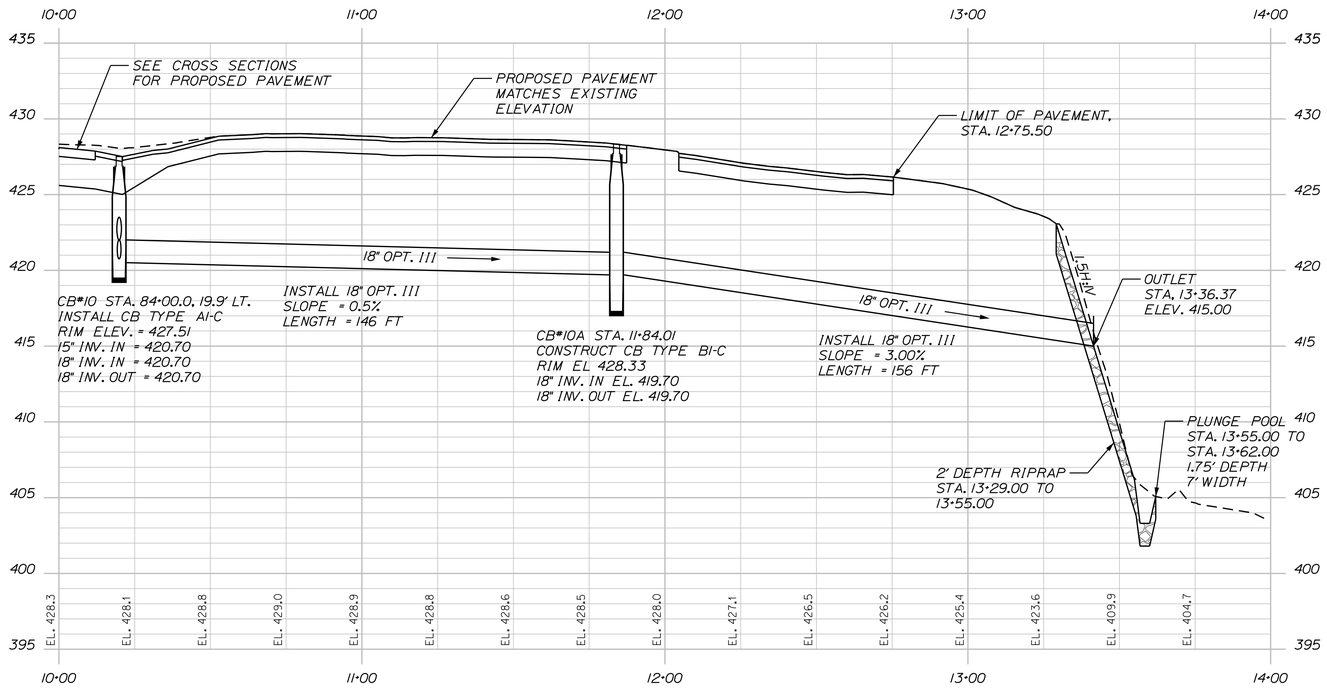
FRYEBURG
US ROUTE 302

CONSTRUCTION NOTES

SHEET NUMBER

12

OF 124

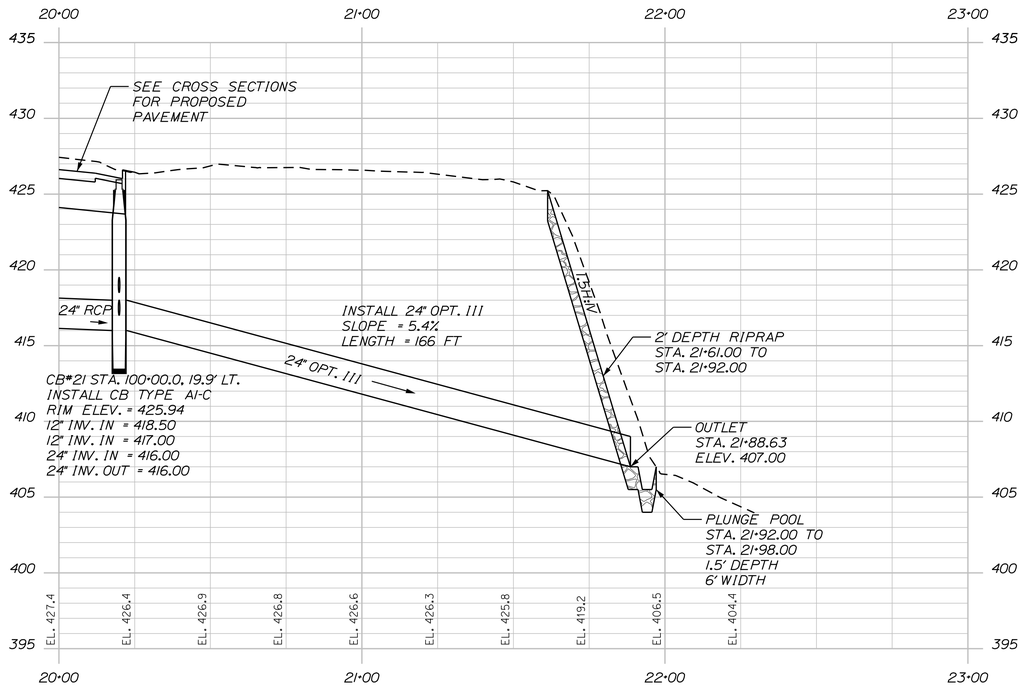


DRAINAGE OUTLET #1 (STA. 84+00 LEFT) PROFILE

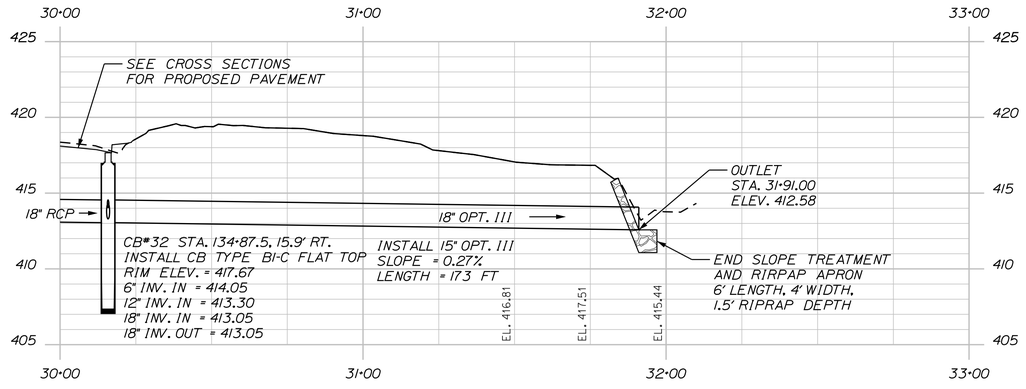
SCALE OF FEET

PLAN 25 0 25 50 PROFILE HORIZONTAL

5 0 5 10 PROFILE VERTICAL



DRAINAGE OUTLET #2 (STA. 100+00 LEFT) PROFILE



DRAINAGE OUTLET #3 (STA. 134+87.50 RIGHT) PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

DRAINAGE DETAILS

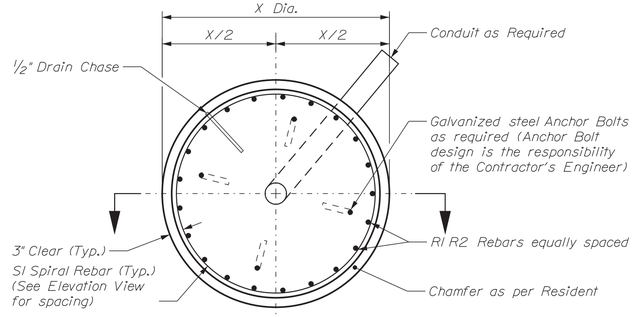
SHEET NUMBER

13

OF 124

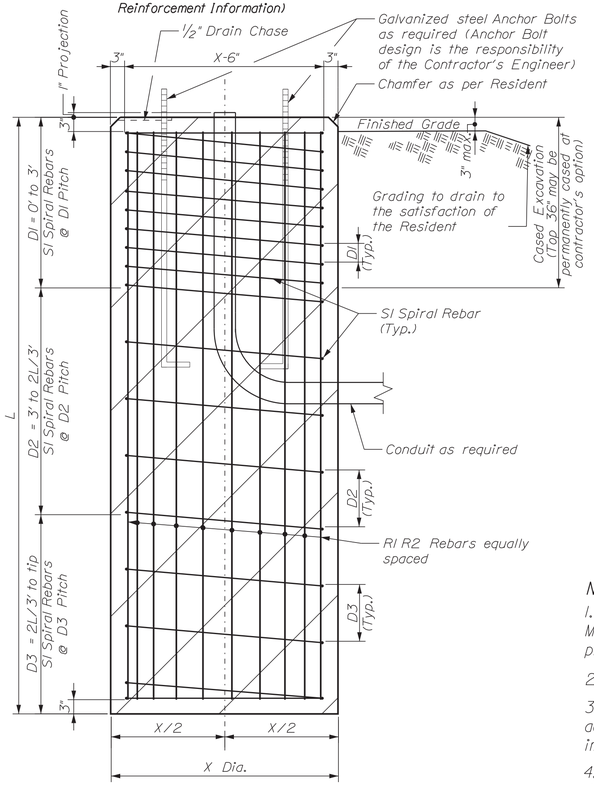
Filename: ..._Profile_Drainage_Outlets.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\MSTA\014_MAF&BLP WBL1.dgn Division: GEOTECH Username: Cody.A.Russell Date:7/2/2020



Drilled Shaft Plan View

Not to Scale (See Table for Drilled Shaft & Reinforcement Information)



Drilled Shaft Elevation View

Not to Scale (See Table for Drilled Shaft & Reinforcement Information)

MAST ARMS A, D, F & K

(A) Sta. 83+48.65, 42.97' Rt.
(D) Sta. 84+66.66, 31.66' Rt.
(F) Sta. 84+29.43, 40.93' Lt.
(K) Sta. 83+73.43, 25.00' Lt.

Mast Arm	Approximate Station & Offset	X Diameter (feet)	L Length (feet)	R1 Longitudinal Rebars Quantity	R2 Longitudinal Rebars Size	S1 Spiral Rebars Size	Spiral Bar Spacing D1 (in) 0 to 3 ft	Spiral Bar Spacing D2 (in) 3 ft to 2L/3 ft	Spiral Bar Spacing D3 (in) 2L/3 ft to tip
A	Sta. 83+48.65, 42.97' R	4.0	14.5	21	#9	#5	4	4	12
D	Sta. 84+66.66, 31.66' R	3.5	11.5	18	#9	#5	4	4	12
F	Sta. 84+29.43, 40.93' L	3.5	10.5	18	#9	#5	4	4	12
K	Sta. 83+73.43, 25.00' L	3.5	10.5	18	#9	#5	4	4	12

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

Project: Replace Traffic Signal Mast Arm Poles Intersection Routes 302/113
Location: Fryeburg, Maine
Boring No.: HB-FRYE-601
WIN: 17280.10

Drilling Contractor: NEBC	Elevation (ft.): 428.3	Auger ID/OD:	2.25" ID
Operator: W. Parker	Datum: NAVD88	Sampler:	Standard Split Spoon
Logged By: K. Russ	Rig Type: Mobile B47	Hammer Wt./Fall:	140#/30"
Date Start/Finish: 8/15/2017 1 07:00-09:00	Drilling Methods: Hollow Stem Auger	Core Barrel:	N/A
Boring Location: 83+53, 48.6 ft Rt.	Casing ID/OD: N/A	Water Level*:	19.2 ft bgs.

Definitions: S = Split Spoon Sample; S = Sample off Auger Flights; B = Bucket Sample off Auger Flights; MS = Unsuccessful Split Spoon Sample Attempt; U = Thin Wall Tube Sample; MU = Unsuccessful Thin Wall Tube Sample Attempt; R = Rock Core Sample; SSA = Solid Stem Auger; HSA = Hollow Stem Auger; RC = Roller Cone; MV = Unsuccessful Field Vane Shear Test Attempt; V = Field Vane Shear Test; PM = Pocket Penetrometer; WOH = Weight of Hammer; WOR = Weight of Rods or Casing; WOP = Weight of Person; S_u = Peak/Remolded Field Vane Undrained Shear Strength (psf); $S_{u(lab)}$ = Lab Vane Undrained Shear Strength (psf); q_u = Unconfined Compressive Strength (ksf); N-value = Raw Field SPT N-value; T_v = Pocket Torvane Shear Strength (psf); W = Water Content, percent; LL = Liquid Limit; PL = Plastic Limit; PI = Plasticity Index; G = Grain Size Analysis; C = Consolidation Test

Sample Information: Depth (ft.)	Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (#s in) Shear Strength (psf) AASHTO (%)	N-value	Drilling Stratum	Elevation (ft.)	Graphic Log	Visual Description and Remarks	Laboratory Testing Results/ AASHTO and Unified Class
						MSA	428.1		2.5" HMA (Sidewalk)	
									0.2	
	1D	24/17	1.00 - 3.00	6/4/8/10	12				Brown, dry, medium dense, fine to medium SAND, poorly-graded, (Fill).	
	2D	24/17	3.00 - 5.00	3/3/3/3	6				Brown, dry, loose, fine to medium SAND, poorly-graded.	
5	3D	24/18	5.00 - 7.00	2/2/2/1	4				Brown, moist, very loose, fine to medium SAND, poorly-graded, (Fill).	
	4D/4	24/16	7.00 - 9.00	2/2/3/5	5				4D (7.0-8.3 ft) Brown to dark brown, moist, loose, fine to medium SAND, poorly-graded.	
							420.0		8.3	
	5D	24/22	9.00 - 11.00	4/6/7/8	13				4D/4 (8.3-9.0 ft) Light brown, moist, loose, fine SAND, poorly-graded, discoloring of soils indicating depositional features. Light grey to light brown, moist, medium dense, fine SAND, trace silt, poorly-graded, frequent 1/8-in to 1/16-in laminae.	
10	6D	24/21	11.00 - 13.00	7/8/8/9	16				Similar to 5D, except light grey and little silt, (Alluvial Deposit).	
15	7D	24/19	15.00 - 17.00	5/7/6/8	13				Light grey to light brown, wet at 16.5 ft bgs, medium dense, fine SAND, little silt, poorly-graded, frequent 1/8-in to 1/16-in silt laminae, (Alluvial Deposit).	
20	8DAB	24/16	20.00 - 22.00	3/3/4/6	7				Light brown, wet, loose, fine SAND, little silt, poorly-graded, frequent 1/16-in silt laminae, petroleum-like odor. Note: 8D sample is upper portion of spoon; 8D/A is below that, and 8D/B is the lowest portion of spoon.	
							406.3		PID Readings: 8D = 75.1 ppm; 8D/A = 24.0 ppm; 8D/B = 0 ppm	
									22.0	
25									Bottom of Exploration at 22.0 feet below ground surface. NO REFUSAL	

Remarks:
PID=Photoionization Detector
ppm=parts per million

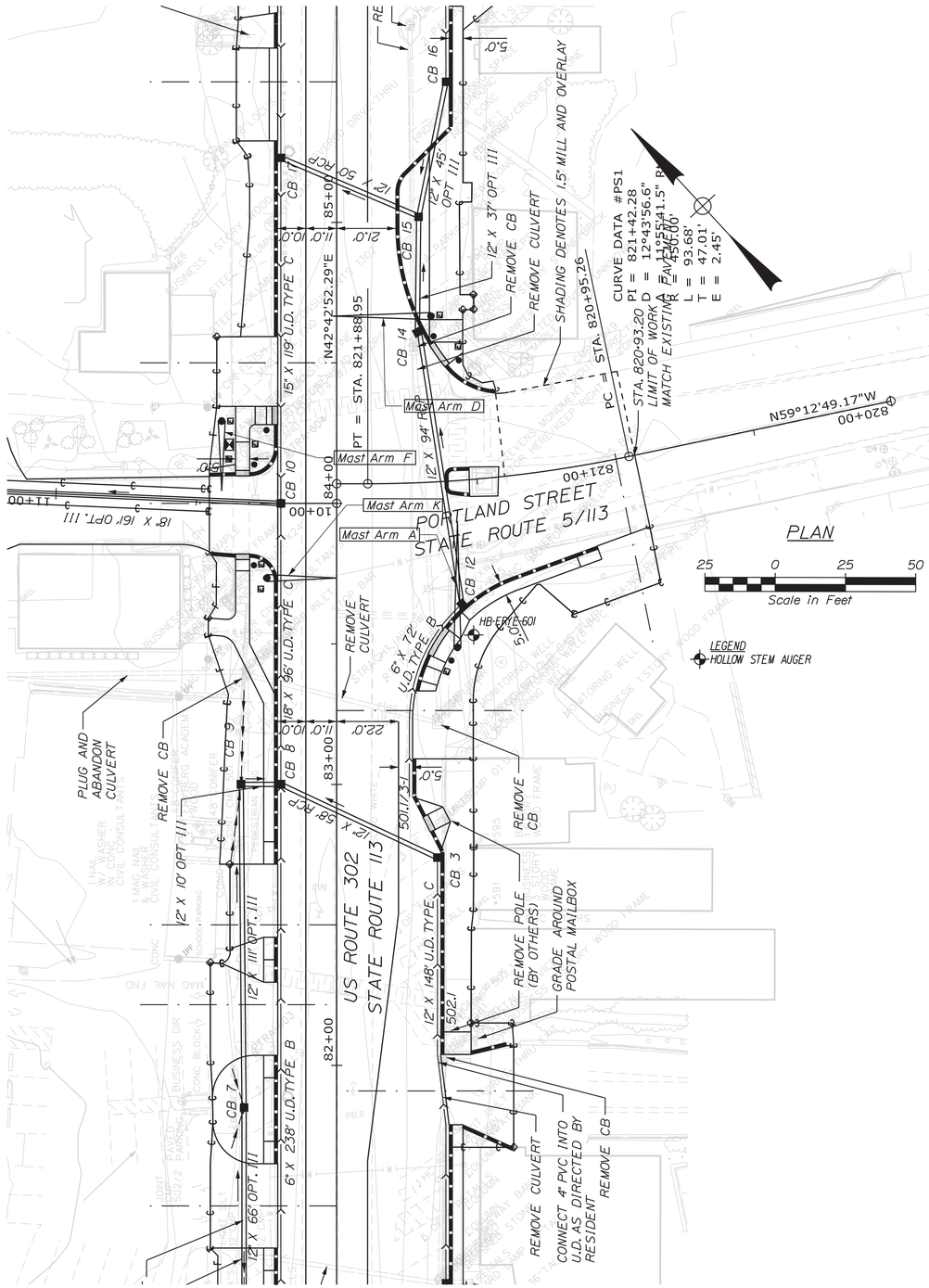
Stratification lines represent approximate boundaries between soil types; transitions may be gradual.

* 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-FRYE-601

NOTES:

1. All reinforcing steel is to be grade 60 and conform to MaineDOT Standard Specification requirements along with any project specific Supplementals or Special Provisions.
2. All rebar shall have 3" cover unless otherwise noted.
3. Should there be a discrepancy between these Details and actual observed field conditions report it to the Resident immediately.
4. Do not proceed with dependent work until any such discrepancy is resolved to the satisfaction of the Resident.
5. Concrete to be Class LP with f'c = 5,000 PSI.



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NHPP-1728(010)

WIN
17280.01

HIGHWAY PLANS

STATE OF MAINE ★ Kathleen Maguire ★ 7120 ★ LICENSED PROFESSIONAL ENGINEER

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED		
CHECKED-REVIEWED	K. MAGUIRE	April 2020
DESIGN2-DETAILED2	T. WHITE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
7120

P.E. NUMBER
7/2/2020

DATE

FRYEBURG
US ROUTE 302

MAST ARM FOUNDATION & BORING LOCATION PLAN WITH BORING LOG

SHEET NUMBER
14
OF 124

PLAN LEGEND

- CONTROLLER CABINET WITH FOUNDATION
- MAST ARM & STEEL POLE ON FOUNDATION
- VEHICULAR SIGNAL HEAD
- PEDESTRIAN POLE
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- SIGN
- VEHICLE DETECTION CAMERA
- JUNCTION BOX
- CONDUIT
- VIDEO DETECTION ZONE

SIGNAL HEAD DATA

HEADS: A1,A2, B1,B2,B3 C1,C2,C3, D1,D2,D3

HEADS: P1-P6

16"x16" LED PEDESTRIAN SIGNAL

ALL 12" LED LENS WITH 5" LOUVERED BACKPLATES AND 2" RETROREFLECTIVE BORDER

PROPOSED SIGNS

SIGN INFORMATION ON APS PUSH BUTTON R10-R3e 9"x15"

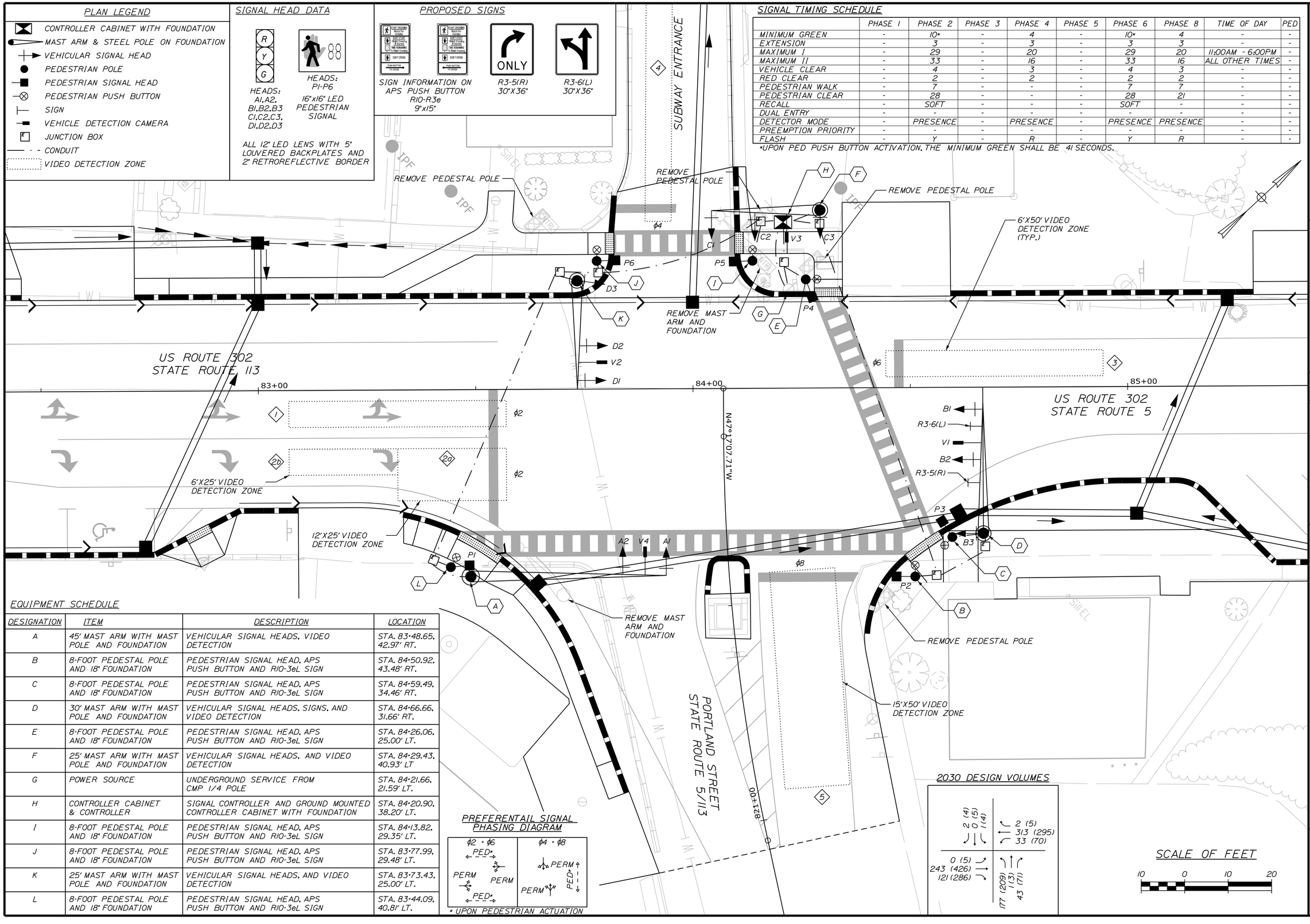
R3-5(R) 30"X36"

R3-6(L) 30"X36"

SIGNAL TIMING SCHEDULE

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 8	TIME OF DAY	PED
MINIMUM GREEN	-	10*	-	4	-	10*	4	-	-
EXTENSION	-	3	-	3	-	3	3	-	-
MAXIMUM I	-	29	-	20	-	29	20	11:00AM - 6:00PM	-
MAXIMUM II	-	33	-	16	-	33	16	ALL OTHER TIMES	-
VEHICLE CLEAR	-	4	-	3	-	4	3	-	-
RED CLEAR	-	2	-	2	-	2	2	-	-
PEDESTRIAN WALK	-	7	-	-	-	7	7	-	-
PEDESTRIAN CLEAR	-	28	-	-	-	28	21	-	-
RECALL	-	SOFT	-	-	-	SOFT	-	-	-
DUAL ENTRY	-	-	-	-	-	-	-	-	-
DETECTOR MODE	-	PRESENCE	-	PRESENCE	-	PRESENCE	PRESENCE	-	-
PREEMPTION PRIORITY	-	-	-	-	-	-	-	-	-
FLASH	-	Y	-	R	-	Y	R	-	-

*UPON PED PUSH BUTTON ACTIVATION. THE MINIMUM GREEN SHALL BE 41 SECONDS.



EQUIPMENT SCHEDULE

DESIGNATION	ITEM	DESCRIPTION	LOCATION
A	45' MAST ARM WITH MAST POLE AND FOUNDATION	VEHICULAR SIGNAL HEADS, VIDEO DETECTION	STA. 83+48.65, 42.97' RT.
B	8-FOOT PEDESTAL POLE AND 18" FOUNDATION	PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON AND R10-3eL SIGN	STA. 84+50.92, 43.48' RT.
C	8-FOOT PEDESTAL POLE AND 18" FOUNDATION	PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON AND R10-3eL SIGN	STA. 84+59.49, 34.46' RT.
D	30' MAST ARM WITH MAST POLE AND FOUNDATION	VEHICULAR SIGNAL HEADS, SIGNS, AND VIDEO DETECTION	STA. 84+66.66, 31.66' RT.
E	8-FOOT PEDESTAL POLE AND 18" FOUNDATION	PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON AND R10-3eL SIGN	STA. 84+26.06, 25.00' LT.
F	25' MAST ARM WITH MAST POLE AND FOUNDATION	VEHICULAR SIGNAL HEADS, AND VIDEO DETECTION	STA. 84+29.43, 40.93' LT
G	POWER SOURCE	UNDERGROUND SERVICE FROM CMP 1/4 POLE	STA. 84+21.66, 21.59' LT.
H	CONTROLLER CABINET & CONTROLLER	SIGNAL CONTROLLER AND GROUND MOUNTED CONTROLLER CABINET WITH FOUNDATION	STA. 84+20.90, 38.20' LT.
I	8-FOOT PEDESTAL POLE AND 18" FOUNDATION	PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON AND R10-3eL SIGN	STA. 84+13.82, 29.35' LT.
J	8-FOOT PEDESTAL POLE AND 18" FOUNDATION	PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON AND R10-3eL SIGN	STA. 83+77.99, 29.48' LT.
K	25' MAST ARM WITH MAST POLE AND FOUNDATION	VEHICULAR SIGNAL HEADS, AND VIDEO DETECTION	STA. 83+73.43, 25.00' LT.
L	8-FOOT PEDESTAL POLE AND 18" FOUNDATION	PEDESTRIAN SIGNAL HEAD, APS PUSH BUTTON AND R10-3eL SIGN	STA. 83+44.09, 40.81' LT.

PREFERENTAIL SIGNAL PHASING DIAGRAM

*UPON PEDESTRIAN ACTUATION

2030 DESIGN VOLUMES

SCALE OF FEET

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

TRAFFIC SIGNAL PLAN

SHEET NUMBER

15

OF 124

Filename: ...\10\HIGHWAY\MSTA_TRPlan1.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_TRPlan2.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

TRAFFIC SIGNAL NOTES

1. ALL SIGNAL HEADS SHALL BE EQUIPPED WITH LED LENSES 12 INCHES IN DIAMETER WITH 5-INCH LOUVERED BACK PLATES AND 2-INCH RETROREFLECTIVE BACK PLATES.

2. ALL NEW SIGNAL HEADS SHALL BE FIX MOUNTED TO MAST ARMS WITH ASTROBRACKETS.

3. ALL SPLICES WILL BE MADE IN THE CABINET OR IN POLES AND SHALL MEET MAINEDOT SPECIFICATIONS.

4. THE BOTTOM OF THE HOUSING OF NEW SIGNAL FACES SHALL BE AT LEAST 16 FEET BUT NOT MORE THAN 19 FEET ABOVE THE PAVEMENT GRADE AS MEASURED AT THE HIGHPOINT OF THE ROADWAY.

5. THE CONTRACTOR SHALL MEET ALL UTILITY REQUIREMENTS FOR NEW SERVICE CONNECTIONS.

6. THE CONTRACTOR IS RESPONSIBLE FOR FINDING EXACT LOCATIONS OF UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT DIG-SAFE AND APPROPRIATE AUTHORITIES PRIOR TO ANY SURFACE ACTIVITIES.

7. ANY RELOCATIONS OR ADJUSTMENTS OF THE UTILITY FACILITIES WILL BE MADE BY THE RESPECTIVE UTILITIES IN COORDINATION WITH THE WORK OF THE CONTRACTOR.

8. THE LOCATIONS OF ALL EQUIPMENT SHOWN ARE APPROXIMATE. FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE RESIDENT.

9. TRAFFIC SIGNAL WORK SHALL BE COMPLETED IN A MANNER AND ORDER THAT WILL CAUSE THE MINIMUM DISRUPTION TO TRAFFIC AND WILL REQUIRE THE LEAST AMOUNT OF DOWNTIME TO THE EXISTING TRAFFIC SIGNAL OPERATIONS. EXISTING SIGNAL OPERATIONS SHALL REMAIN IN SERVICE UNTIL THE NEW SIGNAL CONTROLLER IS READY TO GO ONLINE. ANY POLICE DETAIL REQUIRED (AS DEEMED NECESSARY BY THE RESIDENT ENGINEER) WILL BE PAID FOR BY THE CONTRACTOR.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY OPENING PERMITS.

11. THE ENGINEER SHALL HAVE THE RIGHT AND AUTHORITY TO DETERMINE THE ACCEPTABILITY OF WORK AND MATERIALS IN PROGRESS OR COMPLETED AND SHALL HAVE THE RIGHT TO REJECT ANY WORK OR MATERIALS WHICH DO NOT CONFORM, IN ITS SOLE OPINION, TO THE PLANS OR SPECIFICATIONS.

12. ALL SIGNING, SIGNAL, AND STRIPING MATERIALS AND PLACEMENT SHALL CONFORM TO THE MAINEDOT STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD DETAILS, AND WITH THE FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD).

13. MAINTENANCE OF TRAFFIC SHALL BE PER MUTCD.

14. DRIVEWAY AND PEDESTRIAN ACCESSES SHALL BE MAINTAINED AT ALL TIMES.

15. ALL MATERIAL SCHEDULES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL PREPARE HIS OWN MATERIAL SCHEDULES BASED UPON HIS PLAN REVIEW. ALL SCHEDULES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR PERFORMING WORK.

16. ALL NON-PAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE LOAMED AND SEEDED WITH METHOD NO. 1, UNLESS OTHERWISE DIRECTED BY THE OWNER, AND THIS COST SHALL BE INCIDENTAL TO OTHER WORK ITEMS. ALL PAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

17. VIDEO DETECTION:
    - THE PROPOSED VIDEO DETECTION SYSTEM SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. A VIDEO MONITOR SHALL BE INSTALLED IN EACH CONTROLLER CABINET TO SET DETECTION ZONES.
    - AT LOCATIONS WHERE VIDEO DETECTORS ARE INSTALLED ON TRAFFIC SIGNAL MAST ARMS, AN INITIAL SIX-FOOT VERTICAL PIPE EXTENSION SHALL BE INSTALLED ON THE MAST ARM WITH THE VIDEO DETECTOR MOUNTED ON THE TOP OF THE EXTENSION PIPE. THE RESIDENT RESERVES THE RIGHT TO DIRECT THE CONTRACTOR TO FIELD ADJUST THE HEIGHT, EITHER LOWER OR HIGHER, OF THE VERTICAL EXTENSION PIPES FOR LOCAL CONDITIONS IDENTIFIED DURING OR AFTER CONSTRUCTION. NO ADDITIONAL COSTS WILL BE ALLOWED FOR FIELD ADJUSTING THE PIPE EXTENSIONS OR REWIRING. THE COST OF POLE RISERS SHALL BE INCIDENTAL TO 643 PAY ITEMS.

18. TRAFFIC STRUCTURES:
    - MAST ARMS SHALL BE GALVANIZED STEEL MEETING THE REQUIREMENTS OF SECTION 720.03

19. SYSTEM ACCEPTANCE TESTING:
    - IT IS EXPECTED THAT THE COMPLETE SYSTEM SHALL OPERATE FULLY FUNCTIONAL FOR A PERIOD OF 30 CONSECUTIVE DAYS WITHOUT MALFUNCTION. MINOR MALFUNCTIONS OF INOPERABILITY NOT THE FAULT OF THE CONTRACTOR, AS JUDGED BY THE ENGINEER, ARE NOT INCLUDED IN THE 30-DAY PERIOD. IF THE SYSTEM FAILS TO OPERATE AS INTENDED OR THE SUPPLIER'S CLAIMS, THE MALFUNCTION SHALL BE CORRECTED BY THE CONTRACTOR AS ITS COST AND A NEW 30-DAY TESTING PERIOD SHALL BEGIN. THIS PROCESS SHALL CONTINUE UNTIL A COMPLETELY OPERABLE SYSTEM IS DEMONSTRATED FOR A CONSECUTIVE 30-DAY PERIOD.
    - ACCEPTANCE TESTING MUST DEMONSTRATE TO THE ENGINEER'S REASONABLE SATISFACTION THAT THE HARDWARE AND LICENSED SOFTWARE FUNCTION IN ACCORDANCE WITH THE SPECIFICATIONS, REQUIREMENTS, THROUGH-PUTS, FUNCTIONALITIES, PERFORMANCE CRITERIA OR OTHER BENEFITS STATED IN DOCUMENTATION PROMOTIONAL MATERIALS, PROPOSALS, AND/OR DEMONSTRATIONS GIVEN TO THE MAINEDOT.

20. CONTRACTOR FURNISHED EQUIPMENT - THE TRAFFIC SIGNAL CONTROLLERS AND VARIOUS OTHER EQUIPMENT ITEMS SHOWN ON THE PLANS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. THE TRAFFIC SIGNAL CONTROLLERS SUPPLIED UNDER THIS CONTRACT SHALL BE ETHERNET EQUIPPED WITH THE CAPABILITY OF SUPPORTING NTCIP PROTOCOLS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING THE PROJECT WITH A WORKING AND FULLY CONFIGURED CONTROLLER. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EQUIPMENT TO INCLUDE VEHICLE TRAFFIC SIGNALS, PEDESTRIAN SIGNALS, APS PEDESTRIAN BUTTONS AND SIGNS, VIDEO DETECTION CAMERAS, FIELD WIRING, AND ALL OTHER EQUIPMENT NECESSARY TO PROVIDE COMPLETE AND OPERATIONAL TRAFFIC SIGNAL SYSTEMS. THE CONTRACTOR SHALL BE AWARE OF AND CONFORM TO ALL DETAILS FOR THE MATERIAL SPECIFICATIONS IN SPECIAL PROVISION 718.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING RED-LINE AS-BUILT DRAWINGS OF THE FINAL WORK TO THE ENGINEER. THOSE DRAWINGS SHALL BE ON A CLEAN SET OF PLANS SHOWING ALL CHANGES OR MODIFICATIONS TO THE BID PLANS.

22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL STRUCTURAL DESIGN OF THE MAST ARMS AND THE CONNECTION OF THE MAST ARMS TO THEIR FOUNDATIONS. ALL DESIGNS SHALL BE PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MAINE. DESIGN COMPUTATIONS, INCLUDING DESIGN LOADS (OVERTURNING MOMENT, TORSION, SHEAR FORCE AND AXIAL LOAD) AT THE TOP OF THE FOUNDATIONS, AND SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL BY THE DEPARTMENT. NO MATERIALS SHALL BE ORDERED OR FABRICATED UNTIL THE DESIGN HAS BEEN APPROVED.

23. FOUNDATIONS SHALL CONSIST OF CAST-IN-PLACE REINFORCED CONCRETE DRILLED SHAFTS: ONE NEW DRILLED SHAFT PER MAST ARM POLE AS SET FORTH IN SPECIAL PROVISION 626. ACTUAL DESIGN LOADS AT THE TOP OF THE FOUNDATION THAT ARE PROIVDED BY THE CONTRACTOR AS PART OF THEIR STRUCTURAL SUBMITTAL WILL BE USED BY THE DEPARTMENT TO CHECK THE SPECIFIED SIZE OF THE DRILLED SHAFTS. A BORING WAS TAKEN AS PART OF THIS PROJECT FOR THE FOUNDATION DESIGN. THE BORING LOCATIONS AND LOG CAN BE FOUND ON THE BORING LOCATION PLANS WITH FOUNDATION DESIGN REQUIREMENTS.

DETECTOR SCHEDULE

DETECTOR								AMPLIFIER		
PLAN ID	STREET	DIRECTION	LANE	SIZE	CALL	DELAY	TYPE	SLOT NO	DETECTOR NO	CHANNEL NO
1	US RTE 302/SR 113	NORTHBOUND	THRU	6'X50'	2	0	PRESENCE	1	1	1
2a	US RTE 302/SR 113	NORTHBOUND	RIGHT	12'X25'	2	5	PRESENCE	1	1	2
2b	US RTE 302/SR 113	NORTHBOUND	RIGHT	6'X25'	2	5	PRESENCE	1	1	2
3	US RTE 302/SR 5	SOUTHBOUND	THRU	6'X50'	6	0	PRESENCE	2	2	1
4	PRIVATE DRIVE	EASTBOUND	THRU	6'X50'	4	0	PRESENCE	2	2	2
5	PORTLAND ST	WESTBOUND	THRU	15'X50'	8	0	PRESENCE	3	3	1

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01 HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07/2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

TRAFFIC SIGNAL NOTES

SHEET NUMBER

16

OF 124

LEGEND

SWL	SOLID WHITE LANE LINE (4")
SYL	SOLID YELLOW LANE LINE (4")
DYSL	DOUBLE YELLOW SOLID LINE (4")
BWL	BROKEN WHITE LANE LINE (4")
CW	CROSS WALK STRIPE (12")
SL	STOP LINE (24")

RIGHT ARROW PAVEMENT MARKING

THRU ARROW PAVEMENT MARKING

ACCESSIBLE PARKING SPACE

NOTES:
1. SEE SIGNAL PLAN FOR ADDITIONAL SIGNAGE ASSOCIATED WITH THE INSTALLATION OF THE SIGNAL.
2. MULTIPLE SIGNS ON ONE POST SHALL BE PAID FOR 1 EACH FOR BOTH DEMOUNTING AND REINSTALLING.

CROSSWALK STRIPING DETAIL
NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	P.L.P.
CHECKED-REVIEWED	L. MEEK	L.E.M.
DESIGN2-DETAILED2	T. GLEESON	T.H.G.
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302
SIGNING & STRIPING PLAN

SHEET NUMBER
17
OF 124

SCALE OF FEET
25 0 25 50

Filename: ...\10\HIGHWAY\MSTA_Traffic01.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_Trofic02.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

	E. MARTIN	P. POTTLE	L. MEEK	T. GLEESON	
PROJ. MANAGER					
DESIGN-DETAILED	P.L.P.				
CHECKED-REVIEWED	L.M.E.				
DESIGN2-DETAILED2	T.H.G.				
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

BY	DATE
	07\2020

SIGNATURE

P.E. NUMBER

DATE

NOTES:
1. ALL WORK AND MATERIALS NECESSARY TO REMOVE AND DISPOSE OF POLES, OVERHEAD BEACONS, ELECTRICAL SERVICE AND ANCILLARY EQUIPMENT SHALL BE INCIDENTAL TO THE 645 PAY ITEMS.

NOTE: CONTRACTOR SHALL RRELOCATE RRFB AT THE DIRECTION OF THE PROJECT RESIDENT.

FRYEBURG
US ROUTE 302
SIGNING & STRIPING PLAN

SHEET NUMBER

18

OF 124

Filename: ...\10\HIGHWAY\MSTA_Trofic03.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN		
P. POTTLE	PLP	
L. MEEK	LEM	
T. GLEESON	THG	07/2020

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

FRYEBURG
US ROUTE 302
SIGNING & STRIPING PLAN

SHEET NUMBER

19

OF 124

SCALE OF FEET

25 0 25 50

Fryeburg Ctr
Lovell 8
DI-2
Fryeburg Fairgrounds
Old Saco Inn
DEMOUNT & REINSTALL
FRYEBURG CTR
LOVELL 8
302
5
DEMOUNT SIGN
Saco Valley Canoe
St. Elizabeth Ann Seton Church
DOLL MUSEUM MAY-OCT
DEMOUNT & REINSTALL
SPEED LIMIT 30
DEMOUNT SIGN
SPEED LIMIT 30
R2-I
SWL
DYSL
SWL
6'
11'
11'
6'
112+00
113+00
114+00
115+00
116+00
117+00
118+00
119+00
US ROUTE 302
SWL
DYSL
SWL
6'
11'
11'
6'
SPEED LIMIT 35
R2-I
SPEED LIMIT 35
DEMOUNT SIGN
JCT
5
DEMOUNT SIGN
M2-I & MI-5
SWL
DYSL
SWL
6'
11'
11'
6'
119+00
120+00
121+00
122+00
123+00
902+00
124+00
125+00
126+00
SWL
SYL
SYL
SWL
85.00
11.0'
US ROUTE 302
SCHOOL
DEMOUNT & REINSTALL
CW
SL
PINE STREET
901+00
PINE ST
BRIDGTON RD
STOP
D3-I
RI-I
DEMOUNT SIGNS
STOP
SPEED LIMIT 30
DEMOUNT SIGN
CW
SL
LOVEWELL POND RD
STOP
D3-I
RI-I
DEMOUNT SIGN
941+00
LOVEWELL POND ROAD
941+00
SPEED LIMIT 30
R2-I
SCALE OF FEET
25 0 25 50

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

SIGNING & STRIPING PLAN

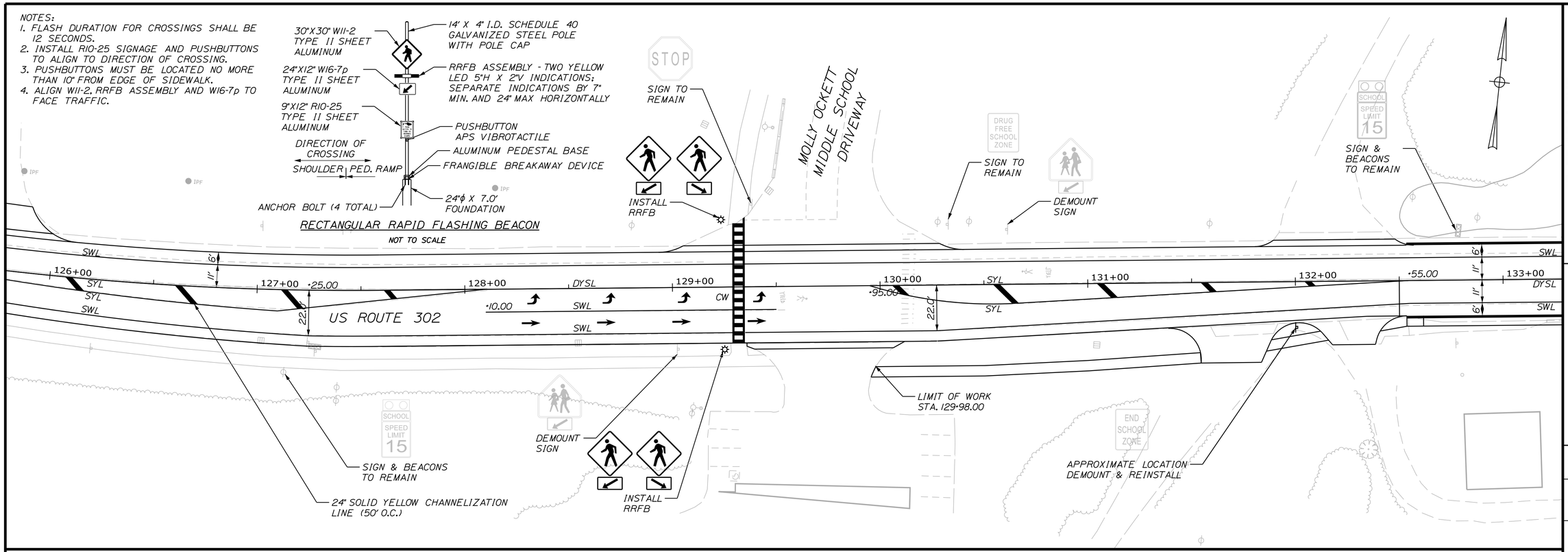
SHEET NUMBER
20
OF 124

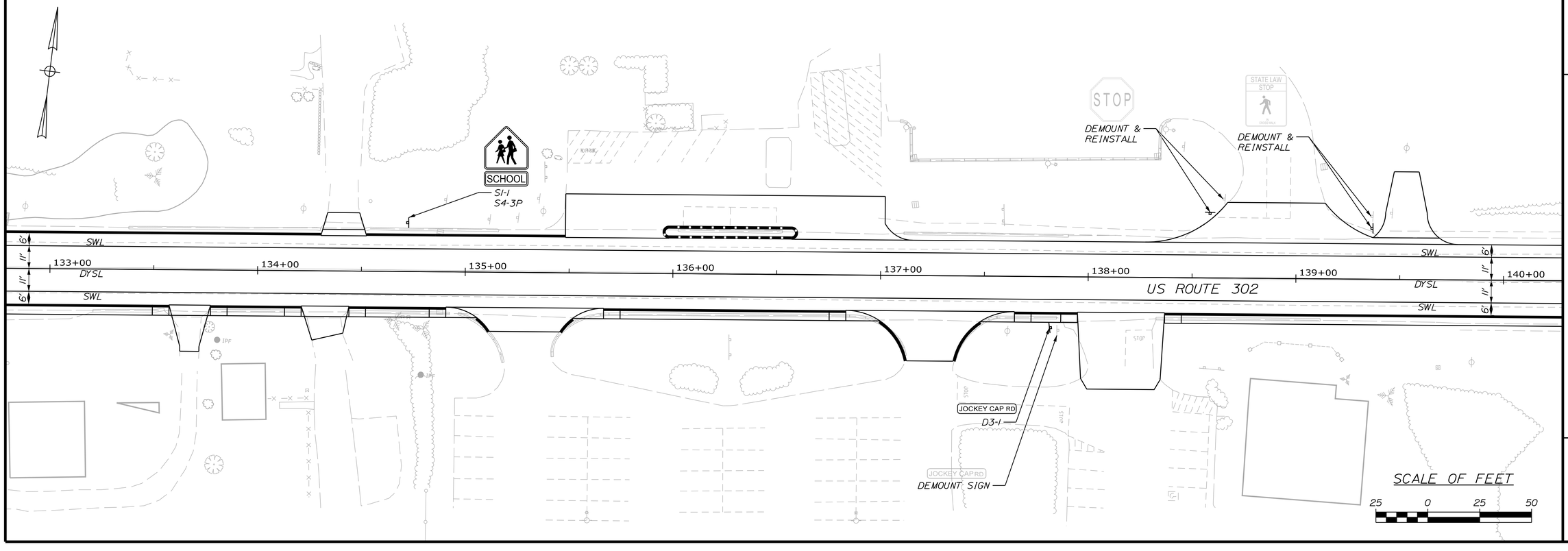
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NOTES:
1. FLASH DURATION FOR CROSSINGS SHALL BE 12 SECONDS.
2. INSTALL R10-25 SIGNAGE AND PUSHBUTTONS TO ALIGN TO DIRECTION OF CROSSING.
3. PUSHBUTTONS MUST BE LOCATED NO MORE THAN 10" FROM EDGE OF SIDEWALK.
4. ALIGN W11-2, RRFB ASSEMBLY AND W16-7p TO FACE TRAFFIC.

RECTANGULAR RAPID FLASHING BEACON

NOT TO SCALE





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

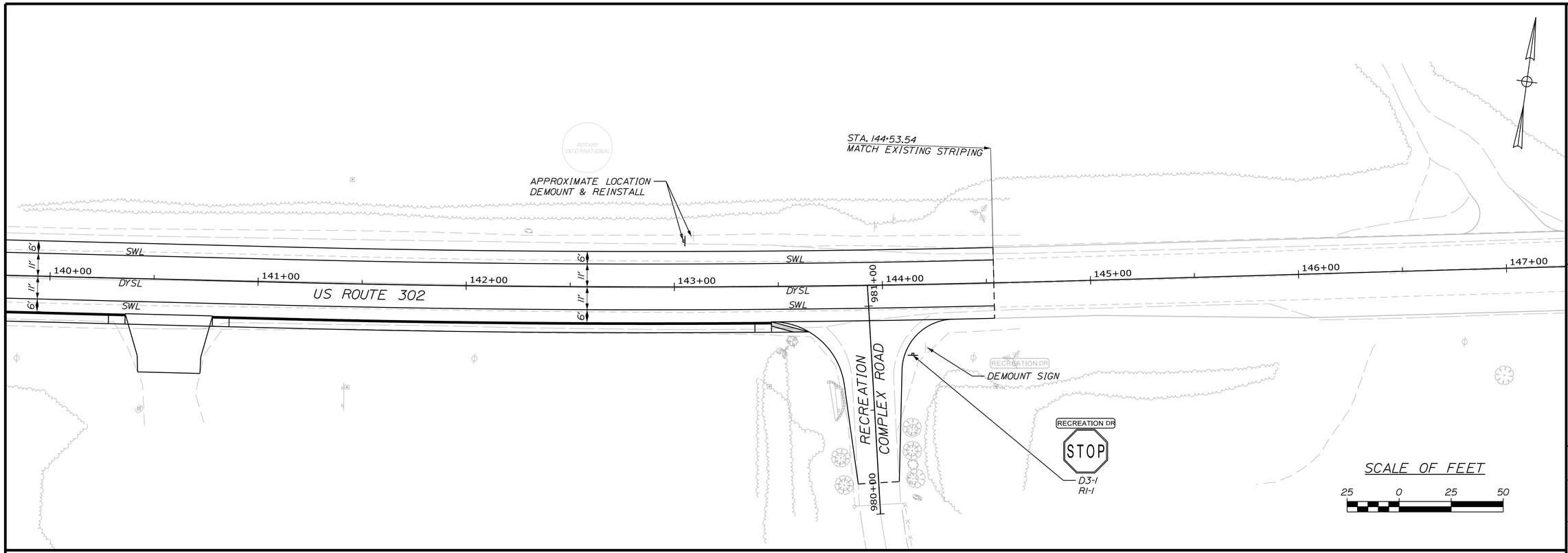
SIGNING & STRIPING PLAN

SHEET NUMBER

21

OF 124

Filename: ...\10\HIGHWAY\MSTA_Traffic05.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



ITEM NUMBER	ID NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	NUMBER OF SIGNS	TOTAL AREA IN SQUARE FEET	POST
645.291	DI-2A	75"	30"	← Fryeburg Ctr Lovell 8 →	1	15.63 (15.63)	WOOD
645.291	DI-2A	84"	30"	← Conway NH 8 ← Brownfield 8	1	17.50 (17.50)	WOOD
645.291	DI-3A	72"	42"	← Lovell 8 Bridgton 15 → Portland 49 →	1	21.00 (21.00)	WOOD
645.291	D3-1	36"	9"	MAIN ST	2	2.25 (6.75)	WOOD
				PINE ST	1		
645.291	D3-1	44"	9"	STUART ST	1	2.75 (5.50)	WOOD
				OXFORD ST	1		
645.291	D3-1	48"	9"	BRADLEY ST	1	3.00 (6.00)	WOOD
				CAMPUS WAY	1		
645.291	D3-1	52"	9"	BRIDGTON RD	1	3.25 (3.25)	WOOD
645.291	D3-1	64"	9"	JOCKEY CAP RD	1	4.00 (4.00)	WOOD
645.291	D3-1	60"	9"	RECREATION DR	1	3.75 (3.75)	WOOD
645.291	D3-1	72"	9"	LOVEWELL POND RD	1	4.50 (4.50)	WOOD
645.291	D9-2	24"	24"	H	1	4.00 (4.00)	WOOD
645.291	I-5	24"	24"		2	4.00 (8.00)	WOOD
645.291	MI-4	30"	24"	302	9	5.00 (45.00)	WOOD

ITEM NUMBER	ID NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	NUMBER OF SIGNS	TOTAL AREA IN SQUARE FEET	POST
645.291	MI-5	24"	24"	5	10	4.00 (40.00)	WOOD
645.291	MI-5	30"	24"	113	5	5.00 (25.00)	WOOD
645.291	M2-1	21"	15"	JCT	2	2.19 (4.38)	WOOD
645.291	M3-1	24"	12"	NORTH	7	2.00 (14.00)	WOOD
645.291	M3-2	24"	12"	EAST	5	2.00 (10.00)	WOOD
645.291	M3-3	24"	12"	SOUTH	6	2.00 (12.00)	WOOD
645.291	M3-4	24"	12"	WEST	4	2.00 (8.00)	WOOD
645.291	M6-1(R)	21"	15"		8	2.19 (15.31)	WOOD
645.291	M6-1(L)	21"	15"		8	2.19 (17.50)	WOOD
645.291	M6-2(L)	21"	15"		2	2.19 (4.38)	WOOD
645.291	M6-3	21"	15"		4	2.19 (8.75)	WOOD
645.291	OMI-1	18"	18"		1	2.25 (2.25)	WOOD
645.292	RI-1	30"	30"	STOP	8	6.25 (50.00)	WOOD

ITEM NUMBER	ID NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	NUMBER OF SIGNS	TOTAL AREA IN SQUARE FEET	POST
645.292	RI-2	36"x36"x36"		YIELD	2	4.50 (9.00)	WOOD
645.292	R2-1	24"	30"	SPEED LIMIT XX	7	5.00 (35.00)	WOOD
645.292	R3-6L	30"	36"		1	7.50 (7.50)	ON MAST ARM
645.292	R3-5(R)	30"	36"	ONLY	1	7.50 (7.50)	ON MAST ARM
645.292	R4-7	24"	30"		1	5.00 (5.00)	WOOD
645.292	R7-1a	12"	18"	NO PARKING	8	1.50 (12.00)	WOOD
645.292	R7-8	12"	18"	RESERVED PARKING	3	1.50 (4.50)	WOOD
645.292	R7-8P	18"	9"	VAN ACCESSIBLE	2	1.13 (2.26)	WOOD
645.292	RI0-R3e(R)	9"	15"		2	0.94 (1.88)	ABOVE APS PUSH BUTTON
645.292	RI0-R3e(L)	9"	15"		4	0.94 (3.75)	ABOVE APS PUSH BUTTON
645.292	WI-8(R)	18"	24"		4	3.00 (12.00)	WOOD

ITEM NUMBER	ID NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	NUMBER OF SIGNS	TOTAL AREA IN SQUARE FEET	POST
645.292	WI-8(L)	18"	24"		4	3.00 (12.00)	WOOD
645.292	WI-10	36"	36"		1	9.00 (9.00)	WOOD
645.292	WII-2	30"	30"		10	6.25 (62.50)	WOOD
645.292	WII-8	30"	30"		1	6.25 (6.25)	WOOD
645.292	WI6-2aP	24"	12"	300 FT	1	2.00 (2.00)	WOOD
645.292	WI6-7P	24"	12"		16	2.00 (32.00)	WOOD
645.292	SI-1	36"	36"		6	9.00 (54.00)	WOOD
645.292	S4-1P	24"	10"	7:00 AM | 9:00 AM 2:00 PM | 5:00 PM	2	1.67 (3.33)	WOOD
645.292	S4-3P	24"	8"	SCHOOL	3	1.33 (4.00)	WOOD
645.292	S5-2	24"	30"	END SCHOOL ZONE	2	5.00 (10.00)	WOOD

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

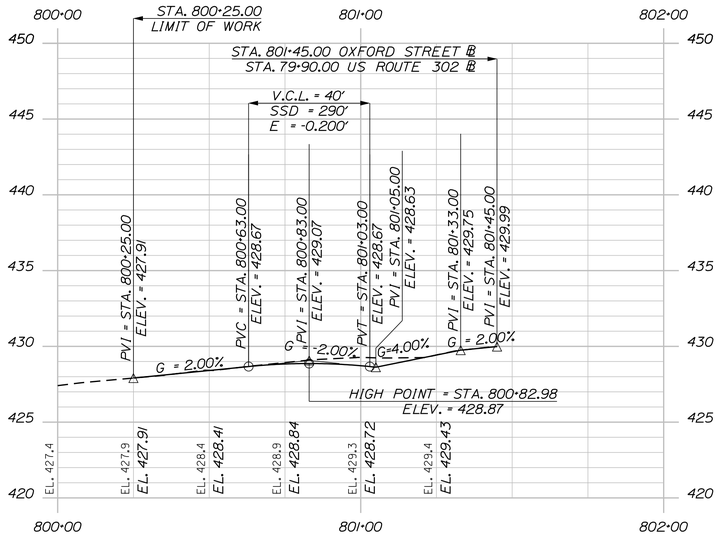
SIGNING & STRIPING PLAN

SHEET NUMBER

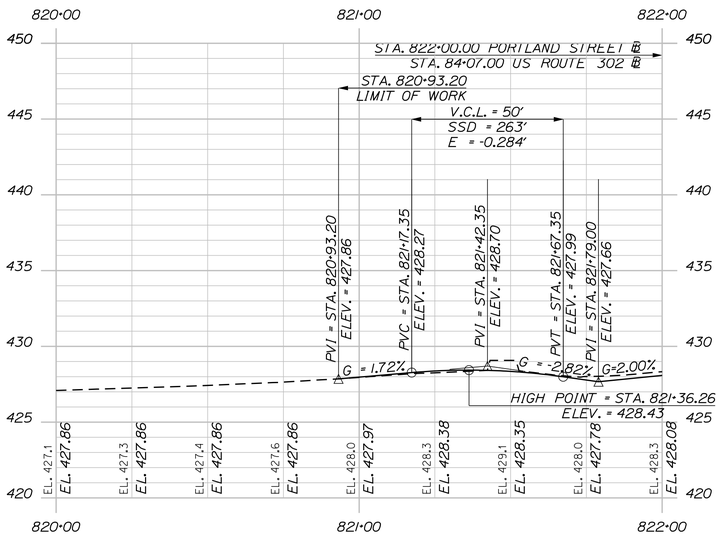
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OF 124

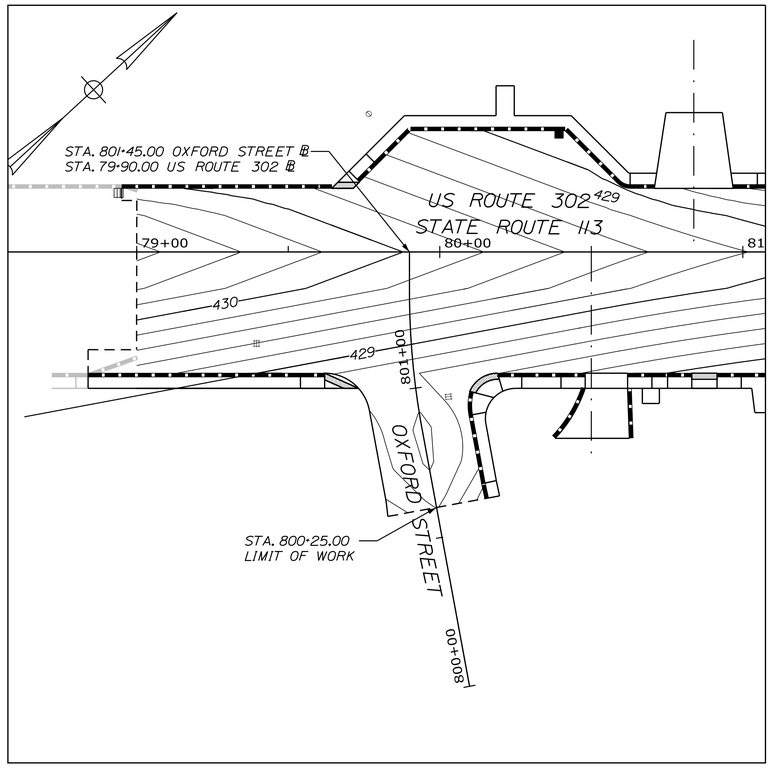
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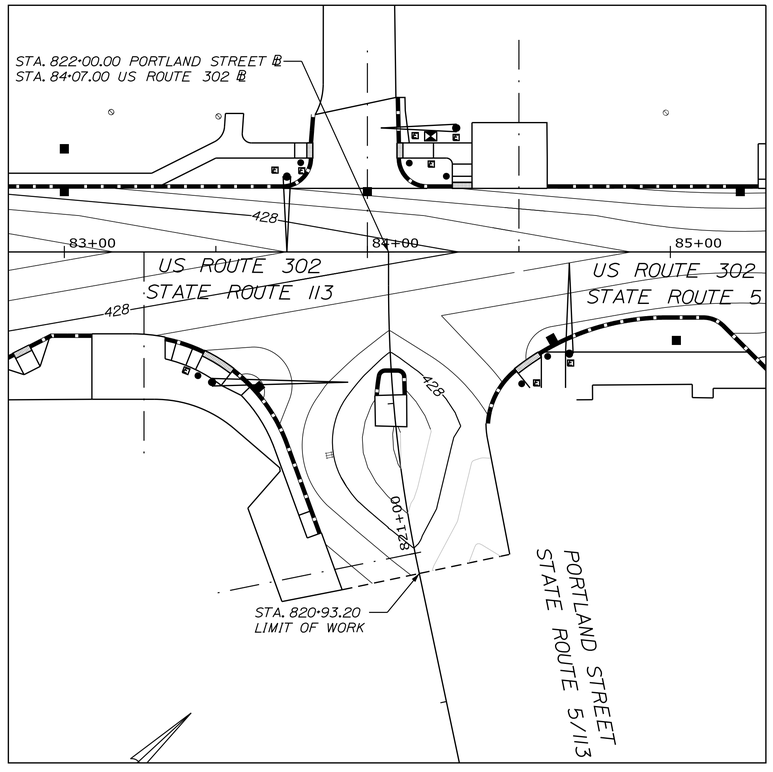
OXFORD STREET PROFILE



PORTLAND STREET PROFILE



OXFORD STREET



PORTLAND STREET

SCALE OF FEET

PLAN 25 0 25 50 PROFILE HORIZONTAL

5 0 5 10 PROFILE VERTICAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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FRYEBURG
US ROUTE 302

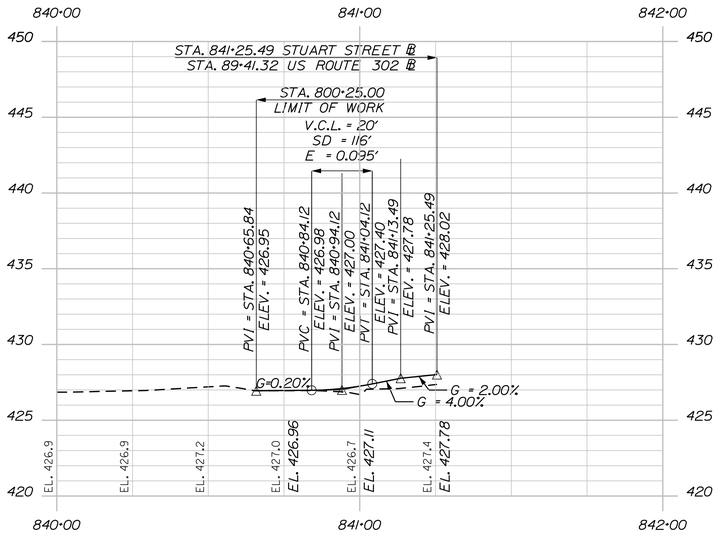
INTERSECTION GRADING PLAN

SHEET NUMBER

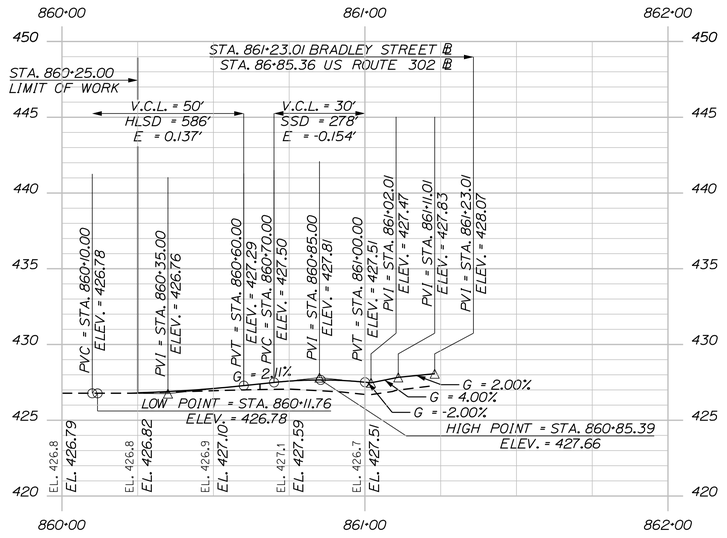
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OF 124

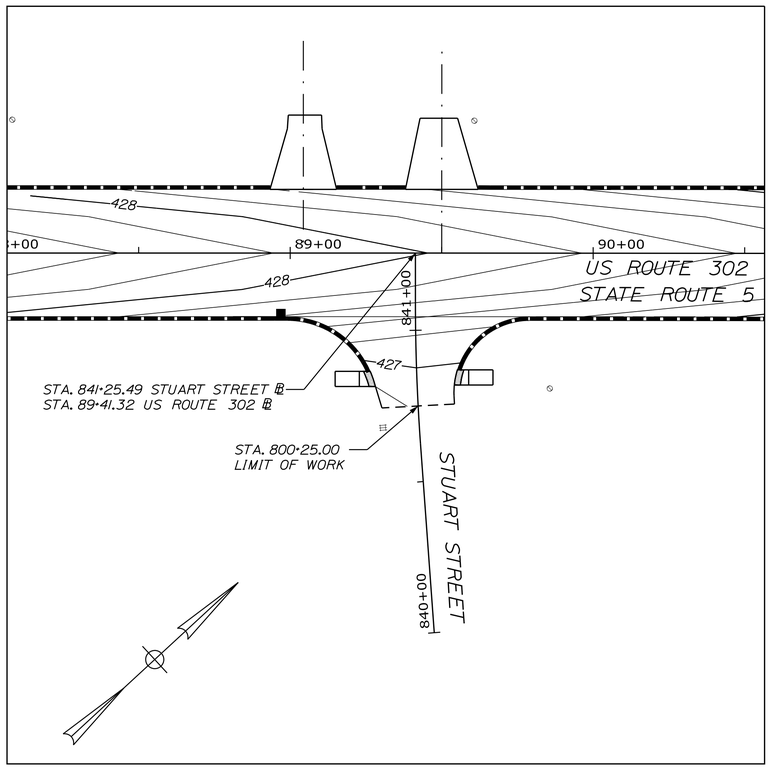
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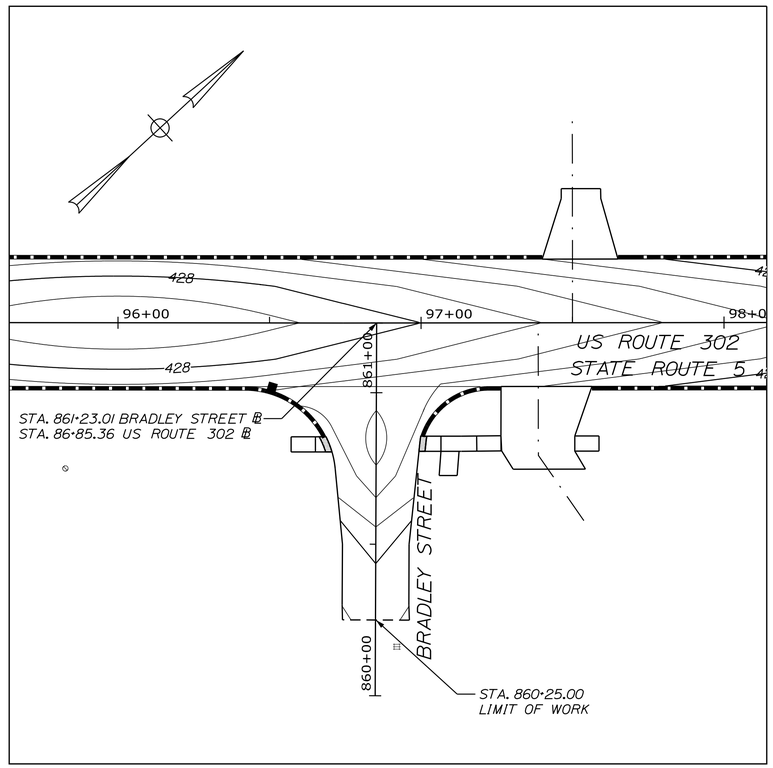
STUART STREET PROFILE



BRADLEY STREET PROFILE



STUART STREET



BRADLEY STREET

SCALE OF FEET

PLAN 25 0 25 50 PROFILE HORIZONTAL

5 0 5 10 PROFILE VERTICAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
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REVISIONS 1		
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FIELD CHANGES		

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FRYEBURG
US ROUTE 302

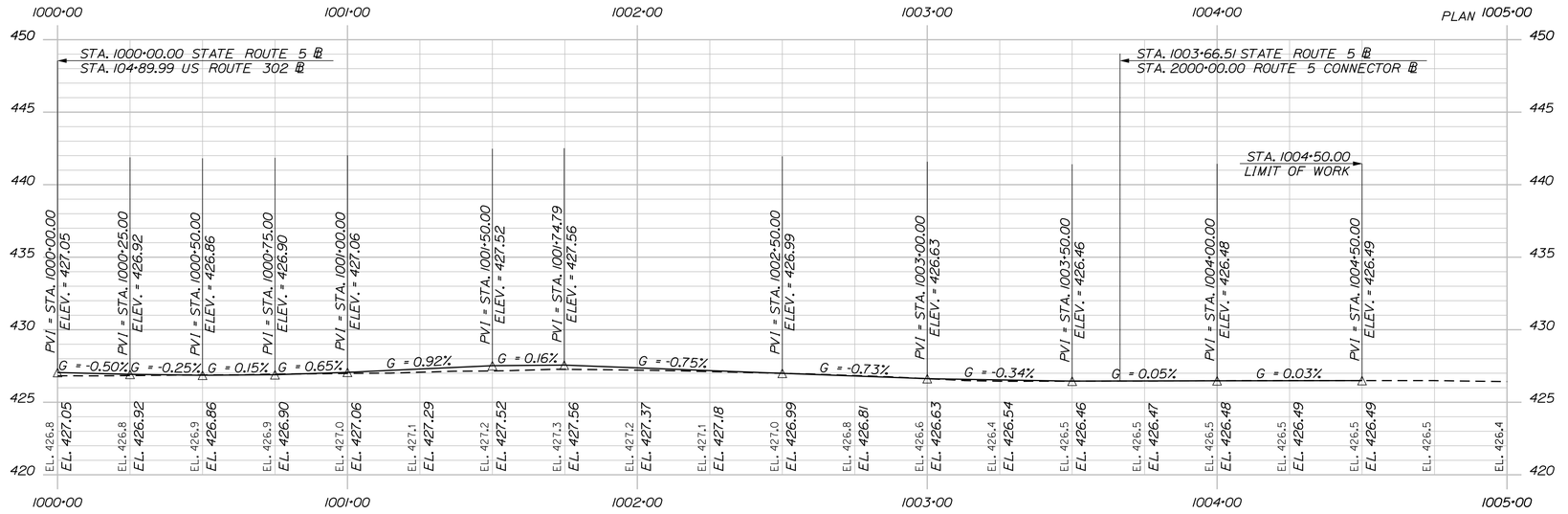
INTERSECTION GRADING PLAN

SHEET NUMBER

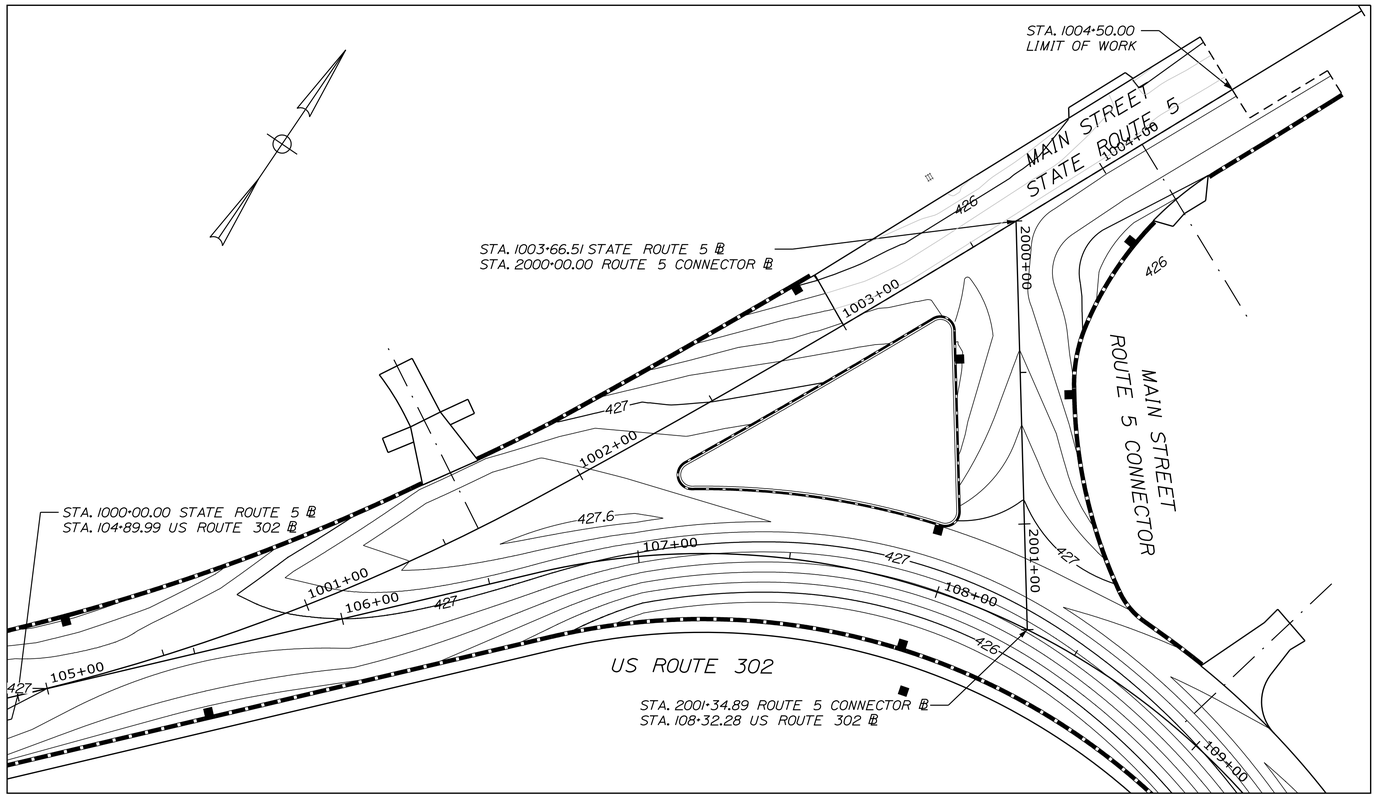
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OF 124

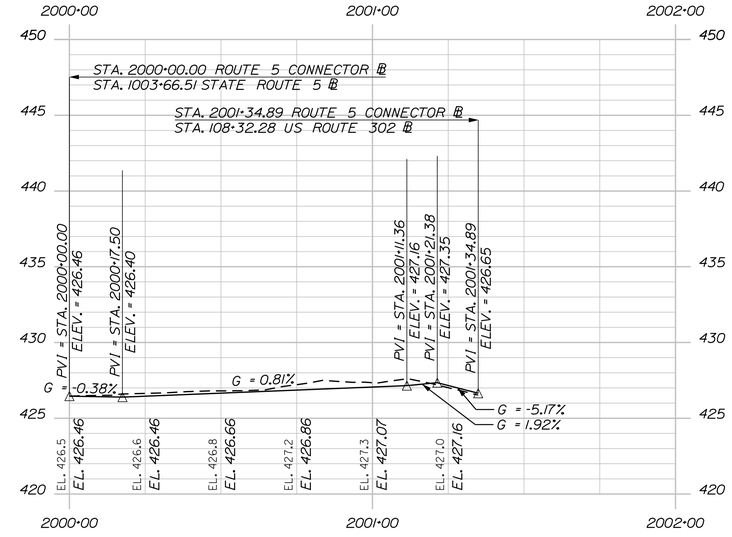
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STATE ROUTE 5 PROFILE



ROUTE 5 & ROUTE 5 CONNECTOR



ROUTE 5 CONNECTOR PROFILE

SCALE OF FEET

25 0 25 50 PROFILE HORIZONTAL

5 0 5 10 PROFILE VERTICAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP 07\2020
CHECKED-REVIEWED	L.MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
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REVISIONS 1		
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US ROUTE 302

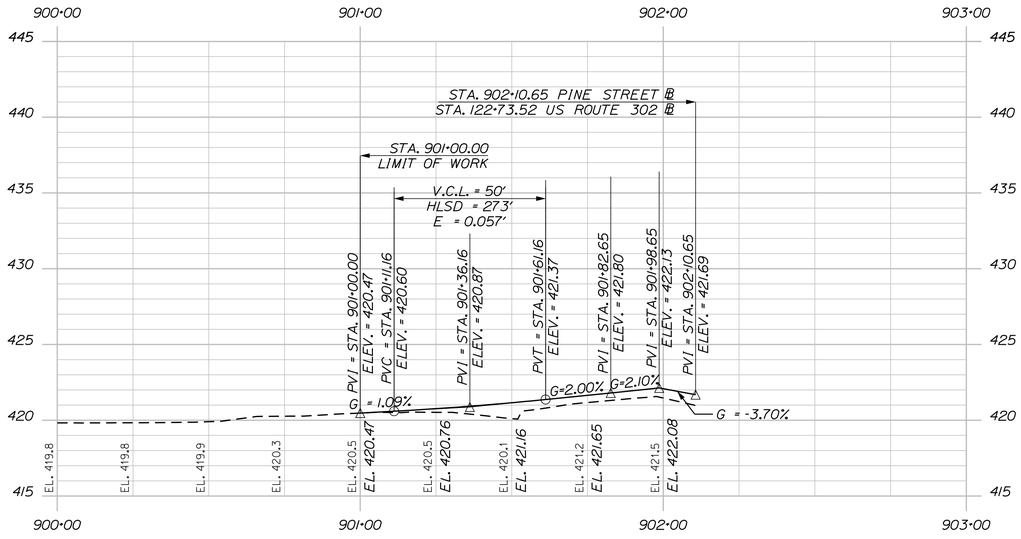
INTERSECTION GRADING PLAN

SHEET NUMBER

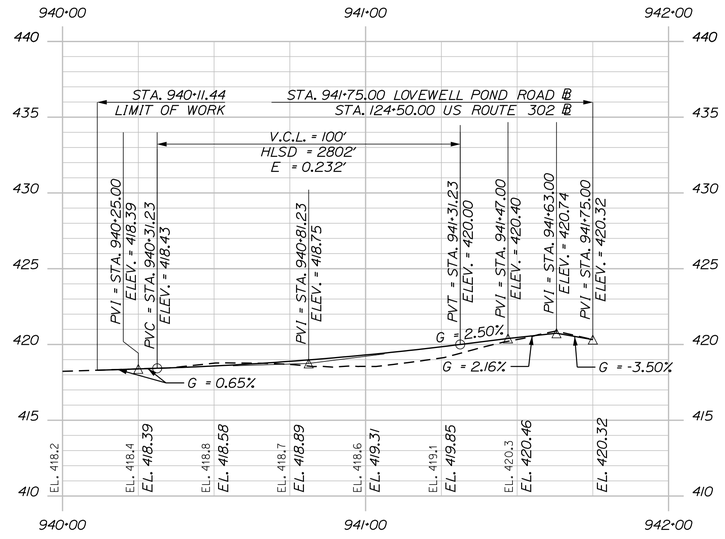
25

OF 124

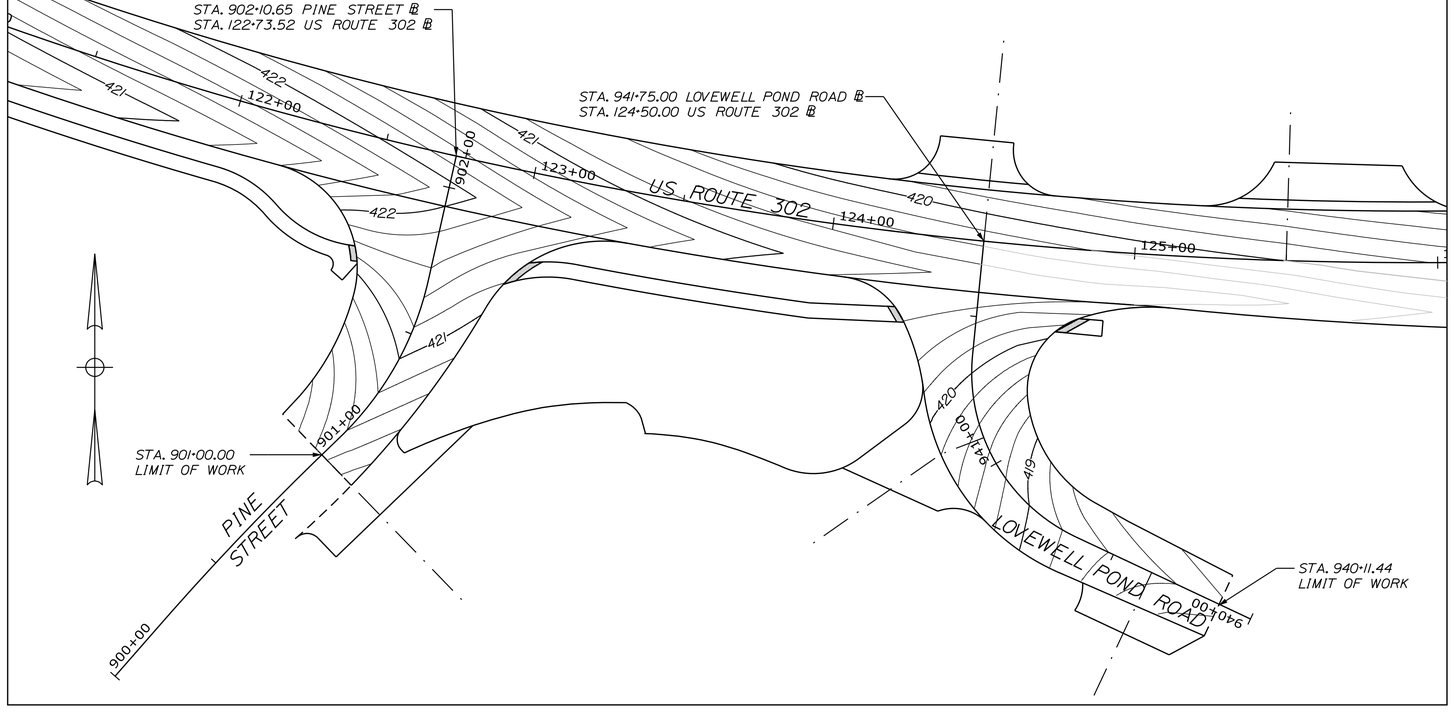
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PINE STREET PROFILE



LOVEWELL POND ROAD PROFILE



PINE STREET AND LOVEWELL POND ROAD

SCALE OF FEET

PLAN 25 0 25 50 PROFILE HORIZONTAL

5 0 5 10 PROFILE VERTICAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L.MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
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FIELD CHANGES		

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FRYEBURG
US ROUTE 302

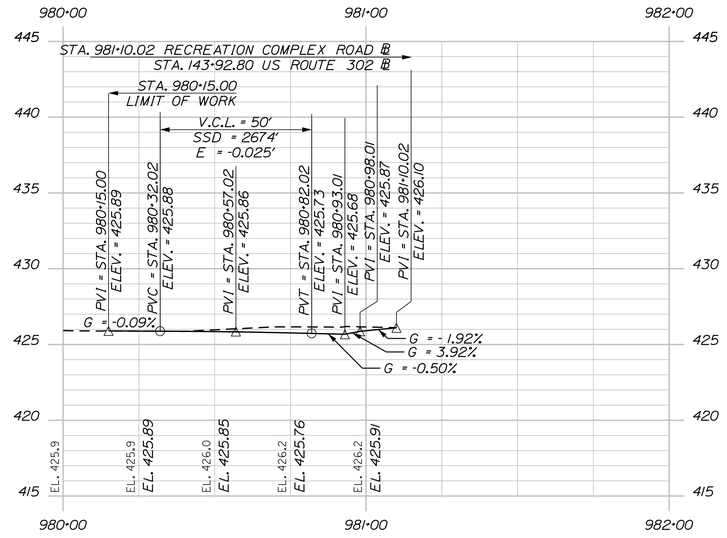
INTERSECTION GRADING PLAN

SHEET NUMBER

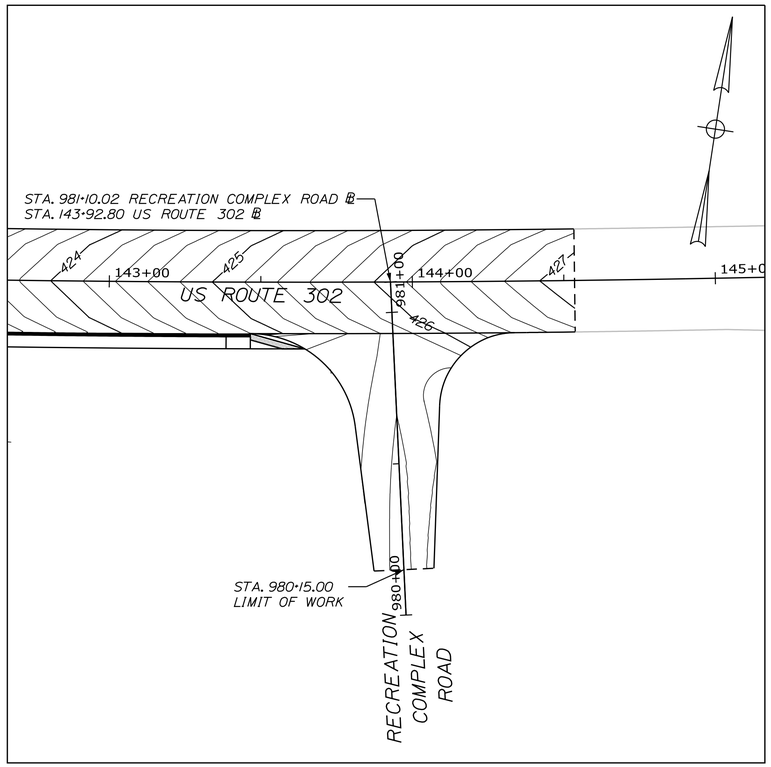
26

OF 124

Filename: ..._Profile_PINE & LOVEWELL POND.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



RECREATION COMPLEX ROAD PROFILE



RECREATION COMPLEX ROAD

SCALE OF FEET

PLAN 25 0 25 50 PROFILE HORIZONTAL

5 0 5 10 PROFILE VERTICAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

INTERSECTION GRADING PLAN

SHEET NUMBER

27

OF 124

Filename: ..._Profile_RECREATION COMPLEX.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
119	78+95.00	21.00 LT	431596.4402	824594.2211
120	79+60.34	21.00 LT	431644.4477	824638.5437
121	79+64.34	21.00 LT	431647.3866	824641.2571
122	79+73.57	23.16 LT	431655.6338	824645.9320
123	79+79.22	28.82 LT	431663.6274	824645.6129
124	79+90.41	40.00 LT	431679.4307	824644.9822
125	80+37.32	40.00 LT	431713.8988	824676.8046
126	80+41.32	40.00 LT	431716.8377	824679.5179
127	80+58.56	22.76 LT	431717.8102	824703.8833
128	80+62.82	21.00 LT	431719.7461	824708.0625
129	80+70.82	21.00 LT	431725.6241	824713.4893
130	80+96.82	21.00 LT	431744.7274	824731.1263
131	81+04.82	21.00 LT	431750.6053	824736.5530
132	81+27.00	21.00 LT	431766.9025	824751.5993
133	81+35.00	21.00 LT	431772.7804	824757.0261
134	81+65.00	21.00 LT	431794.8227	824777.3764
135	81+73.00	21.00 LT	431800.7007	824782.8032
136	81+95.60	21.00 LT	431817.3058	824798.1338
137	82+03.60	21.00 LT	431823.1838	824803.5606
138	82+29.60	21.00 LT	431842.2871	824821.1976
139	82+37.60	21.00 LT	431848.1650	824826.6244
140	82+45.60	21.00 LT	431854.0430	824832.0511
141	82+71.60	21.00 LT	431873.1463	824849.6881
142	82+79.60	21.00 LT	431879.0242	824855.1149
143	82+98.00	21.00 LT	431892.5435	824867.5964
144	83+02.00	21.00 LT	431895.4825	824870.3098
145	83+72.00	21.00 LT	431946.9144	824917.7940
146	83+81.21	27.11 LT	431957.8237	824919.5558
147	83+82.00	31.00 LT	431961.0453	824917.2301
148	10+35.19	18.08 LT	431964.4371	824913.5564
149	10+39.19	17.94 LT	431967.3803	824910.8476
150	10+44.54	17.76 LT	431971.3176	824907.2241

ITEM 609.11 CURB TYPE 1

POINT	LENGTH (FT)
119 TO 120	65.34
123 TO 124	15.82
124 TO 125	46.91
126 TO 127	24.38
131 TO 132	22.18
135 TO 136	22.60
142 TO 143	18.40
144 TO 145	70.00
149 TO 150	5.35
500 TO 501	70.09
504* TO 505*	22.94
508 TO 509	12.94
516 TO 517	5.18
520 TO 521	20.96
522 TO 523	46.44
532 TO 533	18.09
533 TO 534	41.91
538 TO 539	5.57
548 TO 549	23.45
553 TO 554	4.12
555 TO 556	5.90

*SEE NON-STANDARD CURB REVEAL TABLE

POINTS WITH NON-STANDARD CURB REVEAL

POINT	CURB REVEAL (IN)
504 TO 505	4.00
542 TO 543	3.00

ITEM 609.12 CURB TYPE 1 - CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
127 TO 128	4.73	6.00
145 TO 146	11.71	10.00
542* TO 543*	5.84	55.00
547 TO 548	18.92	55.00
551 TO 552	6.63	55.00
552 TO 553	3.84	2.75
554 TO 555	4.25	2.75

*SEE NON-STANDARD CURB REVEAL TABLE

ITEM 609.234 TERMINAL CURB TYPE 1 - 4 FOOT

POINT	LENGTH (FT)
120 TO 121	4.00
148 TO 149	4.00

ITEM 609.2341 TERMINAL CURB TYPE 1 - 4 FOOT - CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
146 TO 147	4.00	10.00
541 TO 542*	4.00	55.00
543* TO 544	4.00	55.00

*SEE NON-STANDARD CURB REVEAL TABLE

ITEM 609.238 TERMINAL CURB TYPE 1 - 8 FOOT

POINT	LENGTH (FT)
122 TO 123	8.00
128 TO 129	8.00
130 TO 131	8.00
132 TO 133	8.00
134 TO 135	8.00
136 TO 137	8.00
138 TO 139	8.00
139 TO 140	8.00
141 TO 142	8.00
501 TO 502	8.00
503 TO 504*	5.00
507 TO 508	8.00
509 TO 510	8.00
515 TO 516	8.00
517 TO 518	8.00
519 TO 520	8.00
523 TO 524	8.00
531 TO 532	8.00
535 TO 536	8.00
537 TO 538	8.00
539 TO 540	8.00
549 TO 550	8.00

*SEE NON-STANDARD CURB REVEAL TABLE

ITEM 609.2381 TERMINAL CURB TYPE 1 - 8 FOOT CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
505* TO 506	8.00	18.40
545 TO 546	8.00	55.00

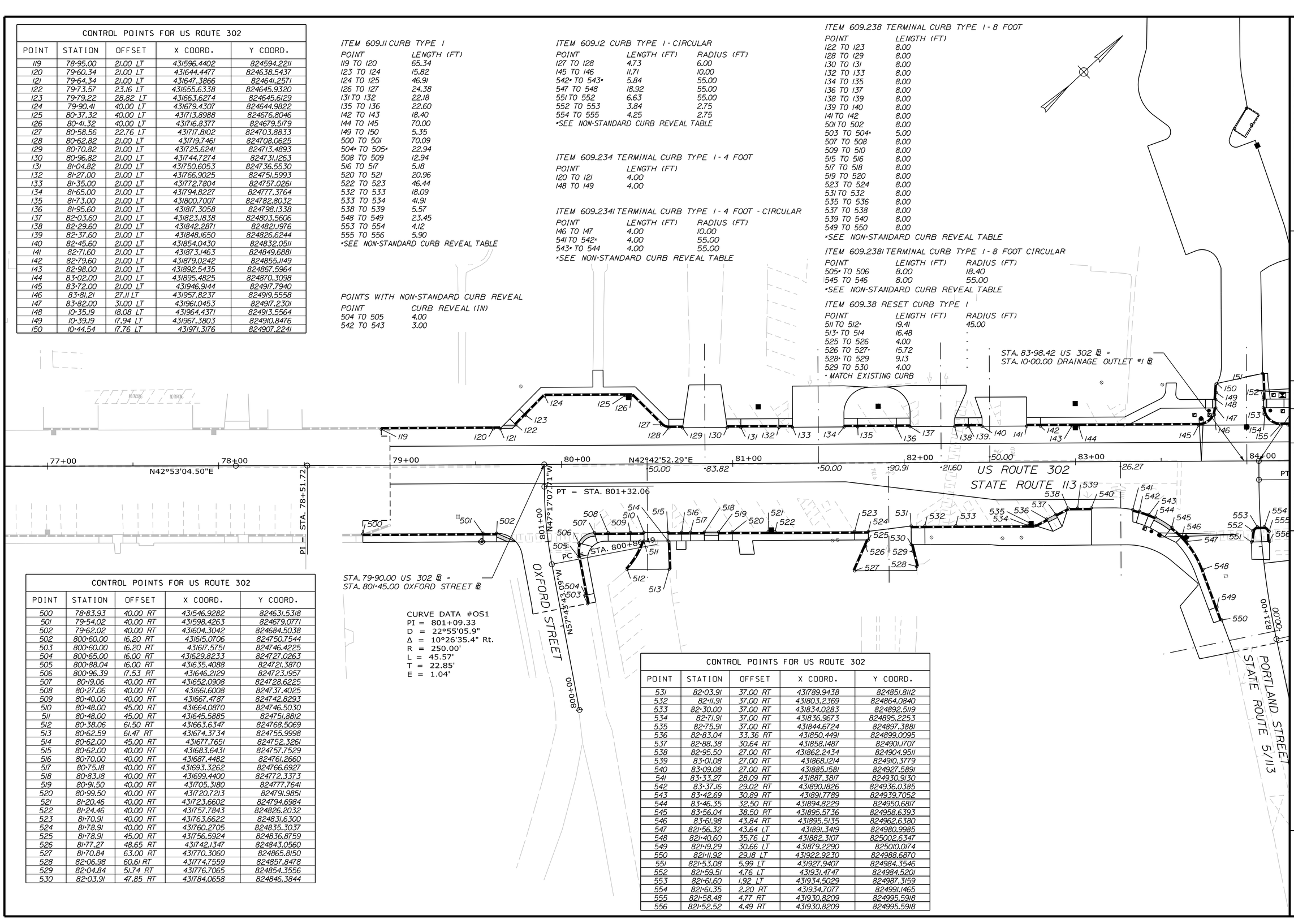
*SEE NON-STANDARD CURB REVEAL TABLE

ITEM 609.38 RESET CURB TYPE 1

POINT	LENGTH (FT)	RADIUS (FT)
511 TO 512*	19.41	45.00
513* TO 514	16.48	-
525 TO 526	4.00	-
526 TO 527*	15.72	-
528* TO 529	9.13	-
529 TO 530	4.00	-

* MATCH EXISTING CURB

STA. 83+98.42 US 302 ℄ =
STA. 10+00.00 DRAINAGE OUTLET #1 ℄



CURVE DATA #OS1
PI = 801+09.33
D = 22°55'05.9"
Δ = 10°26'35.4" Rt.
R = 250.00'
L = 45.57'
T = 22.85'
E = 1.04'

CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
500	78+83.93	40.00 RT	431546.9282	824631.5318
501	79+54.02	40.00 RT	431598.4263	824679.0771
502	79+62.02	40.00 RT	431604.3042	824684.5038
502	800+60.00	16.20 RT	431615.0706	824750.7544
503	800+60.00	16.20 RT	431617.5751	824746.4225
504	800+65.00	16.00 RT	431629.8233	824727.0263
505	800+88.04	16.00 RT	431635.4088	824721.3870
506	800+96.39	17.53 RT	431646.2129	824723.1957
507	80+19.06	40.00 RT	431652.0908	824728.6225
508	80+27.06	40.00 RT	431661.6008	824737.4025
509	80+40.00	40.00 RT	431667.4787	824742.8293
510	80+48.00	45.00 RT	431664.0870	824746.5030
511	80+48.00	45.00 RT	431645.5885	824751.8812
512	80+38.06	61.50 RT	431663.6347	824768.5069
513	80+62.59	61.47 RT	431674.3734	824755.9998
514	80+62.00	45.00 RT	431677.7651	824752.3261
515	80+62.00	40.00 RT	431683.6431	824757.7529
516	80+70.00	40.00 RT	431687.4482	824761.2660
517	80+75.18	40.00 RT	431693.3262	824766.6927
518	80+83.18	40.00 RT	431699.4400	824772.3373
519	80+91.50	40.00 RT	431705.3180	824777.7641
520	80+99.50	40.00 RT	431720.7213	824791.9851
521	81+20.46	40.00 RT	431723.6602	824794.6984
522	81+24.46	40.00 RT	431757.7843	824826.2032
523	81+70.91	40.00 RT	431763.6622	824831.6300
524	81+78.91	40.00 RT	431760.2705	824835.3037
525	81+78.91	45.00 RT	431756.5924	824836.8759
526	81+77.27	48.65 RT	431742.1347	824843.0560
527	81+70.84	63.00 RT	431770.3060	824865.8150
528	82+06.98	60.61 RT	431774.7559	824857.8478
529	82+04.84	51.74 RT	431776.7065	824854.3556
530	82+03.91	47.85 RT	431784.0658	824846.3844

CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
531	82+03.91	37.00 RT	431789.9438	824851.8112
532	82+11.91	37.00 RT	431803.2369	824864.0840
533	82+30.00	37.00 RT	431834.0283	824892.5119
534	82+71.91	37.00 RT	431836.9673	824895.2253
535	82+75.91	37.00 RT	431844.6724	824897.3881
536	82+83.04	33.36 RT	431850.4491	824899.0095
537	82+88.38	30.64 RT	431858.1487	824901.1707
538	82+95.50	27.00 RT	431862.2434	824904.9511
539	83+01.08	27.00 RT	431868.1214	824910.3779
540	83+09.08	27.00 RT	431885.1581	824927.5891
541	83+33.27	28.09 RT	431887.3817	824930.9130
542	83+37.16	29.02 RT	431890.1826	824936.0385
543	83+42.69	30.89 RT	431891.7789	824939.7052
544	83+46.35	32.50 RT	431894.8229	824950.6817
545	83+56.04	38.50 RT	431895.5736	824958.6393
546	83+61.98	43.84 RT	431895.5135	824962.6380
547	821+56.32	43.64 LT	431891.3419	824980.9985
548	821+40.60	35.76 LT	431882.3107	825002.6347
549	821+19.29	30.66 LT	431879.2290	825010.0174
550	821+11.92	29.18 LT	431922.9230	824988.6870
551	821+53.08	5.99 LT	431927.9407	824984.3546
552	821+59.51	4.76 LT	431931.4747	824984.5201
553	821+61.60	1.92 LT	431934.5029	824987.3159
554	821+61.35	2.20 RT	431934.7077	824991.1465
555	821+58.48	4.77 RT	431930.8209	824995.5918
556	821+52.52	4.49 RT	431930.8209	824995.5918

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

	E. MARTIN	P. POTTLE	L. MEEK	T. GLEESON	
PROJ. MANAGER					
DESIGN-DETAILED	P.LP				
CHECKED-REVIEWED	L. MEEK	L.EM			
DESIGN2-DETAILED2	T. GLEESON	T.HG			
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					
DATE	07\2020				
BY	P.LP	L.EM	T.HG		

P.E. NUMBER

SIGNATURE

DATE

FRYEBURG
US ROUTE 302

GEOMETRIC AND CURB LAYOUT PLAN

SHEET NUMBER

28

OF 124

Date:7/6/2020

Username: lmeek

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA_Geometry01.dgn

CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
151	10+51.37	8.09 RT	431994.7596	824921.1410
152	10+36.49	9.64 RT	431984.8281	824932.3822
153	84+09.75	31.00 LT	431981.4363	824936.0559
154	84+10.54	27.11 LT	431979.3747	824939.4526
155	84+19.75	21.00 LT	431982.0003	824950.1868
156	84+24.04	21.00 LT	431985.1528	824953.0974
157	84+28.04	21.00 LT	431988.0918	824955.8108
158	84+59.36	21.00 LT	432011.1031	824977.0557
159	84+63.36	21.00 LT	432014.0420	824979.7691
160	85+21.00	21.00 LT	432056.3911	825018.8676
161	85+25.00	21.00 LT	432059.3301	825021.5810
162	85+29.00	21.00 LT	432062.2691	825024.2944
163	85+62.00	21.00 LT	432086.5155	825046.6798
164	85+66.00	21.00 LT	432089.4545	825049.3932
165	85+70.65	21.00 LT	432092.8711	825052.5475
166	85+74.65	21.00 LT	432095.8100	825055.2609
167	85+99.66	21.00 LT	432114.1843	825072.2248
168	86+03.66	21.00 LT	432117.1233	825074.9381
169	86+39.00	21.00 LT	432143.0907	825098.9124
170	86+43.00	21.00 LT	432146.0297	825101.6258

POINTS WITH NON-STANDARD CURB REVEAL

POINT	REVEAL (IN)
568 TO 569	9.00
570 TO 571	9.00

ITEM 609.11 CURB TYPE 1

POINT	LENGTH (FT)
155 TO 156	4.29
159 TO 160	57.64
164 TO 165	4.65
168 TO 169	35.34
172 TO 173	6.99
174 TO 175	93.91
178 TO 179	89.43
182 TO 183	14.69
186 TO 187	103.80
564 TO 565	12.33
566 TO 567	22.73
567 TO 568*	10.00
568* TO 569*	4.00
570* TO 571*	4.00
571* TO 572	10.00
572 TO 573	10.92
576 TO 577	5.27
580 TO 581	68.28
581 TO 582	22.57
585 TO 586	142.14
592 TO 593	268.90

* SEE NON-STANDARD CURB REVEAL TABLE

ITEM 609.12 CURB TYPE 1 - CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
154 TO 155	11.71	10.00
558 TO 559	12.94	25.31
563 TO 564	36.42	80.00
565 TO 566	7.85	10.00
582 TO 582A	4.00	10.40
587 TO 588	30.87	29.98
591 TO 592	27.69	25.03

ITEM 609.234 TERMINAL CURB TYPE 1 - 4 FOOT

POINT	LENGTH (FT)
156 TO 157	4.00
158 TO 159	4.00
161 TO 162	4.00
163 TO 164	4.00
165 TO 166	4.00
167 TO 168	4.00
169 TO 170	4.00
171 TO 172	4.00
175 TO 176	4.00
177 TO 178	4.00
179 TO 180	4.00
181 TO 182	4.00
183 TO 184	4.00
185 TO 186	4.00
187 TO 188	4.00
584 TO 585	4.00

ITEM 609.2341 TERMINAL CURB TYPE 1 - 4 FOOT - CIRCULAR

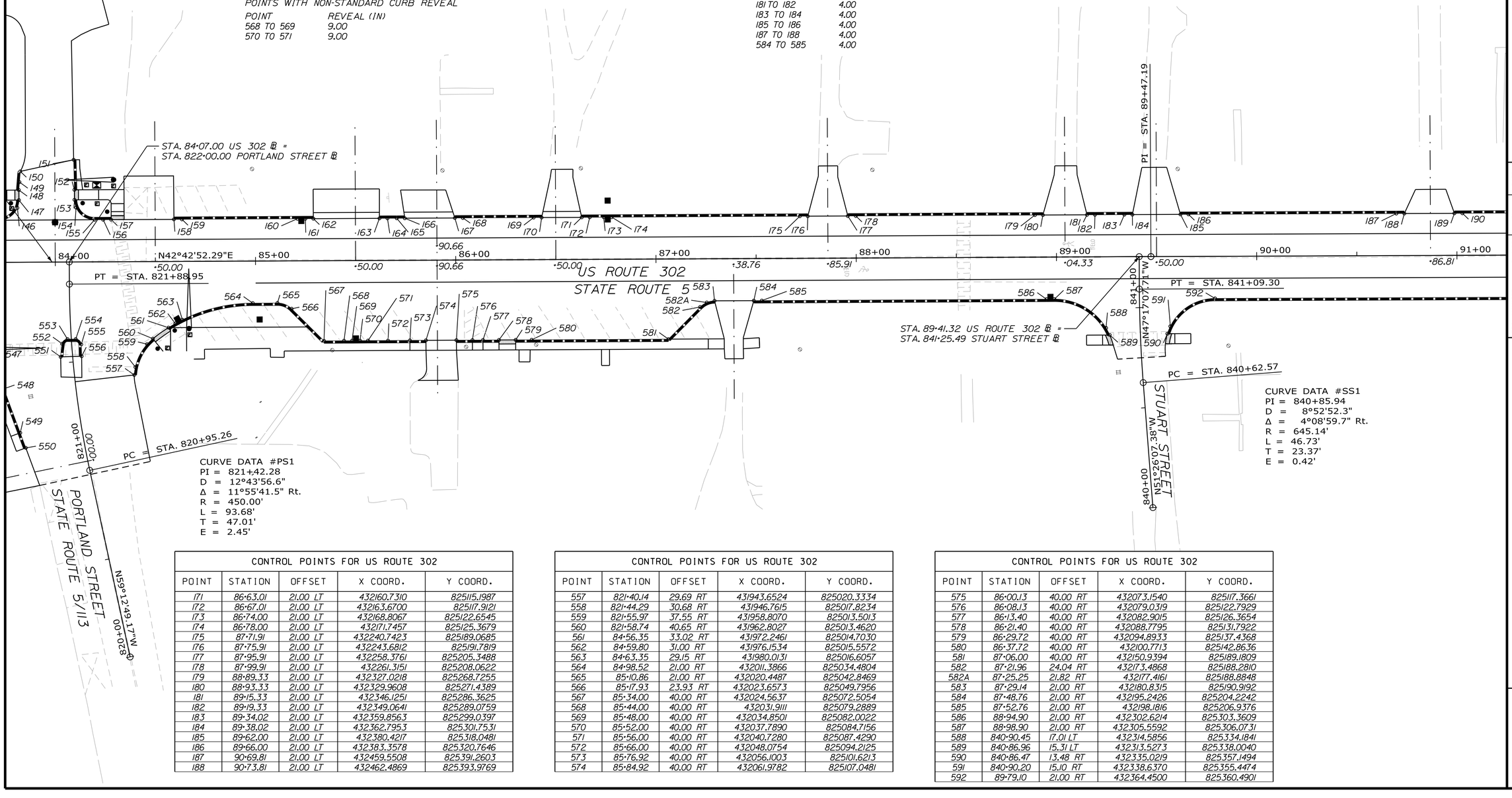
POINT	LENGTH (FT)	RADIUS (FT)
153 TO 154	4.00	10.00
557 TO 558	4.00	25.31
559 TO 560	4.00	25.31
561 TO 562	4.00	80.00
582A TO 583	4.00	10.40
588 TO 589	4.00	29.98
590 TO 591	4.00	25.03

ITEM 609.238 TERMINAL CURB TYPE 1 - 8 FOOT

POINT	LENGTH (FT)
573 TO 574	8.00
575 TO 576	8.00
577 TO 578	8.00
579 TO 580	8.00

ITEM 609.221 TERMINAL CURB TYPE 1

POINT	LENGTH (FT)
151 TO 152	15.00



CURVE DATA #PS1
PI = 821+42.28
D = 12°43'56.6"
Δ = 11°55'41.5" Rt.
R = 450.00'
L = 93.68'
T = 47.01'
E = 2.45'

CURVE DATA #SS1
PI = 840+85.94
D = 8°52'52.3"
Δ = 4°08'59.7" Rt.
R = 645.14'
L = 46.73'
T = 23.37'
E = 0.42'

CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
171	86+63.01	21.00 LT	432160.7310	825115.1987
172	86+67.01	21.00 LT	432163.6700	825117.9121
173	86+74.00	21.00 LT	432168.8067	825122.6545
174	86+78.00	21.00 LT	432171.7457	825125.3679
175	87+71.91	21.00 LT	432240.7423	825189.0685
176	87+75.91	21.00 LT	432243.6812	825191.7819
177	87+95.91	21.00 LT	432258.3761	825205.3488
178	87+99.91	21.00 LT	432261.3151	825208.0622
179	88+89.33	21.00 LT	432327.0218	825268.7255
180	88+93.33	21.00 LT	432329.9608	825271.4389
181	89+15.33	21.00 LT	432346.1251	825286.3625
182	89+19.33	21.00 LT	432349.0641	825289.0759
183	89+34.02	21.00 LT	432359.8563	825299.0397
184	89+38.02	21.00 LT	432362.7953	825301.7531
185	89+62.00	21.00 LT	432380.4217	825318.0481
186	89+66.00	21.00 LT	432383.3578	825320.7646
187	90+69.81	21.00 LT	432459.5508	825391.2603
188	90+73.81	21.00 LT	432462.4869	825393.9769

CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
557	821+40.14	29.69 RT	431943.6524	825020.3334
558	821+44.29	30.68 RT	431946.7615	825017.8234
559	821+55.97	37.55 RT	431958.8070	825013.5013
560	821+58.74	40.65 RT	431962.8027	825013.4620
561	84+56.35	33.02 RT	431972.2461	825014.7030
562	84+59.80	31.00 RT	431976.1534	825015.5572
563	84+63.35	29.15 RT	431980.0131	825016.6057
564	84+98.52	21.00 RT	432011.3866	825034.4804
565	85+10.86	21.00 RT	432020.4487	825042.8469
566	85+17.93	23.93 RT	432023.6573	825049.7956
567	85+34.00	40.00 RT	432024.5637	825072.5054
568	85+44.00	40.00 RT	432031.9111	825079.2889
569	85+48.00	40.00 RT	432034.8501	825082.0022
570	85+52.00	40.00 RT	432037.7890	825084.7156
571	85+56.00	40.00 RT	432040.7280	825087.4290
572	85+66.00	40.00 RT	432048.0754	825094.2125
573	85+76.92	40.00 RT	432056.1003	825101.6213
574	85+84.92	40.00 RT	432061.9782	825107.0481

CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
575	86+00.13	40.00 RT	432073.1540	825117.3661
576	86+08.13	40.00 RT	432079.0319	825122.7929
577	86+13.40	40.00 RT	432082.9015	825126.3654
578	86+21.40	40.00 RT	432088.7795	825131.7922
579	86+29.72	40.00 RT	432094.8933	825137.4368
580	86+37.72	40.00 RT	432100.7713	825142.8636
581	87+06.00	40.00 RT	432150.9394	825189.1809
582	87+21.96	24.04 RT	432173.4868	825188.2810
582A	87+25.25	21.82 RT	432177.4161	825188.8848
583	87+29.14	21.00 RT	432180.8315	825190.9192
584	87+48.76	21.00 RT	432195.2426	825204.2242
585	87+52.76	21.00 RT	432198.1816	825206.9376
586	88+94.90	21.00 RT	432302.6214	825303.3609
587	88+98.90	21.00 RT	432305.5592	825306.0731
588	840+90.45	17.01 LT	432314.5856	825334.1841
589	840+86.96	15.31 LT	432313.5273	825338.0040
590	840+86.47	13.48 RT	432335.0219	825357.1494
591	840+90.20	15.10 RT	432338.6370	825355.4474
592	89+79.10	21.00 RT	432364.4500	825360.4901

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

GEOMETRIC AND CURB
LAYOUT PLAN

SHEET NUMBER
29
OF 124

Filename: ...\HIGHWAY\MSTA_Geometry02.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
189	90+98.81	21.00 LT	432480.8374	825410.9551
190	91+02.81	21.00 LT	432483.7734	825413.6717
191	92+48.00	21.00 LT	432590.3473	825512.2764
192	92+52.00	21.00 LT	432593.2834	825514.9929
193	92+61.09	21.00 LT	432599.9544	825521.1651
194	92+65.09	21.00 LT	432602.8904	825523.8816
195	92+93.09	21.00 LT	432623.4429	825542.8973
196	92+97.09	21.00 LT	432626.3790	825545.6138
197	96+74.40	21.00 LT	432903.2975	825801.8255
198	97+36.00	21.00 LT	432948.6048	825843.5635
199	97+40.00	21.00 LT	432951.5467	825846.2737
200	97+65.00	21.00 LT	432969.9338	825863.2123
201	97+69.00	21.00 LT	432972.8757	825865.9225
593	92+48.00	21.00 RT	432561.8241	825543.1054
594	92+52.00	21.00 RT	432564.7602	825545.8219
595	92+78.88	21.00 RT	432584.4915	825564.0778
596	92+82.88	21.00 RT	432587.4276	825566.7943
597	93+03.88	21.00 RT	432602.8419	825581.0561
598	93+07.88	21.00 RT	432605.7780	825583.7726
599	93+36.00	21.00 RT	432626.4174	825602.8686
600	93+40.00	21.00 RT	432629.3534	825605.5852

ITEM 609.11 CURB TYPE 1

POINT	LENGTH (FT)
190 TO 191	145.19
192 TO 193	9.09
196 TO 197	377.26
197 TO 198	61.65
201 TO 202	129.56
594 TO 595	28.88
598 TO 599	28.12
602 TO 603	88.33
606 TO 607	159.33
618 TO 619	64.42

ITEM 609.12 CURB TYPE 1 - CIRCULAR

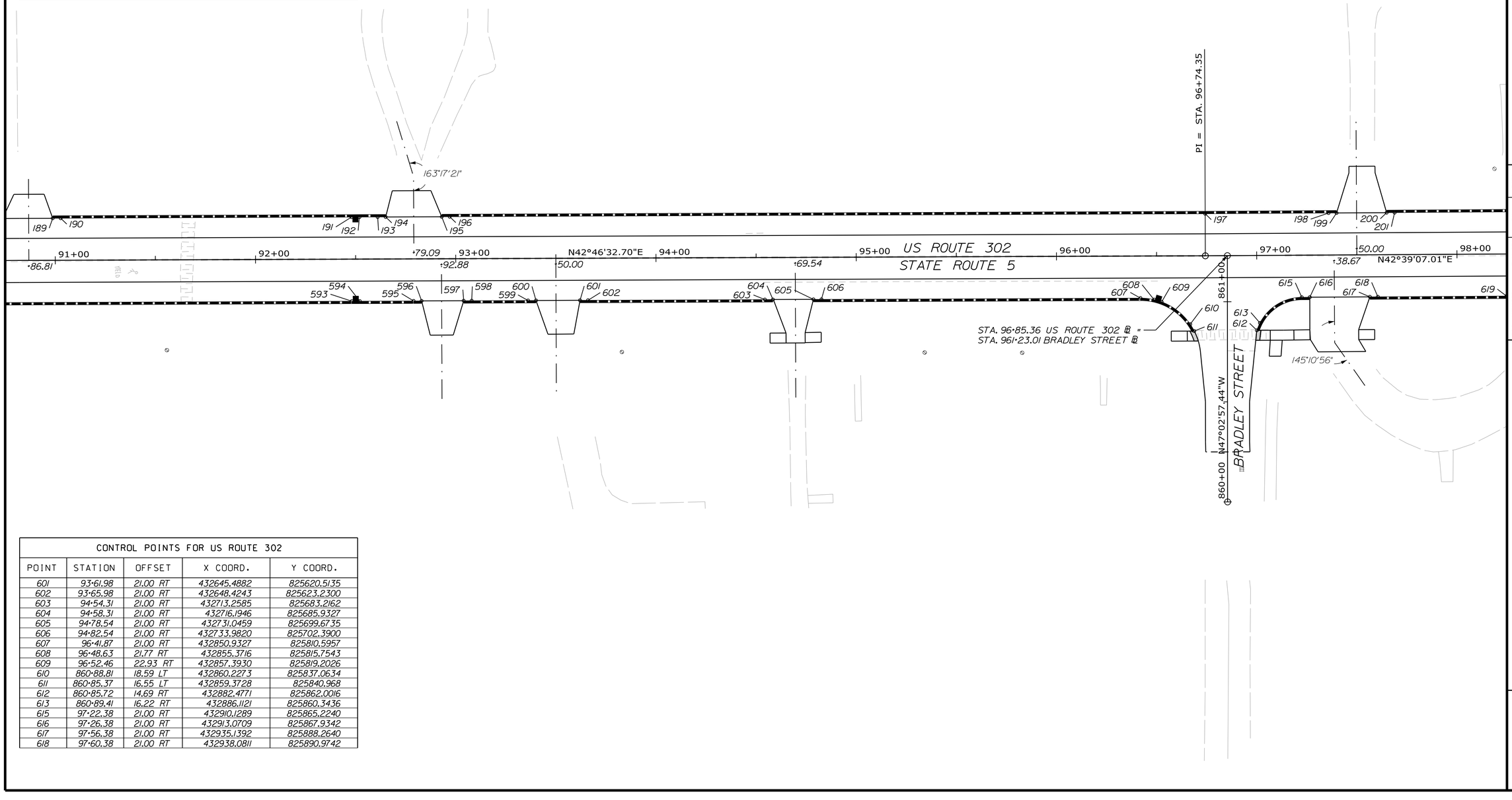
POINT	LENGTH (FT)	RADIUS (FT)
607 TO 608	6.82	30.00
609 TO 610	18.37	30.00
613 TO 615	25.76	23.67

ITEM 609.234 TERMINAL CURB TYPE 1 - 4 FOOT

POINT	LENGTH (FT)
189 TO 190	4.00
193 TO 194	4.00
195 TO 196	4.00
198 TO 199	4.00
200 TO 201	4.00
595 TO 596	4.00
597 TO 598	4.00
599 TO 600	4.00
601 TO 602	4.00
603 TO 604	4.00
605 TO 606	4.00
615 TO 616	4.00
617 TO 618	4.00

ITEM 609.2341 TERMINAL CURB TYPE 1 - 4 FOOT - CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
610 TO 611	4.00	30.00
612 TO 613	4.00	23.67



CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
601	93+61.98	21.00 RT	432645.4882	825620.5135
602	93+65.98	21.00 RT	432648.4243	825623.2300
603	94+54.31	21.00 RT	432713.2585	825683.2162
604	94+58.31	21.00 RT	432716.1946	825685.9327
605	94+78.54	21.00 RT	432731.0459	825699.6735
606	94+82.54	21.00 RT	432733.9820	825702.3900
607	96+41.87	21.00 RT	432850.9327	825810.5957
608	96+48.63	21.77 RT	432855.3716	825815.7543
609	96+52.46	22.93 RT	432857.3930	825819.2026
610	860+88.81	18.59 LT	432860.2273	825837.0634
611	860+85.37	16.55 LT	432859.3728	825840.968
612	860+85.72	14.69 RT	432882.4771	825862.0016
613	860+89.41	16.22 RT	432886.1121	825860.3436
615	97+22.38	21.00 RT	432910.1289	825865.2240
616	97+26.38	21.00 RT	432913.0709	825867.9342
617	97+56.38	21.00 RT	432935.1392	825888.2640
618	97+60.38	21.00 RT	432938.0811	825890.9742

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

GEOMETRIC AND CURB
LAYOUT PLAN

SHEET NUMBER

30

OF 124

Filename: ...\HIGHWAY\MSTA_Geometry03.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

ITEM 609.11 CURB TYPE 1

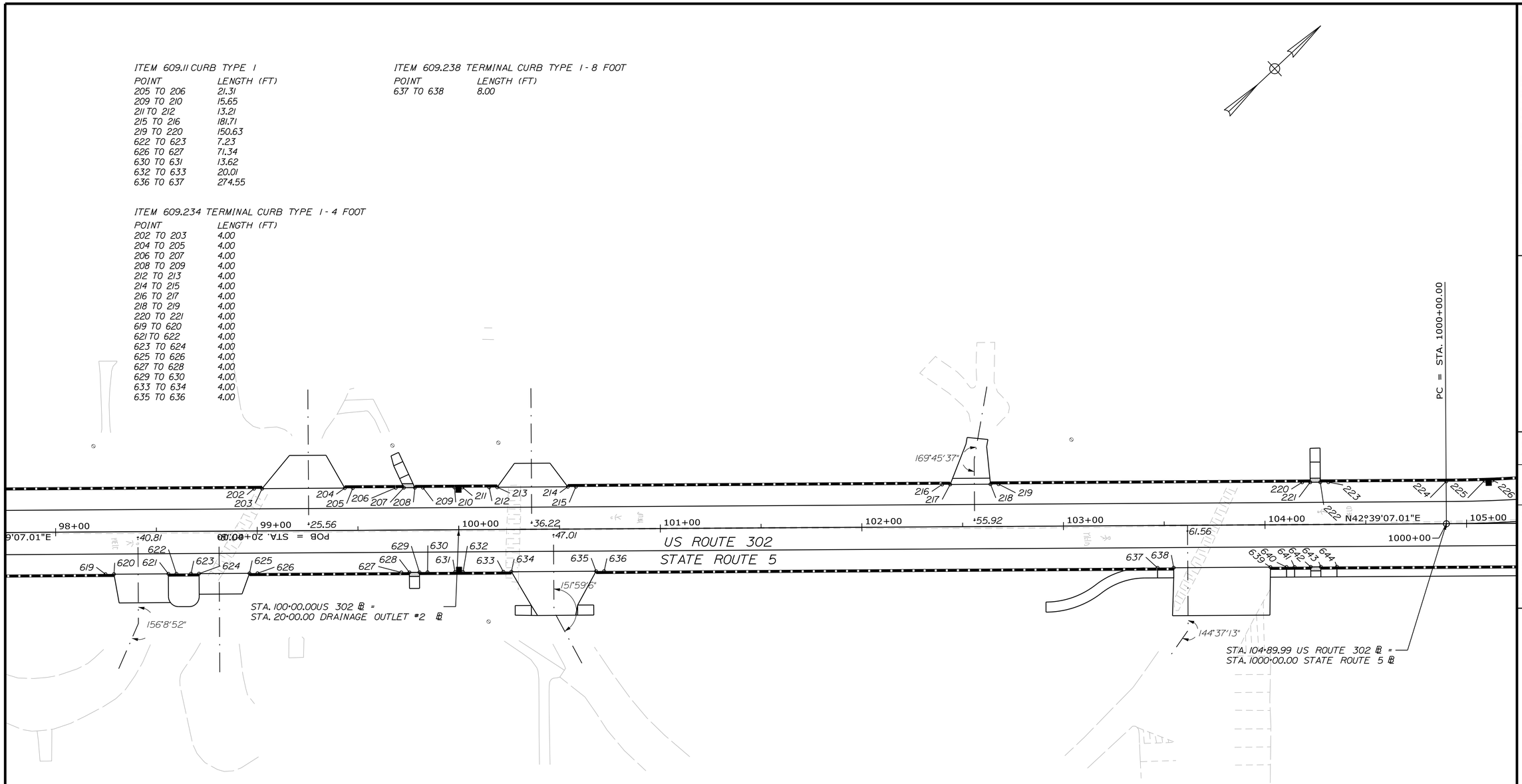
POINT	LENGTH (FT)
205 TO 206	21.31
209 TO 210	15.65
211 TO 212	13.21
215 TO 216	181.71
219 TO 220	150.63
622 TO 623	7.23
626 TO 627	71.34
630 TO 631	13.62
632 TO 633	20.01
636 TO 637	274.55

ITEM 609.238 TERMINAL CURB TYPE 1 - 8 FOOT

POINT	LENGTH (FT)
637 TO 638	8.00

ITEM 609.234 TERMINAL CURB TYPE 1 - 4 FOOT

POINT	LENGTH (FT)
202 TO 203	4.00
204 TO 205	4.00
206 TO 207	4.00
208 TO 209	4.00
212 TO 213	4.00
214 TO 215	4.00
216 TO 217	4.00
218 TO 219	4.00
220 TO 221	4.00
619 TO 620	4.00
621 TO 622	4.00
623 TO 624	4.00
625 TO 626	4.00
627 TO 628	4.00
629 TO 630	4.00
633 TO 634	4.00
635 TO 636	4.00



CONTROL POINTS FOR US ROUTE 302

POINT	STATION	OFFSET	X COORD.	Y COORD.
202	98+98.56	21.00 LT	433068.1645	825953.7046
203	99+02.56	21.00 LT	433071.1065	825956.4147
204	99+43.56	21.00 LT	433101.2613	825984.1940
205	99+47.56	21.00 LT	433104.2032	825986.9042
206	99+68.87	21.00 LT	433119.8787	826001.3448
207	99+72.87	21.00 LT	433122.8206	826004.0550
208	99+78.36	21.00 LT	433126.8594	826007.7756
209	99+82.36	21.00 LT	433129.8013	826010.4857
210	99+98.01	21.00 LT	433141.3090	826021.0868
211	100+02.01	21.00 LT	433144.2509	826023.7970
212	100+15.22	21.00 LT	433153.9651	826032.7460
213	100+19.22	21.00 LT	433156.9071	826035.4561
214	100+54.22	21.00 LT	433182.6490	826059.1701
215	100+58.22	21.00 LT	433185.5909	826061.8803
216	102+39.92	21.00 LT	433319.2331	826184.9944
217	102+43.92	21.00 LT	433322.1750	826187.7045
218	102+63.92	21.00 LT	433336.8847	826201.2554
219	102+67.92	21.00 LT	433339.8266	826203.9656
220	104+18.56	21.00 LT	433450.6126	826306.0241
221	104+22.56	21.00 LT	433453.5546	826308.7343

CONTROL POINTS FOR US ROUTE 302

POINT	STATION	OFFSET	X COORD.	Y COORD.
619	98+24.81	21.00 RT	432985.4634	825934.6238
620	98+28.81	21.00 RT	432988.4054	825937.3340
621	98+55.81	21.00 RT	433008.2634	825955.6277
622	98+59.81	21.00 RT	433011.2054	825958.3378
623	98+67.04	21.00 RT	433016.5260	825963.2393
624	98+71.04	21.00 RT	433019.4679	825965.9495
625	98+96.04	21.00 RT	433037.8550	825982.8881
626	99+00.04	21.00 RT	433040.7969	825985.5983
627	99+71.38	21.00 RT	433093.2691	826033.9368
628	99+75.38	21.00 RT	433096.2111	826036.6470
629	99+80.38	21.00 RT	433099.8885	826040.0347
630	99+84.38	21.00 RT	433102.8304	826042.7449
631	99+98.00	21.00 RT	433112.8446	826051.9701
632	100+02.00	21.00 RT	433115.7865	826054.6803
633	100+22.01	21.00 RT	433130.5007	826068.2353
634	100+26.01	21.00 RT	433133.4426	826070.9455
635	100+68.01	21.00 RT	433164.3329	826099.4023
636	100+72.01	21.00 RT	433167.2749	826102.1125
637	103+46.56	21.00 RT	433369.2010	826288.1312
638	103+54.56	21.00 RT	433375.0848	826293.5516

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

GEOMETRIC AND CURB
LAYOUT PLAN

SHEET NUMBER

31

OF 124

Filename: ...\HIGHWAY\MSTA_Geometry04.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

CONTROL POINTS FOR US ROUTE 1				
POINT	STATION	OFFSET	X COORD.	Y COORD.
222	104+27.56	21.00 LT	433457.2320	826312.1220
223	104+31.56	21.00 LT	433460.1740	826314.8322
224	104+90.01	21.00 LT	433503.1654	826354.4362
225	1000+19.61	21.00 LT	433517.3176	826367.1120
226	1000+23.73	21.00 LT	433520.3420	826369.7298
227	1001+47.60	21.00 LT	433617.8587	826439.6484
228	1001+51.72	21.00 LT	433621.3087	826441.6727
229	1001+72.30	20.06 LT	433638.2551	826452.2959
230	1001+76.42	19.89 LT	433641.6887	826454.3478
231	1001+99.97	19.00 LT	433661.8569	826465.8583
232	1002+90.74	19.00 LT	433742.6837	826506.0098
233	1002+94.77	19.00 LT	433746.2913	826507.7375
234	1002+98.51	19.00 LT	433479.9012	826509.4605
300	1002+32.25	13.00 RT	433676.1208	826508.9943
301	1003+26.44	13.00 RT	433761.2426	826550.1858
302	2000+35.50	21.00 RT	433762.0423	826558.7812
303	2000+95.29	21.00 RT	433713.4468	826593.6125
304	107+94.63	21.00 LT	433705.7420	826590.9761
305	107+18.10	21.00 LT	433669.7757	826516.3210
400	1004+80.19	19.72 RT	433898.2462	826620.4797
401	1004+76.19	19.76 RT	433894.5950	826618.8461
402	1004+50.20	20.00 RT	433870.8621	826608.2278
403	1004+32.49	20.00 RT	433854.7705	826600.8489
404	1004+28.49	20.07 RT	433851.1034	826599.2475
405	1004+05.25	23.43 RT	433828.5834	826592.6094
406	1004+01.40	24.49 RT	433824.6357	826591.9661
407	1003+97.58	25.69 RT	433820.6672	826591.4667
408	1003+93.81	27.02 RT	433816.6832	826591.1119
409	2000+35.24	21.36 LT	433786.9289	826593.0583
410	2000+55.66	17.00 LT	433767.7964	826601.4099
411	2000+59.75	17.00 LT	433764.4718	826603.7930
412	108+51.68	21.16 LT	433720.2923	826651.7643
413	108+62.63	21.00 LT	433716.7577	826663.8775
414	108+81.03	21.00 LT	433715.9562	826683.8768
415	108+84.71	21.00 LT	433715.6447	826687.8646

CONTROL POINTS FOR US ROUTE 1				
POINT	STATION	OFFSET	X COORD.	Y COORD.
639	104+02.56	21.00 RT	433410.3881	826326.0737
640	104+10.56	21.00 RT	433416.2720	826331.4941
641	104+14.56	21.00 RT	433419.2139	826334.2043
642	104+22.56	21.00 RT	433425.0978	826339.6246
643	104+27.56	21.00 RT	433428.7752	826343.0123
644	104+35.56	21.00 RT	433434.6591	826348.4327
645	105+48.00	21.00 RT	433517.3603	826424.6188
646	105+52.00	21.00 RT	433520.3022	826427.3290
647	106+65.78	21.00 RT	433603.9874	826504.4216
648	107+91.99	21.00 RT	433664.7915	826600.6680
649	107+96.42	21.00 RT	433665.9508	826604.5348
650	109+30.29	21.00 RT	433666.3340	826725.1117
651	109+39.05	21.00 RT	433664.0160	826732.7681
652	109+60.96	21.00 RT	433657.0145	826751.4888
653	109+69.73	21.00 RT	433653.7394	826758.7872
654	109+90.80	21.00 RT	433644.7963	826775.8002
655	110+50.00	21.00 RT	433614.9783	826826.9415
656	111+46.00	17.16 RT	433569.9400	826911.8114
657	111+50.00	17.00 RT	433568.0650	826915.3447

CURVE DATA #MS2
PI = 1002+66.59
D = 1°44'39.0"
Δ = 2°49'23.9" Lt.
R = 3285.00'
L = 161.87'
T = 80.95'
E = 1.00'

CURVE DATA #MS1
PI = 1000+93.37
D = 8°11'06.4"
Δ = 15°11'40.6" Lt.
R = 700.00'
L = 185.64'
T = 93.37'
E = 6.20'

CURVE DATA #1
PI = 108+58.72
D = 23°52'23.7"
Δ = 77°35'32.7" Rt.
R = 240.00'
L = 325.02'
T = 192.94'
E = 67.94'

PT = STA. 1003+47.51

PCC = STA. 1001+85.64

PC = STA. 1000+00.00

PC = STA. 106+65.78

PT = STA. 109+90.80

STA. 2000+00.00 ROUTE 5 CONNECTOR ℄ =
STA. 1003+66.51 STATE ROUTE 5 ℄

STA. 108+32.28 US ROUTE 302 ℄ =
STA. 2001+34.89 ROUTE 5 CONNECTOR ℄

STA. 104+89.99 US ROUTE 302 ℄ =
STA. 1000+00.00 STATE ROUTE 5 ℄

N24°38'02.57"E

S35°37'53.76"E

N42°39'07.01"E

S59°45'20.31"E

STATE ROUTE 5

ROUTE 5 CONNECTOR

US ROUTE 302

ITEM 609.11 CURB TYPE 1

POINT	LENGTH (FT)	RADIUS (FT)
223 TO 224	58.45	-
224 TO 225	19.02	679.00
226 TO 227	120.15	679.00
230 TO 231	23.22	679.20
231 TO 232	90.22	3266.00
401 TO 402	26.00	-
402 TO 403	17.70	-
406 TO 407	4.00	110.00
408 TO 409	29.91	110.00
411 TO 412	65.68	160.00
413 to 414	20.02	-
640 TO 641	4.00	-
644 TO 645	112.44	-
646 TO 647	113.78	-
647 TO 648	115.17	219.00
649 TO 650	122.15	219.00
653 TO 654	19.23	219.00
654 TO 655	59.20	-
655 TO 656	96.08	-

ITEM 609.12 CURB TYPE 1 - CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
409 TO 410	21.35	50.00
412 TO 413	12.76	25.00

ITEM 609.234 TERMINAL CURB TYPE 1 - 4 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
222 TO 223	4.00	-
227 TO 228	4.00	679.00
229 TO 230	4.00	679.20
233 TO 234	4.00	3266.00
400 TO 401	4.00	-
403 TO 404	4.00	110.00
405 TO 406	4.00	110.00
414 TO 415	4.00	-
656 TO 657	4.00	-

ITEM 609.238 TERMINAL CURB TYPE 1 - 8 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
639 TO 640	8.00	-
641 TO 642	8.00	-
643 TO 644	8.00	-
650 TO 651	8.00	219.00
652 TO 653	8.00	219.00

ITEM 609.34 CURB TYPE 5

POINT	LENGTH (FT)	RADIUS (FT)
300 TO 301	94.57	3298.00
302 TO 303	59.79	-
304 TO 305	83.22	261.00

ITEM 609.35 CURB TYPE 5 - CIRCULAR

POINT	LENGTH (FT)	RADIUS (FT)
301 TO 302	10.42	5.00
303 TO 304	9.52	5.00
305 TO 300	13.22	5.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

GEOMETRIC AND CURB
LAYOUT PLAN

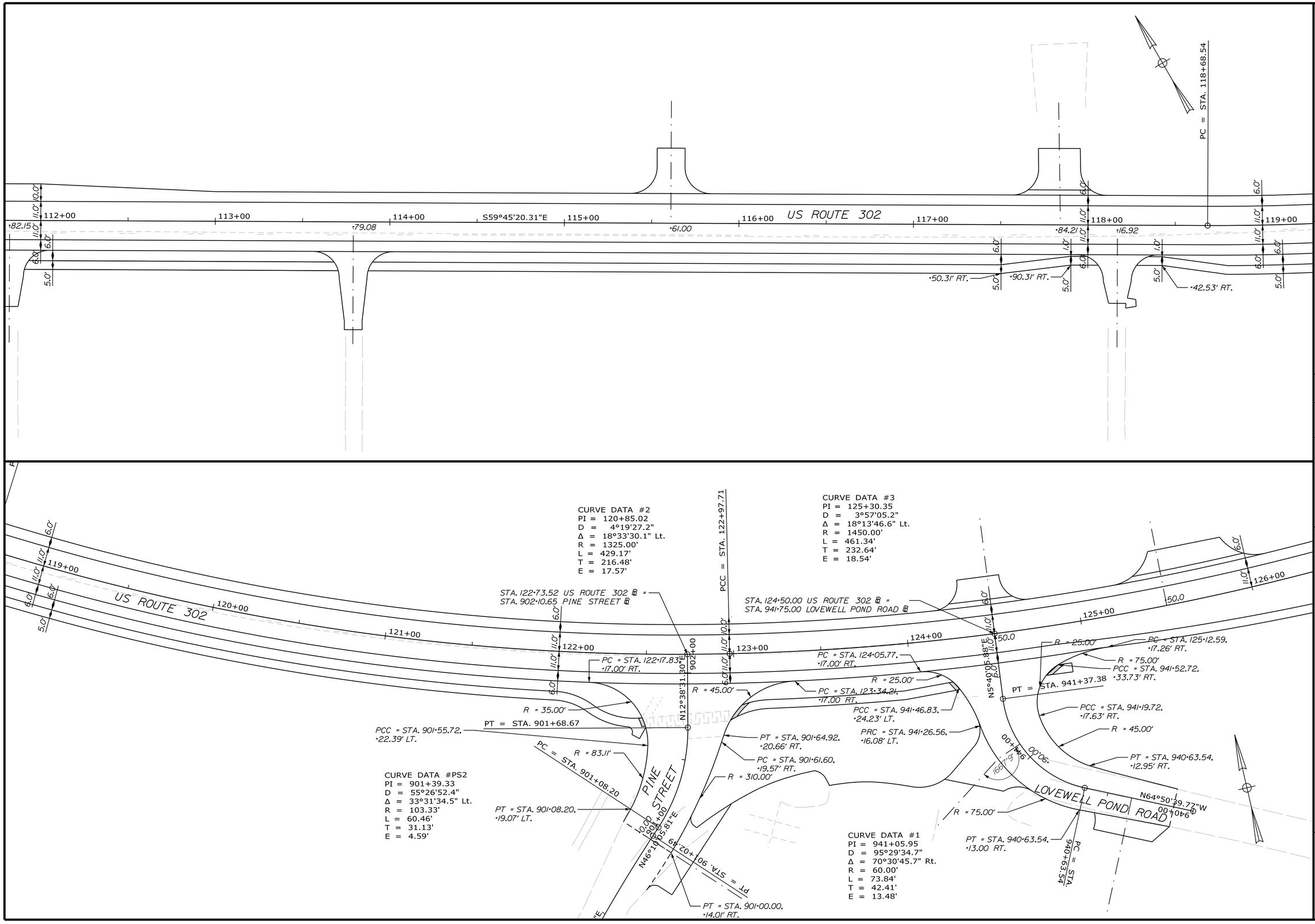
SHEET NUMBER

32

OF 124

Filename: ...\HIGHWAY\MSTA_Geometry05.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\HIGHWAY\MSTA_Geometry06.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

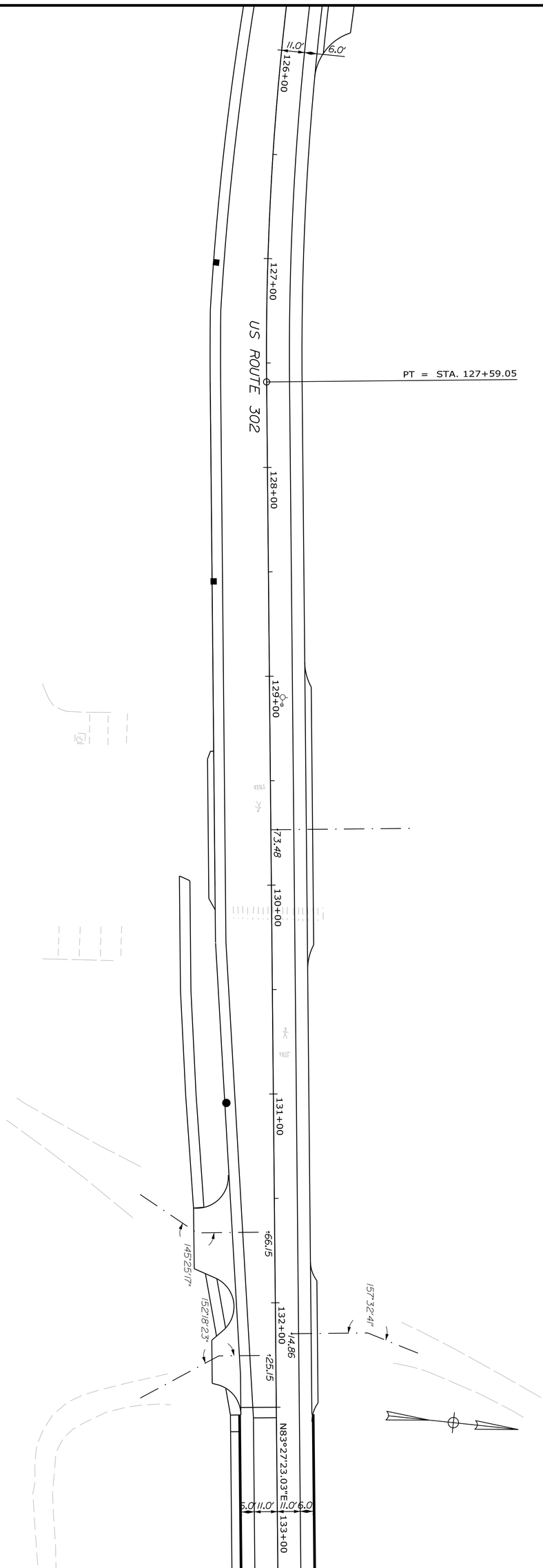
FRYEBURG
US ROUTE 302

GEOMETRIC AND CURB
LAYOUT PLAN

SHEET NUMBER

33

OF 124



SHEET NUMBER 34 OF 124

FRYEBURG
US ROUTE 302
GEOMETRIC AND CURB LAYOUT PLAN

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

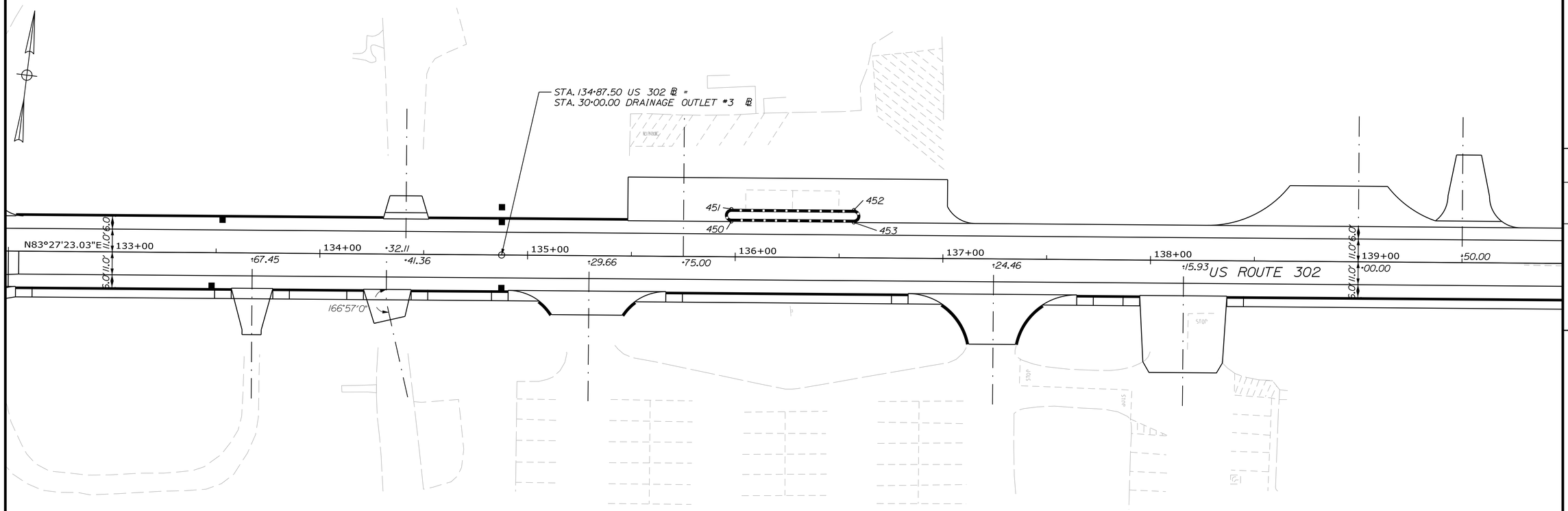
CONTROL POINTS FOR US ROUTE 302				
POINT	STATION	OFFSET	X COORD.	Y COORD.
450	135+98.00	17.00 LT	433159.8307	829234.1347
451	135+98.00	23.00 LT	433165.7917	829233.4509
452	136+57.00	23.00 LT	433172.5153	829292.0666
453	136+57.00	17.00 LT	433166.5543	829292.7503

ITEM 609.38 RESET CURB TYPE 1

POINT	LENGTH (FT)	RADIUS (FT)
450 TO 451	9.42	3.00
451 TO 452	59.00	-
452 TO 453	9.42	3.00
453 TO 450	59.00	-

ITEM 609.31 CURB TYPE 3

STATION	OFFSET	LENGTH (FT)	RADIUS (FT)
132+53.54 TO 133+57.45	RT	103.91	-
132+53.54 TO 134+30.36	LT	176.82	-
133+77.45 TO 134+21.11	RT	43.66	-
134+44.11 TO 134+90.79	RT	46.67	-
134+52.36 TO 135+48.12	LT	95.75	-
135+05.79 TO 135+11.83	RT	8.92	25.00
135+45.69 TO 135+51.73	RT	8.92	25.00
135+66.73 TO 136+83.41	RT	116.68	-
136+99.80 TO 137+12.75	RT	23.68	30.23
137+64.62 TO 137+94.93	RT	30.00	-
138+36.93 TO 140+36.54	RT	199.61	-
140+78.54 TO 141+10.72	RT	32.18	-
141+10.72 TO 143+46.58	RT	236.43	7017.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

GEOMETRIC AND CURB
LAYOUT PLAN

SHEET NUMBER

35

OF 124

Filename: ...\HIGHWAY\MSTA_Geometry08.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

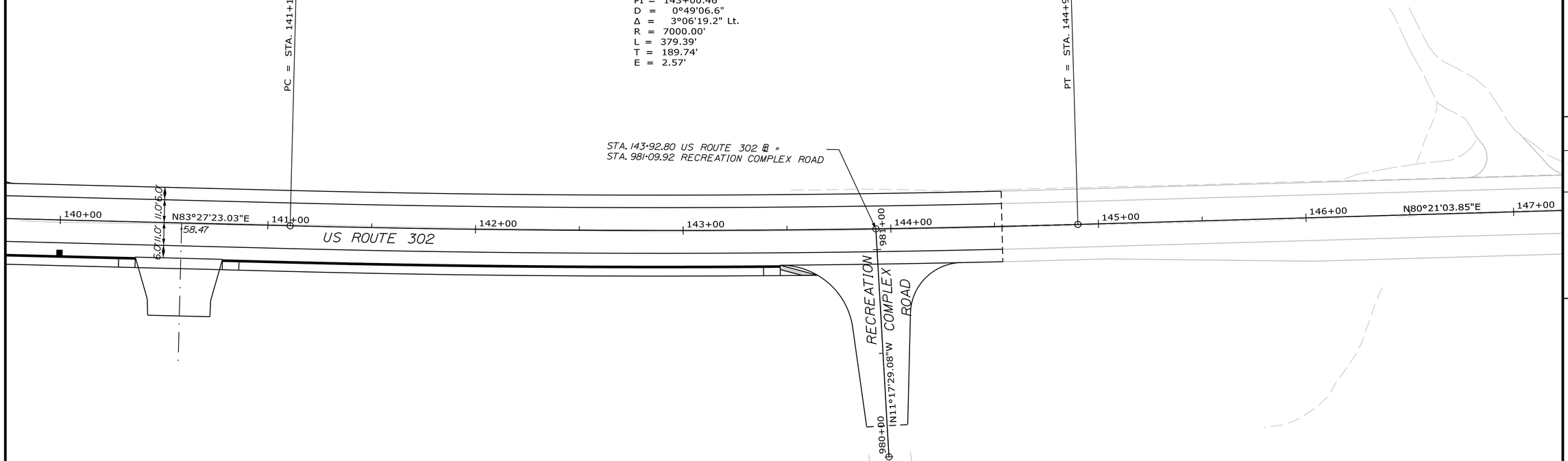
Filename: ...\HIGHWAY\MSTA_Geometry09.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

CURVE DATA #4
PI = 143+00.46
D = 0°49'06.6"
Δ = 3°06'19.2" Lt.
R = 7000.00'
L = 379.39'
T = 189.74'
E = 2.57'

PC = STA. 141+10.72

PT = STA. 144+90.11

STA. 143+92.80 US ROUTE 302 ℄ =
STA. 981+09.92 RECREATION COMPLEX ROAD



ITEM 609.31 CURB TYPE 3

STATION	OFFSET	LENGTH (FT)	RADIUS (FT)
140+78.54 TO 141+10.72	RT	32.18	-
141+10.72 TO 143+46.58	RT	236.43	7017.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	07\2020
P. POTTLE	LEM	
L. MEEK	THG	
T. GLEESON		

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

FRYEBURG
US ROUTE 302

GEOMETRIC AND CURB LAYOUT PLAN

SHEET NUMBER

36

OF 124

Filename: ...\10\HIGHWAY\MSTA_HDPlan1.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STA. 79+00.00
BEGIN PROJECT I72800I
MATCH INTO PROJECT NH-I728(000)E

CONNECT TO EXIST. CB INSTALLED UNDER WIN I7280.00

REMOVE GRANITE BLOCKS (INCIDENTAL TO COMMON EXCAVATION)

6" X 45' U.D. TYPE B

CB 4

12" X 72' OPT. III

REMOVE HYDRANT (BY OTHERS)

6" X 101' U.D. TYPE B

REMOVE CULVERT

REMOVE CB

CB 6

12" X 66' OPT. III

CB 7

6" X 238' U.D. TYPE B

12" X 111' OPT. III

PLUG AND ABANDON CULVERT

REMOVE CB

12" X 10' OPT. III

CB 9

CB 8

18" X 96' U.D. TYPE C

CB 10

18" X 16' OPT. III

REMOVE CULVERT

US ROUTE 302
STATE ROUTE 113

PT = STA. 801+32.06

PI = STA. 78+51.72

6" X 232' U.D. TYPE B

CB 2

PC = STA. 800+60.19

REMOVE TREES

PROPOSED HYDRANT (BY OTHERS)

REMOVE POLE (BY OTHERS)

STA. 800+60.00
LIMIT OF WORK
MATCH EXISTING PAVEMENT

OXFORD STREET

PROPOSED WATERMAIN (BY OTHERS)

REMOVE CB

CONNECT CB TO EXISTING 12" PIPE

REMOVE CULVERT

CONNECT 4" PVC INTO U.D. AS DIRECTED BY RESIDENT

REMOVE CB

REMOVE POLE (BY OTHERS)

GRADE AROUND POSTAL MAILBOX

REMOVE CB

15" X 58' RCP

6" X 72' U.D. TYPE B

12" X 148' U.D. TYPE C

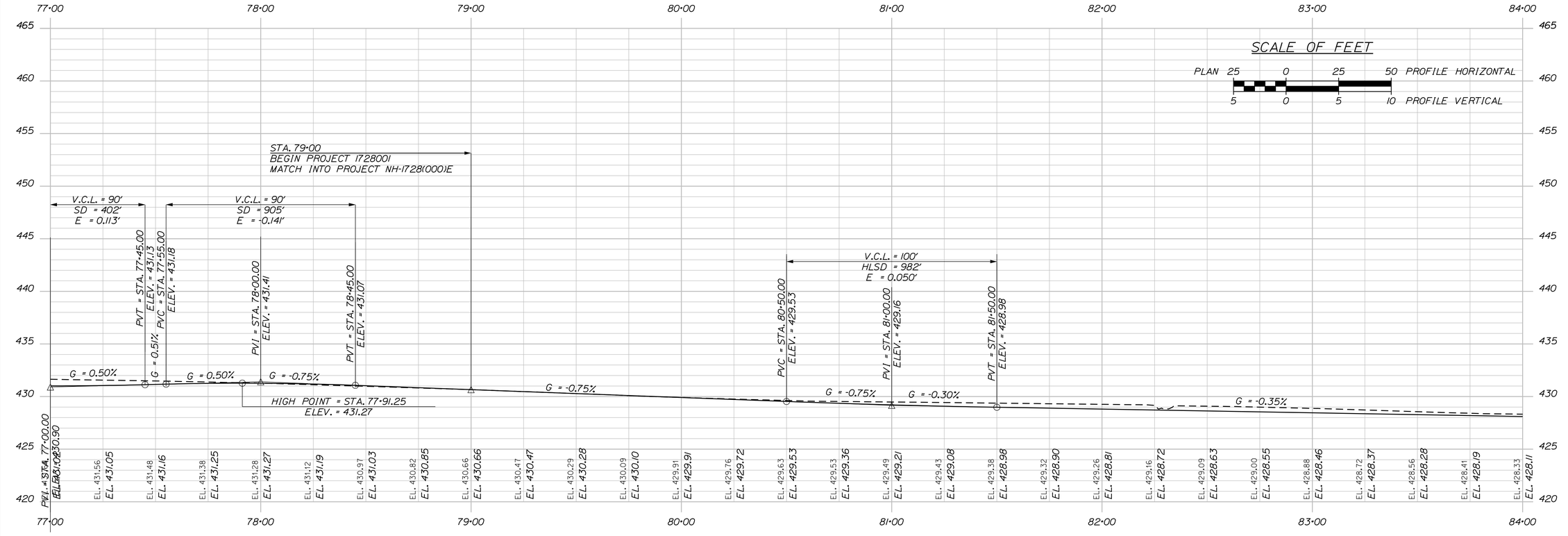
CB 3

CB 12

12" X

PORTLAND STREET
STATE ROUTE 5/113

STA. 821+00



PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L.MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

P.E. NUMBER

SIGNATURE

07\7\2020

DATE

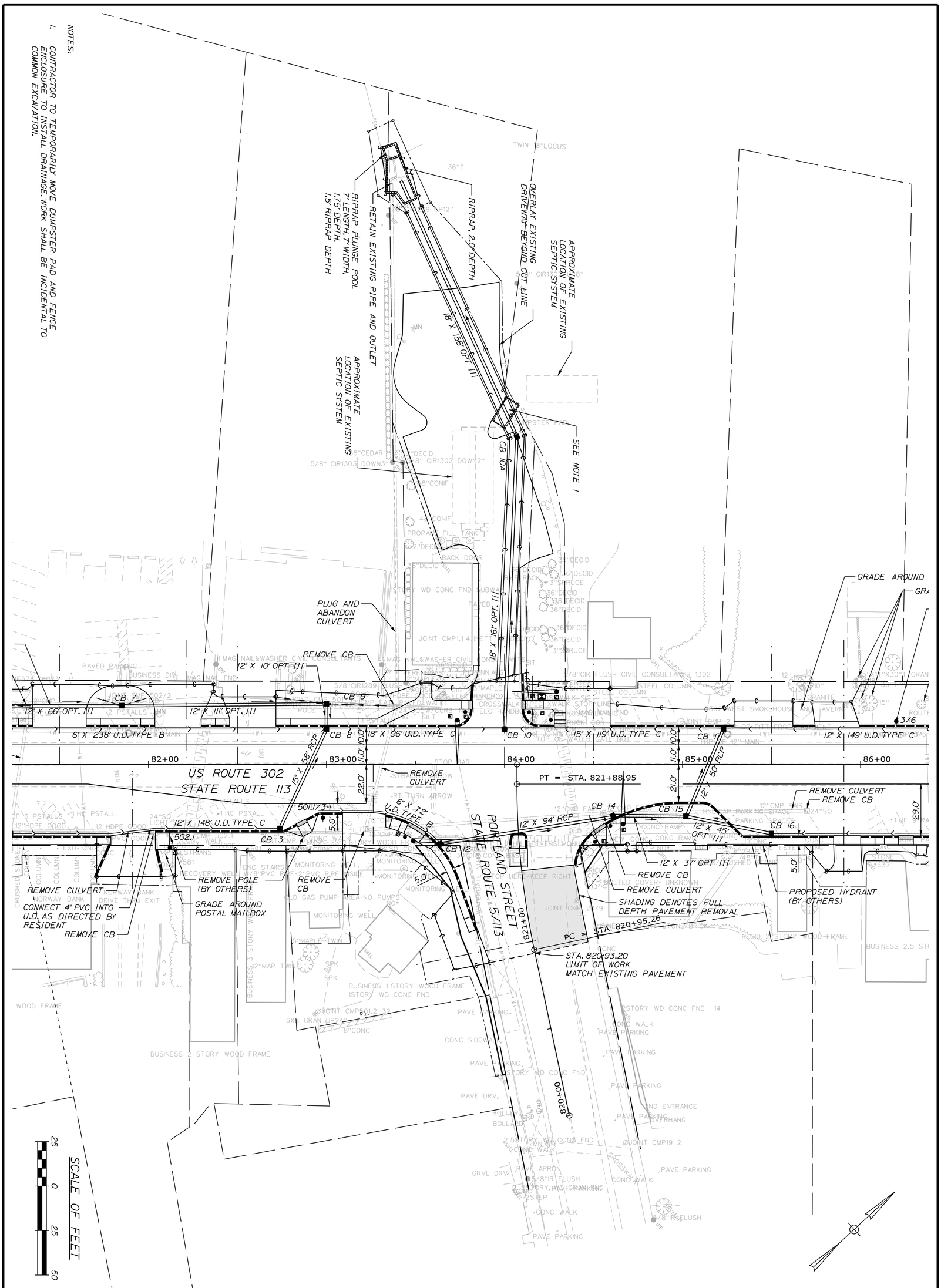
FRYEBURG
US ROUTE 302

PLANS / PROFILES

SHEET NUMBER

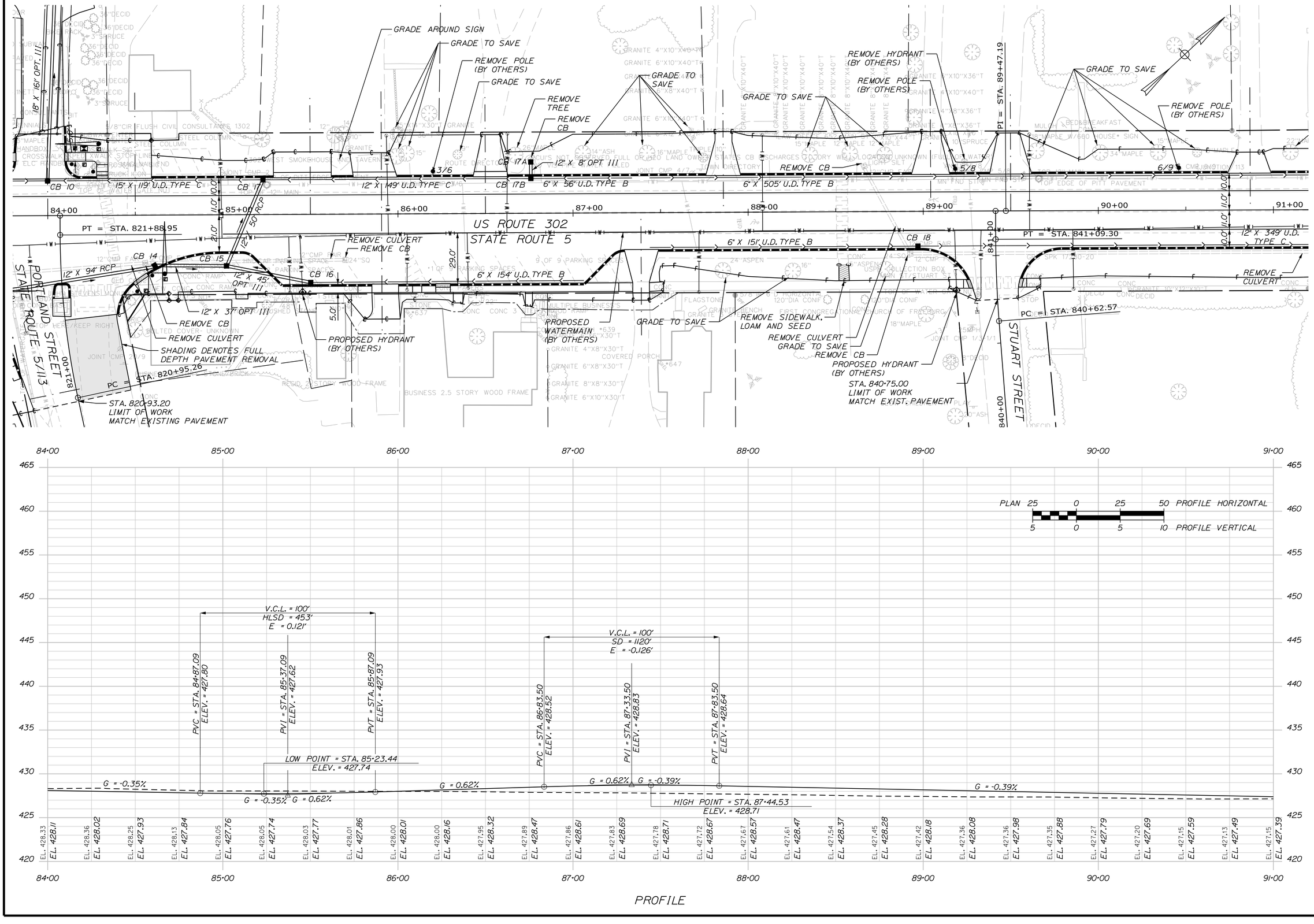
37

OF 124



SHEET NUMBER 38 OF 124	FRYEBURG US ROUTE 302 PLANS / PROFILES	PROJ. MANAGER E. MARTIN / BY / DATE DESIGN-DETAILED P. POTTLE PLP CHECKED-REVIEWED L. MEEK LEM 07\2020 DESIGN2-DETAILED2 T. GLEESON THG DESIGN3-DETAILED3 REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES SIGNATURE P.E. NUMBER DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 1728001 WIN 17280.01 HIGHWAY PLANS

Filename: ...\10\HIGHWAY\MSTA_HDPlan3.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP 07/2020
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

P.E. NUMBER

SIGNATURE

DATE

FRYEBURG
US ROUTE 302

PLANS / PROFILES

SHEET NUMBER

39

OF 124

Filename: ...\10\HIGHWAY\MSTA_HDPlan4.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

REMOVE CB
GRADE TO SAVE
GRADE TO SAVE
REMOVE POLE (BY OTHERS)
GRADE TO SAVE
REMOVE POLE (BY OTHERS)
GRADE TO SAVE
GRADE TO SAVE
REMOVE POLE (BY OTHERS)
REMOVE POLE (BY OTHERS)
REMOVE CB
REMOVE CULVERT
REMOVE HYDRANT (BY OTHERS)
GRADE TO SAVE
PI = STA. 96+74.35
6" X 505' U.D. TYPE B
CB 19
12" X 746' U.D. TYPE C
US ROUTE 302
STATE ROUTE 5
REMOVE CULVERT
REMOVE CB
CB 20
12" X 397' U.D. TYPE C
12" X 349' U.D. TYPE C
REMOVE CULVERT
GRADE TO SAVE
REMOVE CULVERT
GRADE TO SAVE
GRADE TO SAVE
GRADE TO SAVE
PROPOSED WATERMAIN (BY OTHERS)
GRADE TO SAVE
REMOVE CULVERT
REMOVE CB
12" X 3' OPT. III MATCH INTO EXIST. 12" PIPE
CB 22A
REMOVE CULVERT
REMOVE CB
15" X 346' U.D. TYPE C
PROPOSED HYDRANT (BY OTHERS)
REMOVE CULVERT
BRADLEY STREET
LIMIT OF WORK BRADLEY STREET STA. 860+25.00
861+00
860+00
91+00
92+00
93+00
94+00
95+00
96+00
97+00
98+00

SCALE OF FEET
PLAN 25 0 25 50 PROFILE HORIZONTAL
5 0 5 10 PROFILE VERTICAL

V.C.L. = 100'
HLSD = 484'
E = 0.112'
PVC = STA. 92+06.00
ELEV. = 426.98
PVI = STA. 92+56.00
ELEV. = 426.78
PVT = STA. 93+06.00
ELEV. = 427.03
LOW POINT = STA. 92+50.00
ELEV. = 426.89
G = -0.39%
G = -0.39%
G = 0.50%
G = 0.50%
V.C.L. = 100'
SD = 1129'
E = -0.125'
PVC = STA. 95+50.00
ELEV. = 428.25
PVI = STA. 96+00.00
ELEV. = 428.50
PVT = STA. 96+50.00
ELEV. = 428.25
G = 0.50%
G = -0.50%
G = -0.50%
HIGH POINT = STA. 96+00.00
ELEV. = 428.37

465 460 455 450 445 440 435 430 425 420

EL. 427.15 EL. 427.39 | EL. 427.11 EL. 427.29 | EL. 427.07 EL. 427.20 | EL. 427.04 EL. 427.10 | EL. 427.02 EL. 427.00 | EL. 427.02 EL. 426.92 | EL. 427.03 EL. 426.89 | EL. 427.11 EL. 426.92 | EL. 427.20 EL. 427.00 | EL. 427.27 EL. 427.13 | EL. 427.31 EL. 427.25 | EL. 427.34 EL. 427.38 | EL. 427.38 EL. 427.50 | EL. 427.43 EL. 427.63 | EL. 427.49 EL. 427.75 | EL. 427.50 EL. 427.88 | EL. 427.49 EL. 428.00 | EL. 427.45 EL. 428.13 | EL. 427.40 EL. 428.25 | EL. 427.38 EL. 428.34 | EL. 427.38 EL. 428.37 | EL. 427.35 EL. 428.34 | EL. 427.33 EL. 428.25 | EL. 427.29 EL. 428.12 | EL. 427.26 EL. 428.00 | EL. 427.26 EL. 427.87 | EL. 427.29 EL. 427.75 | EL. 427.37 EL. 427.62 | EL. 427.43 EL. 427.50

91+00 92+00 93+00 94+00 95+00 96+00 97+00 98+00

PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

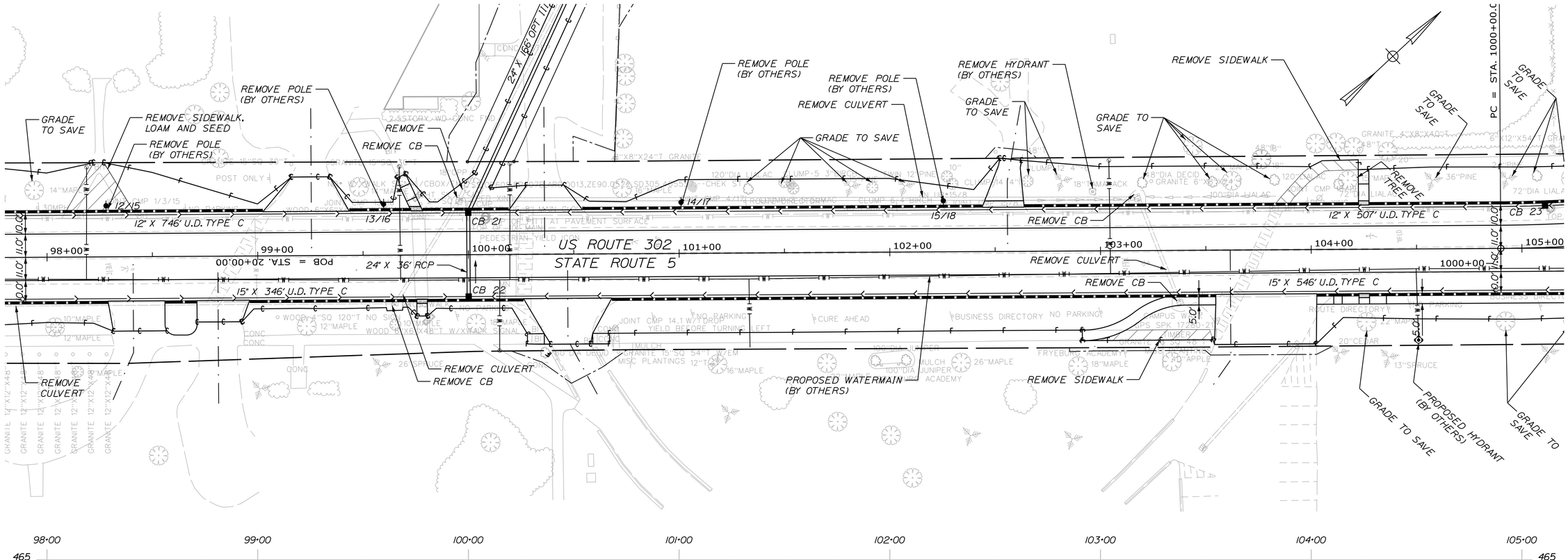
PLANS / PROFILES

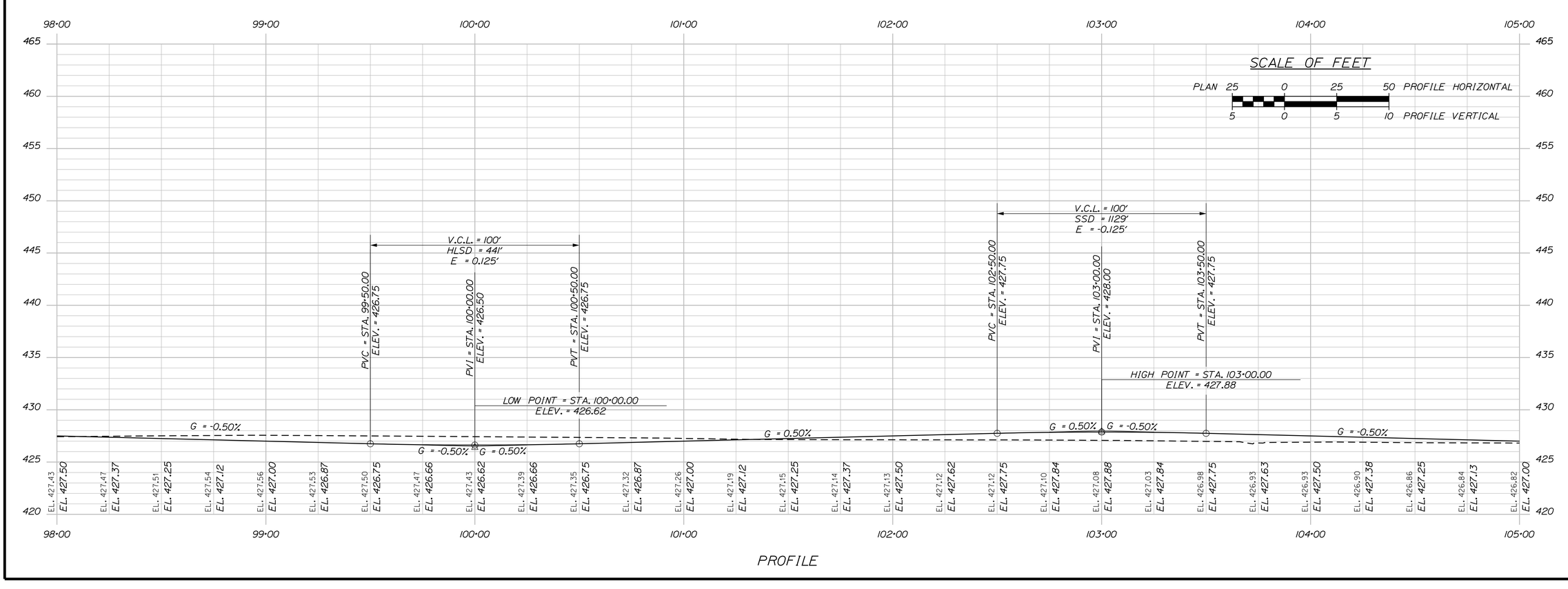
SHEET NUMBER

40

OF 124

Filename: ...\10\HIGHWAY\MSTA_HDPlan5.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP 07/2020
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

PLANS / PROFILES

SHEET NUMBER

41

OF 124

STA. 1004+50.00
LIMIT OF WORK LT.
MATCH EXISTING PAVEMENT

LIMIT OF WORK
STA. 1004+80.11 RT.

SHADING DENOTES
FULL DEPTH
PAVEMENT REMOVAL

MAIN STREET

1004+00

6" X 80' U.D. TYPE B

PT = STA. 1003+47.51

PROPOSED HYDRANT
(BY OTHERS)

REMOVE HYDRANT
(BY OTHERS)

CB 24

12" X 53' U.D. TYPE C

GRADE TO SAVE

12" X 55'
RCP

2000+00

ROUTE 5 CONNECTOR

CB 25

CB 25A

12" X
34" RCP

1003+00

GRADE TO SAVE

6" X 82' U.D. TYPE B

700

CB 24A

11.0'

11.0'

2.0%

12" X 53'
U.D. TYPE C

2001+00

REMOVE POLE
(BY OTHERS)

CB 26

108+00

109+00

PC = STA. 1001+85.64

STATE ROUTE 5

1002+00

6" X 81' U.D.
TYPE B

701

CB 27

107+00

110+00

REMOVE POLE
(BY OTHERS)

CB 27A

GRADE TO SAVE

GRADE TO
SAVE

12" X 12' OPT. III

PROPOSED WATER MAIN
(BY OTHERS)

REMOVE POLE
(BY OTHERS)

REMOVE CB

6" X 334' U.D. TYPE B

PT = STA. 109+90.80

US ROUTE 302

111+00

REMOVE POLE
(BY OTHERS)

702

112+00

PC = STA. 1000+65.78

GRADE
TO
SAVE

US ROUTE 302

1001+00

106+00

12" X 262' U.D. TYPE C

12" X 230' U.D. TYPE C

CB 24A

GRADE TO SAVE

GRADE
TO
SAVE

CB 23

105+00

REMOVE
TREE

REMOVE POLE
(BY OTHERS)

12" X 507' U.D. TYPE C

1000+00

104+00

15" X 546' U.D. TYPE C

PROPOSED HYDRANT
(BY OTHERS)

GRADE TO SAVE

FOR PROFILE
SEE NEXT SHEET

SCALE OF FEET

25 0 25 50

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

07/2020 SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

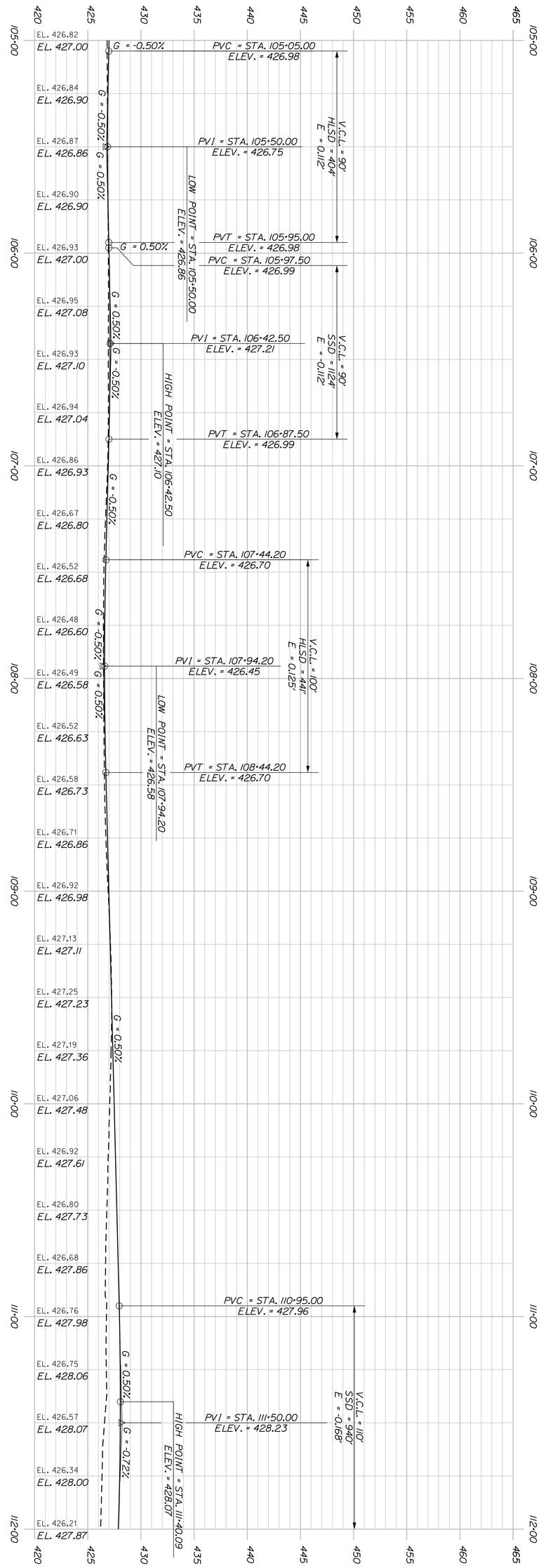
PLANS / PROFILES

SHEET NUMBER

42

OF 124

Filename: ...\10\HIGHWAY\MSTA_HDPlan6.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



FOR PLAN SEE PREVIOUS SHEET

SCALE OF FEET

5 0 5 10 PROFILE VERTICAL

25 0 25 50 PROFILE HORIZONTAL

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

SHEET NUMBER 43 OF 124

FRYEBURG
US ROUTE 302

PLANS / PROFILES

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01 HIGHWAY PLANS

Filename: ...\10\HIGHWAY\MSTA_HDPlan7.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

REMOVE POLE (BY OTHERS)

GRADE AROUND UTILITY SERVICE

PC = STA. 118+68.54

US ROUTE 302

112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00

SCALE OF FEET

PLAN 25 0 25 50 PROFILE HORIZONTAL

5 0 5 10 PROFILE VERTICAL

V.C.L. = 110'
SSD = 940'
E = -0.168'
PVT = STA. 112+05.00
ELEV. = 427.84

PVC = STA. 113+45.00
ELEV. = 426.83

V.C.L. = 110'
HLSD = 921'
E = 0.065'
PVI = STA. 114+00.00
ELEV. = 426.43

PVT = STA. 114+55.00
ELEV. = 426.30

PVC = STA. 114+95.00
ELEV. = 426.20

V.C.L. = 110'
SSD = 4372'
E = -0.034'
PVI = STA. 115+50.00
ELEV. = 426.06

PVT = STA. 116+05.00
ELEV. = 425.78

PVC = STA. 117+45.00
ELEV. = 425.08

V.C.L. = 110'
SSD = 12850'
E = -0.012'
PVI = STA. 118+00.00
ELEV. = 424.81

PVT = STA. 118+55.00
ELEV. = 424.49

G = -0.72% G = -0.72% G = -0.25% G = -0.25% G = -0.25% G = -0.50% G = -0.50% G = -0.50% G = -0.58% G = -0.58%

EL. 426.21	EL. 426.07	EL. 425.94	EL. 425.82	EL. 425.68	EL. 425.53	EL. 425.40	EL. 425.26	EL. 425.12	EL. 424.97	EL. 424.83	EL. 424.71	EL. 424.61	EL. 424.46
EL. 427.87	EL. 427.69	EL. 427.51	EL. 427.33	EL. 427.15	EL. 426.97	EL. 426.79	EL. 426.63	EL. 426.50	EL. 426.39	EL. 426.31	EL. 426.25	EL. 426.18	EL. 426.11

EL. 424.32	EL. 424.16	EL. 424.07	EL. 423.95	EL. 423.81	EL. 423.68	EL. 423.49	EL. 423.25	EL. 423.26	EL. 423.06	EL. 422.84	EL. 422.66	EL. 422.48	EL. 422.35	EL. 422.28
EL. 426.02	EL. 425.92	EL. 425.81	EL. 425.68	EL. 425.56	EL. 425.43	EL. 425.31	EL. 425.18	EL. 425.06	EL. 424.93	EL. 424.80	EL. 424.66	EL. 424.52	EL. 424.37	EL. 424.22

PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L.MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

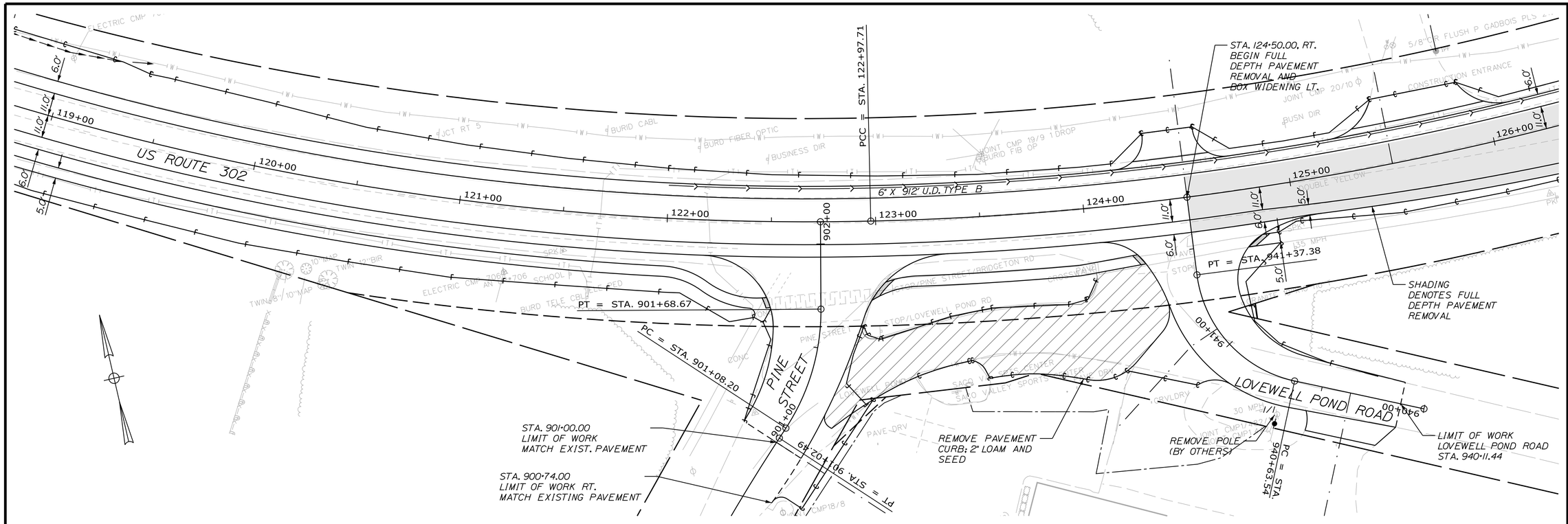
PLANS / PROFILES

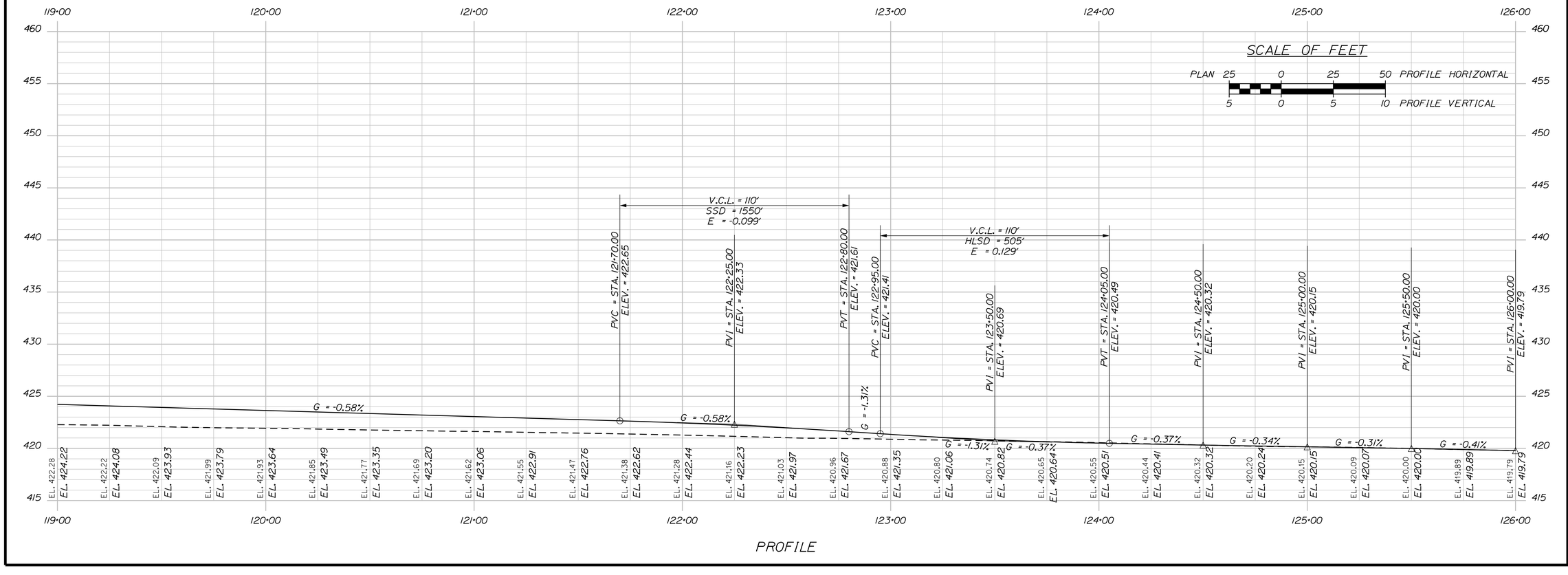
SHEET NUMBER

44

OF 124

Filename: ...\10\HIGHWAY\MSTA_HDPlan8.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L.MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

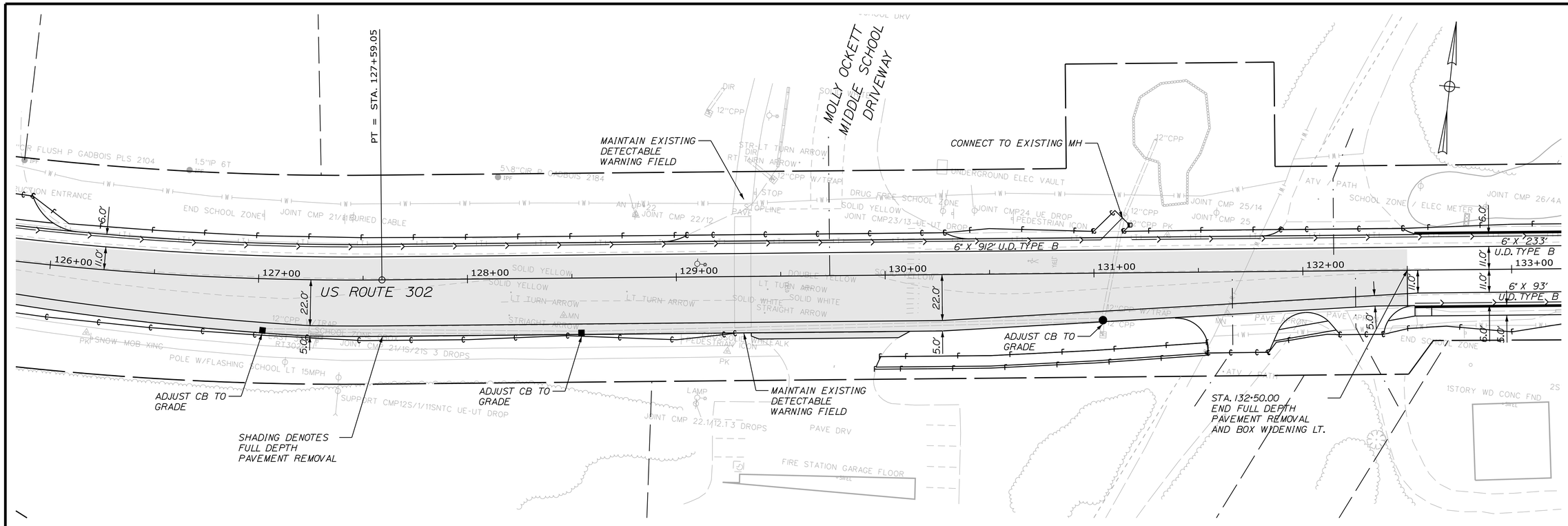
PLANS / PROFILES

SHEET NUMBER

45

OF 124

Filename: ...\10\HIGHWAY\MSTA_HDPlan9.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L.MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

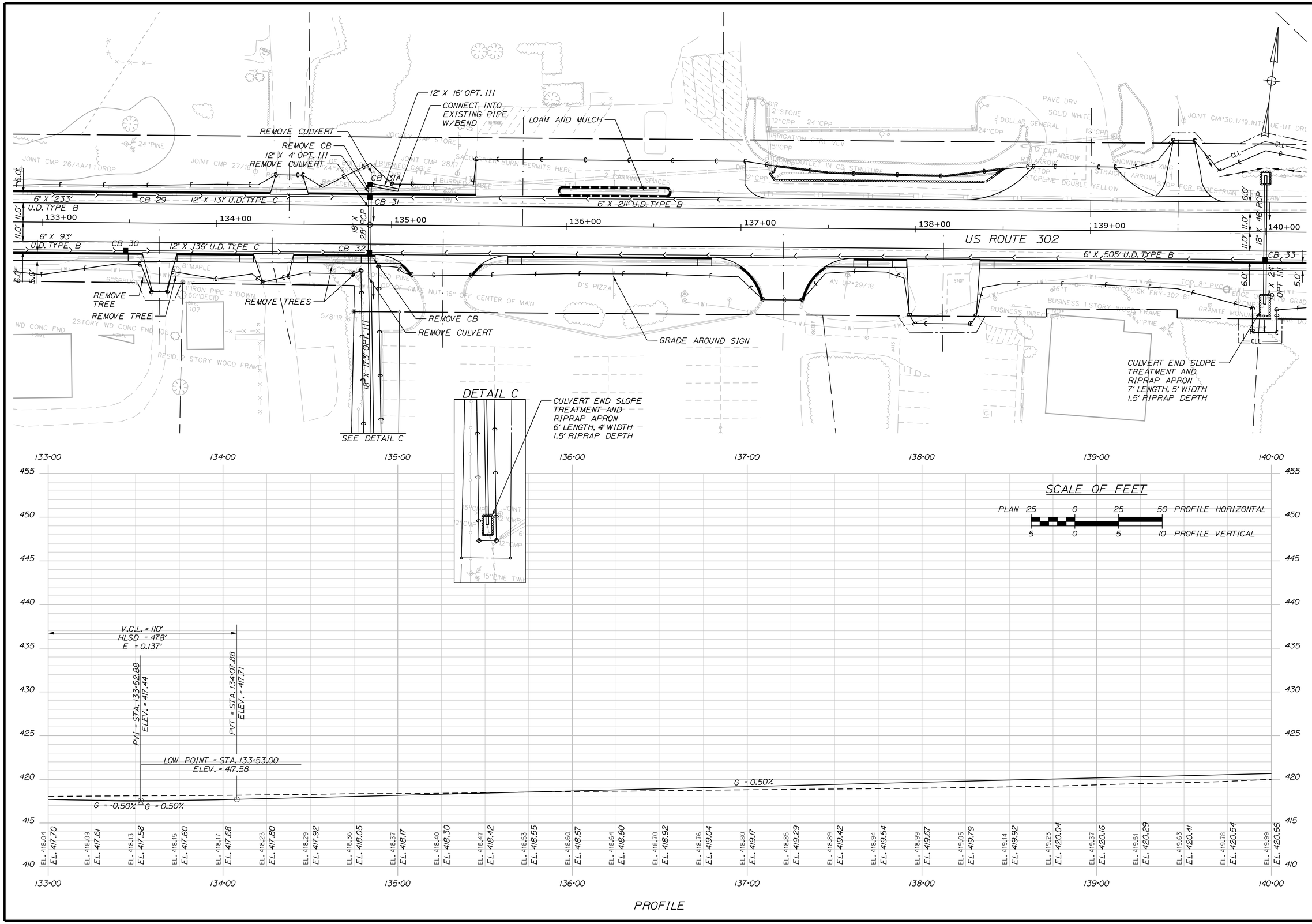
PLANS / PROFILES

SHEET NUMBER

46

OF 124

Filename: ...\10\HIGHWAY\MSTA_HDPlan10.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020



PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

PLANS / PROFILES

SHEET NUMBER

47

OF 124

PC = STA. 141+10.72

PT = STA. 144+90.11

STA. 144+53.54
END PROJECT 1728001
MATCH INTO PROJECT NH-1728(000)E

MATCH SWALE FROM
WIN 17280.00

US ROUTE 302

6" X 345' U.D. TYPE B

18" X 46' RCP

18" X 24' OPT III

CB 33

REMOVE TREES

RECREATION COMPLEX ROAD

STA. STA. 980+15.00
LIMIT OF WORK
MATCH EXIST. PAVEMENT

STONE PLANTER

GRAVEL ENTRANCE

FRYEBURG SELF STORAGE

WOODS TRAIL

ROD/DISK FRY-302-80

SCALE OF FEET

PLAN 25 0 25 50 PROFILE HORIZONTAL

5 0 5 10 PROFILE VERTICAL

STA. 144+53.54
END PROJECT 1728001
MATCH INTO PROJECT NH-1728(000)E

V.C.L. = 150'
HLSD = 474'
E = 0.258'

PVC = STA. 140+64.54
ELEV. = 420.98

PVI = STA. 141+39.54
ELEV. = 421.36

PVT = STA. 142+14.54
ELEV. = 422.76

V.C.L. = 150'
SSD = 860'
E = -0.258'

PVC = STA. 144+18.48
ELEV. = 426.58

PVI = STA. 144+93.48
ELEV. = 427.99

PVT = STA. 145+68.48
ELEV. = 428.36

V.C.L. = 250'
SSD = 591'
E = -0.724'

PVC = STA. 145+95.66
ELEV. = 428.50

HIGH POINT = STA. 146+49.62
ELEV. = 428.64

G = 0.50%

G = 1.87%

G = 0.50%

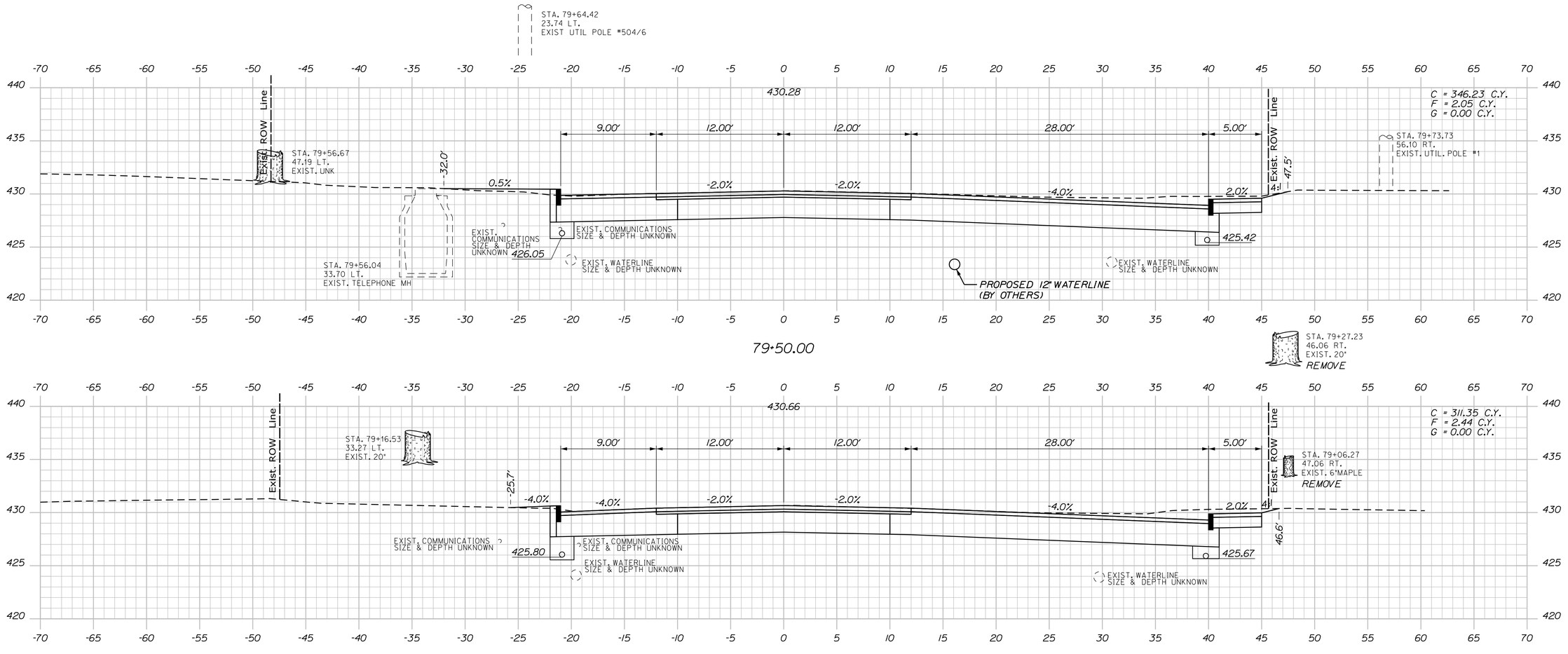
G = 1.87%

G = 1.87%

G = 0.50%

G = 0.50%

| | | |



Sta. 78+93.50 to Sta. 79+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN 17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN		
P. POTTLE	P.L.P	07\2020
L. MEEK	L.E.M	
T. GLEESON	T.H.G	

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

FRYEBURG
US ROUTE 302

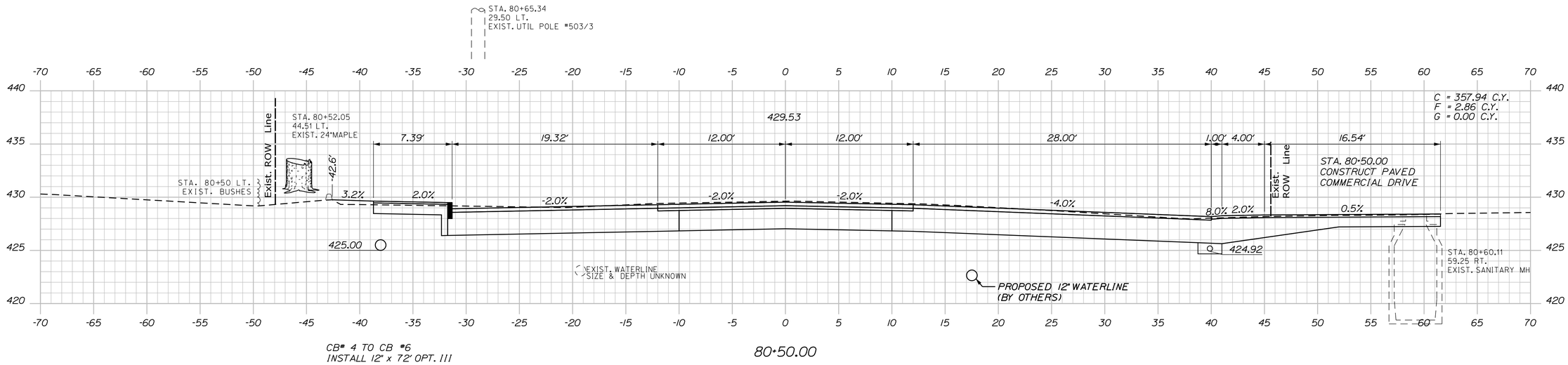
CROSS SECTIONS

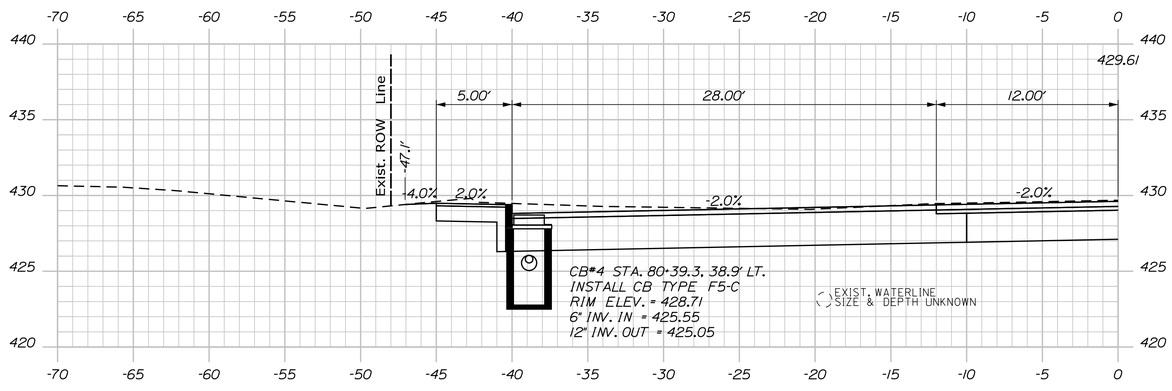
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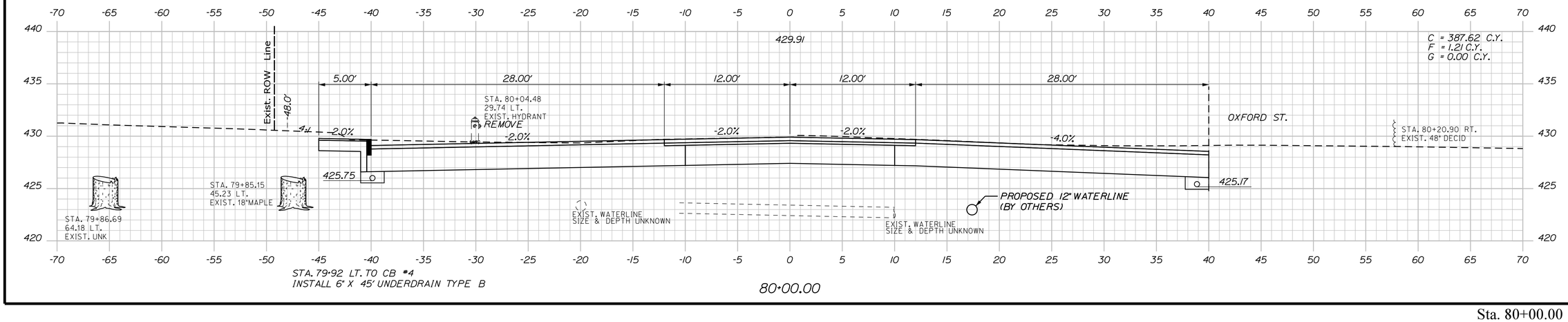
49

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP 07/2020
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

50

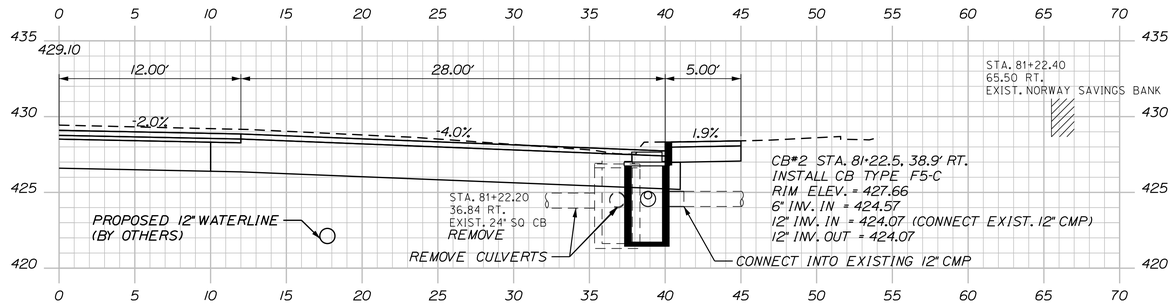
OF 124

Sta. 80+00.00 to Sta. 80+50.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

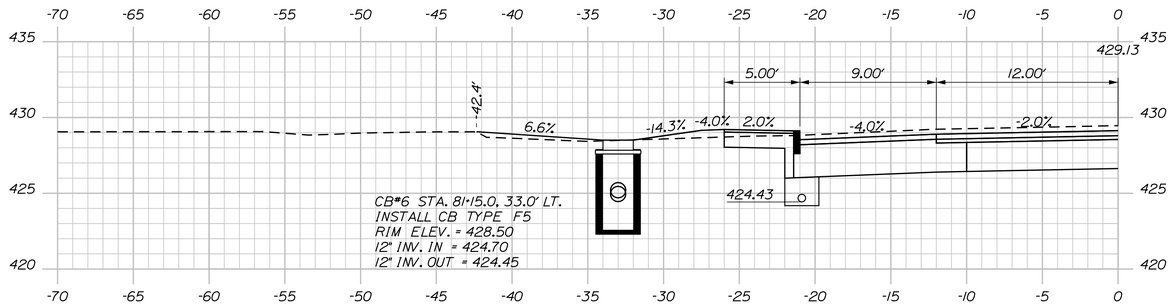
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CB#2 TO CB#3
INSTALL 12" X 148' UNDERDRAIN TYPE C

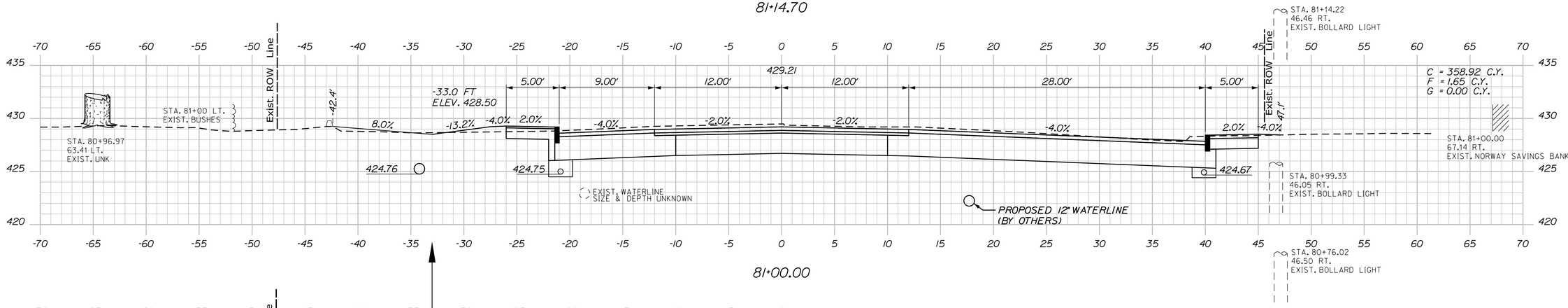


81+22.40

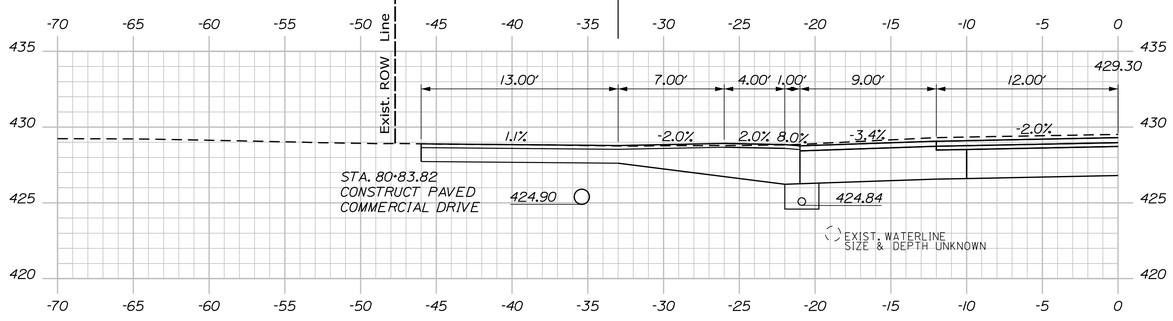
CB#6 TO CB#7
INSTALL 12" X 66' OPT. III



81+14.70



81+00.00



STA. 80+60.0 19.9 LT. TO CB #8
INSTALL 6" X 238' UNDERDRAIN TYPE B

80+83.82

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

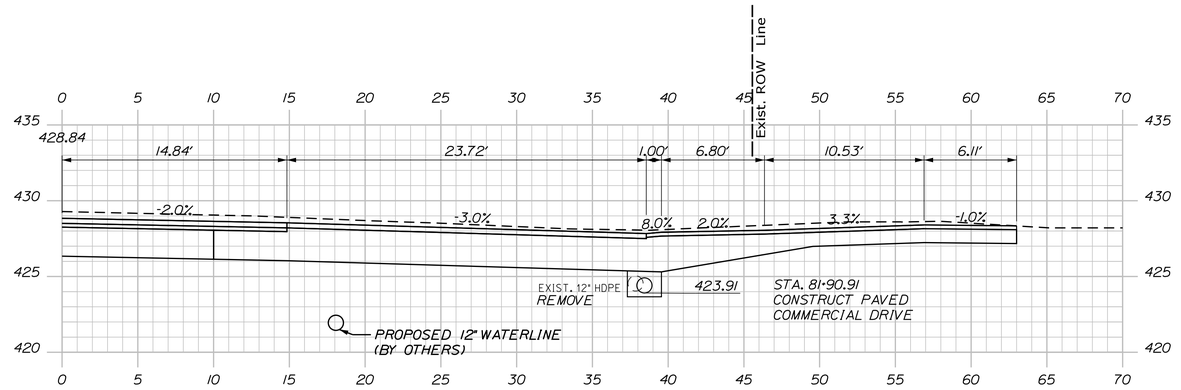
CROSS SECTIONS

SHEET NUMBER

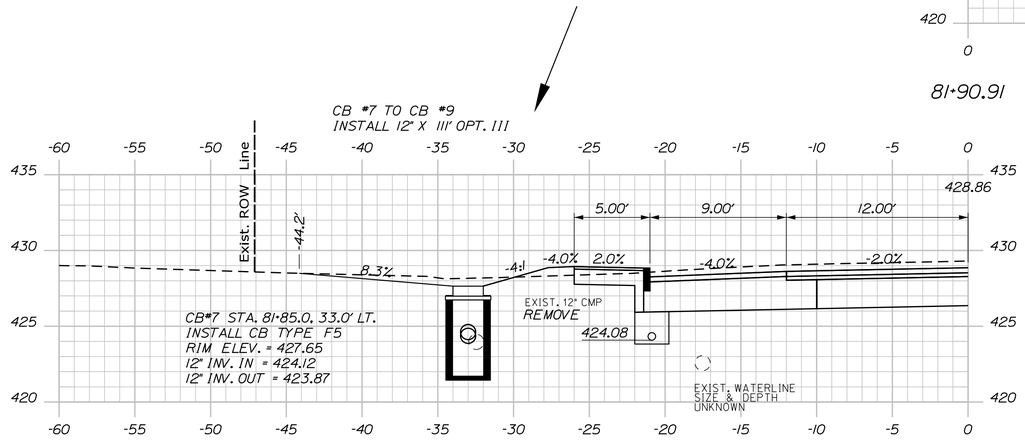
51

OF 124

Sta. 80+83.82 to Sta. 81+22.40

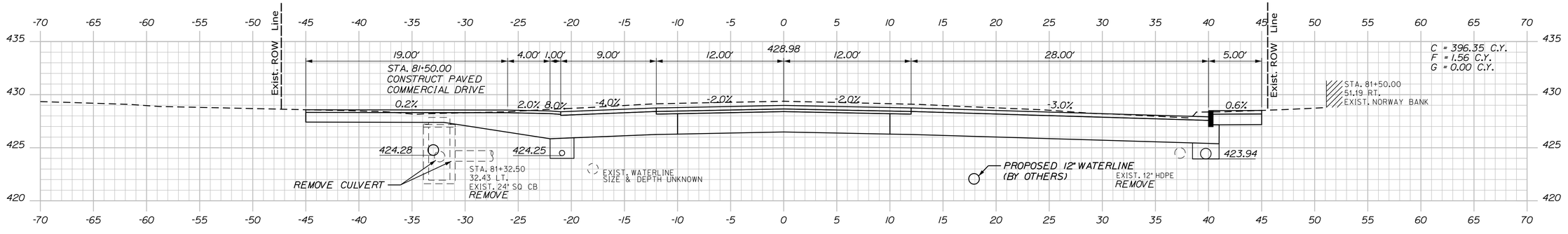


81+90.91



81+84.90

STA. 81+75.71
35.01 LT.
EXIST. UTIL POLE #502/2



81+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

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Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Sta. 81+50.00 to Sta. 81+90.91

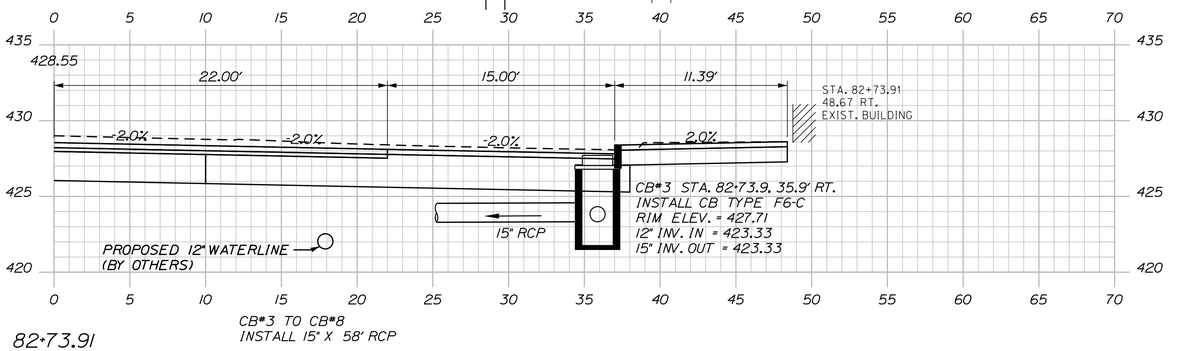
Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STA. 82+78.91
35.06 LT.
EXIST. UTIL POLE STUB

STA. 82+77.18
34.87 LT.
EXIST. UTIL POLE #501

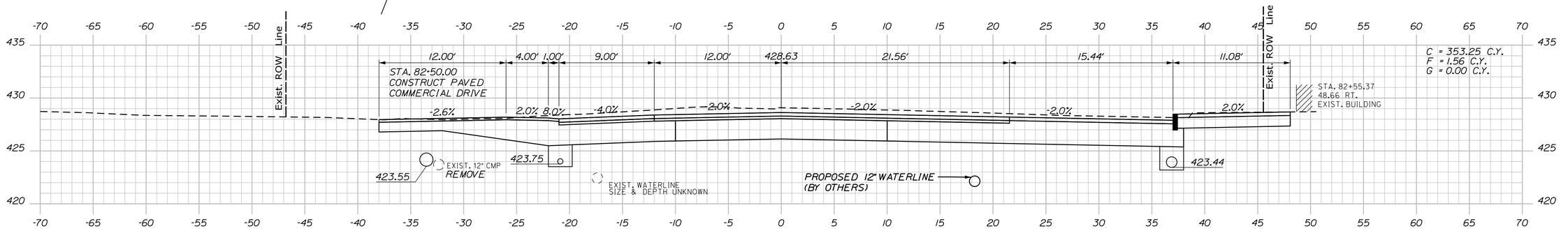
PROPOSED POLE 501.1/3-1
STA. 82+98.00
28.75' RT

STA. 82+87.15
39.45 RT.
EXIST. UTIL POLE #501.1/3-1
REMOVE

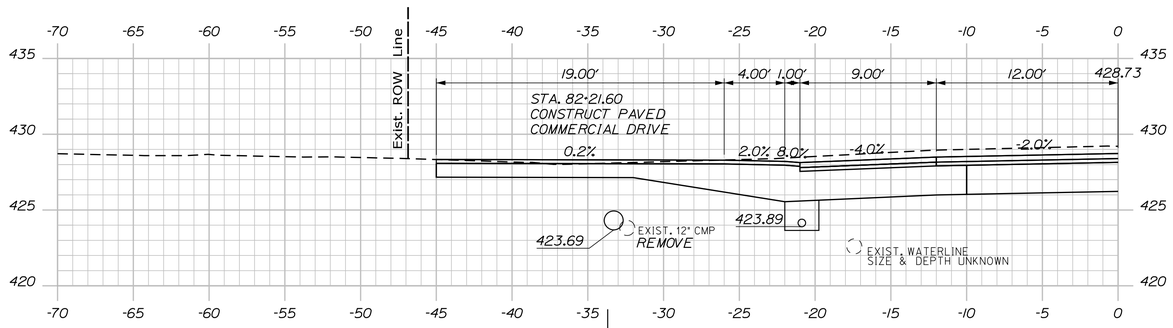


CB#3 TO CB#8
INSTALL 15" X 58' RCP

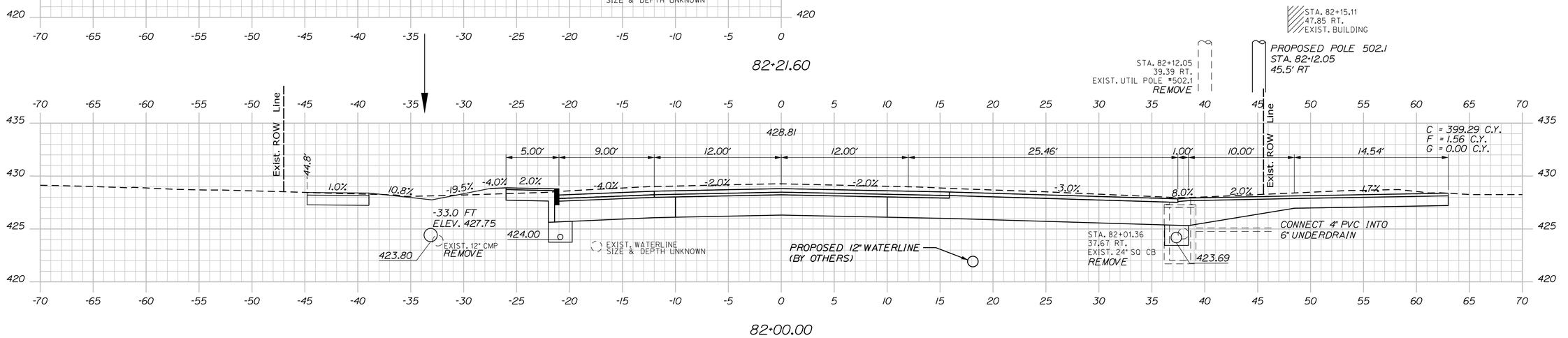
82+73.91



82+50.00



82+21.60



82+00.00

STA. 82+15.11
47.85 RT.
EXIST. BUILDING

PROPOSED POLE 502.1
STA. 82+12.05
45.5' RT

STA. 82+12.05
39.39 RT.
EXIST. UTIL POLE #502.1
REMOVE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	E. MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

53

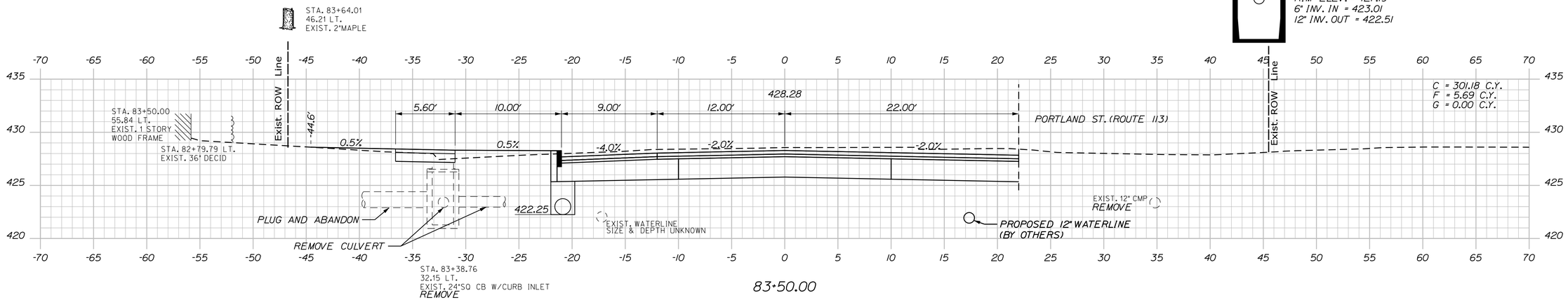
OF 124

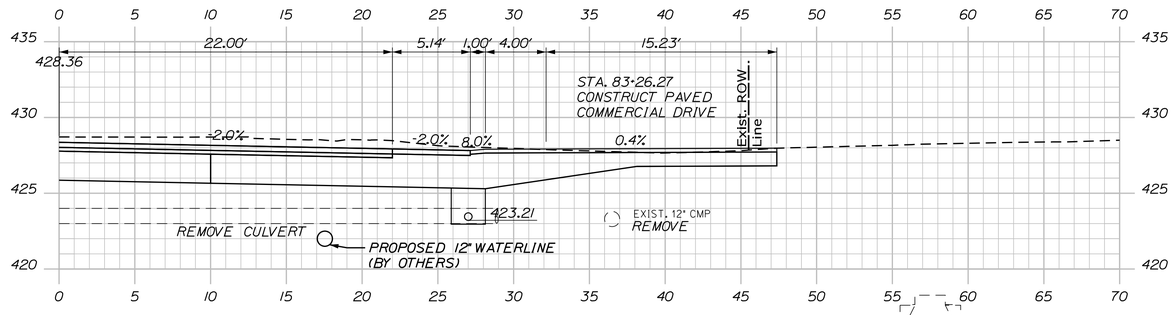
Sta. 82+00.00 to Sta. 82+73.91

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

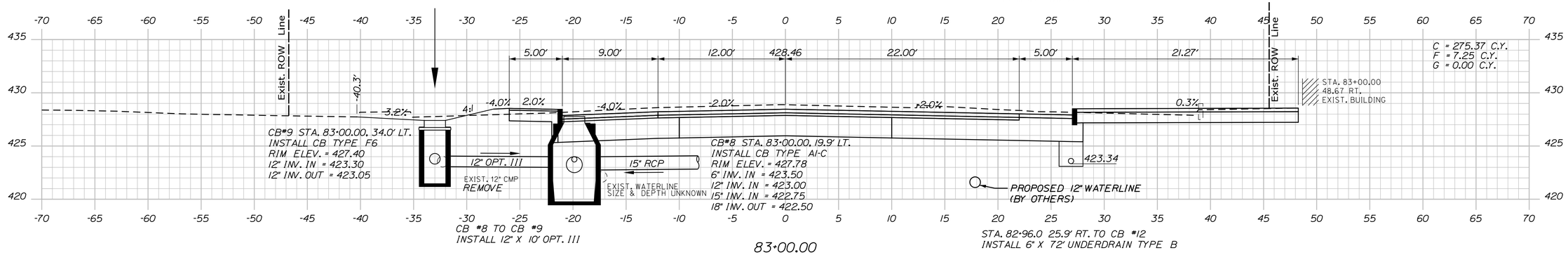
CB *12 TO CB *14
INSTALL 12" X 94' RCP

CB*12 STA. 83+64.19, 44.6' RT.
INSTALL CB TYPE AI-C
RIM ELEV. = 427.19
6" INV. IN = 423.01
12" INV. OUT = 422.51





CB *8 TO CB *10
INSTALL 18" X 96' UD TYPE C



REMOVE CULVERT

STA. 83+22.46
36.18 RT.
EXIST. 24" SQ CB
REMOVE

STA. 83+24.50
57.49 RT.
EXIST. UNK MH

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

	DATE
SIGNATURE	07\2020
P.E. NUMBER	
DATE	

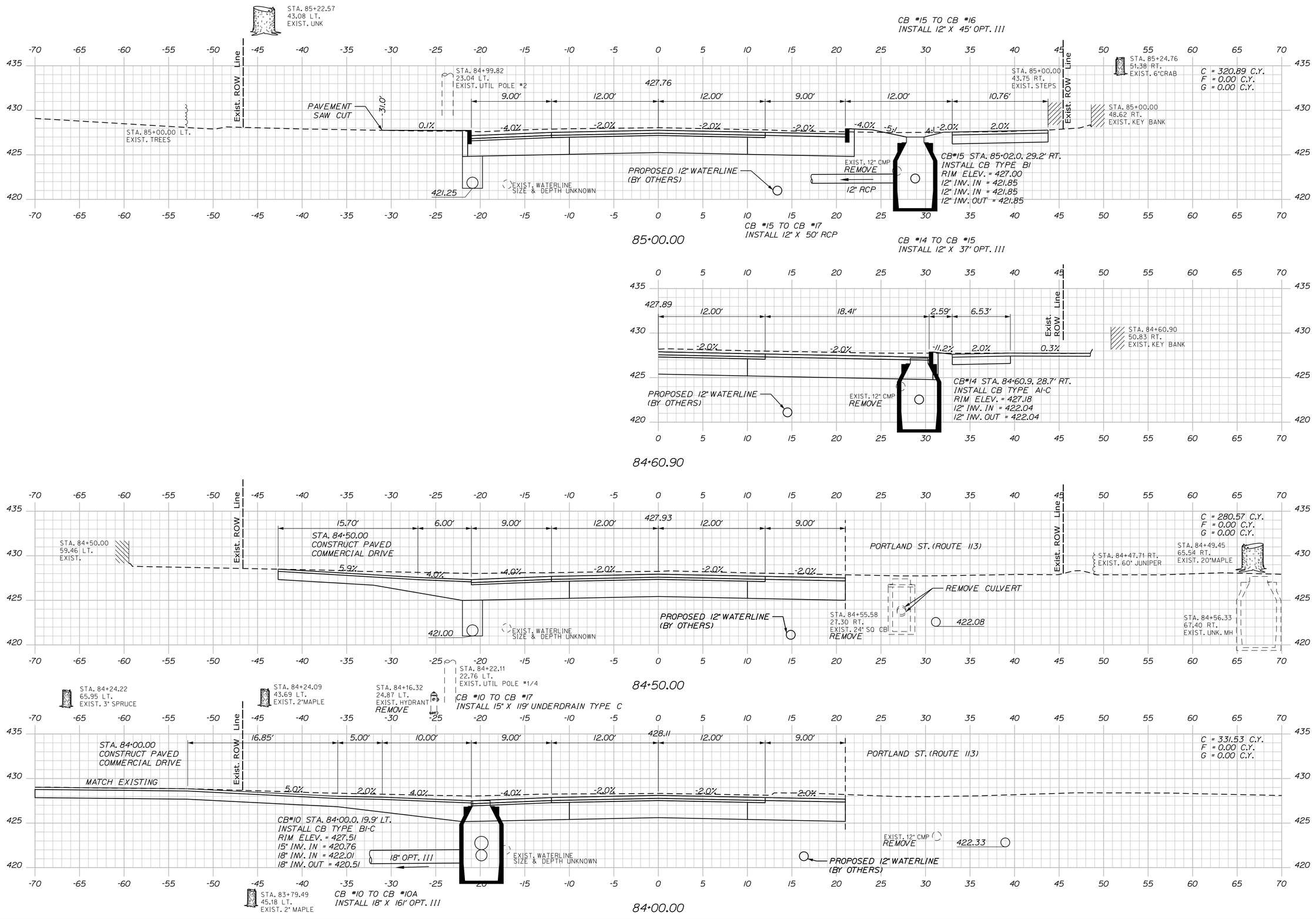
FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER
54
OF 124

Sta. 83+00.00 to Sta. 83+50.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
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REVISIONS 3			
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FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

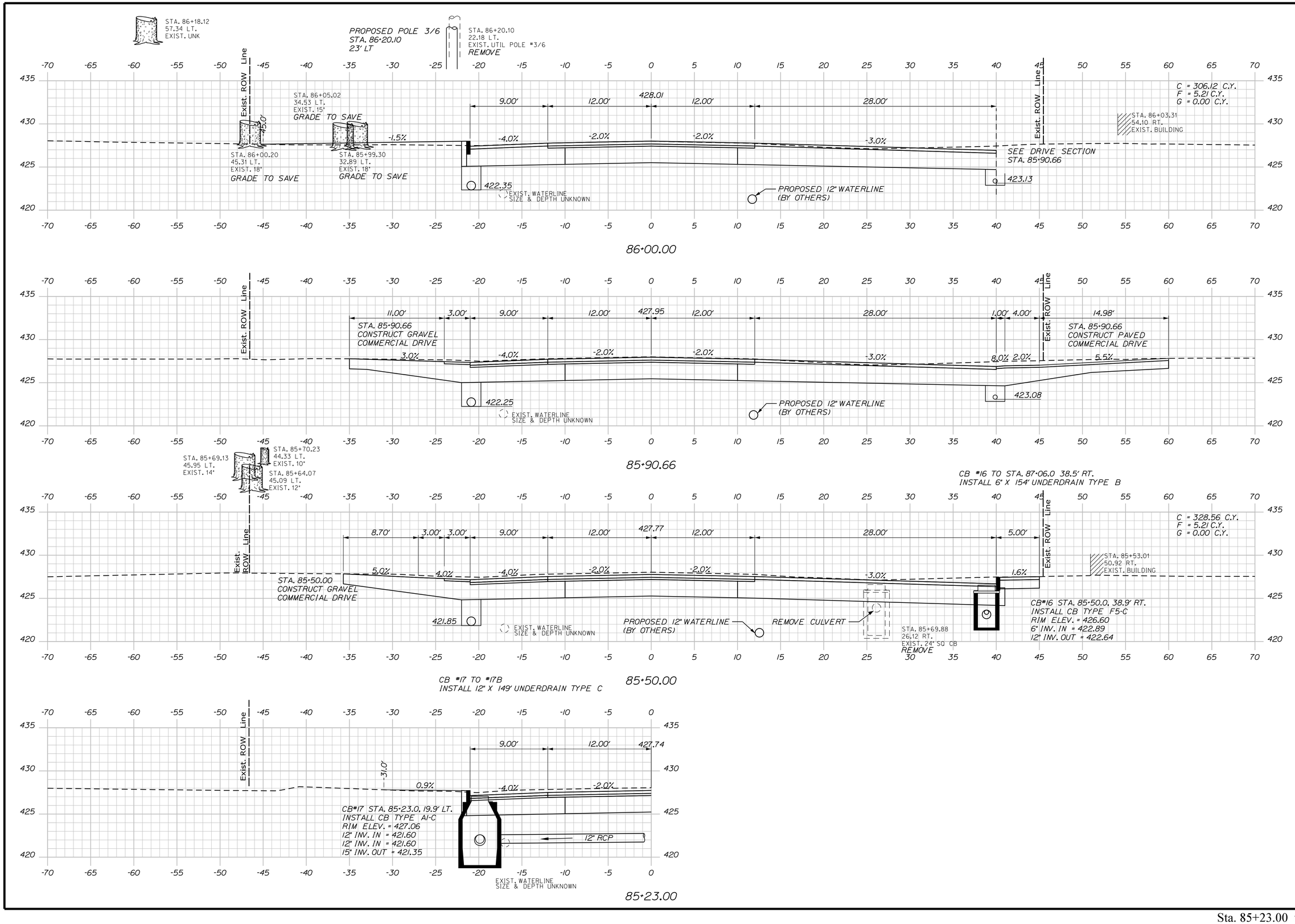
CROSS SECTIONS

SHEET NUMBER

55

OF 124

Sta. 84+00.00 to Sta. 85+00.00



Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	
P. POTTLE	PLP	07/2020
L. MEEK	LEM	
T. GLEESON	THG	

	SIGNATURE
PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

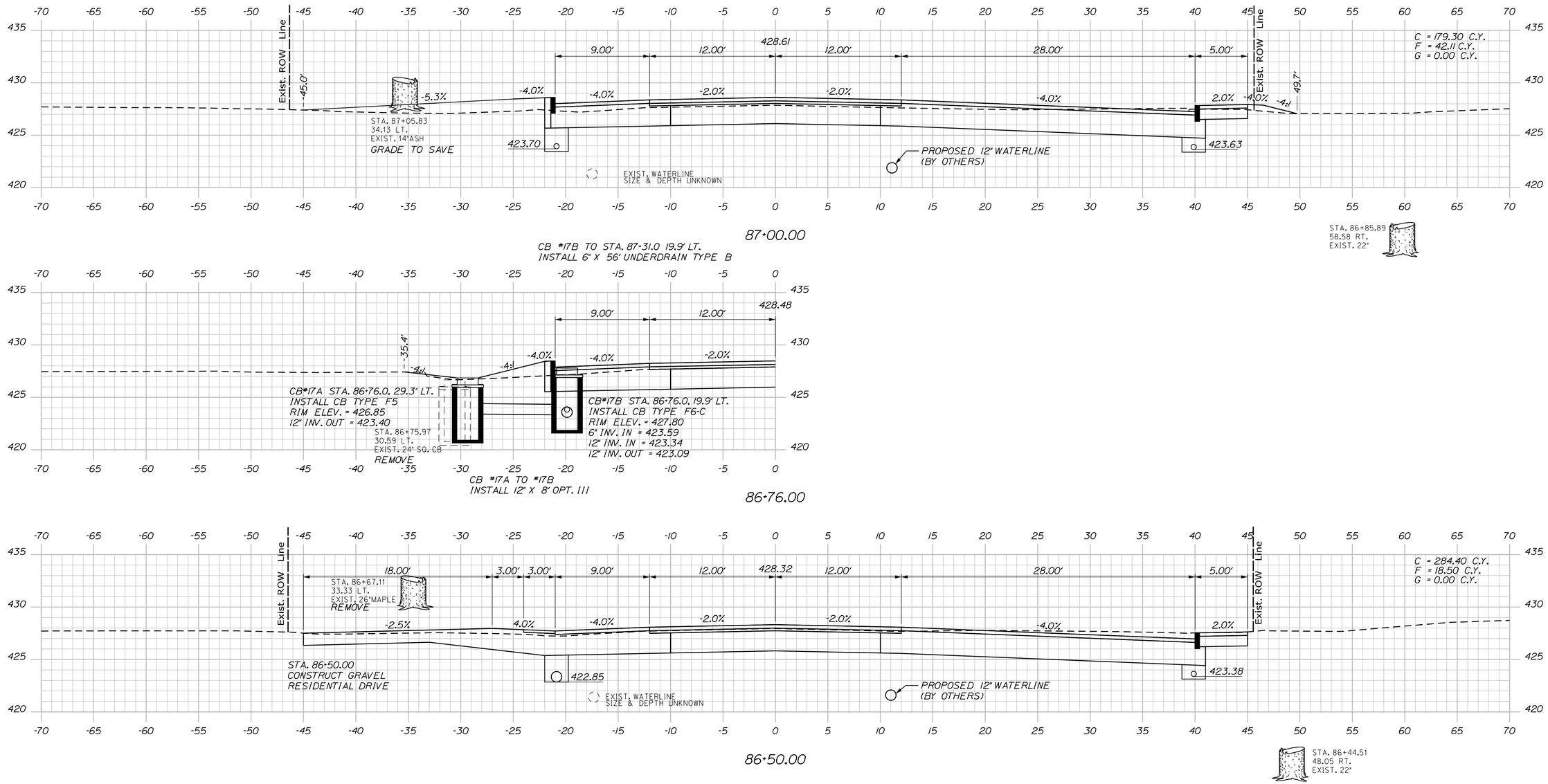
CROSS SECTIONS

SHEET NUMBER

56

OF 124

Sta. 85+23.00 to Sta. 86+00.00



Sta. 86+41.37 to Sta. 87+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
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REVISIONS 3			
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FRYEBURG
US ROUTE 302

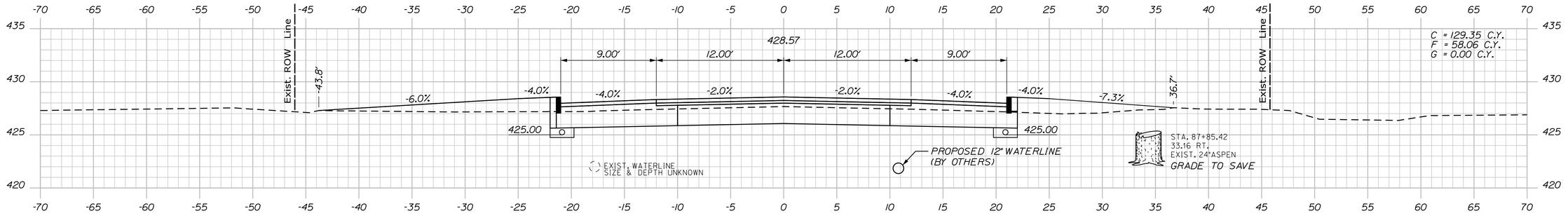
CROSS SECTIONS

SHEET NUMBER

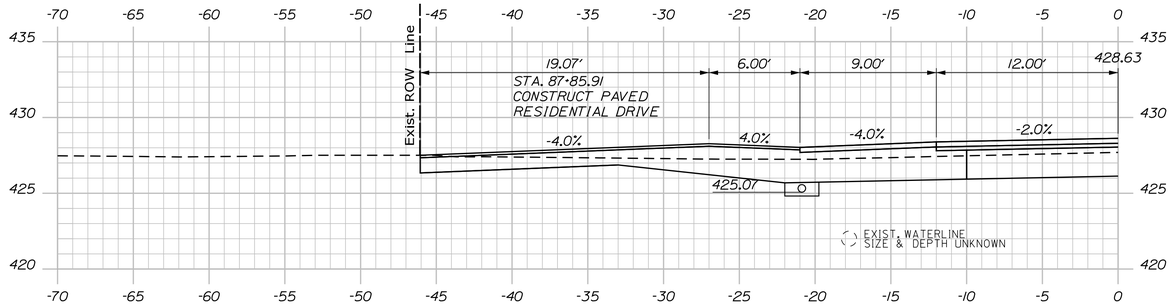
57

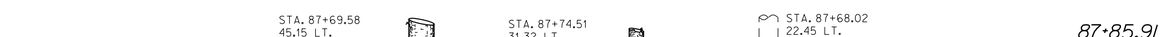
OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

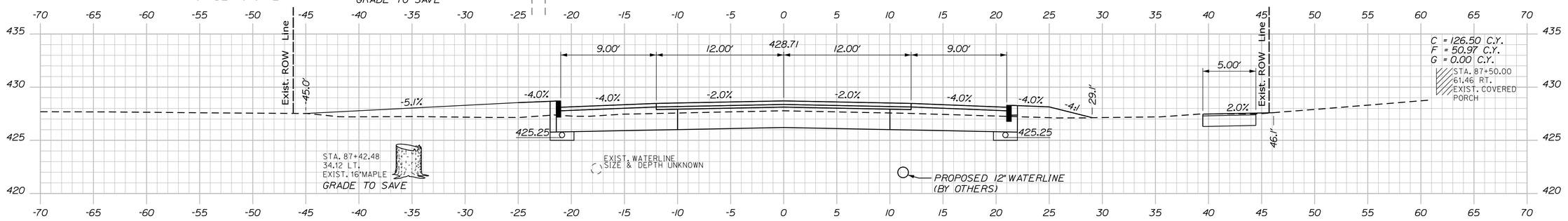


88+00.00





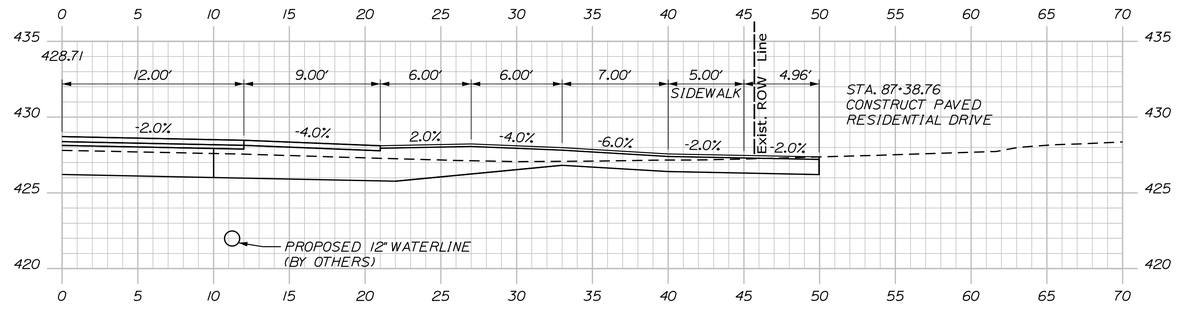
87+85.91



STA. 87+44.0 19.9' LT. TO CB #19
INSTALL 6" X 505' UNDERDRAIN TYPE B

87+50.00

STA. 87+44.0 19.9' RT. TO CB #18
INSTALL 6" X 151' UNDERDRAIN TYPE B



87+38.76

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	E. MARTIN	
CHECKED-REVIEWED	P. POTTLE	PLP
DESIGN2-DETAILED2	L. MEEK	LEM
DESIGN3-DETAILED3	T. GLEESON	THG
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		07/2020

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

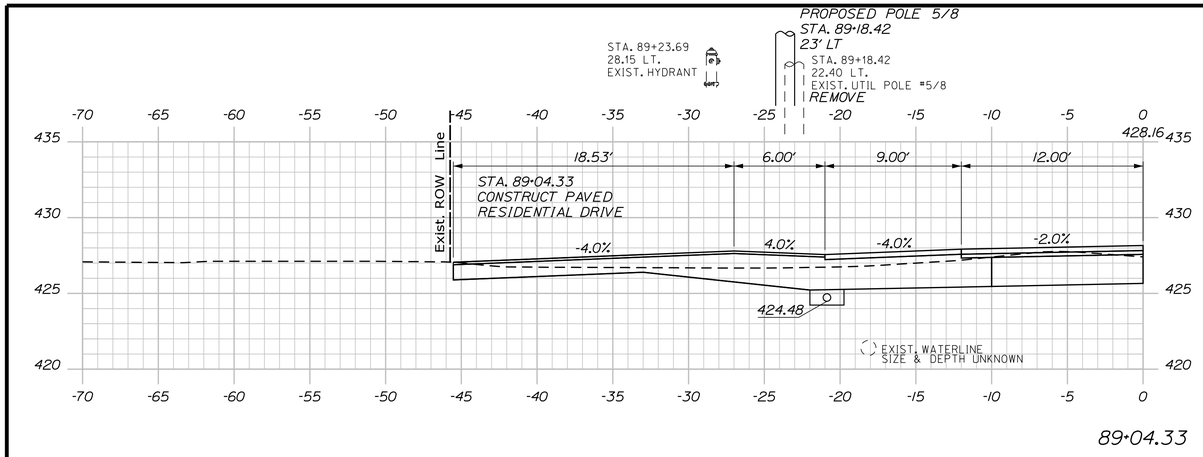
SHEET NUMBER

58

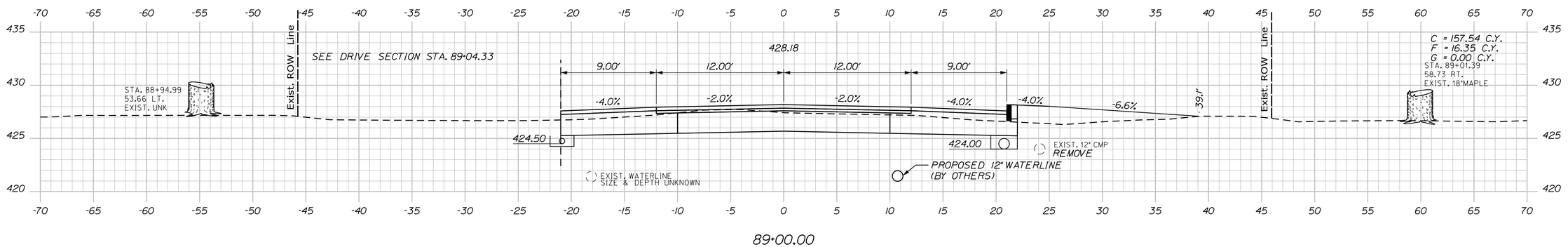
OF 124

Sta. 87+38.76 to Sta. 88+00.00

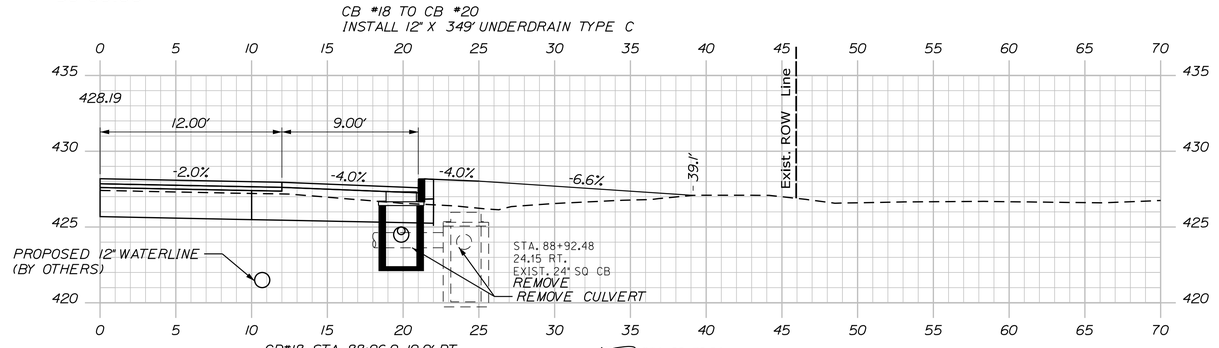
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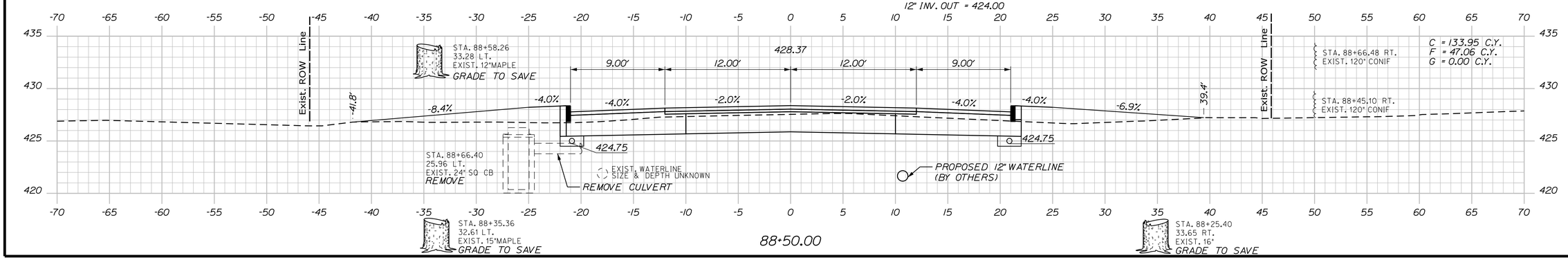
89+04.33



89+00.00



88+96.90



88+50.00

Sta. 88+50.00 to Sta. 89+04.33

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

59

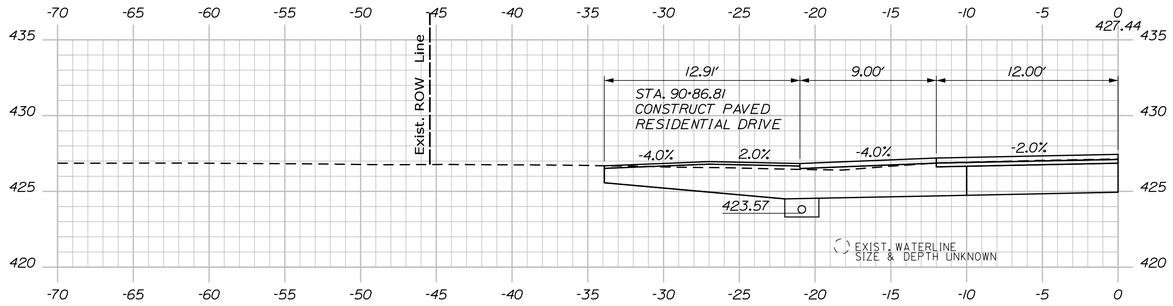
OF 124

Date:7/6/2020

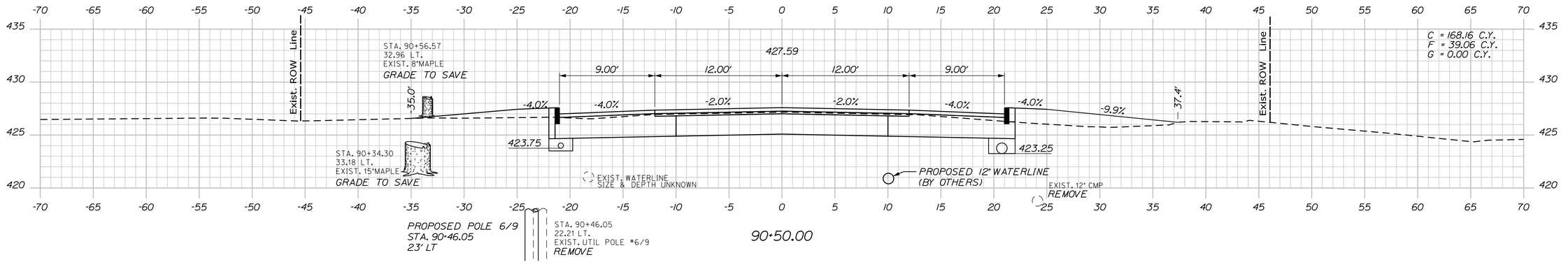
Username: lmeek

Division: HIGHWAY

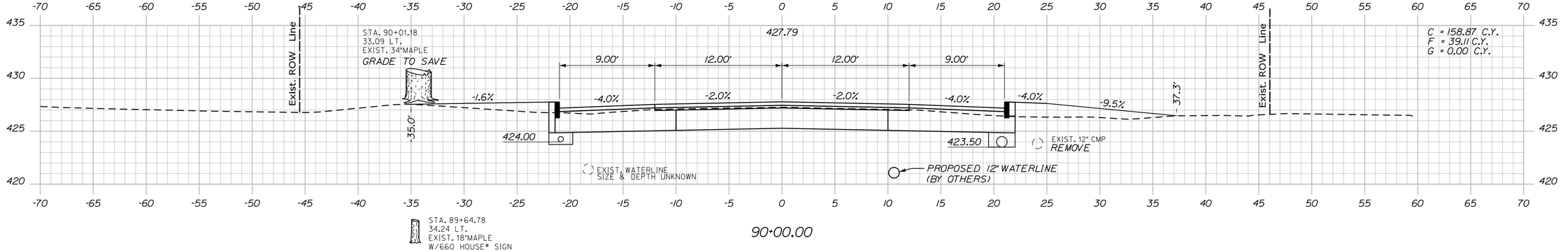
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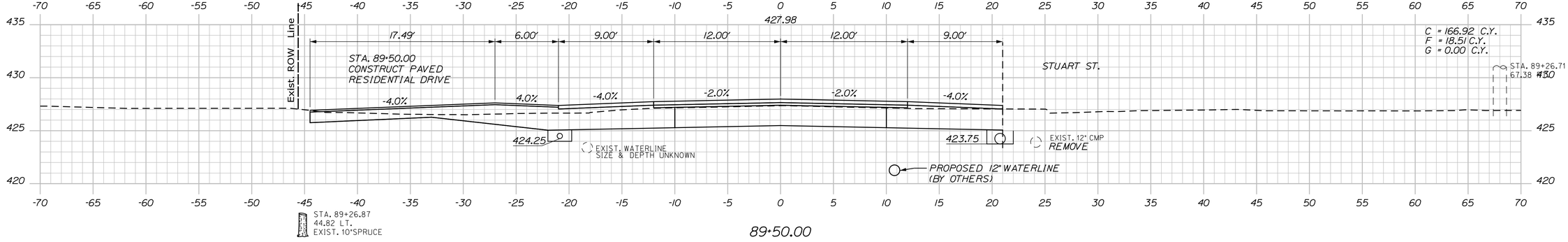
90+86.81



90+50.00



90+00.00



89+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

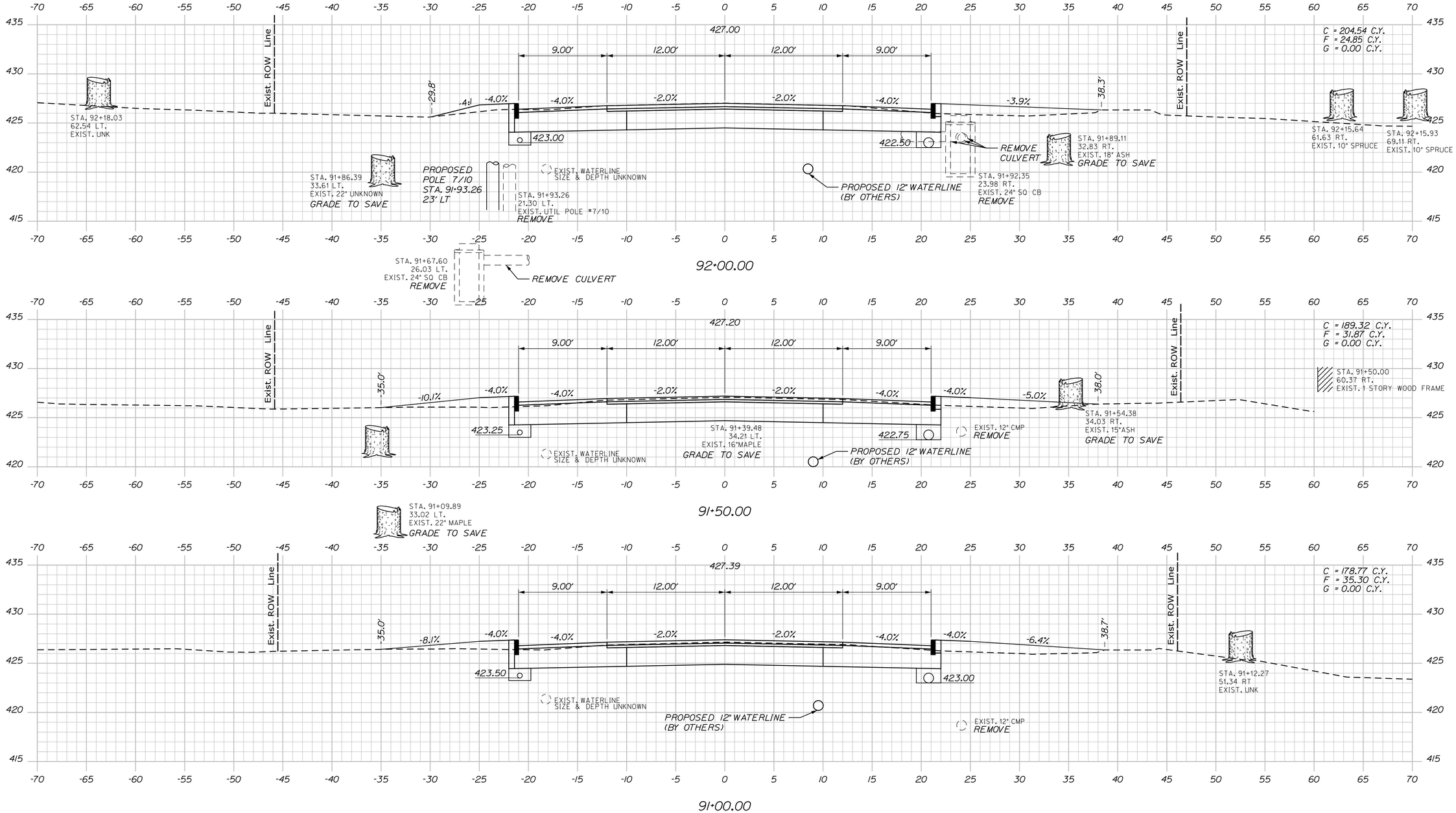
60

OF 124

Sta. 89+50.00 to Sta. 90+86.81

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN		
PROJ. MANAGER	P. POTTLE	PLP
DESIGN-DETAILED	L. MEEK	LEM
CHECKED-REVIEWED	T. GLEESON	THG
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

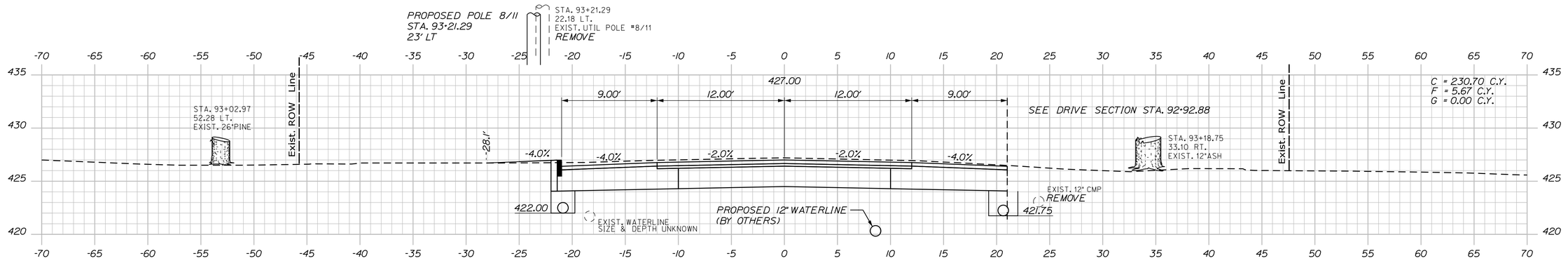
CROSS SECTIONS

SHEET NUMBER

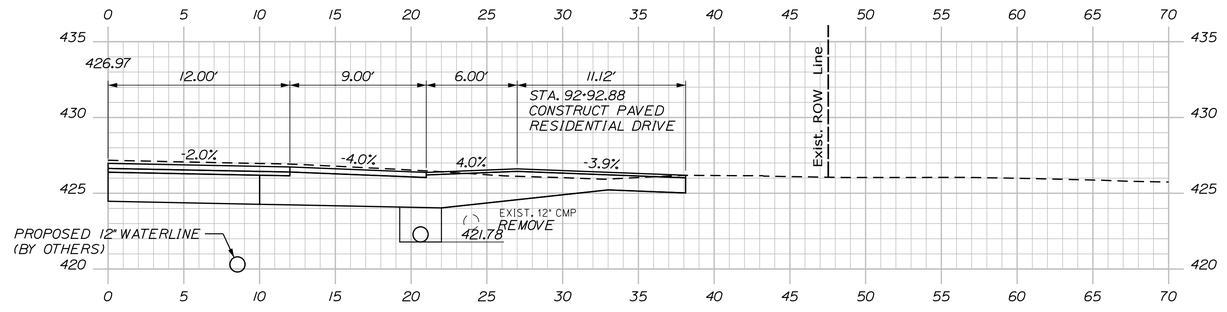
61

OF 124

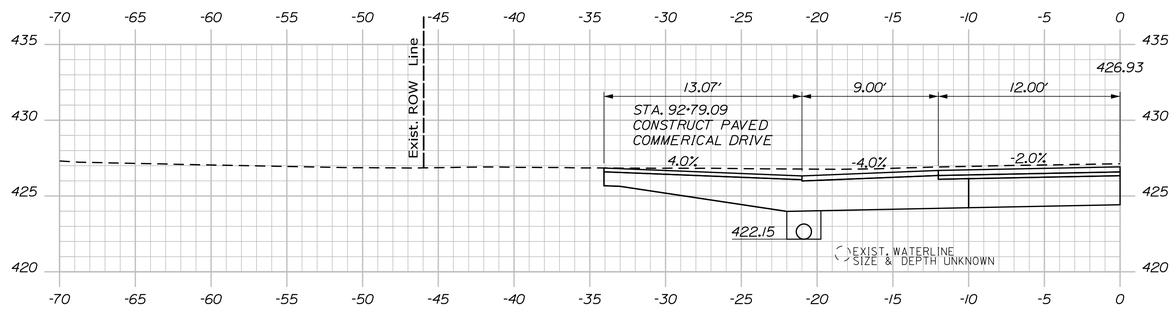
Sta. 91+00.00 to Sta. 92+00.00



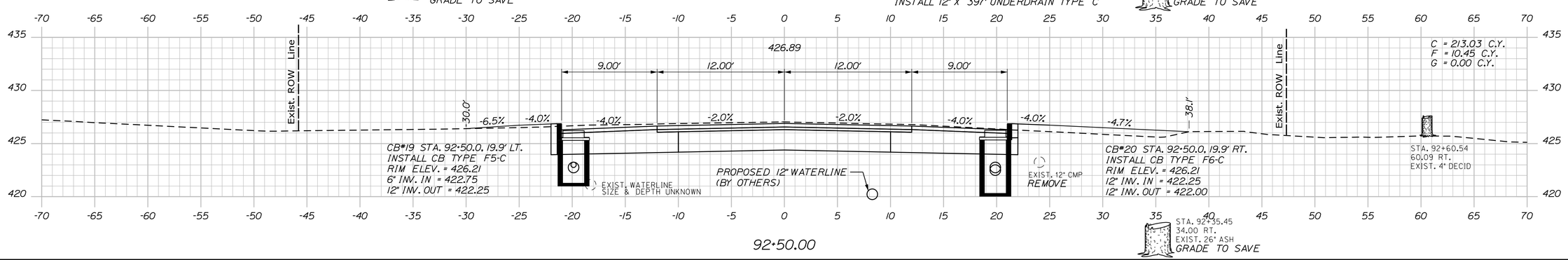
93+00.00



92+92.88



92+79.09



92+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

62

OF 124

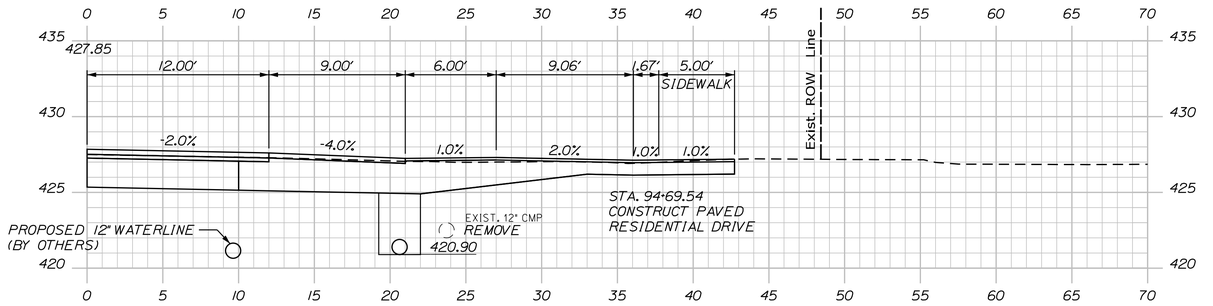
Sta. 92+50.00 to Sta. 93+00.00

Date:7/6/2020

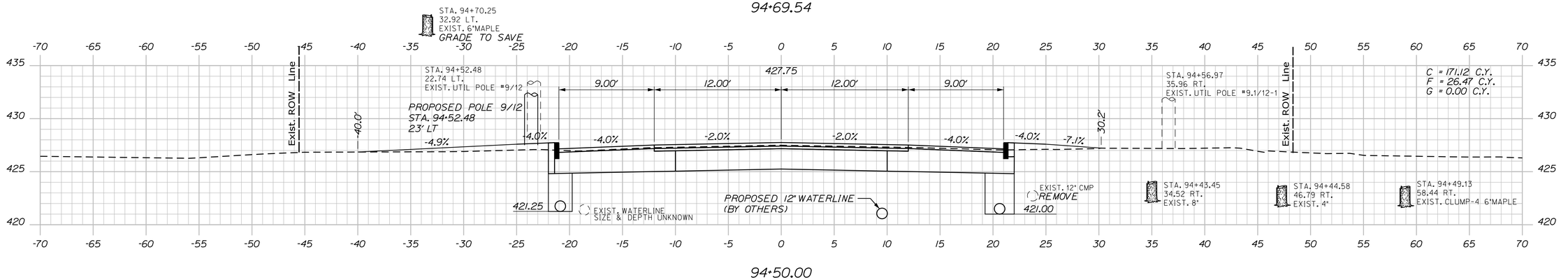
Username: lmeek

Division: HIGHWAY

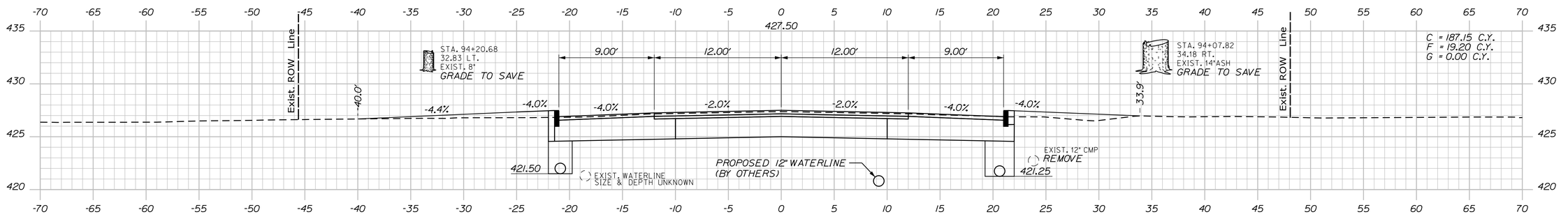
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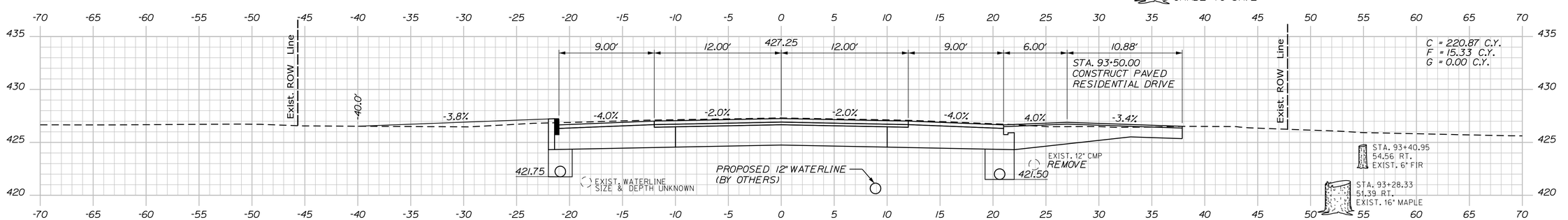
94+69.54



94+50.00



94+00.00



93+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

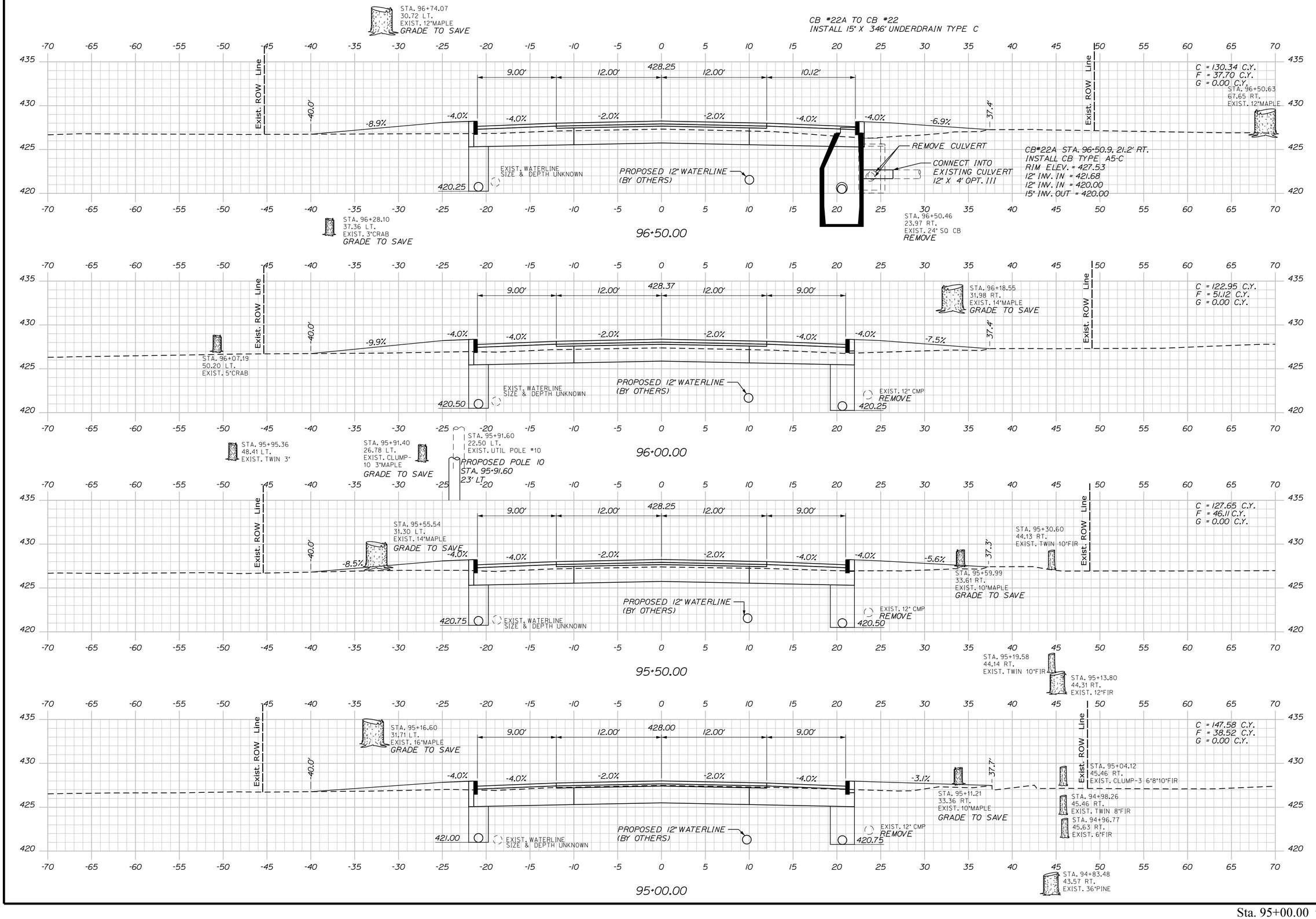
63

OF 124

Sta. 93+50.00 to Sta. 94+69.54

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN		
P. POTTLE	PLP	07\2020
L. MEEK	LEM	
T. GLEESON	THG	

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	P. POTTLE
CHECKED-REVIEWED	L. MEEK
DESIGN2-DETAILED2	T. GLEESON
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

FRYEBURG
US ROUTE 302

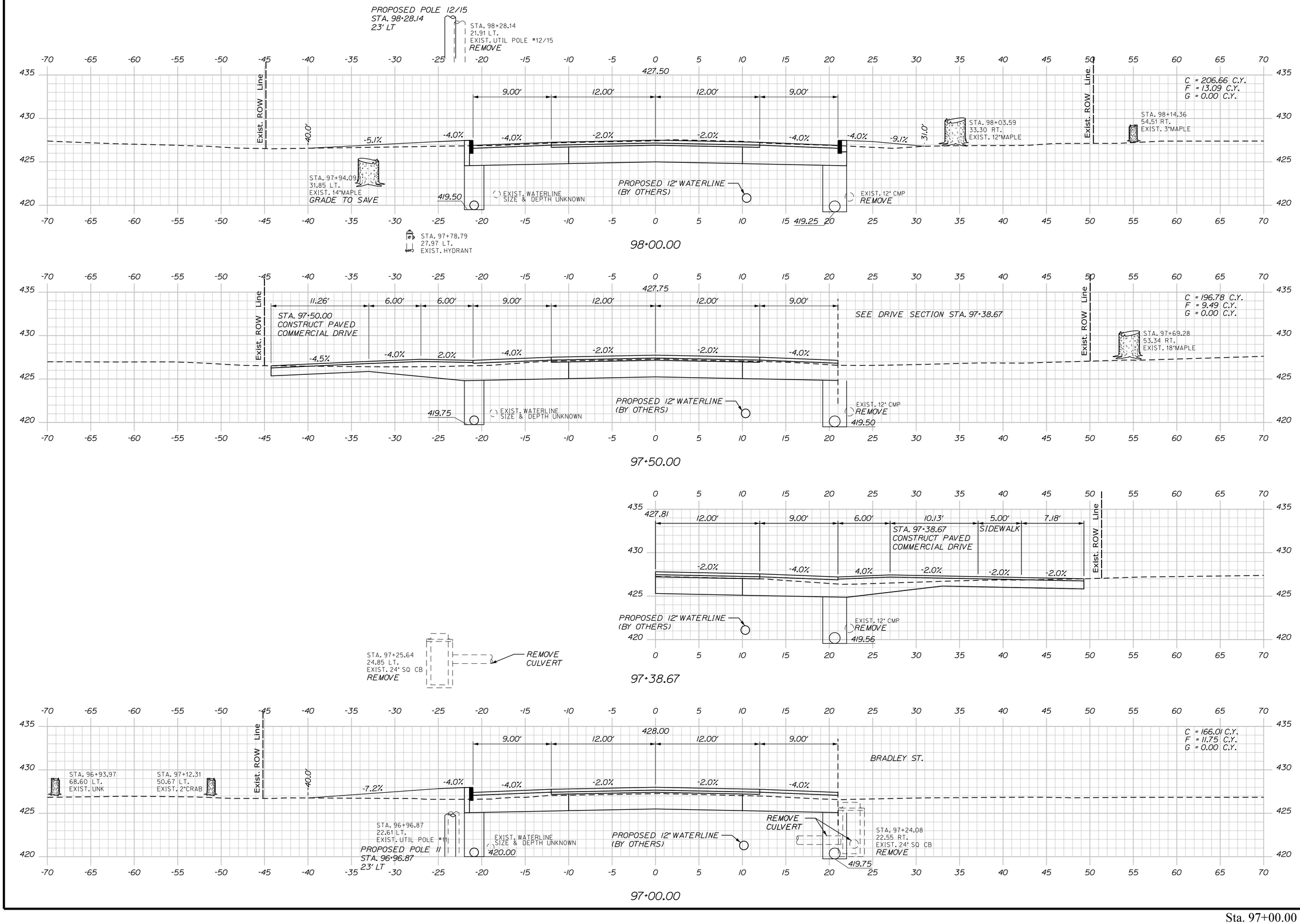
CROSS SECTIONS

SHEET NUMBER

64

OF 124

Sta. 95+00.00 to Sta. 96+50.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

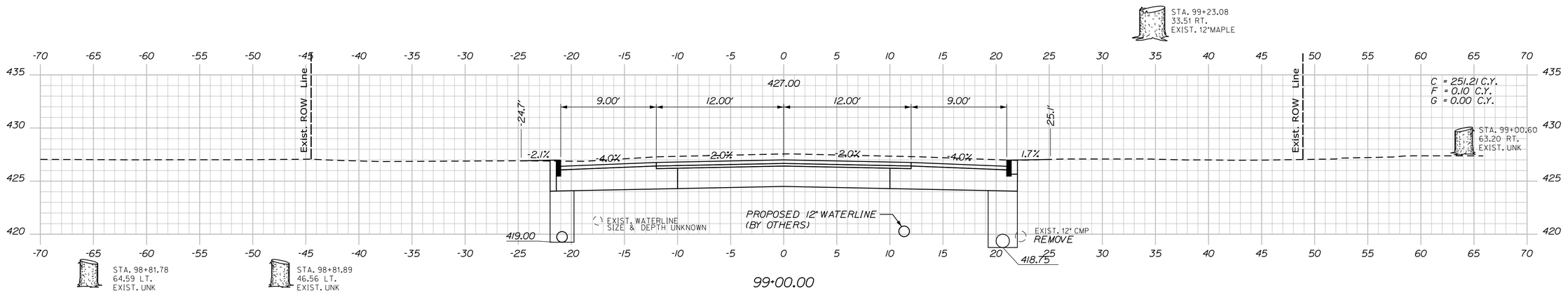
SHEET NUMBER

65

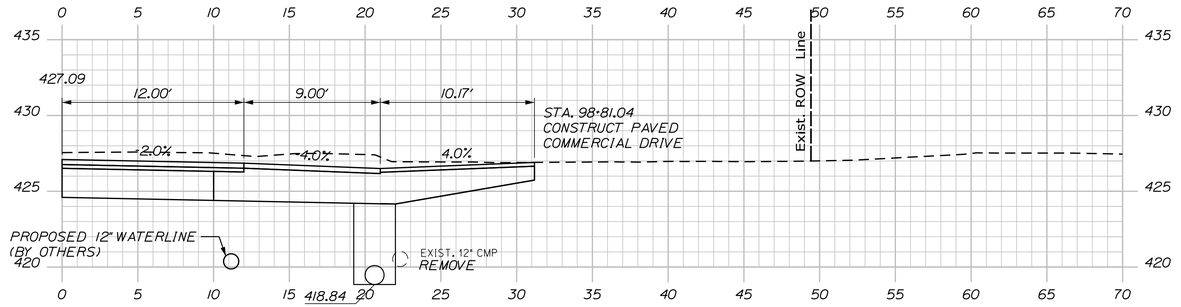
OF 124

Sta. 97+00.00 to Sta. 98+00.00

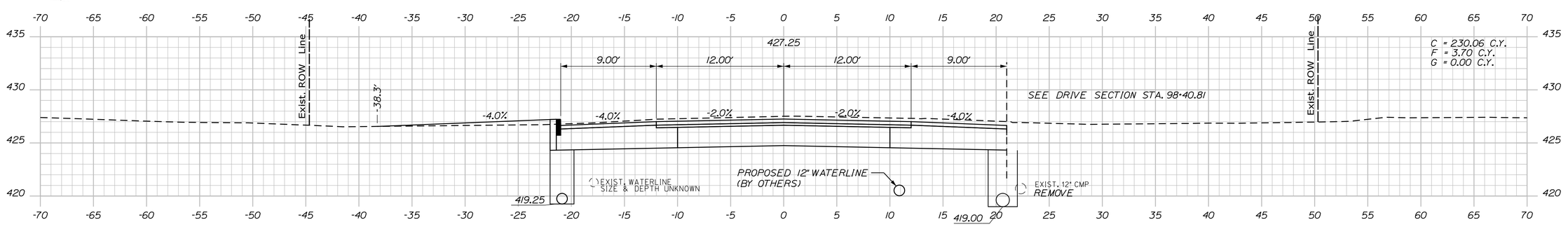
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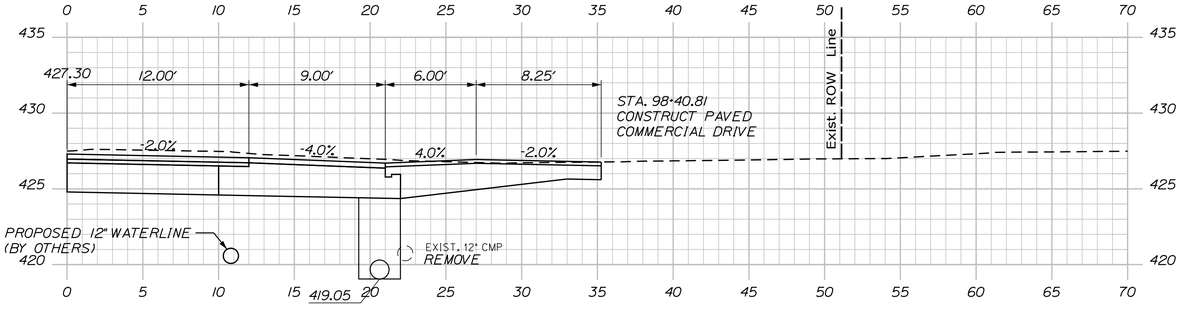
99+00.00



98+81.04



98+50.00



98+40.81

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	BY	DATE
CHECKED-REVIEWED	L. MEEK	PLP	07\2020
DESIGN2-DETAILED2	T. GLEESON	LEM	
DESIGN3-DETAILED3		THG	
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

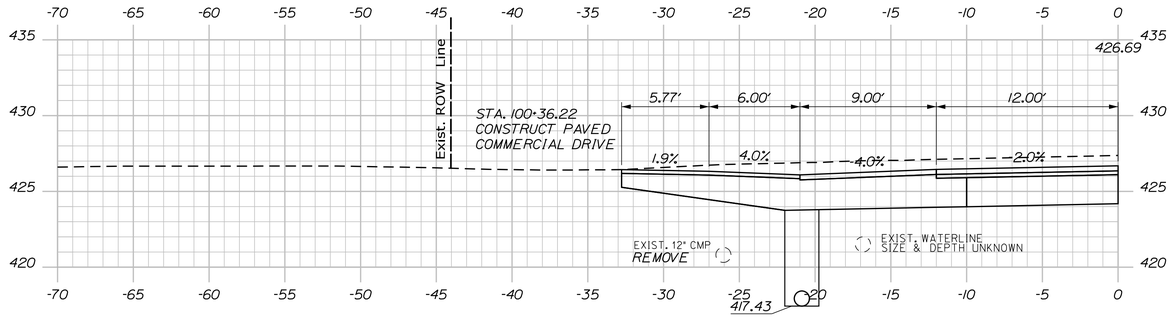
SHEET NUMBER

66

OF 124

Sta. 98+40.81 to Sta. 99+00.00

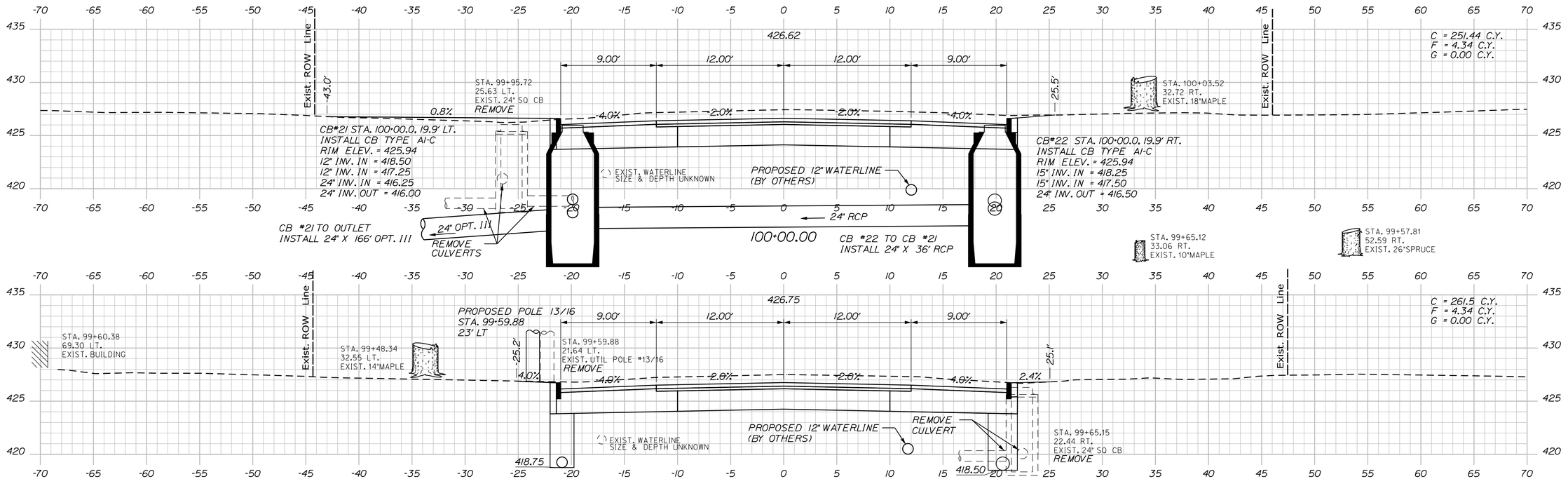
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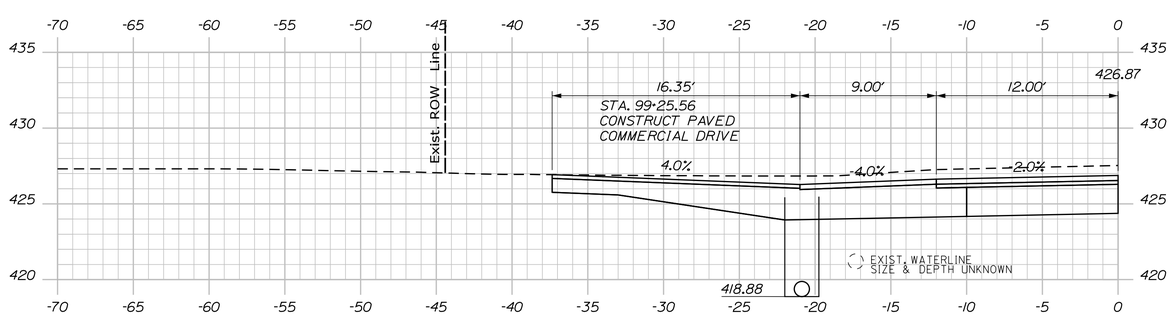
100+36.22

CB #21 TO CB #23
INSTALL 12" X 507' UNDERDRAIN TYPE C

CB #22 TO CB #24A
INSTALL 15" X 546' UNDERDRAIN TYPE C



99+50.00



99+25.56

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

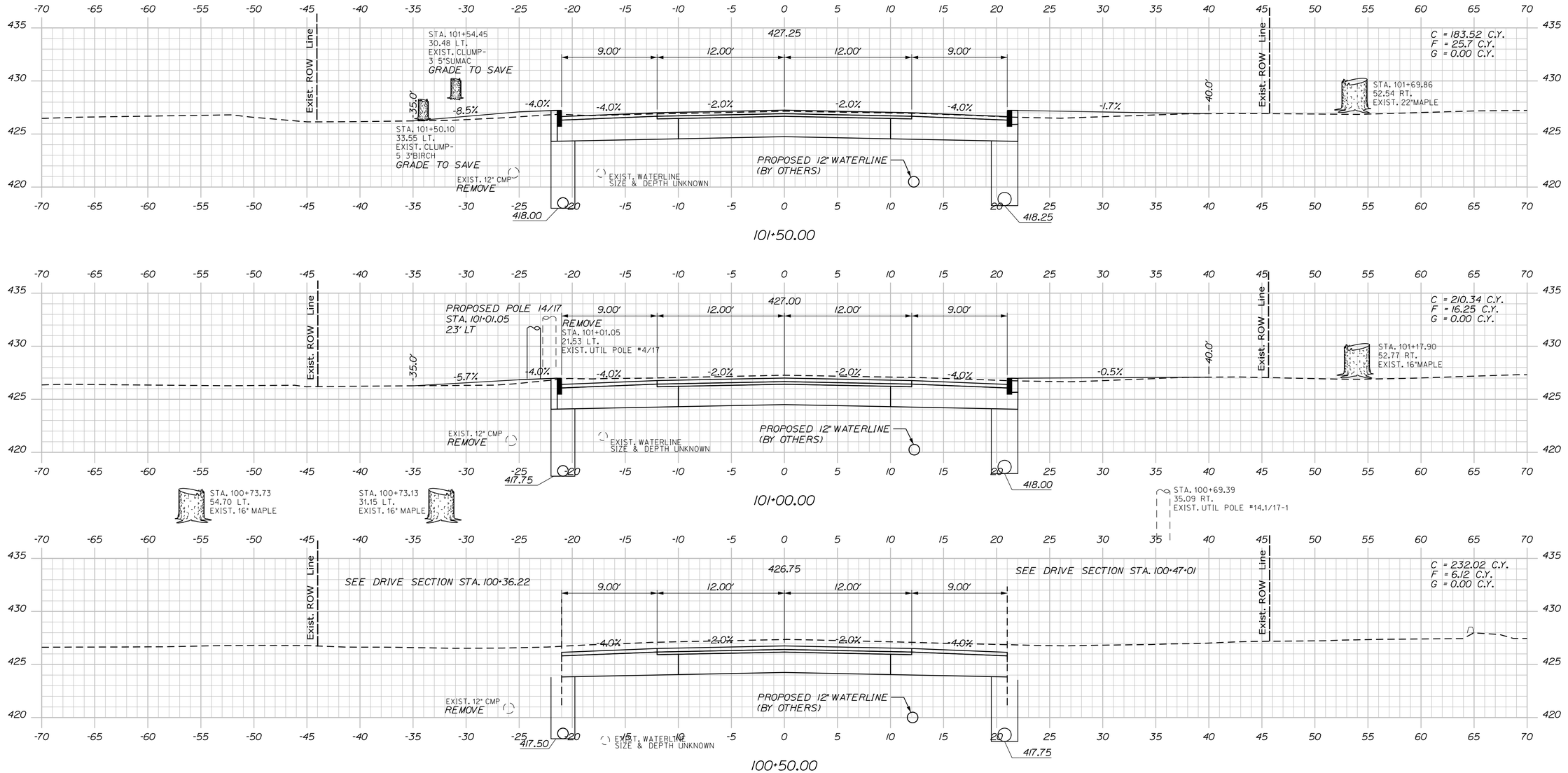
SHEET NUMBER

67

OF 124

Sta. 99+25.56 to Sta. 100+36.22

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

07/2020

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

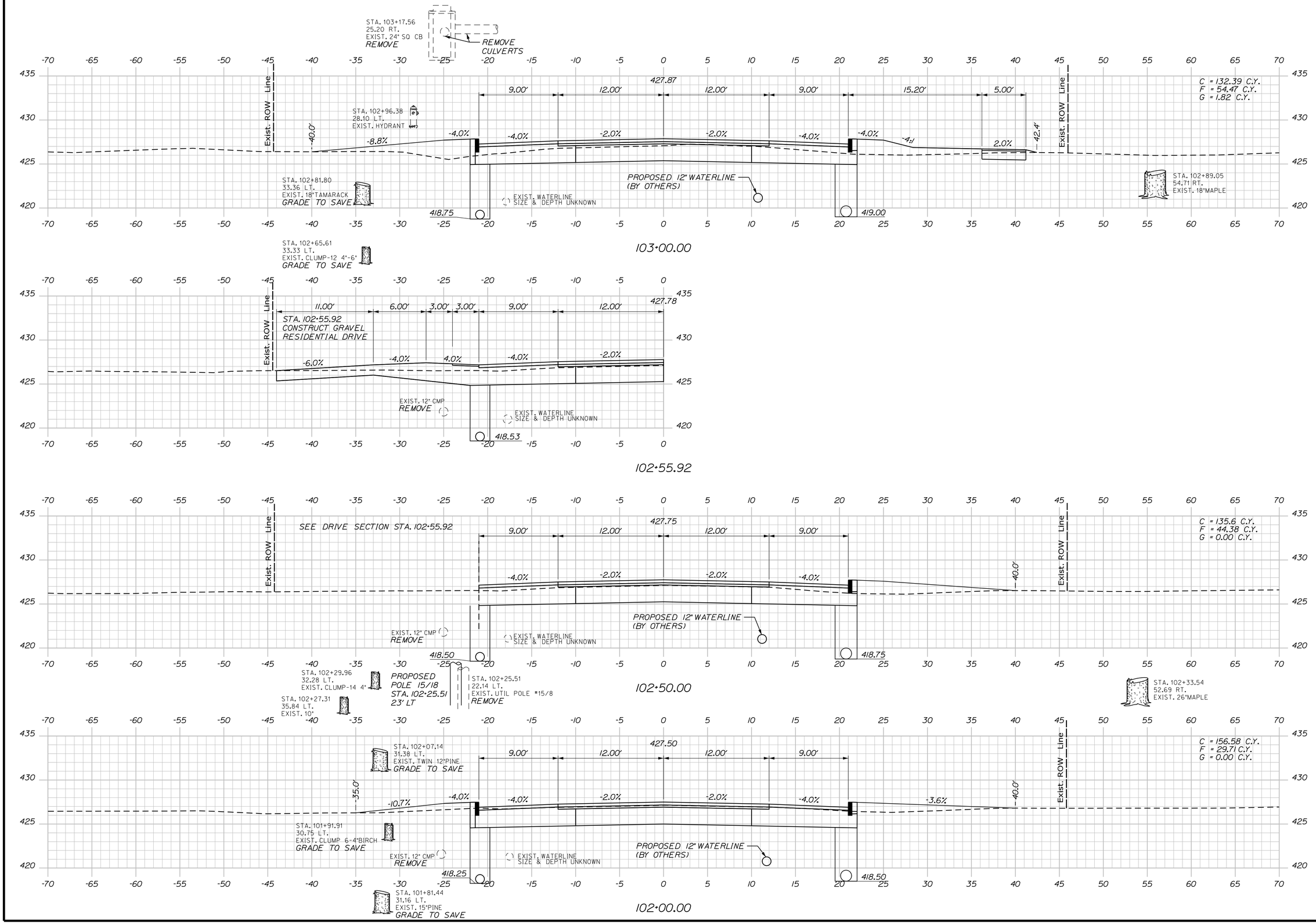
SHEET NUMBER

68

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Sta. 100+47.01 to Sta. 101+50.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

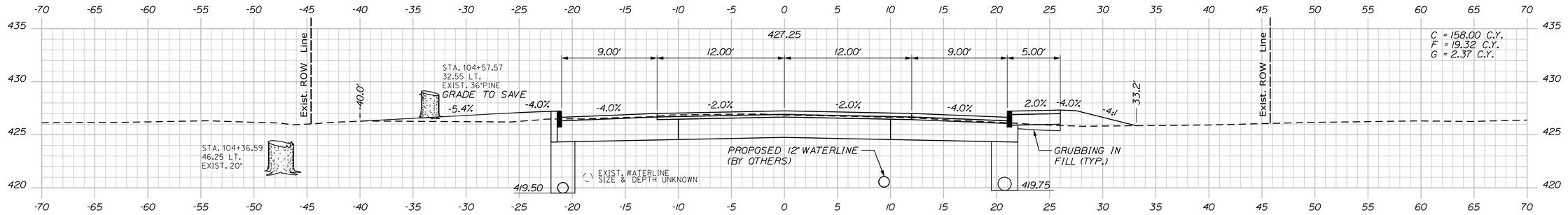
SHEET NUMBER

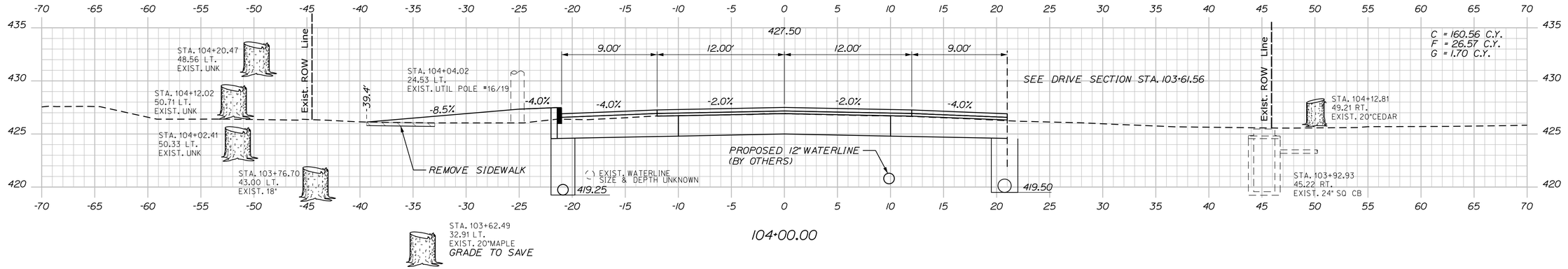
69

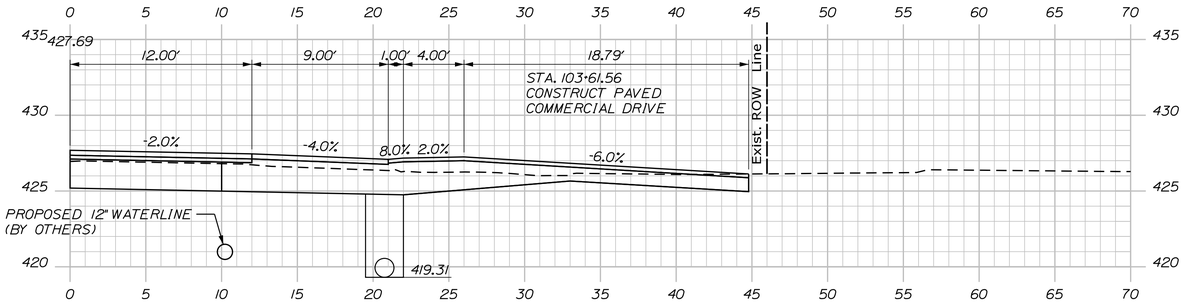
OF 124

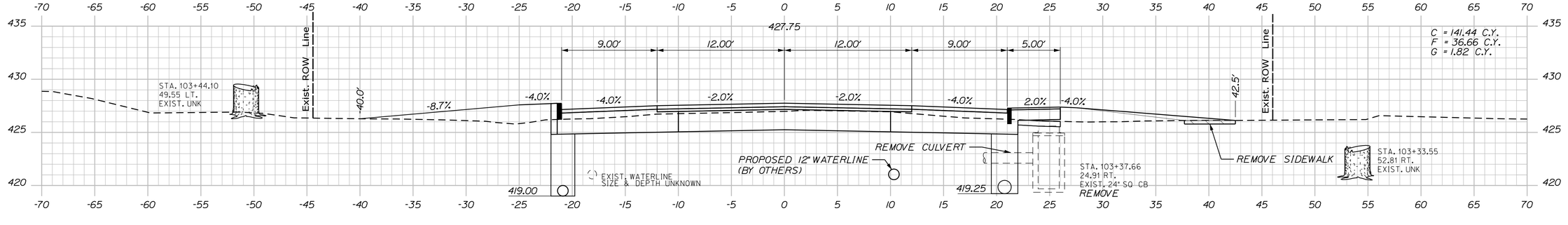
Sta. 102+00.00 to Sta. 103+00.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN		
PROJ. MANAGER	P. POTTLE	PLP
DESIGN-DETAILED	L. MEEK	LEM
CHECKED-REVIEWED	T. GLEESON	THG
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

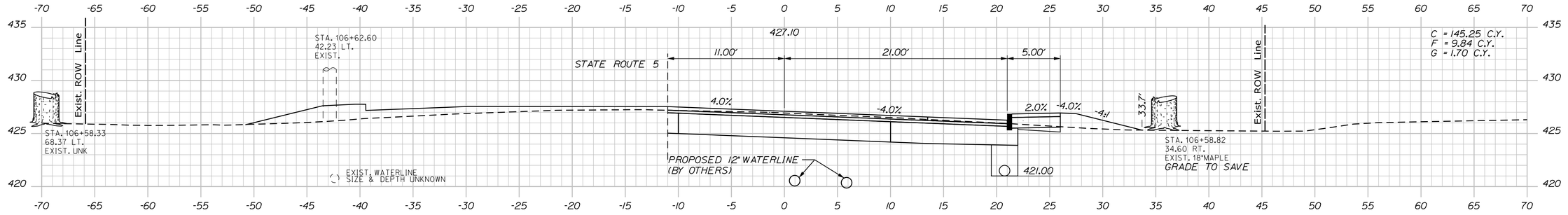
SHEET NUMBER

70

OF 124

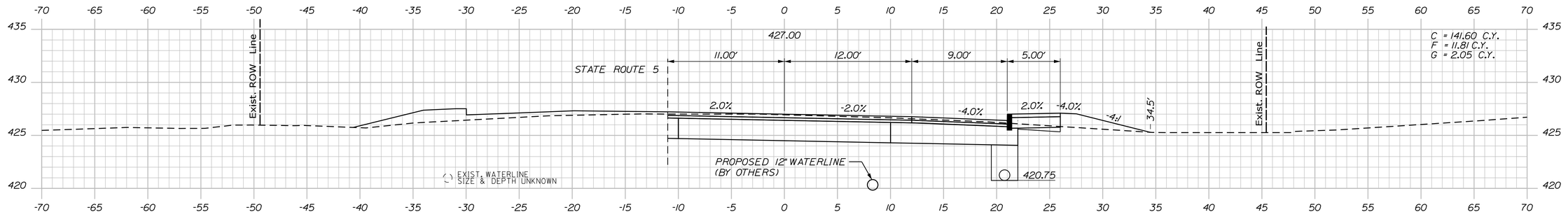
Sta. 103+50.00 to Sta. 104+50.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



106+50.00

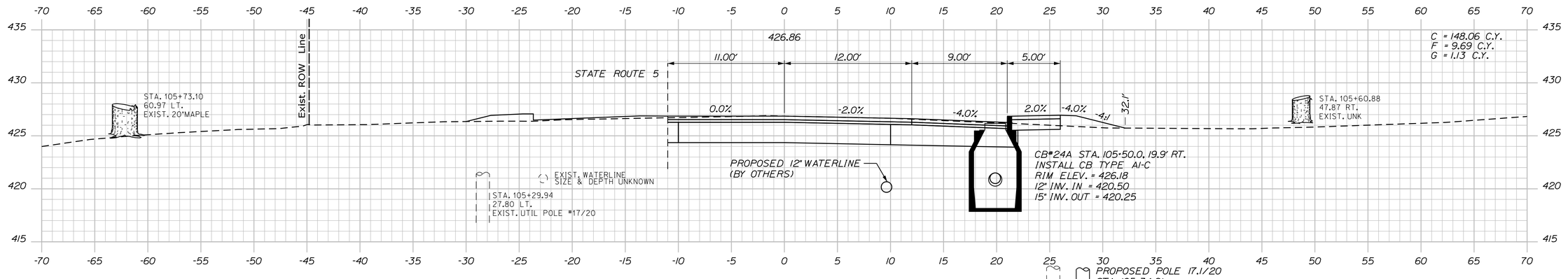
STA. 106+23.29
33.35 RT.
EXIST. 18"MAPLE
GRADE TO SAVE



106+00.00

STA. 105+80.74
37.91 LT.
EXIST. 20"MAPLE
GRADE TO SAVE

CB #24A TO CB #27
INSTALL 12" X 230' UNDERDRAIN TYPE C

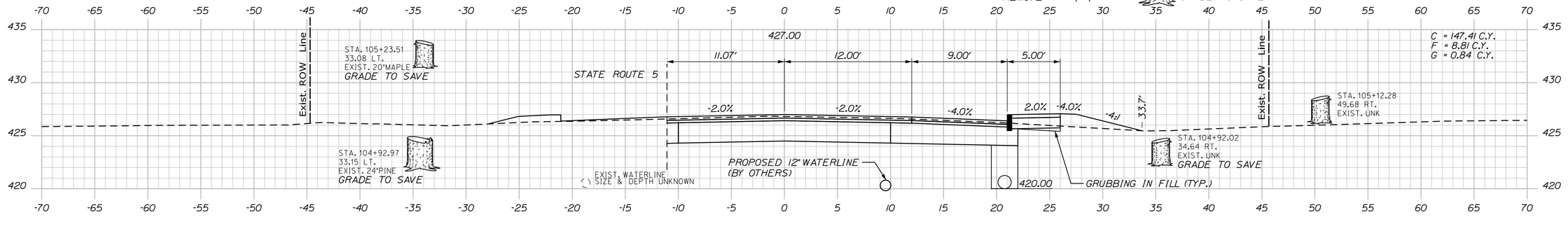


105+50.00

STA. 105+34.21
24.71 RT.
EXIST. UTIL POLE #17.1/20
REMOVE

PROPOSED POLE 17.1/20
STA. 105+34.21
27.5' RT

STA. 105+23.99
34.10 RT.
EXIST. 18"MAPLE
GRADE TO SAVE



105+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

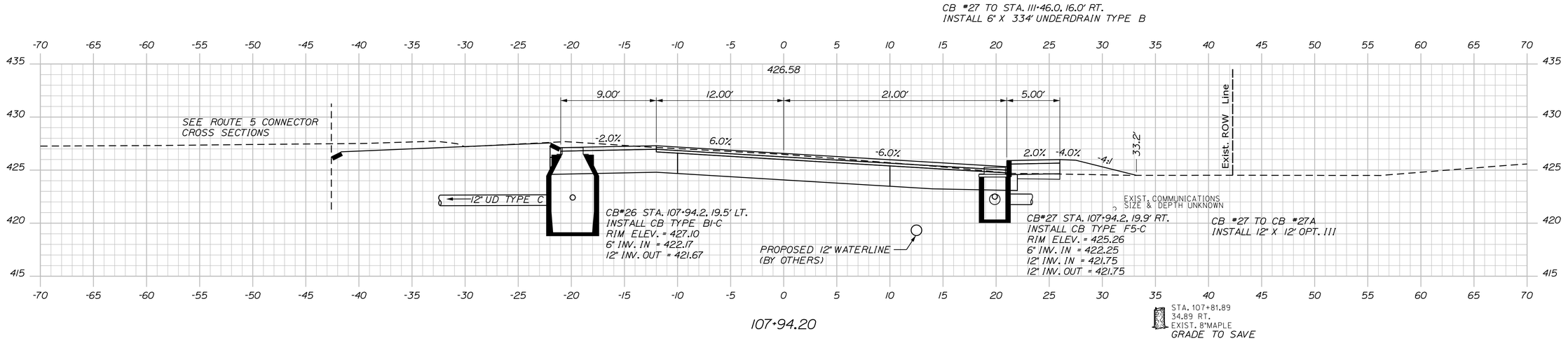
SHEET NUMBER

71

OF 124

Sta. 105+00.00 to Sta. 106+50.00

Date:7/6/2020 Username: lmeek Division: HIGHWAY Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	
P. POTTLE	LEM	07\2020
L. MEEK	THG	
T. GLEESON		

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

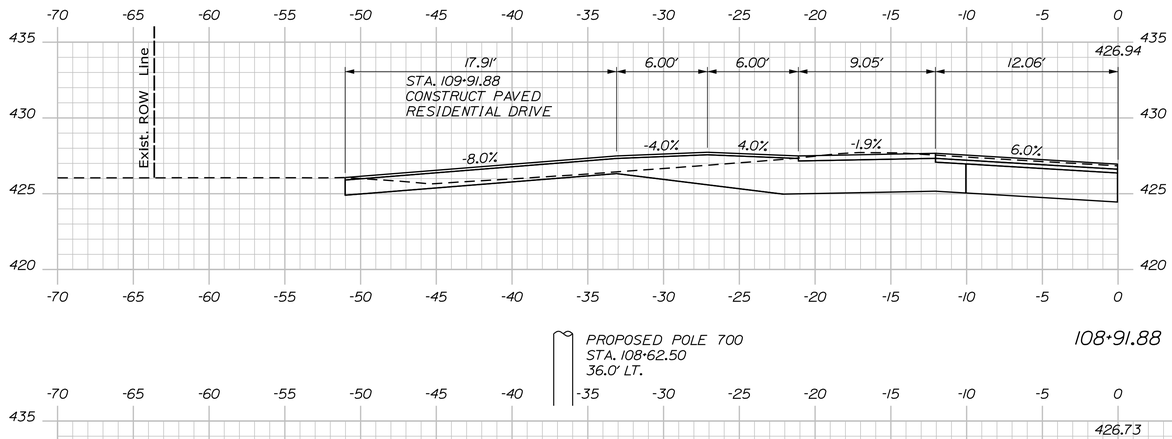
SHEET NUMBER

72

OF 124

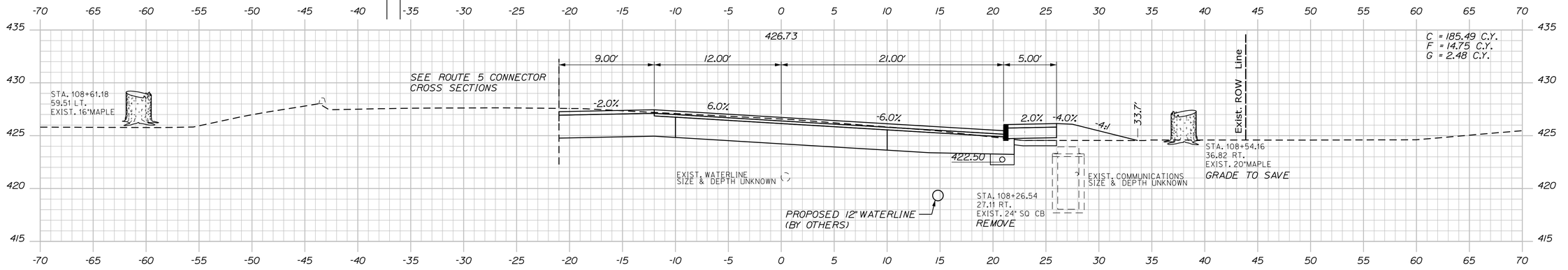
Sta. 107+00.00 to Sta. 107+94.20

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

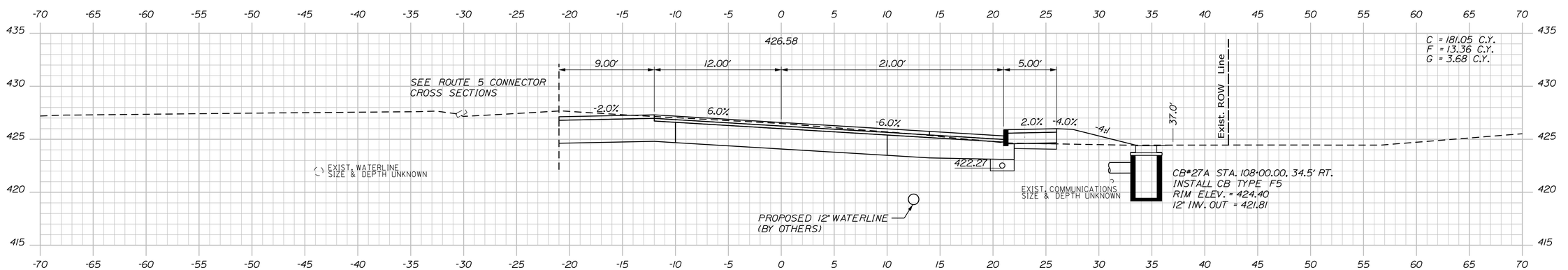


PROPOSED POLE 700
STA. 108+62.50
36.0' LT.

108+91.88



108+50.00



108+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	
P. POTTLE	LEM	07\2020
L. MEEK	THG	
T. GLEESON		

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	REVISIONS 1
DESIGN-DETAILED	REVISIONS 2
CHECKED-REVIEWED	REVISIONS 3
DESIGN2-DETAILED2	REVISIONS 4
DESIGN3-DETAILED3	FIELD CHANGES

FRYEBURG
US ROUTE 302

CROSS SECTIONS

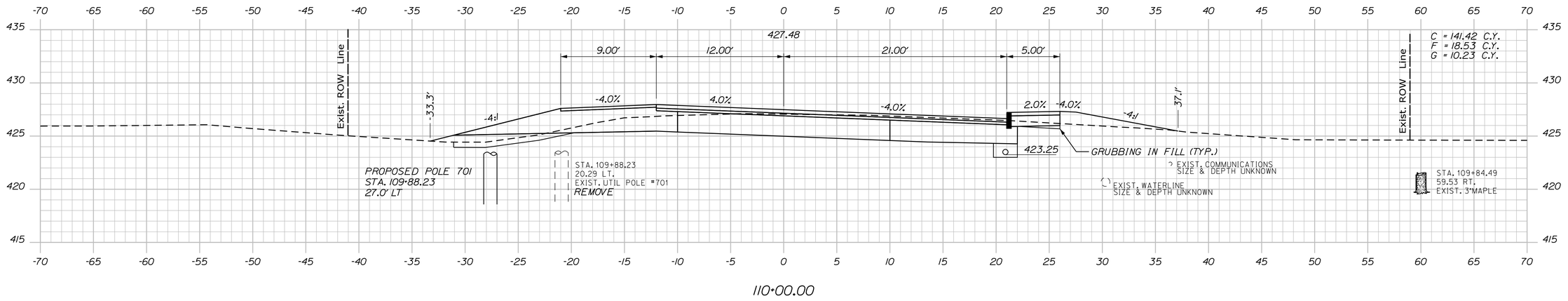
SHEET NUMBER

73

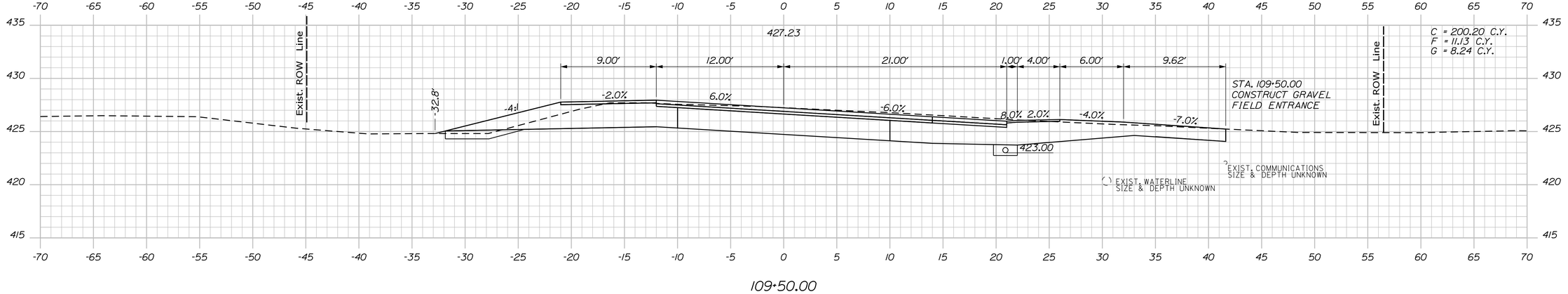
OF 124

Sta. 108+00.00 to Sta. 108+91.88

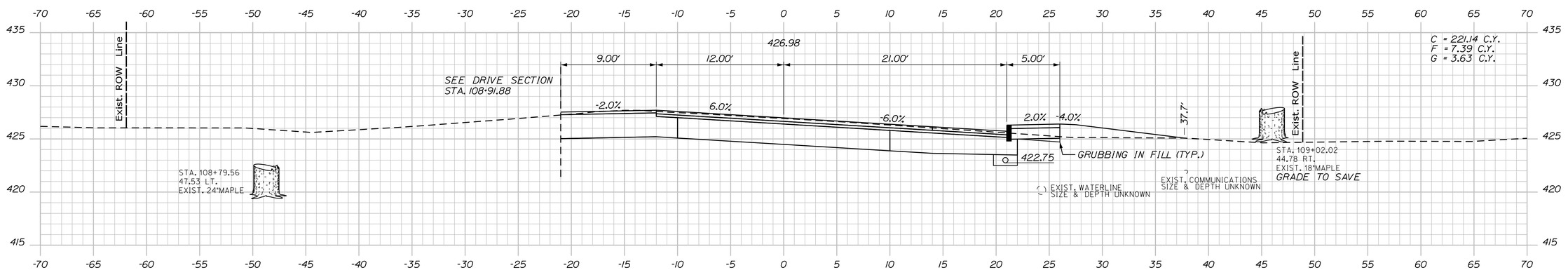
Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



110+00.00



109+50.00



109+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

P.E. NUMBER

SIGNATURE

DATE

DATE
07\2020

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

74

OF 124

Sta. 109+00.00 to Sta. 110+00.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	
P. POTTLE	LEM	07/2020
L. MEEK	THG	
T. GLEESON		

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

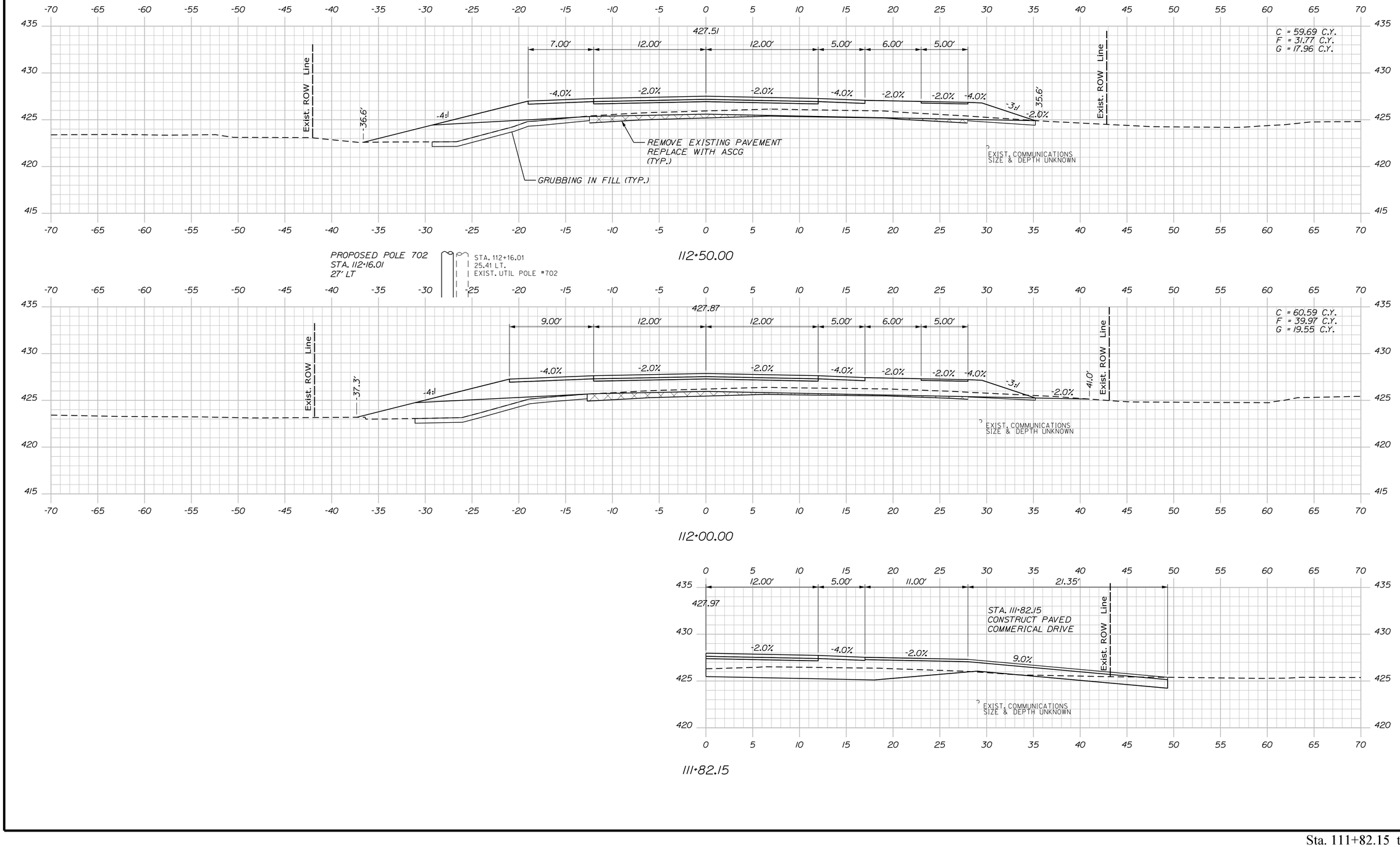
SHEET NUMBER

75

OF 124

Sta. 110+50.00 to Sta. 111+50.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	07/2020
P. POTTLE	LEM	
L. MEEK	THG	
T. GLEESON		

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

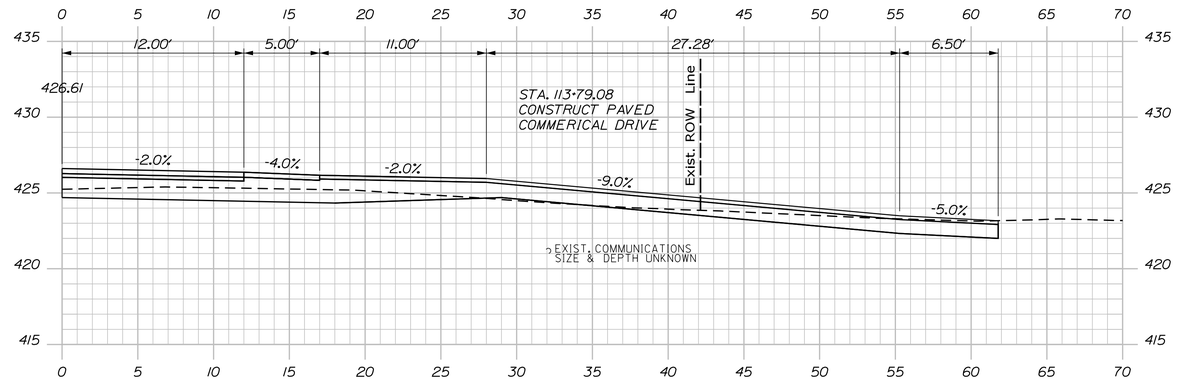
CROSS SECTIONS

SHEET NUMBER

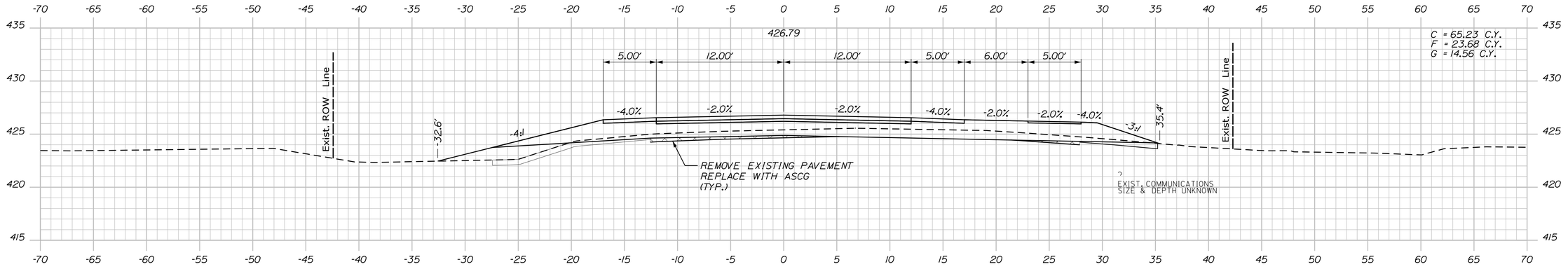
76

OF 124

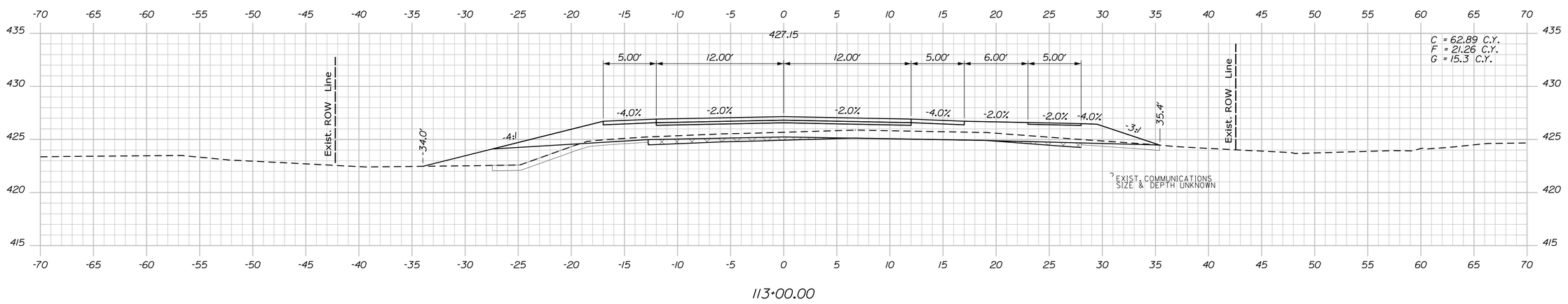
Sta. 111+82.15 to Sta. 112+50.00



113+79.08



113+50.00



113+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	07/2020
PROJ. MANAGER	P. POTTLE	
DESIGN-DETAILED	L. MEEK	
CHECKED-REVIEWED	T. GLEESON	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

77

OF 124

Sta. 113+00.00 to Sta. 113+79.08

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

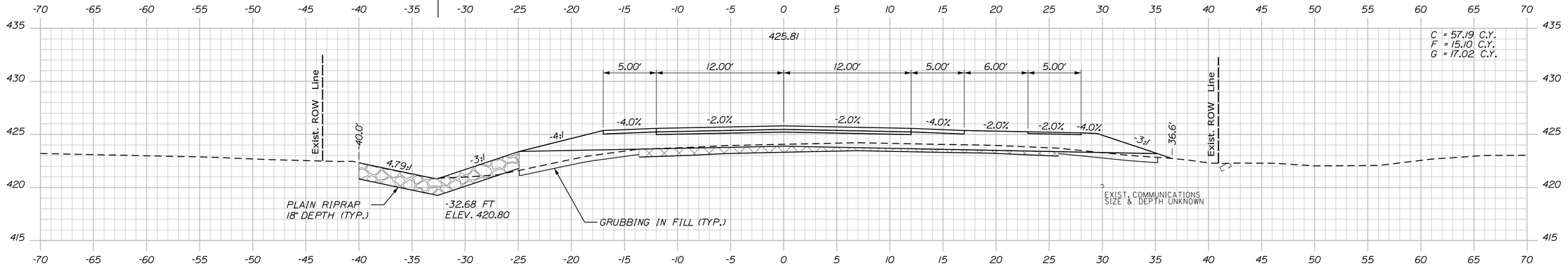
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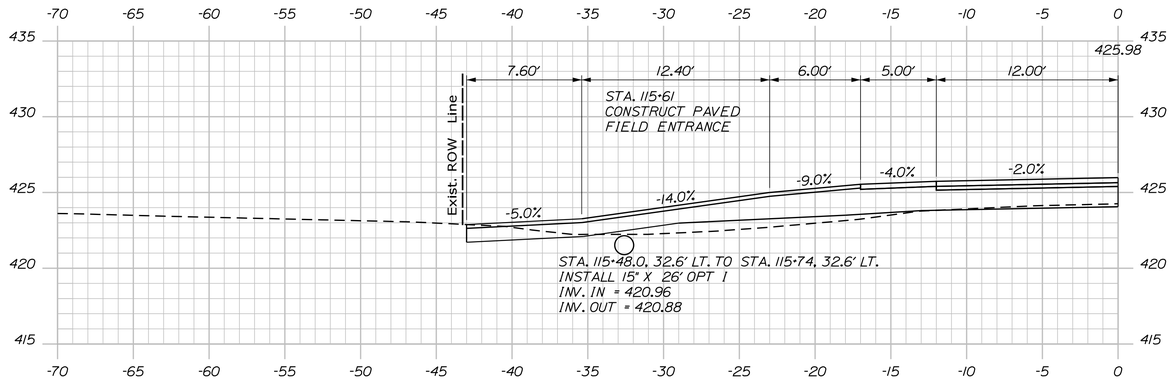
78

OF 124

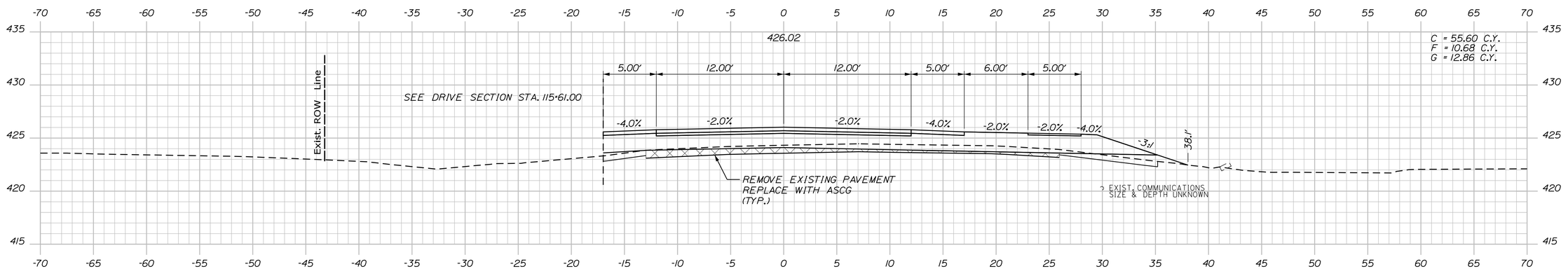
Sta. 114+00.00 to Sta. 115+00.00



116+00.00



115+61.00



115+50.00

Sta. 115+50.00 to Sta. 116+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

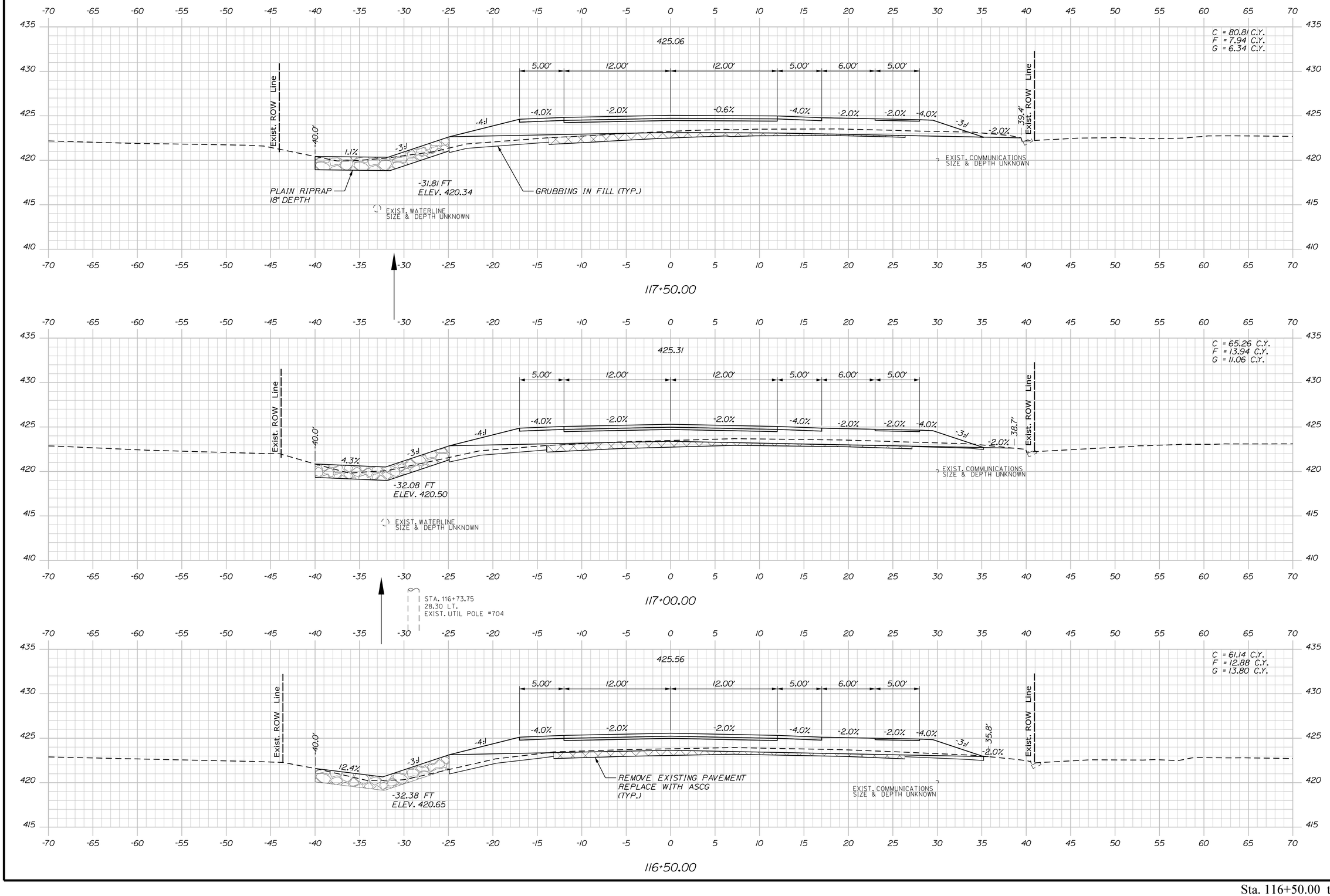
CROSS SECTIONS

SHEET NUMBER

79

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

	DATE
BY	
PLP	07\2020
LEM	
THG	

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

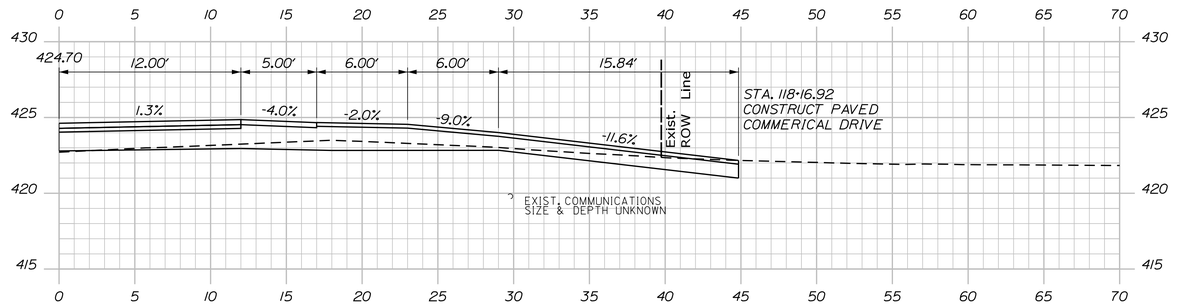
SHEET NUMBER

80

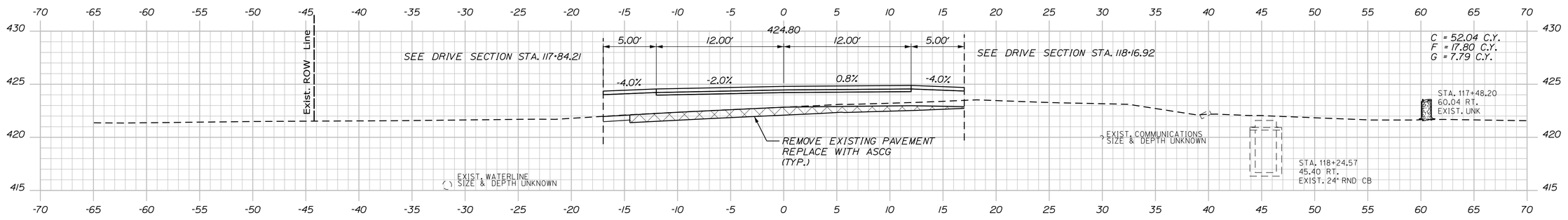
OF 124

Sta. 116+50.00 to Sta. 117+50.00

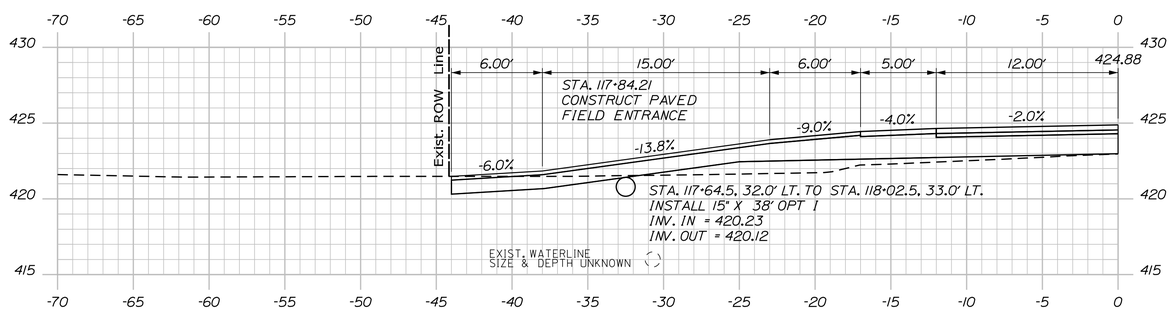
Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



118+16.92



118+00.00



117+84.21

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07/2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

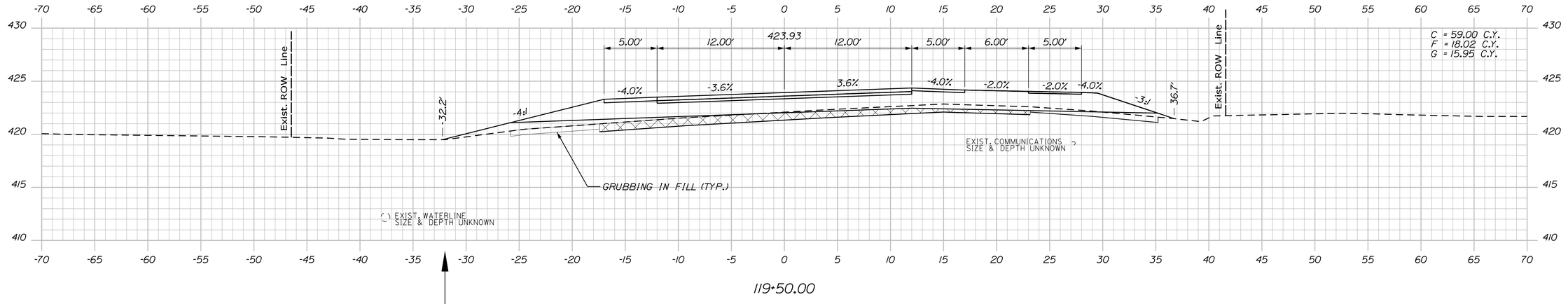
81

OF 124

Sta. 117+84.21 to Sta. 118+16.92

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

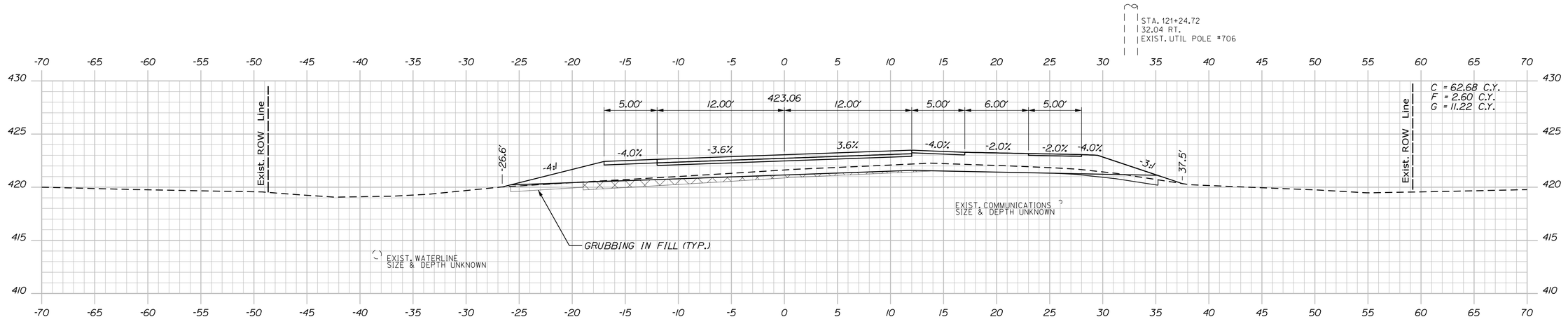
CROSS SECTIONS

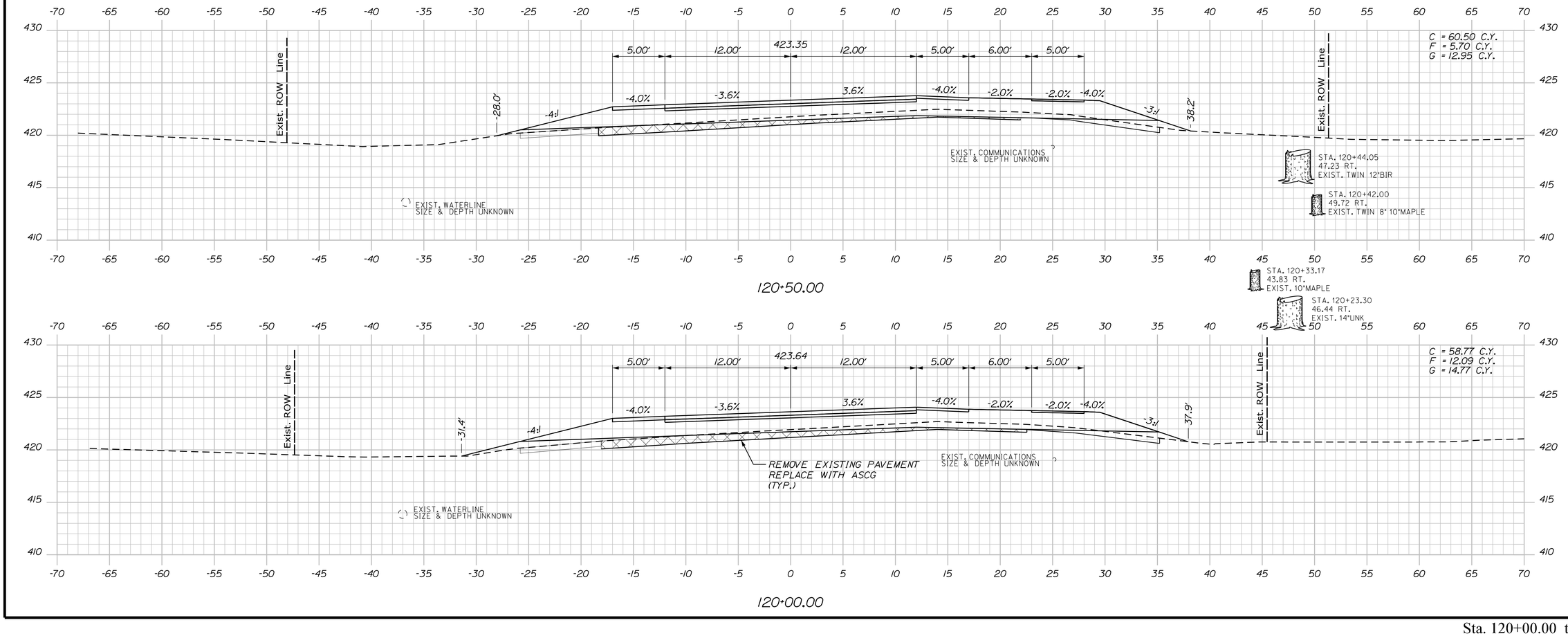
SHEET NUMBER

82

OF 124

Sta. 118+50.00 to Sta. 119+50.00





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	07\2020
P. POTTLE	LEM	
L. MEEK	THG	
T. GLEESON		

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

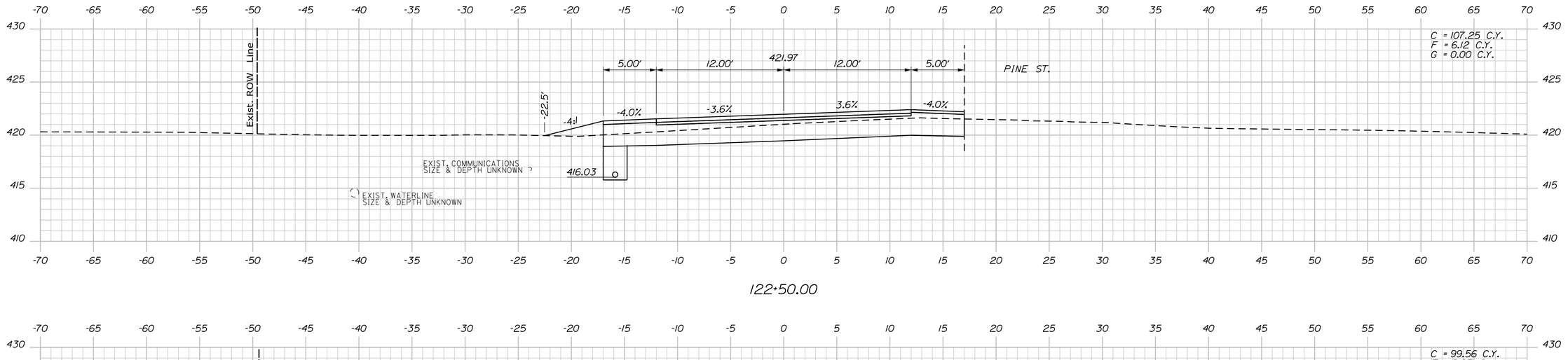
SHEET NUMBER

83

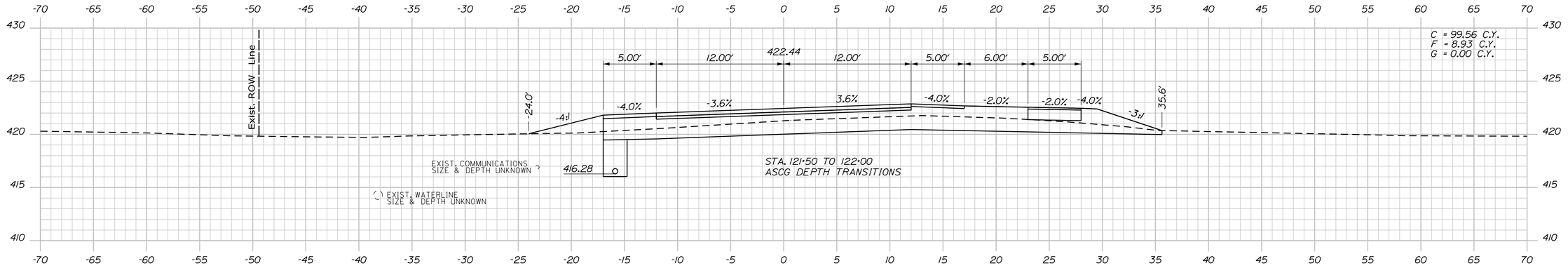
OF 124

Sta. 120+00.00 to Sta. 121+00.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

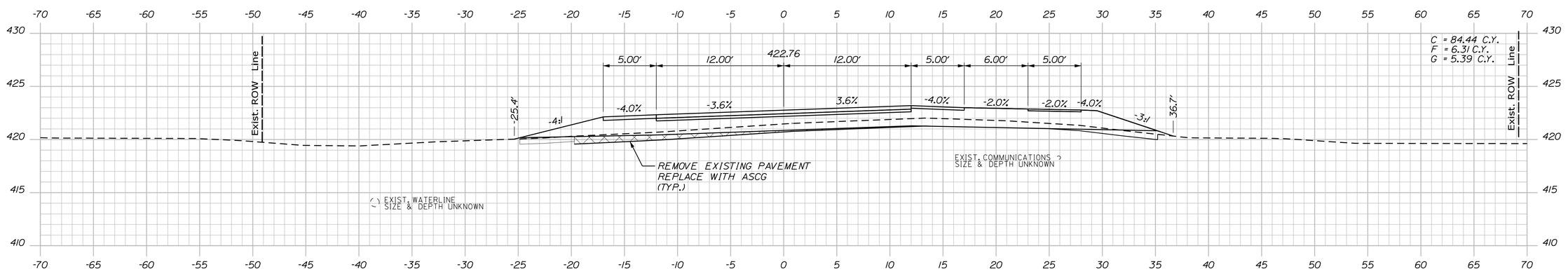


122+50.00



STA. 122+00.0, 15.9' LT. TO STA. 131+14.0, 15.9' LT.
INSTALL 6" X 912' UNDERDRAIN TYPE B

122+00.00



121+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	07/2020
P. POTTLE	LEM	
L. MEEK	THG	
T. GLEESON		

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	P. POTTLE
CHECKED-REVIEWED	L. MEEK
DESIGN2-DETAILED2	T. GLEESON
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

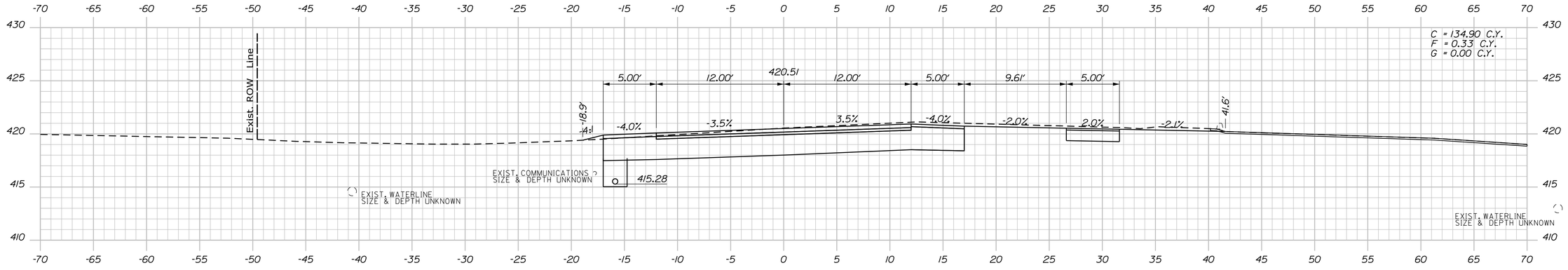
SHEET NUMBER

84

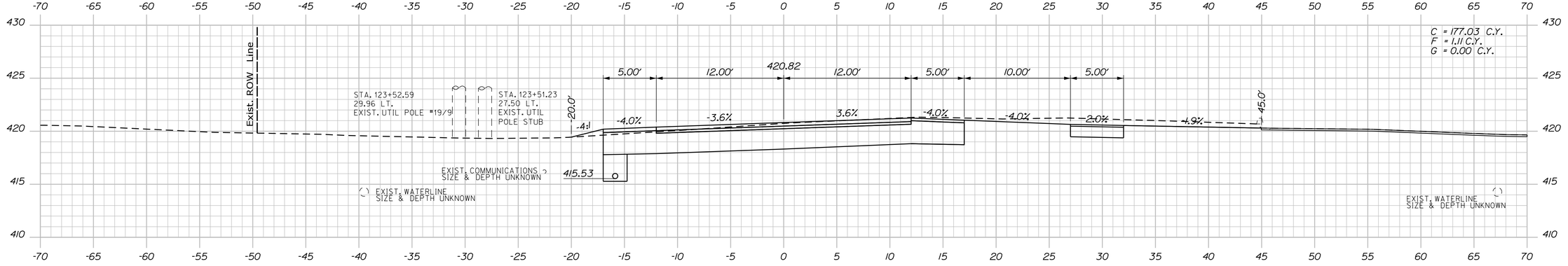
OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

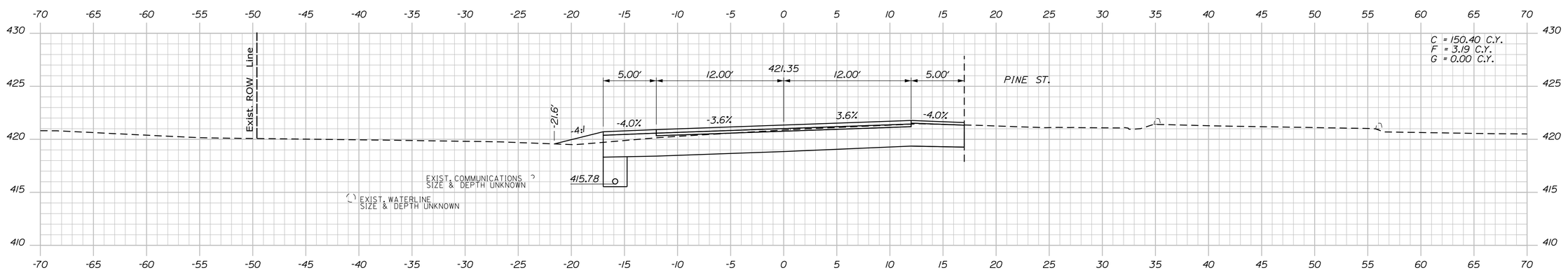
Sta. 121+50.00 to Sta. 122+50.00



124+00.00



123+50.00



123+00.00

Sta. 123+00.00 to Sta. 124+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

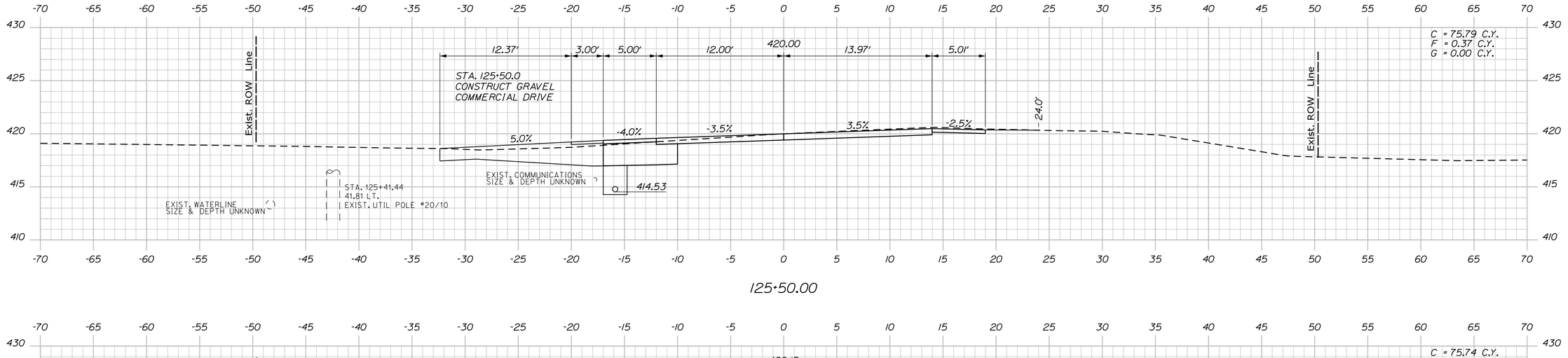
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SHEET NUMBER

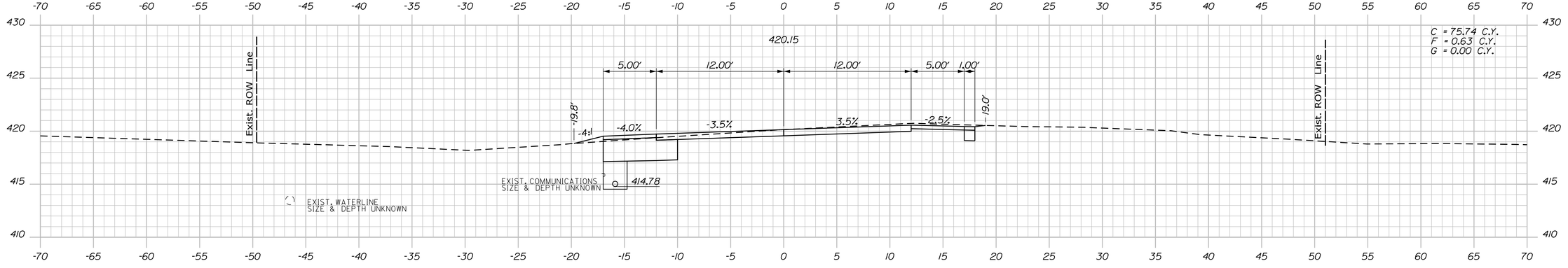
85

OF 124

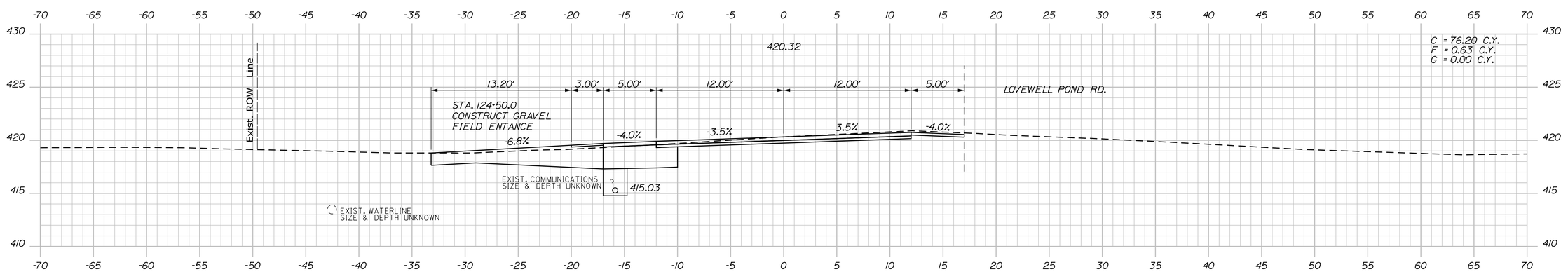
Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



125+50.00



125+00.00



124+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

P.E. NUMBER

SIGNATURE

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

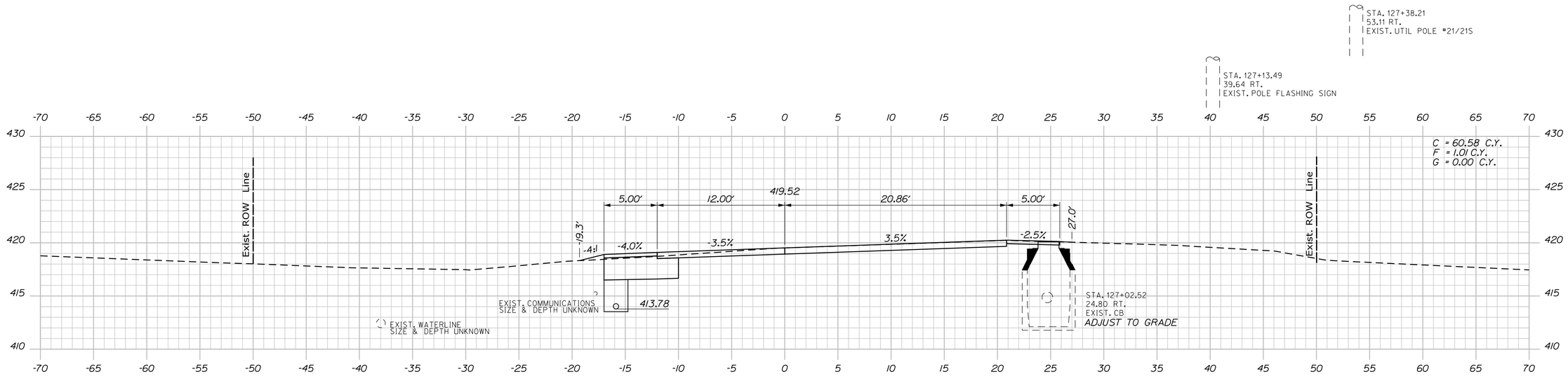
86

OF 124

Sta. 124+50.00 to Sta. 125+50.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	E. MARTIN	P. POTTLE	L. MEEK	T. GLEESON
BY	PLP	LEM	THG	
DATE	07/2020			

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

87

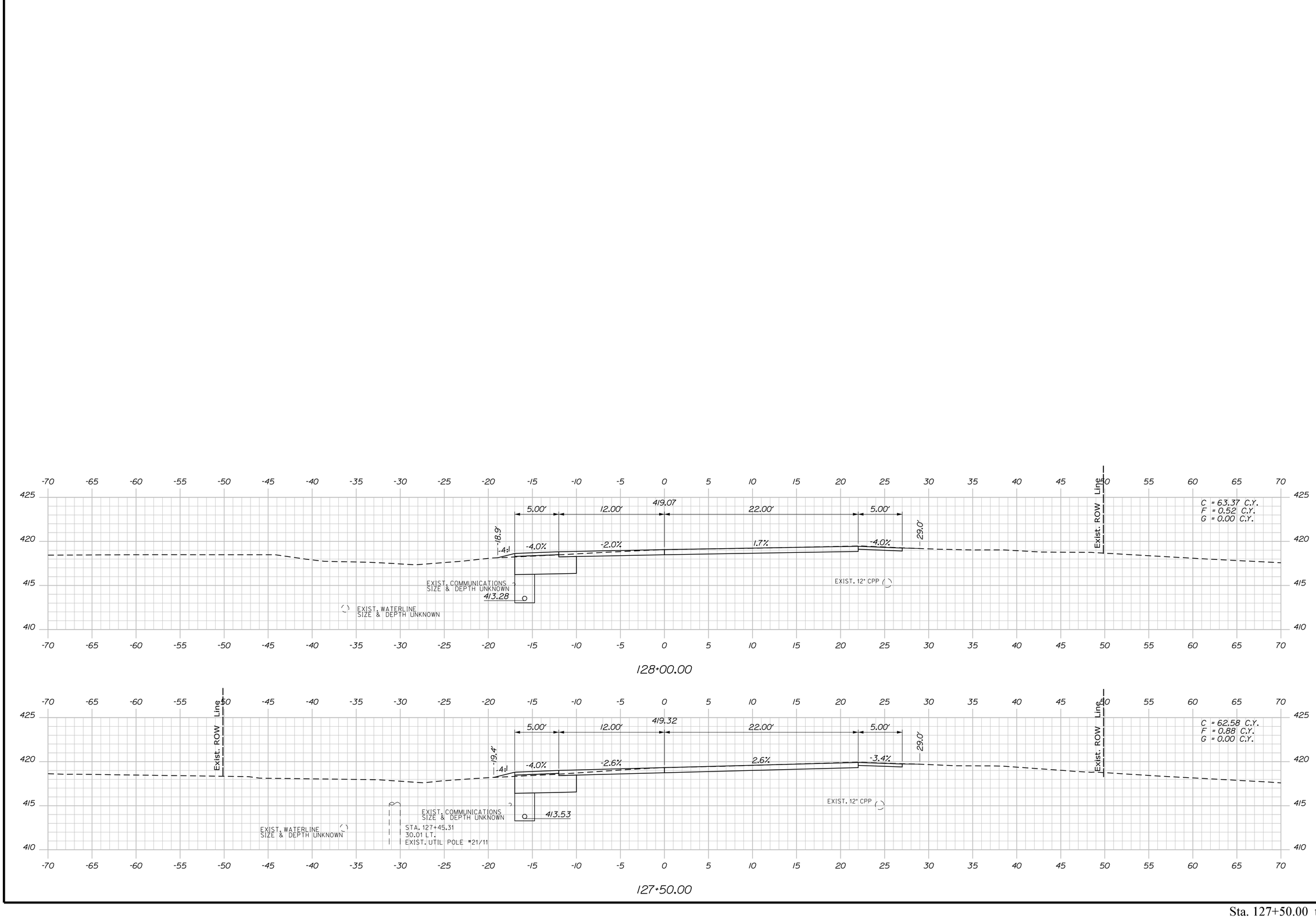
OF 124

Sta. 126+00.00 to Sta. 127+00.00

Username: lmeek Date:7/6/2020

Division: HIGHWAY

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn



PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

FRYEBURG
US ROUTE 302

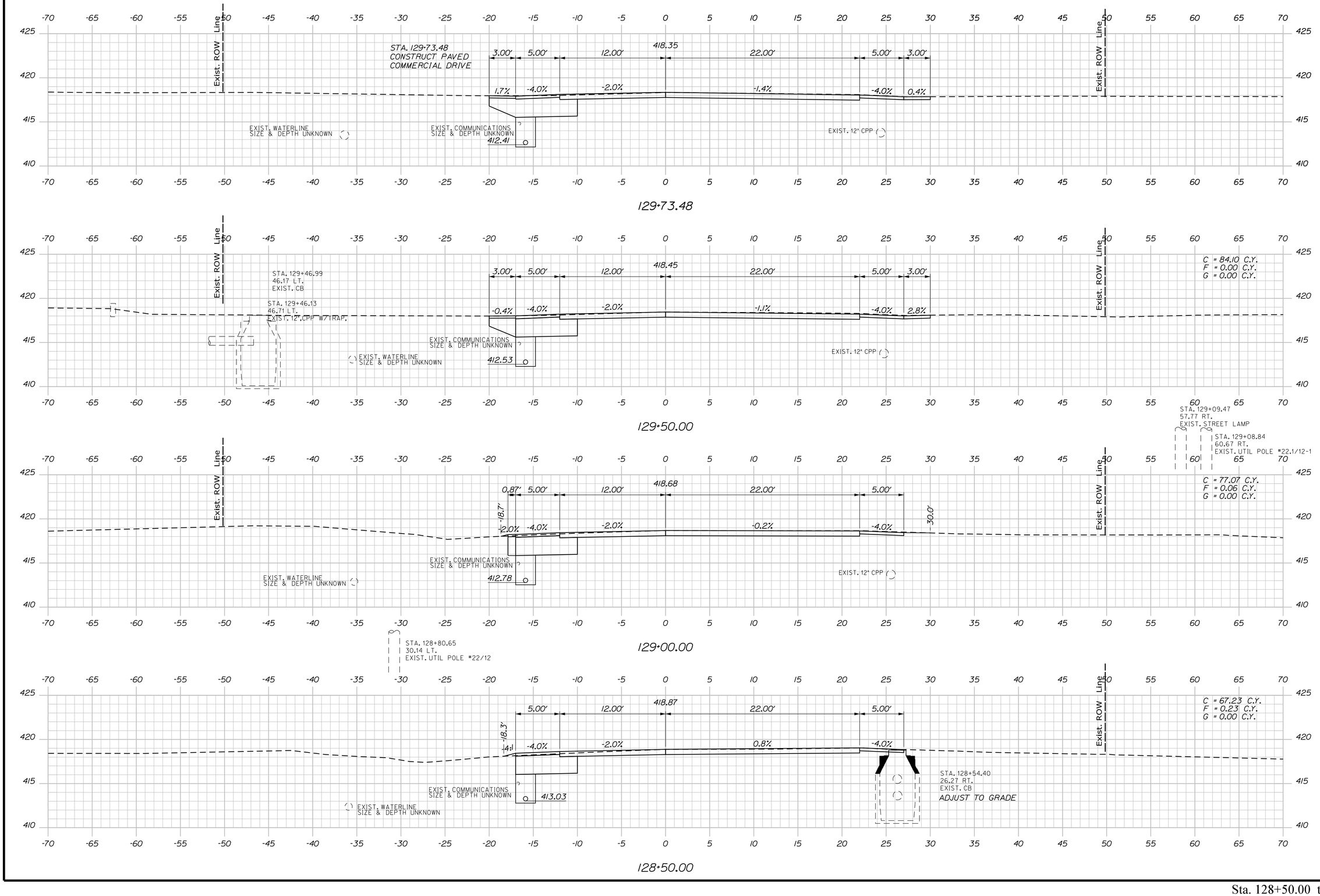
CROSS SECTIONS

SHEET NUMBER

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Sta. 127+50.00 to Sta. 128+00.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

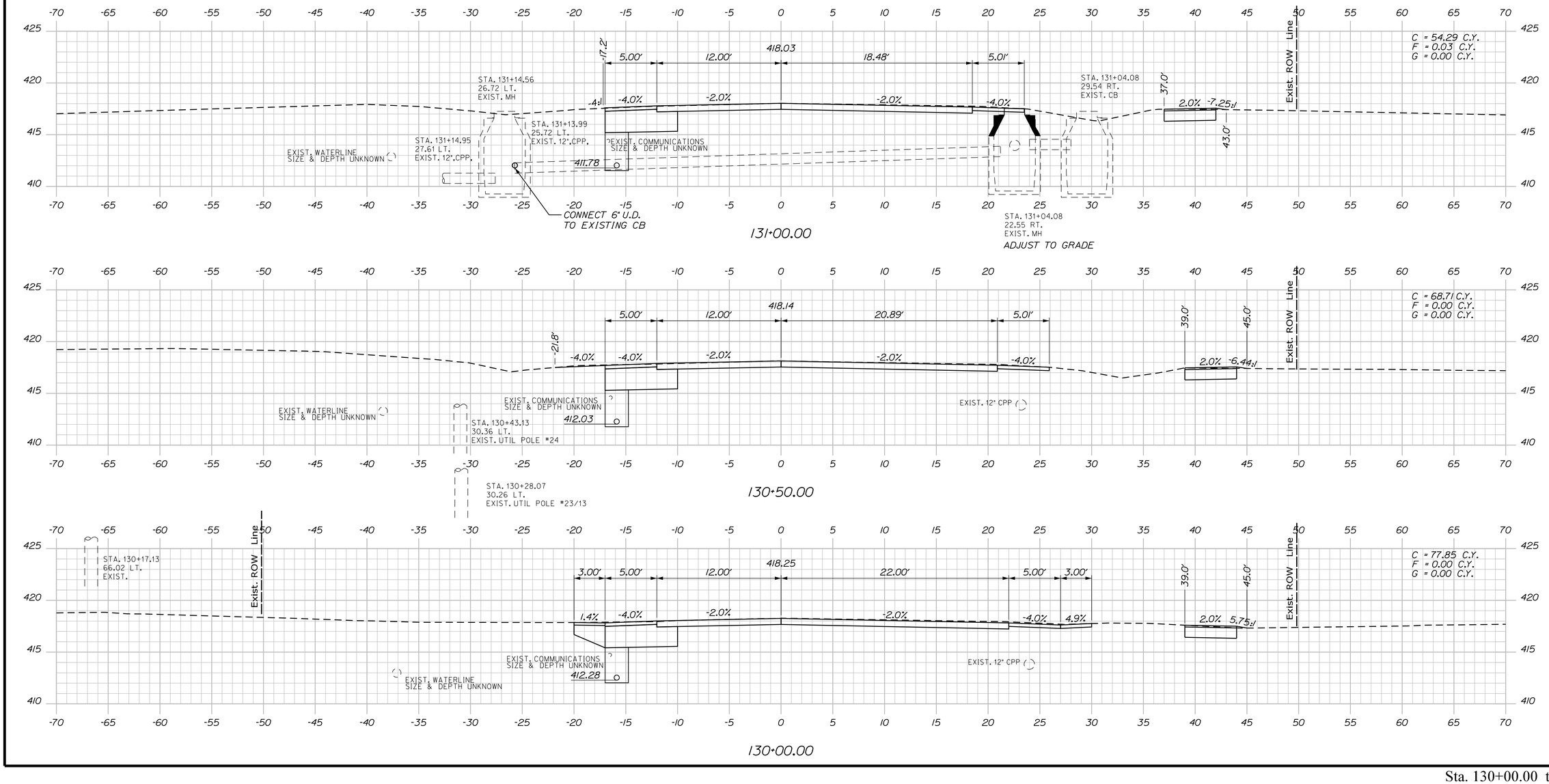
89

OF 124

Sta. 128+50.00 to Sta. 129+73.48

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Username: lmeek Date:7/6/2020
Division: HIGHWAY
Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

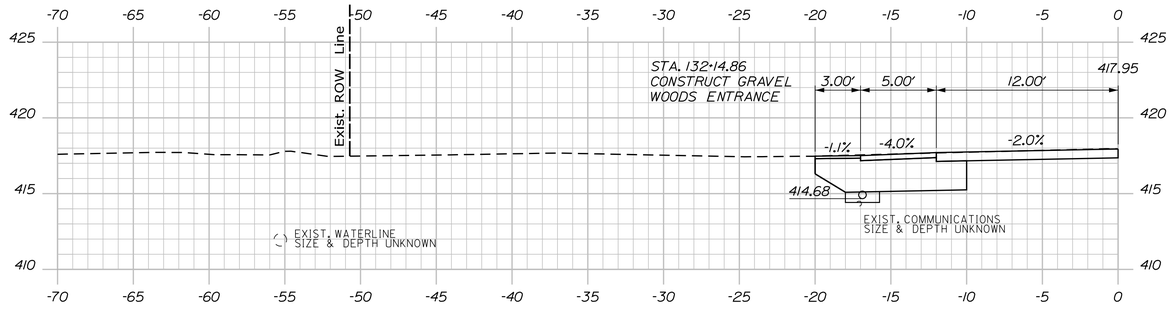
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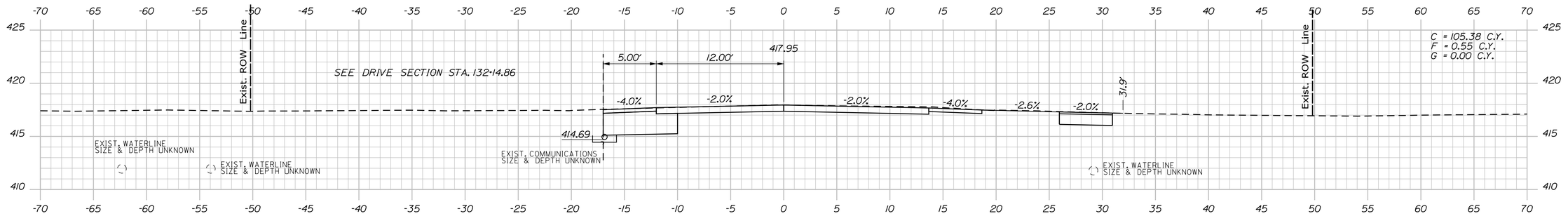
90

OF 124

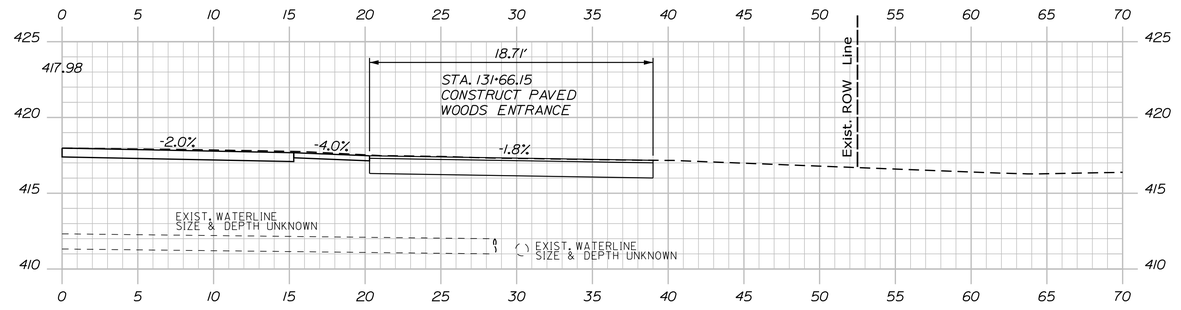
Sta. 130+00.00 to Sta. 131+00.00



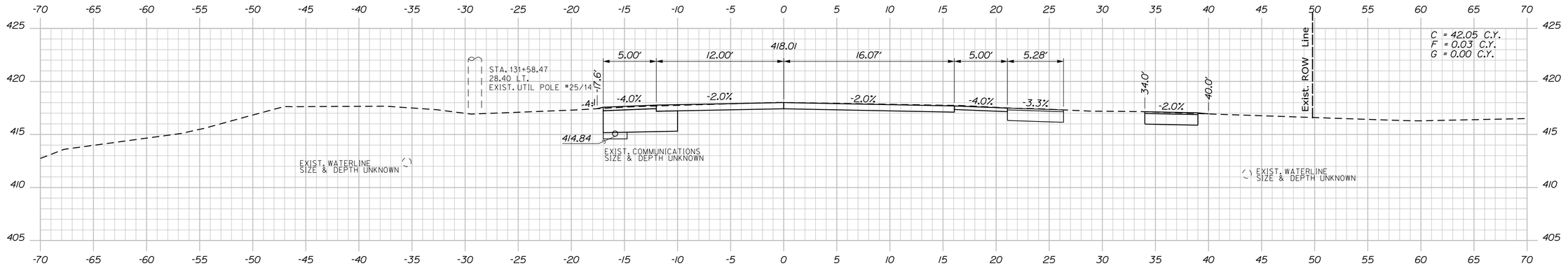
132+14.86



132+00.00



131+66.15



STA. 131+18.2, 15.9' LT. TO CB #29
INSTALL 6" X 233' UNDERDRAIN TYPE B

131+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
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DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

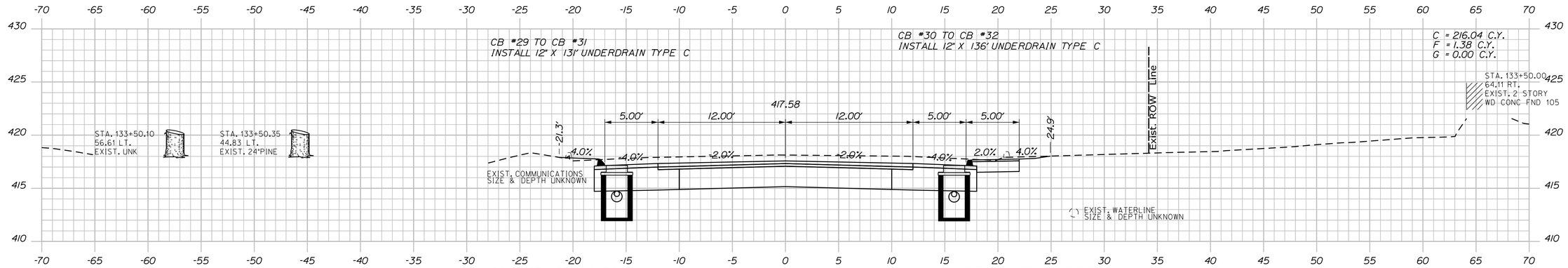
SHEET NUMBER

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Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Sta. 131+50.00 to Sta. 132+14.86



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DEPARTMENT OF TRANSPORTATION

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HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
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DESIGN3-DETAILED3			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

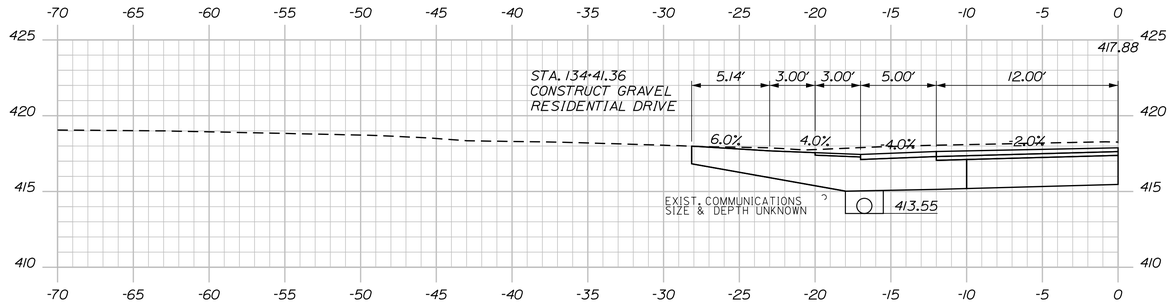
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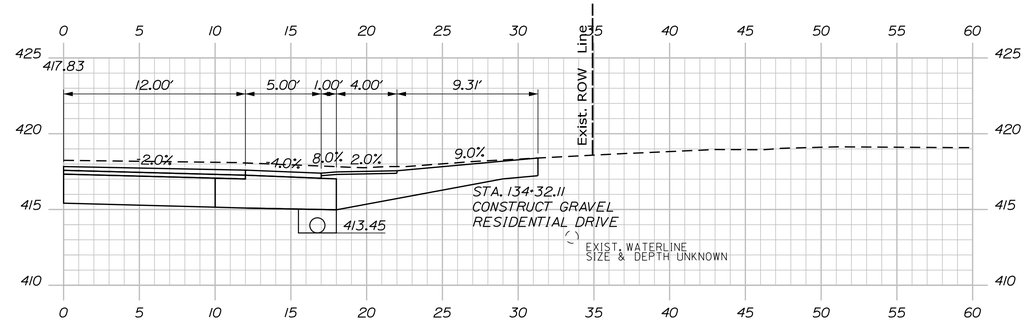
OF 124

Sta. 132+25.15 to Sta. 133+50.00

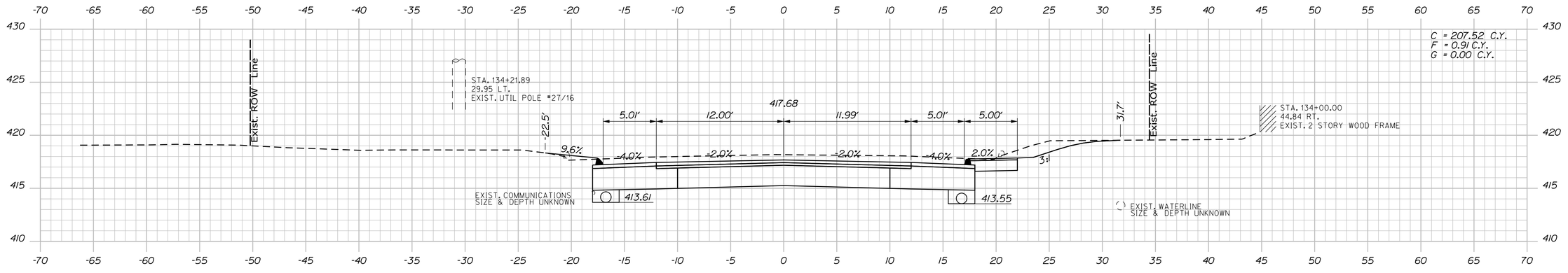
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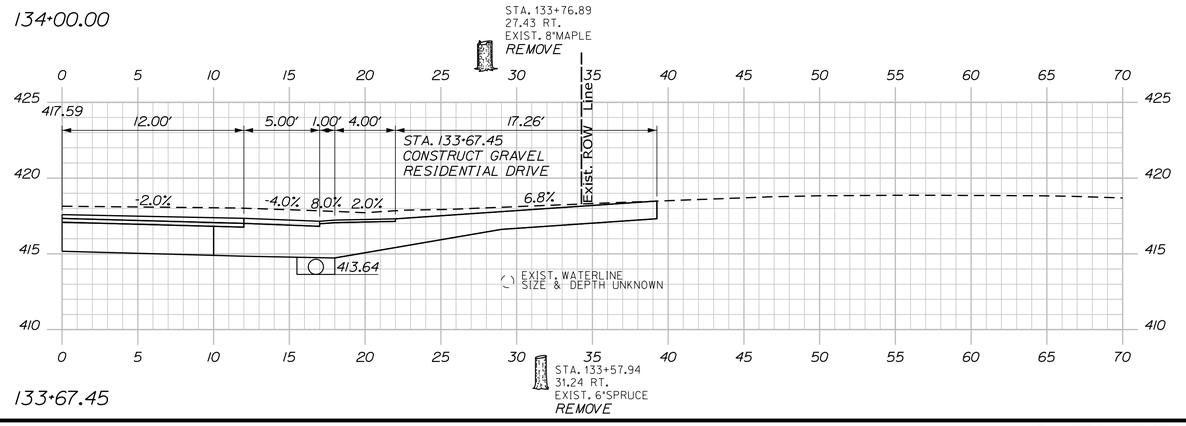
134+41.36



134+32.11



134+00.00



133+67.45

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	P. POTTLE
CHECKED-REVIEWED	L. MEEK
DESIGN2-DETAILED2	T. GLEESON
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	PLP	07/2020
REVISIONS 2	LEM	
REVISIONS 3	THG	
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

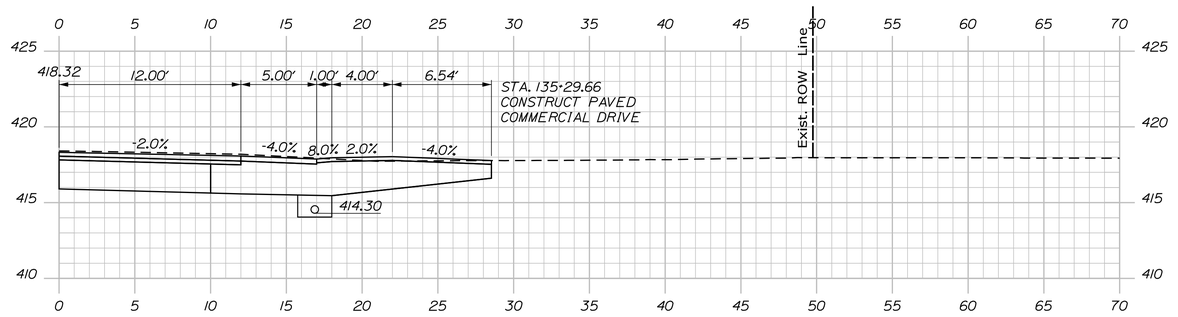
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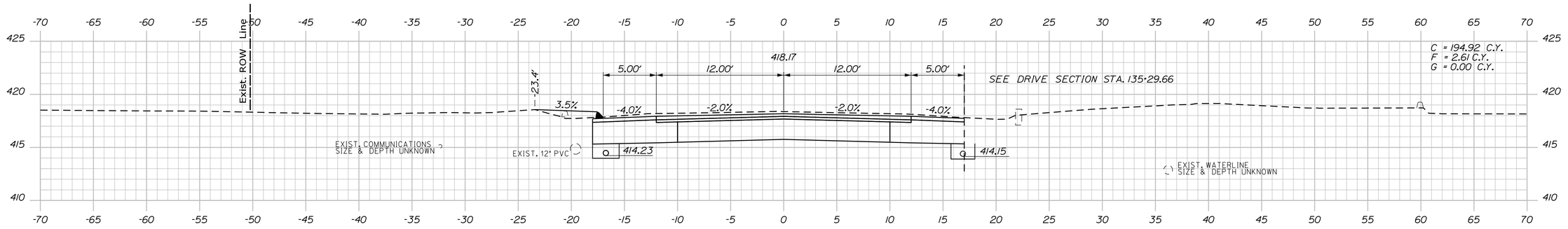
OF 124

Sta. 133+67.45 to Sta. 134+41.36

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



135+29.66

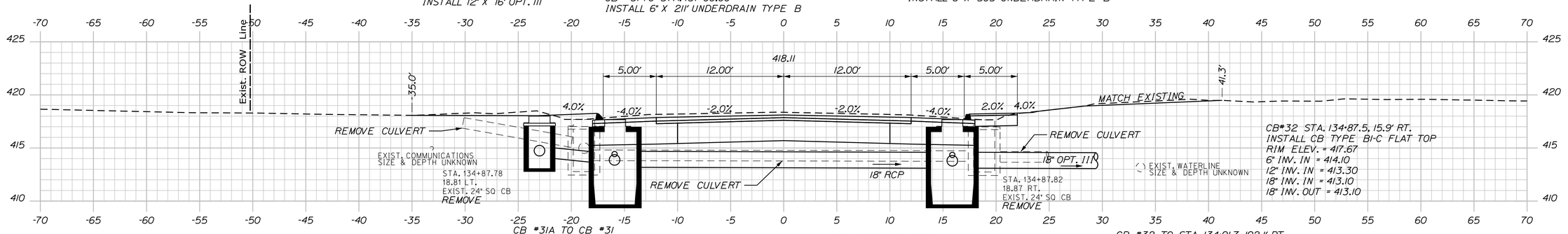


135+00.00

CB #31A TO EXISTING OCS PIPE
INSTALL 12" X 16' OPT. III

CB #31 TO STA. 137+00.00
INSTALL 6" X 211' UNDERDRAIN TYPE B

CB #32 TO STA. 139+94.3, 15.9' RT.
INSTALL 6" X 505' UNDERDRAIN TYPE B



CB #31A TO CB #31
INSTALL 12" X 4' OPT. III

CB #31 TO CB #32
INSTALL 18" X 28' RCP

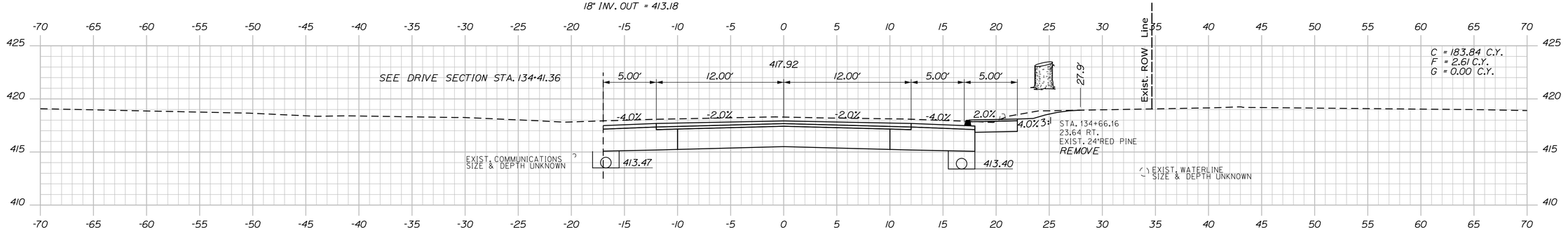
CB #32 TO STA. 134+91.7, 192.1' RT
INSTALL 18" X 173' OPT III

134+87.50

CB*31A STA. 134+87.5, 23.0' LT.
INSTALL CB TYPE F5
RIM ELEV. = 418.00
12" INV. IN = 414.25
12" INV. OUT = 414.00

CB*31 STA. 134+87.5, 15.9' LT.
INSTALL CB TYPE BI-C FLAT TOP
RIM ELEV. = 417.67
6" INV. IN = 414.18
12" INV. IN = 413.68
12" INV. IN = 413.38
18" INV. OUT = 413.18

STA. 134+79.75
27.66 RT.
EXIST. 20"RED PINE
REMOVE



134+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

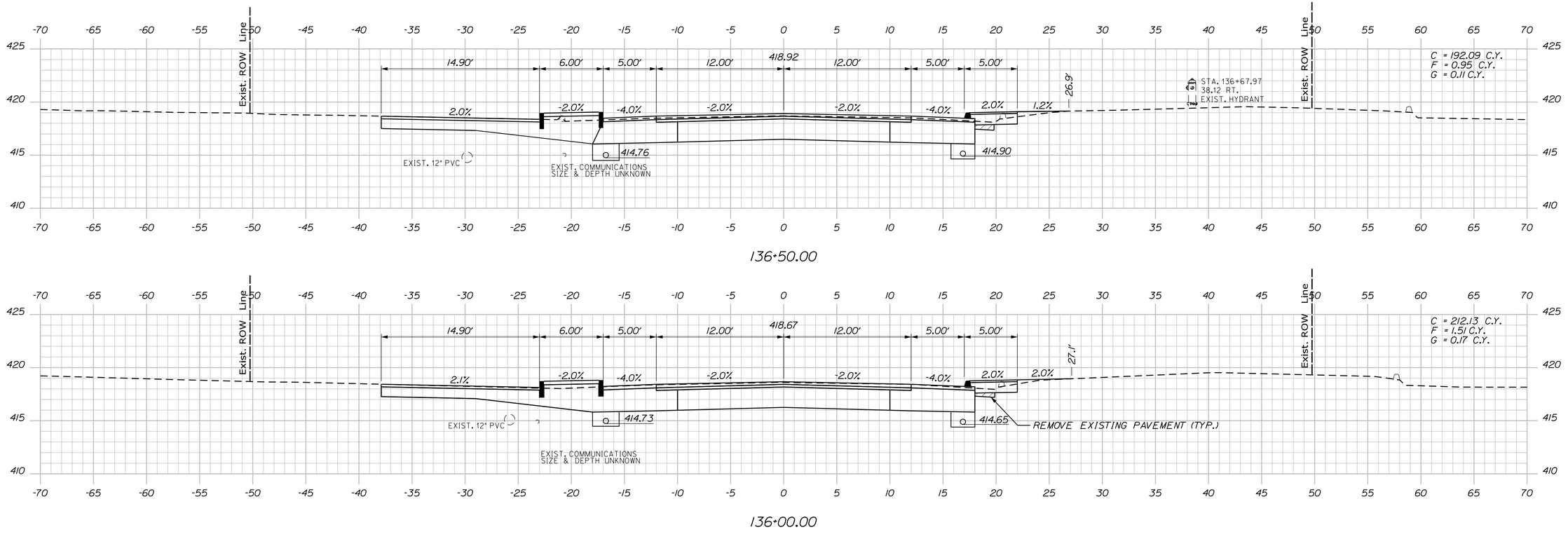
SHEET NUMBER

94

OF 124

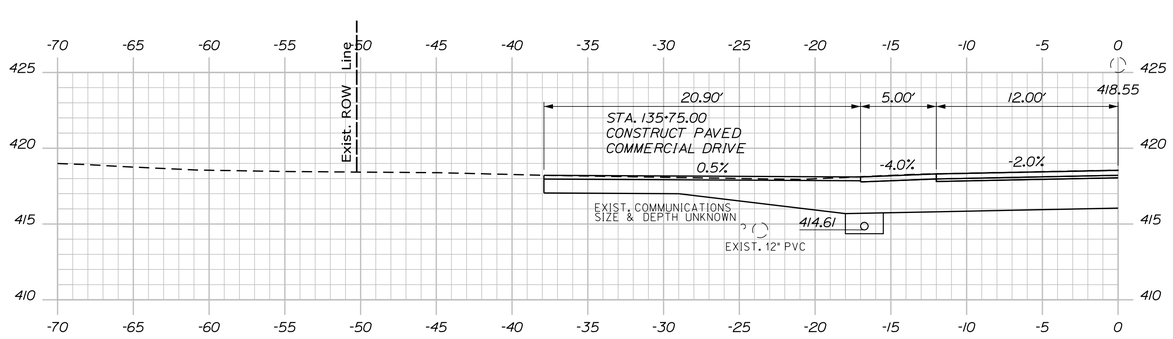
Sta. 134+50.00 to Sta. 135+29.66

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

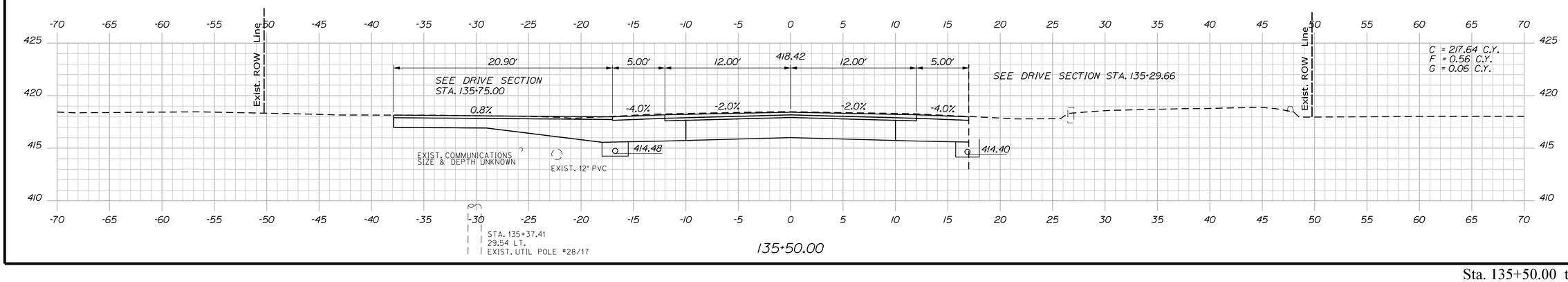


136+50.00

136+00.00



135+75.00



135+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07/2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
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FIELD CHANGES			

SIGNATURE

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DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

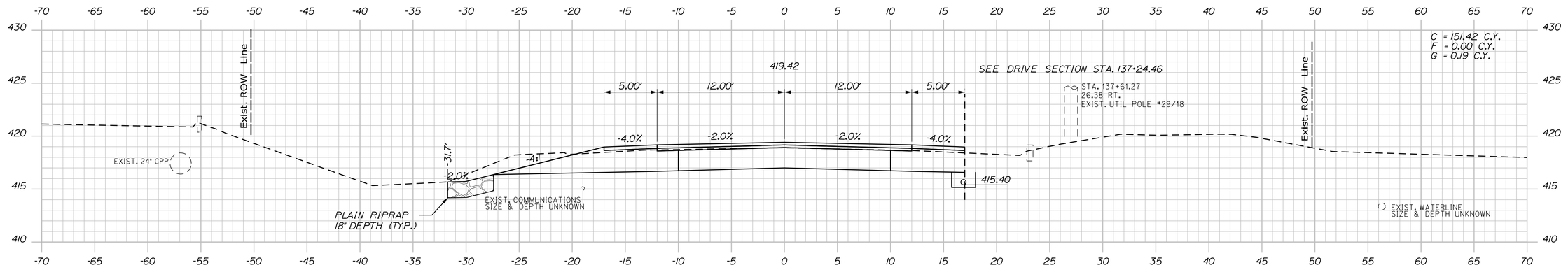
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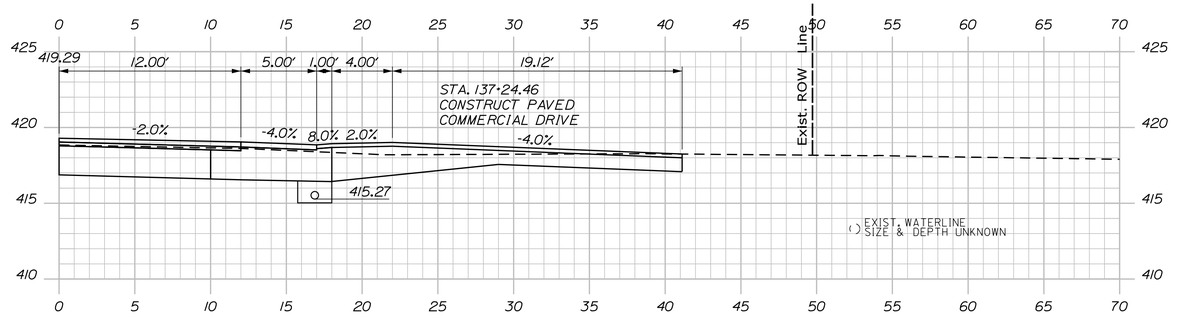
OF 124

Sta. 135+50.00 to Sta. 136+50.00

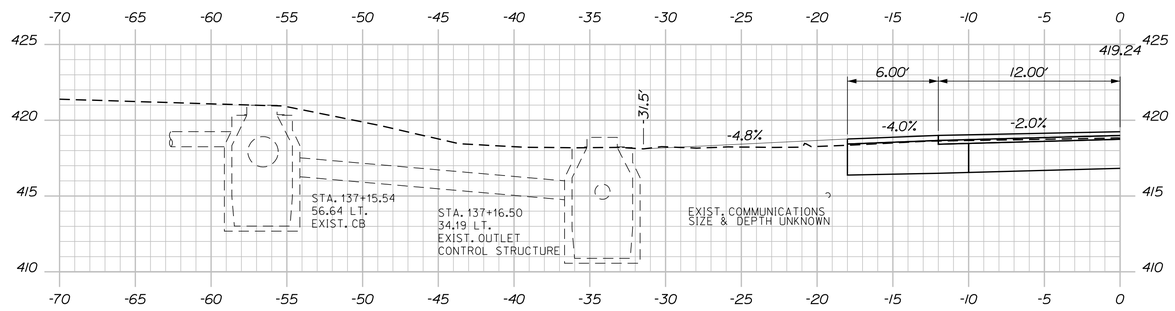
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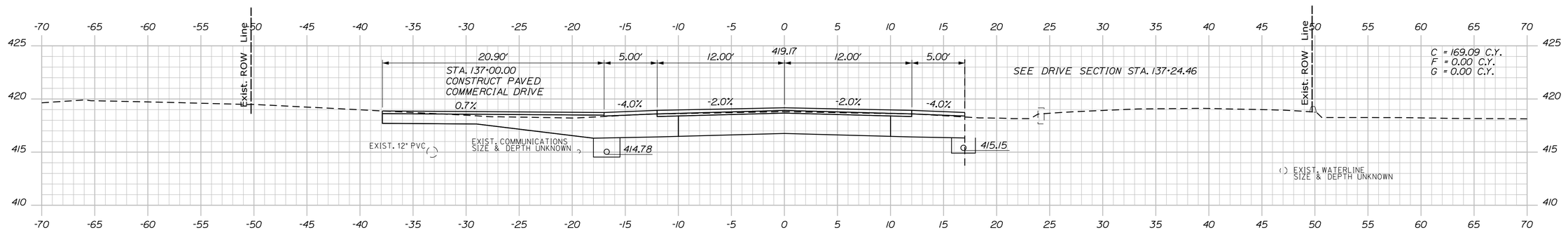
137+50.00



137+24.46



137+15.00



137+00.00

Sta. 137+00.00 to Sta. 137+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

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HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

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FRYEBURG
US ROUTE 302

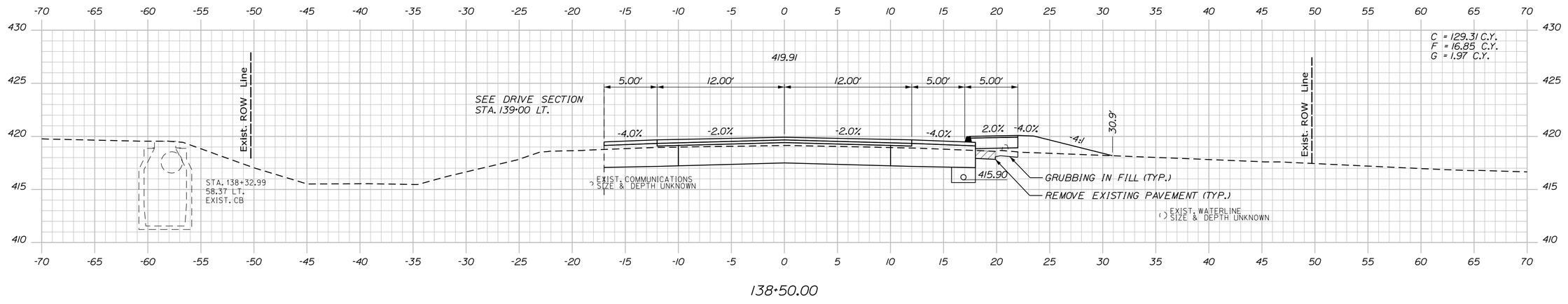
CROSS SECTIONS

SHEET NUMBER

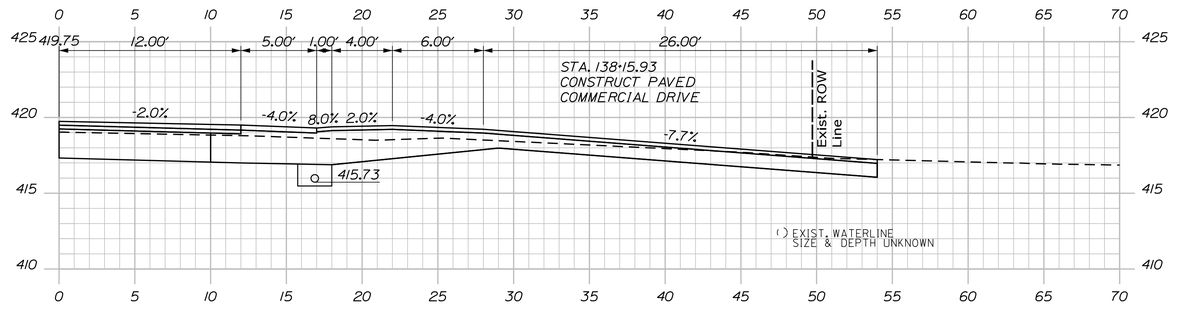
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OF 124

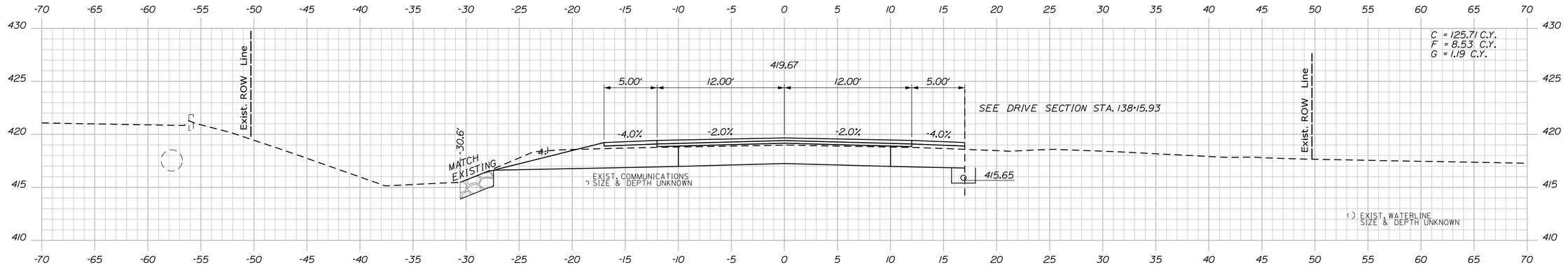
Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



138+50.00



138+15.93



138+00.00

Sta. 138+00.00 to Sta. 138+50.00

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DEPARTMENT OF TRANSPORTATION

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HIGHWAY PLANS

	BY	DATE
E. MARTIN		
PROJ. MANAGER		
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
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CROSS SECTIONS

SHEET NUMBER

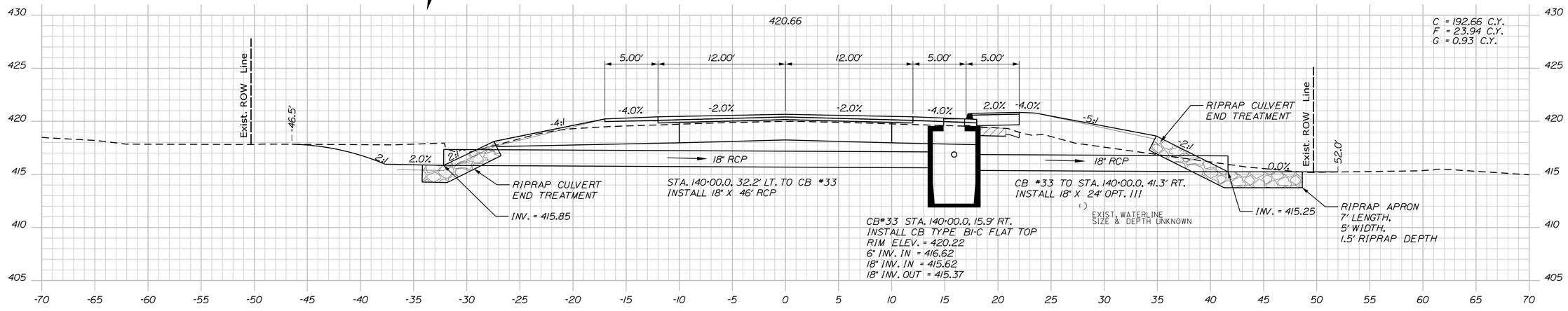
97

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

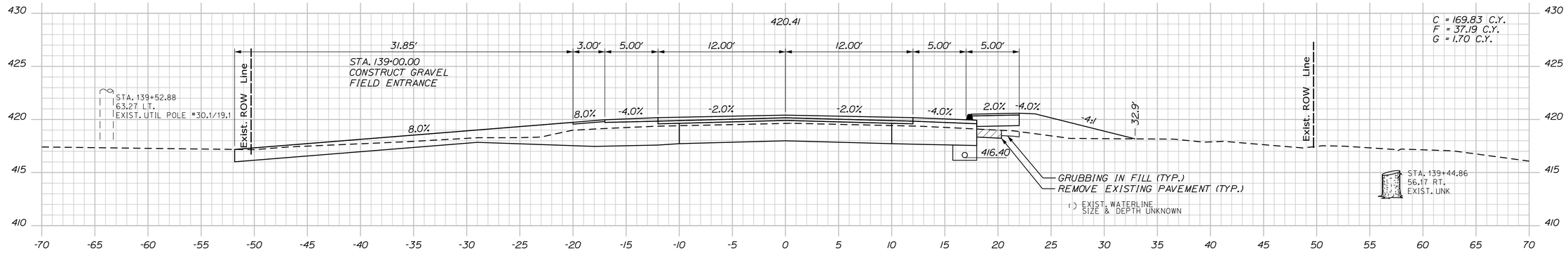
Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

CB #33 TO STA. 143+46.6, 15.9' RT.
INSTALL 6" X 345' UNDERDRAIN TYPE B

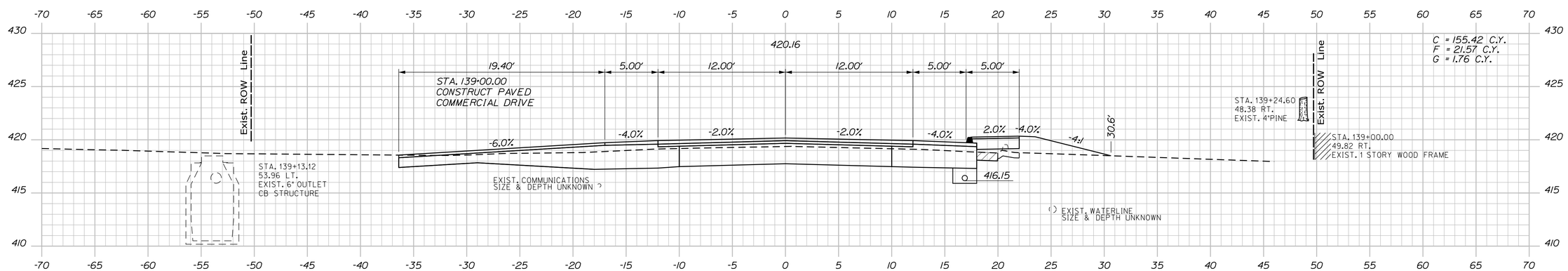


140+00.00

STA. 139+84.93
39.61 RT.
EXIST. UTIL POLE #30/19



139+50.00



139+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	P. POTTLE	PLP
CHECKED-REVIEWED	L. MEEK	LEM
DESIGN2-DETAILED2	T. GLEESON	THG
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		07/2020
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

98

OF 124

Sta. 139+00.00 to Sta. 140+00.00

Sta. 140+50.00 to Sta. 141+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN		
P. POTTLE	PLP	07/2020
L. MEEK	LEM	
T. GLEESON	THG	

	SIGNATURE
PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

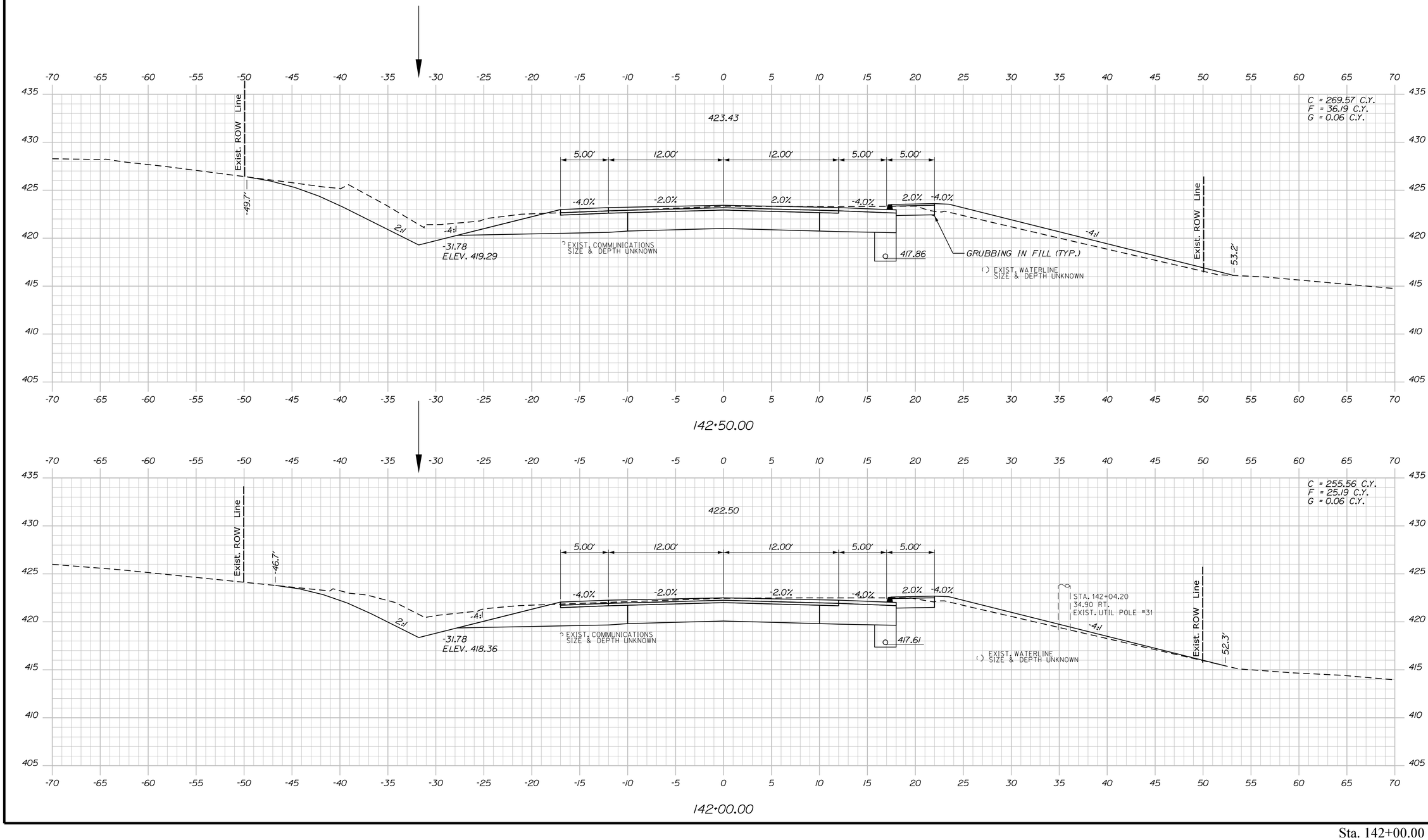
CROSS SECTIONS

SHEET NUMBER

99

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



Sta. 142+00.00 to Sta. 142+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

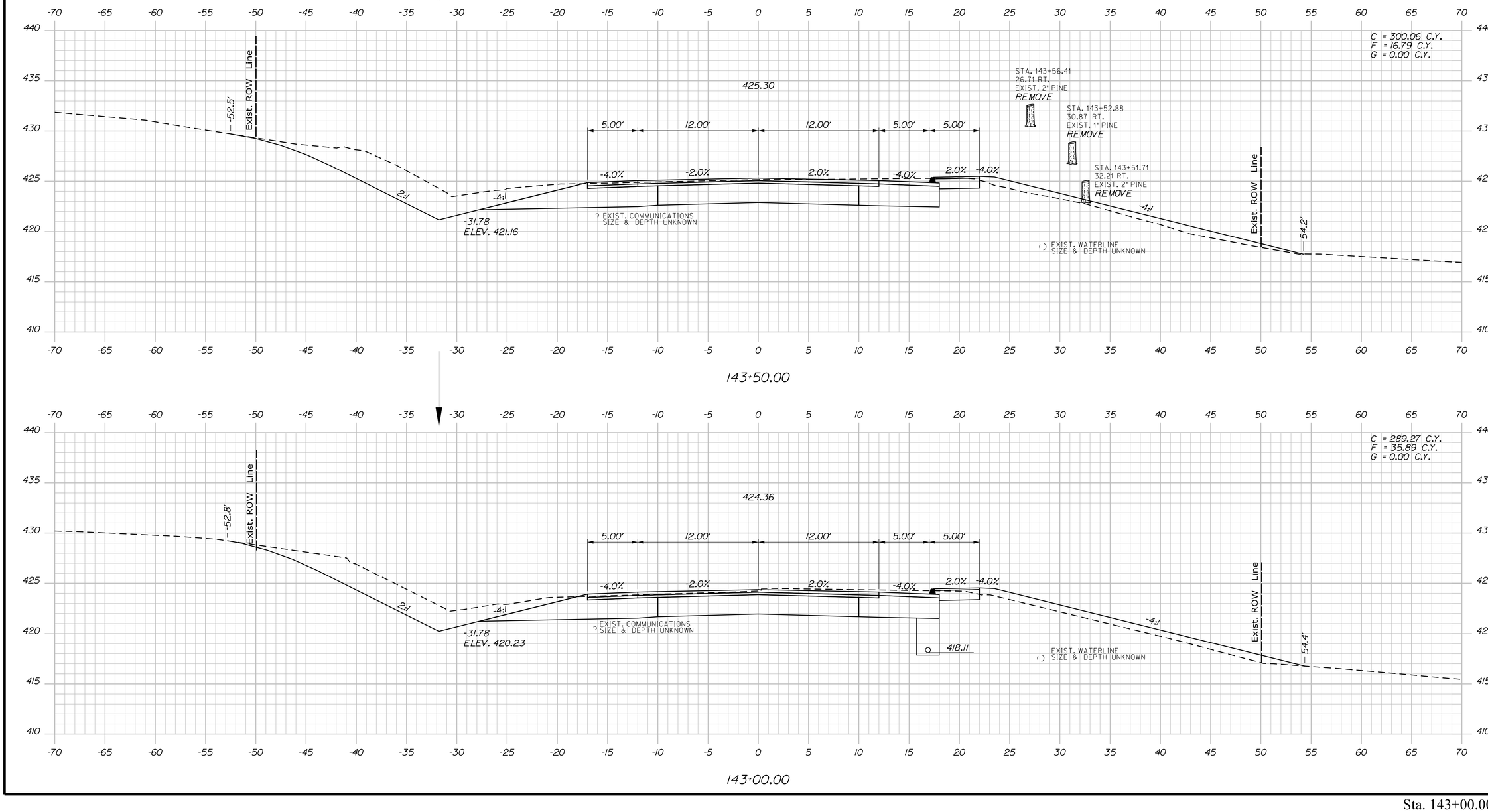
SHEET NUMBER

100

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



Sta. 143+00.00 to Sta. 143+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

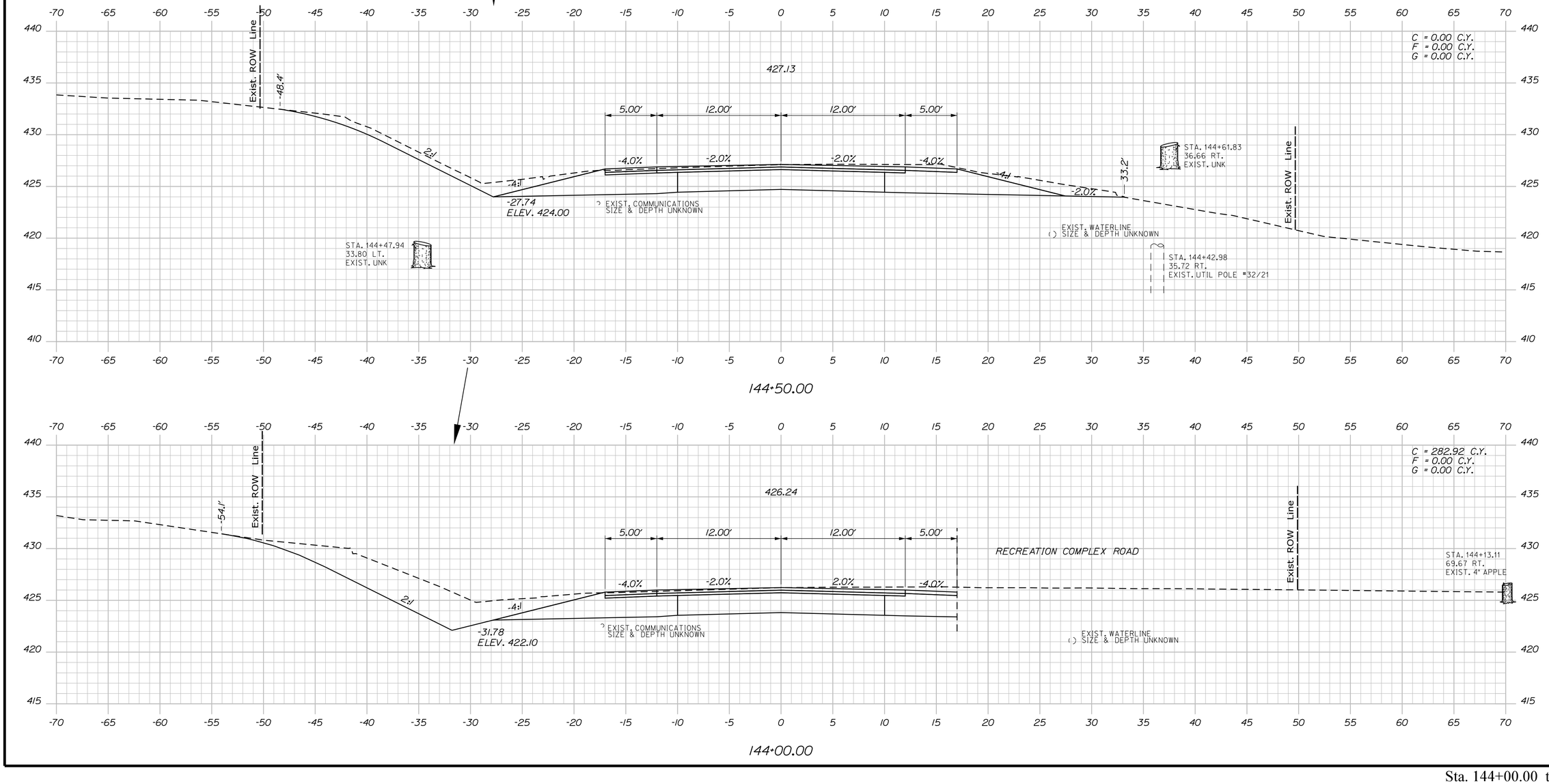
FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

101

OF 124



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN		
PROJ. MANAGER	P. POTTLE	PLP
DESIGN-DETAILED	L. MEEK	LEM
CHECKED-REVIEWED	T. GLEESON	THG
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

102

OF 124

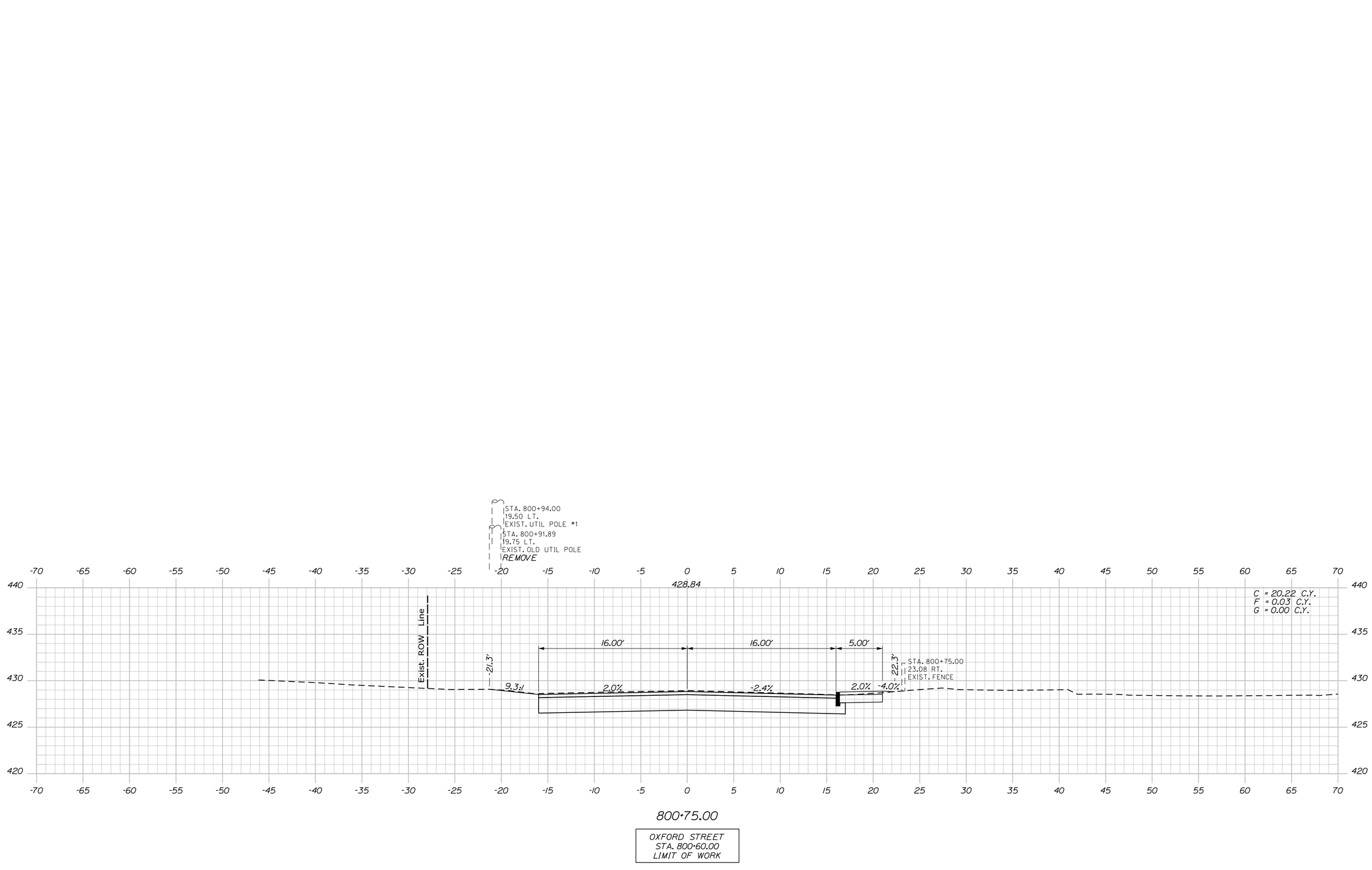
Sta. 144+00.00 to Sta. 144+50.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Username: lmeek Date:7/6/2020

Division: HIGHWAY

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn



PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

FRYEBURG
US ROUTE 302

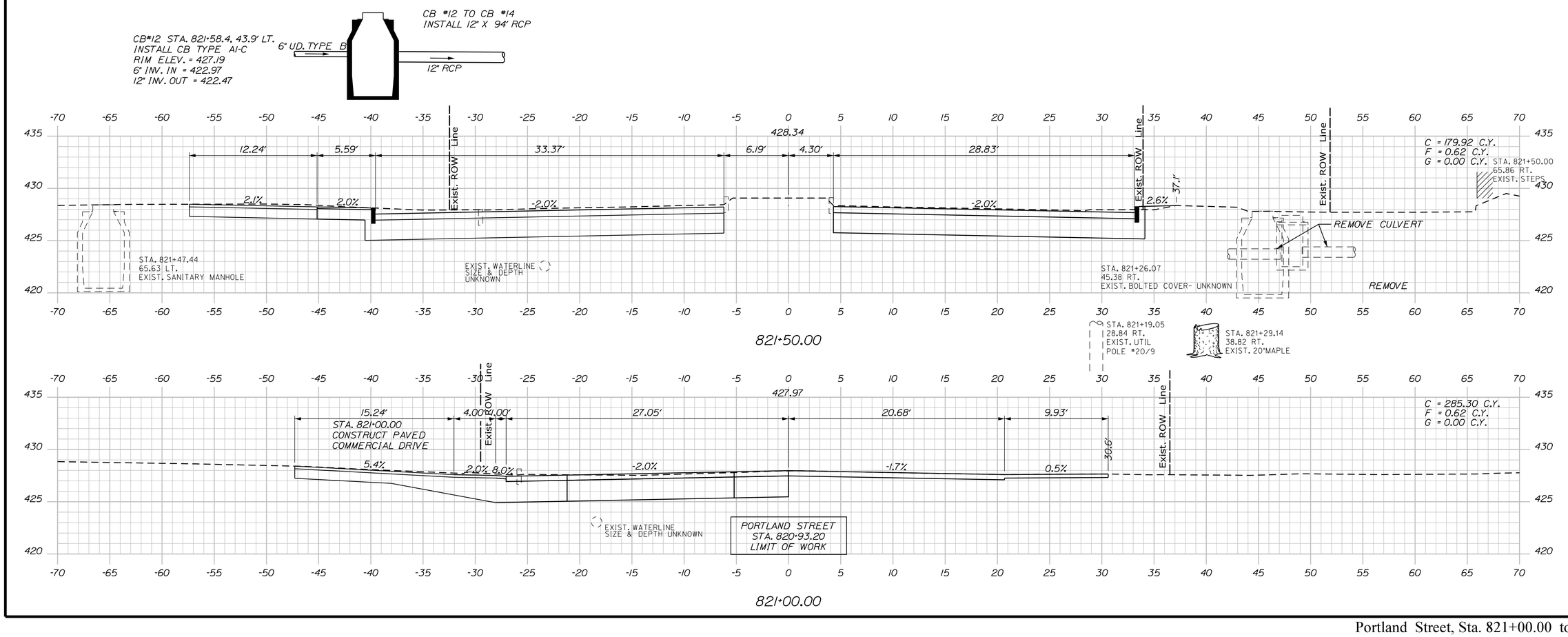
CROSS SECTIONS

SHEET NUMBER

103

OF 124

Oxford Street, Sta. 800+75.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07/2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

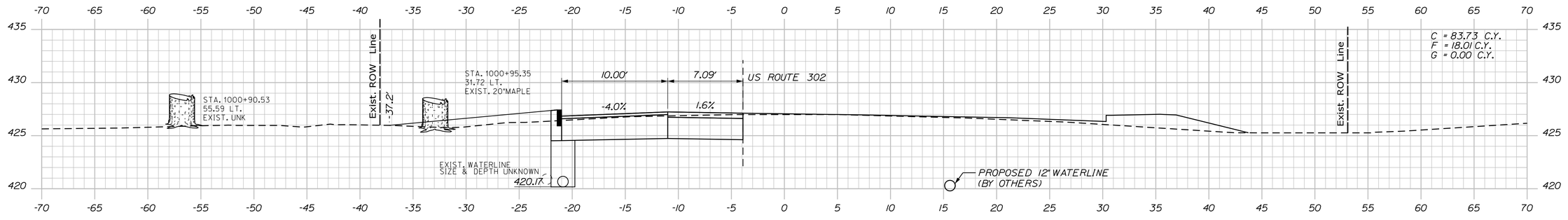
SHEET NUMBER

104

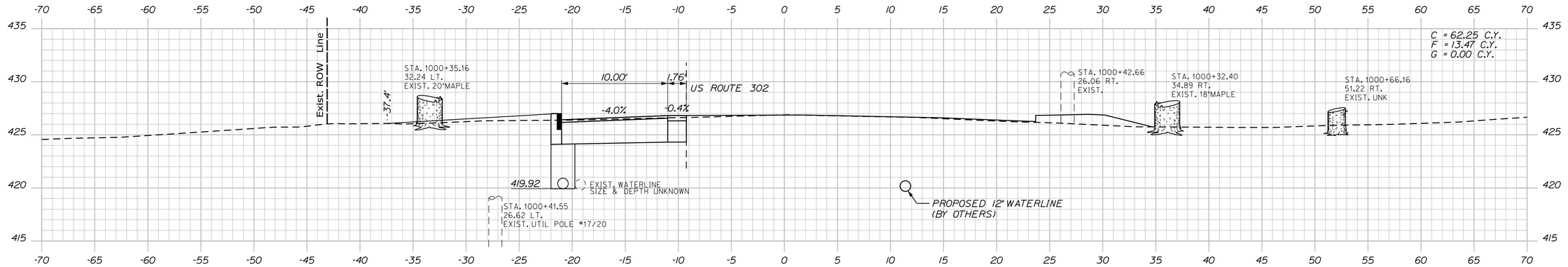
OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Username: lmeek Date:7/6/2020 Division: HIGHWAY

Portland Street, Sta. 821+00.00 to Sta. 821+50.00

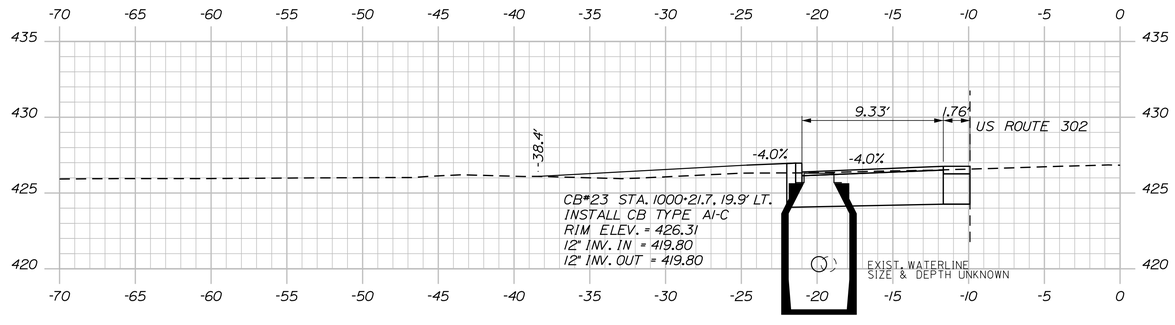


1001+00.00

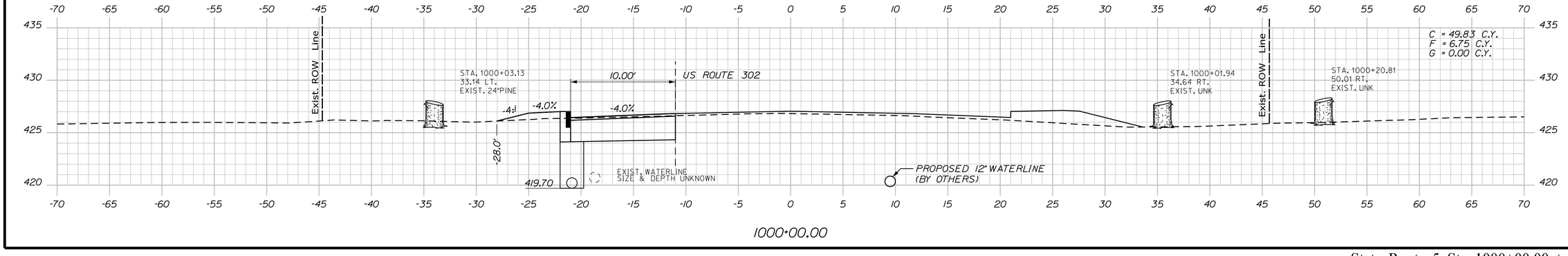


CB #23 TO CB #23A
INSTALL 12" X 262' UNDERDRAIN TYPE C

1000+50.00



1000+21.70



1000+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

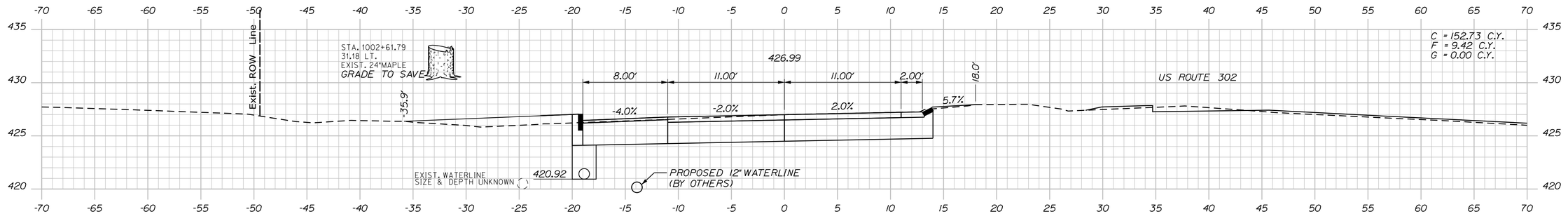
CROSS SECTIONS

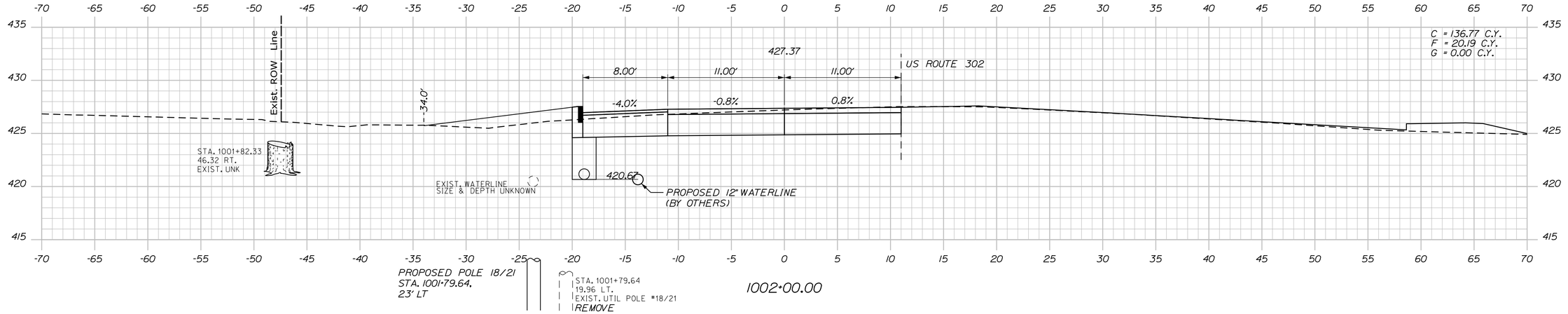
SHEET NUMBER

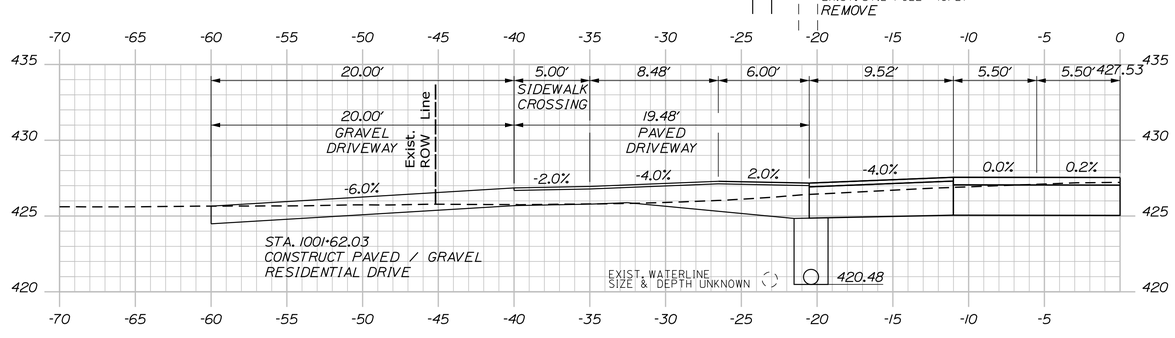
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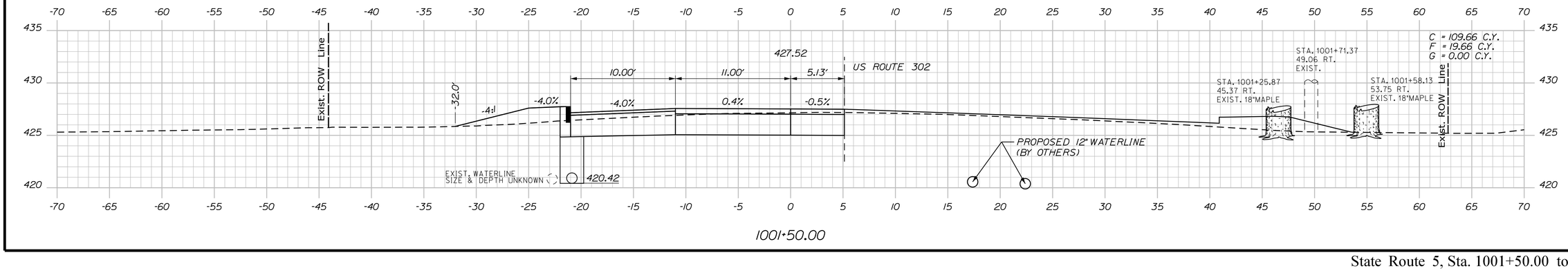
OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	E. MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	P. POTTLE	PLP	07/2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

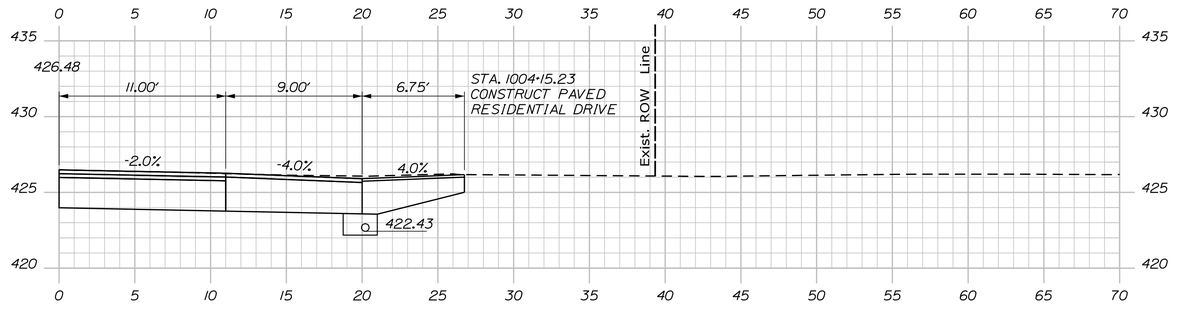
SHEET NUMBER

106

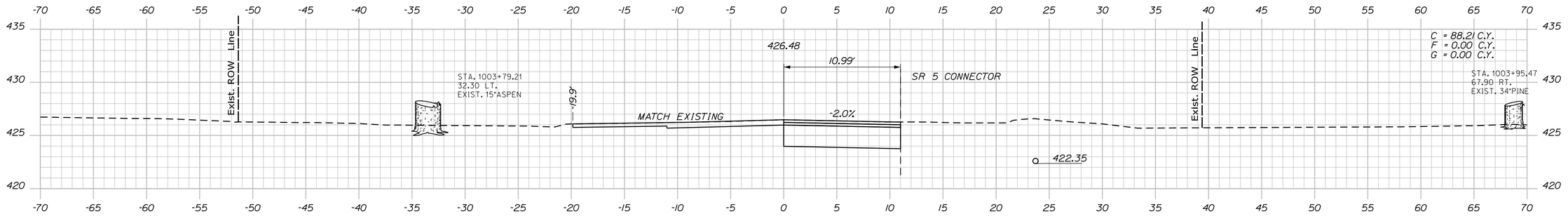
OF 124

State Route 5, Sta. 1001+50.00 to Sta. 1002+50.00

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

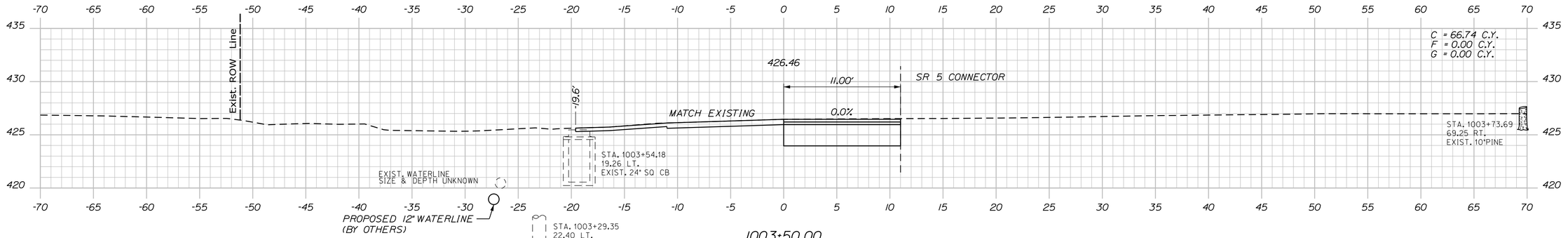


1004+15.23

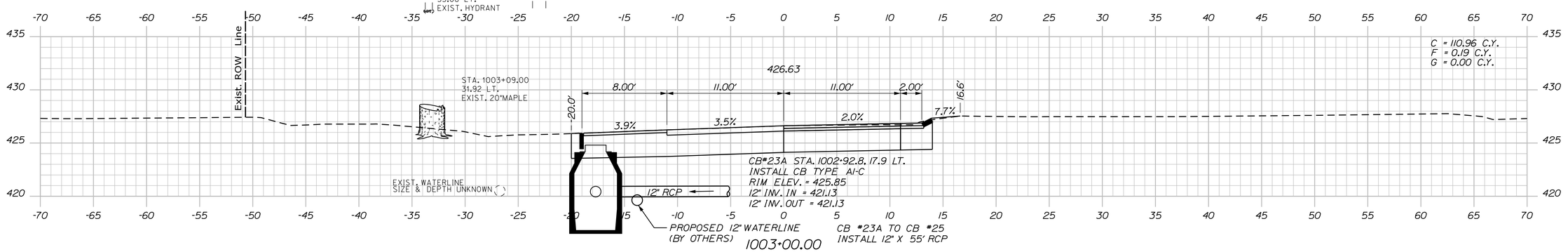


1004+00.00

CB #24 TO STA. 1004+76.22 18.9 RT.
INSTALL 6" X 80' UNDERDRAIN TYPE B



1003+50.00



1003+00.00

CB #23A STA. 1002+92.8, 17.9 LT.
INSTALL CB TYPE AI-C
RIM ELEV. = 425.85
12" INV. IN = 421.13
12" INV. OUT = 421.13

CB #23A TO CB #25
INSTALL 12" X 55' RCP

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

107

OF 124

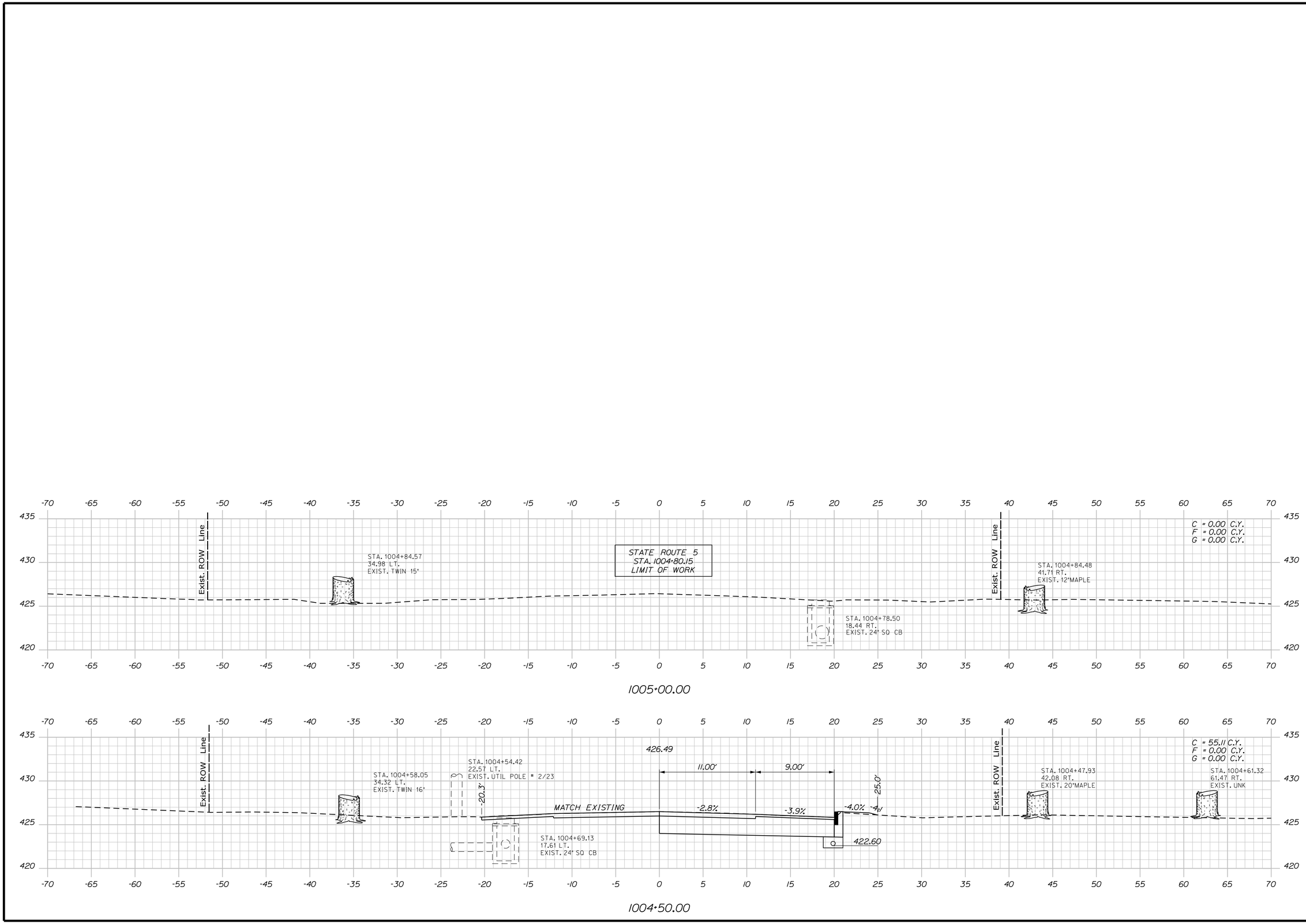
Date:7/6/2020

Username: lmeek

Division: HIGHWAY

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07\2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

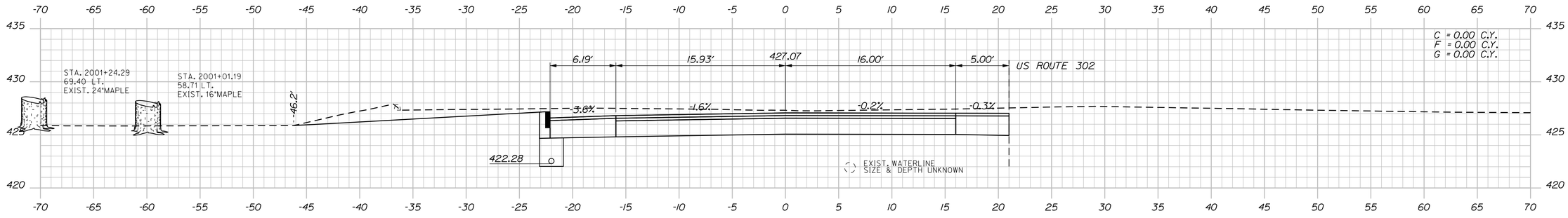
FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

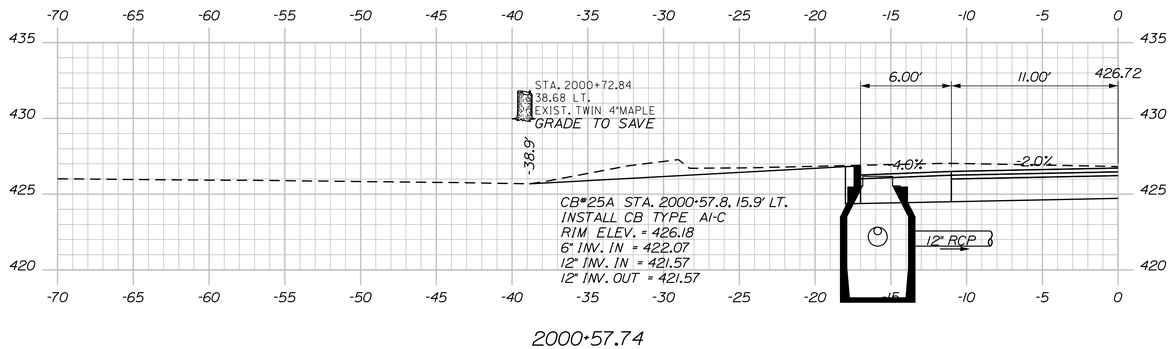
108

OF 124

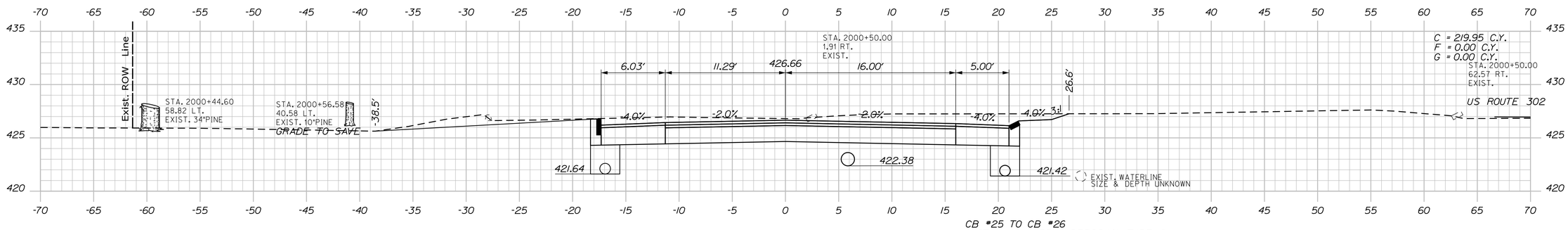


2001+00.00

CB #25A TO STA. 108+81.1, 19.9' LT.
INSTALL 6" X 99' UNDERDRAIN TYPE B



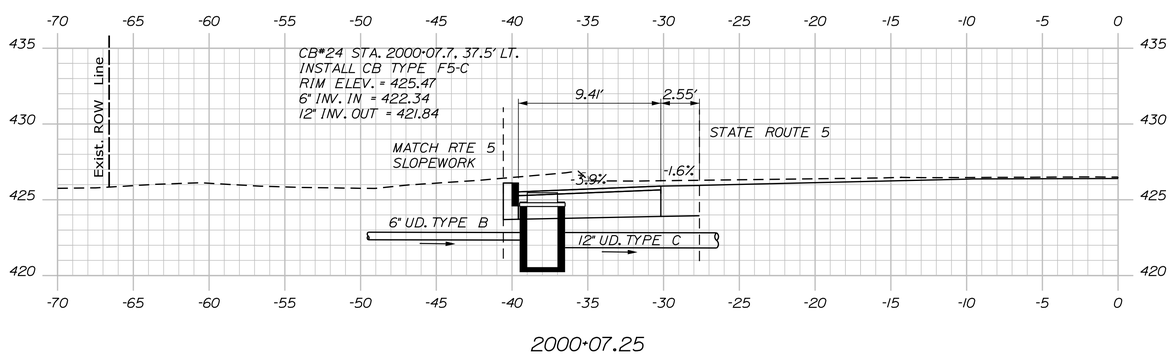
2000+57.74



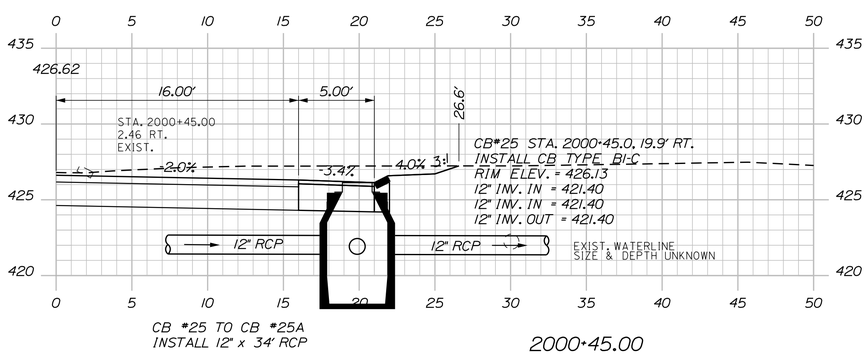
2000+50.00

CB #24 TO CB#25A
INSTALL 12" X 53' UNDERDRAIN TYPE C

CB #25 TO CB #26
INSTALL 12" X 53' UNDERDRAIN TYPE C



2000+07.25



CB #25 TO CB #25A
INSTALL 12" x 34' RCP

2000+45.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	07/2020
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

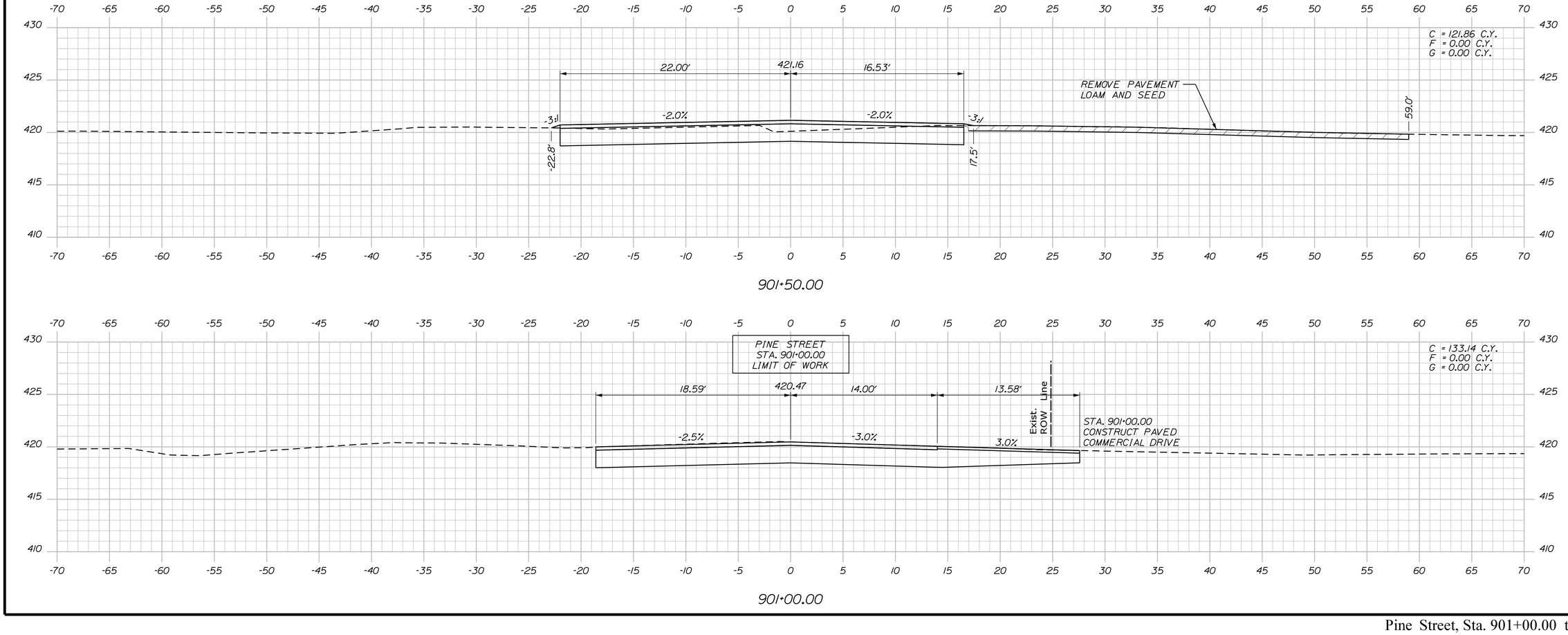
CROSS SECTIONS

SHEET NUMBER

109

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

	BY	DATE
E. MARTIN	PLP	07\2020
P. POTTLE	LEM	
L. MEEK	THG	
T. GLEESON		

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

110

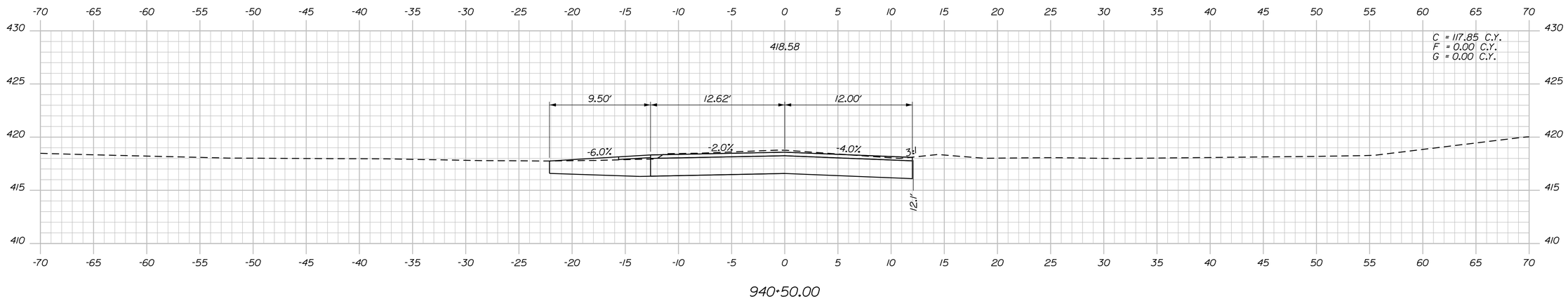
OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

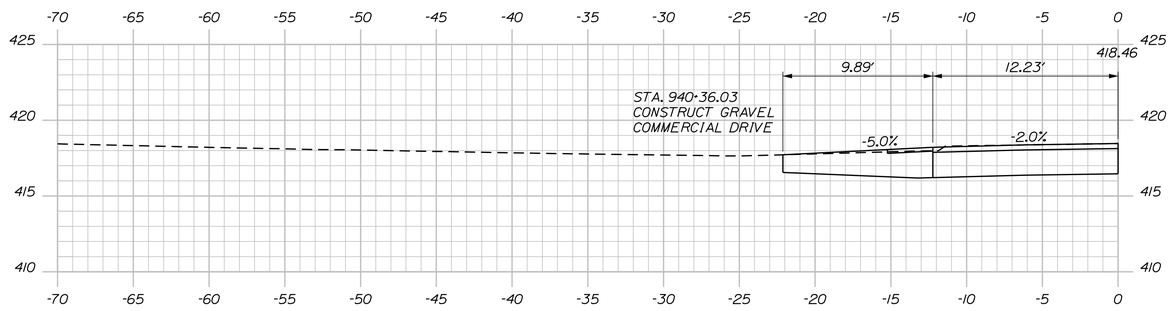
Pine Street, Sta. 901+00.00 to Sta. 901+50.00

PROPOSED POLE 1/1
STA. 940+67.00
21' LT

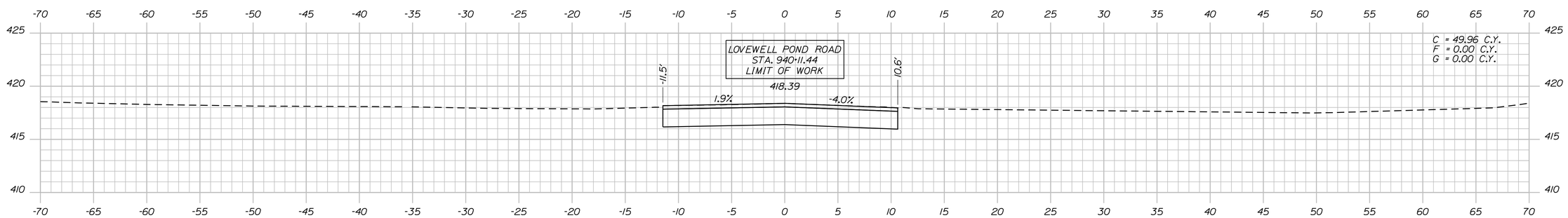
STA. 940+67.00
17.55 LT.
EXIST. UTIL POLE #1/1



940+50.00



940+36.03



940+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

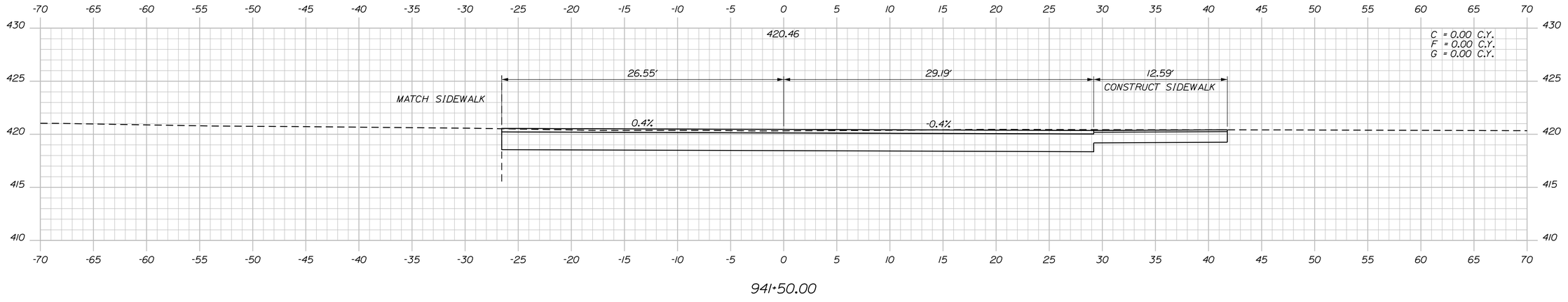
SHEET NUMBER

111

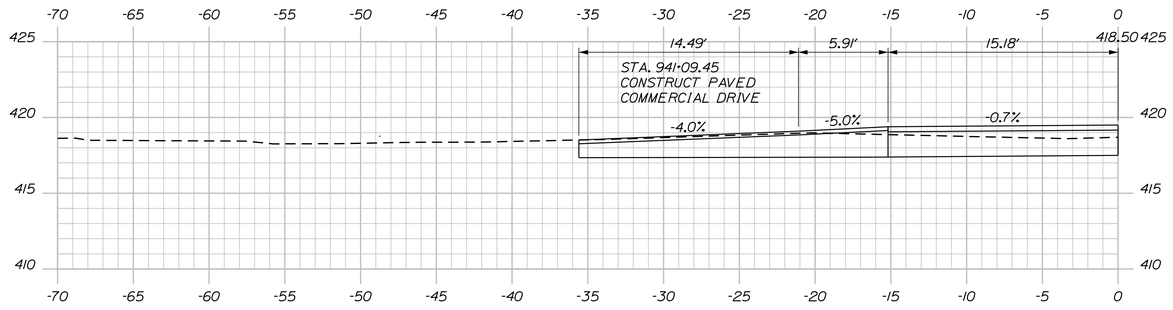
OF 124

Lovewell Pond Road, Sta. 940+25.00 to Sta. 940+50.00

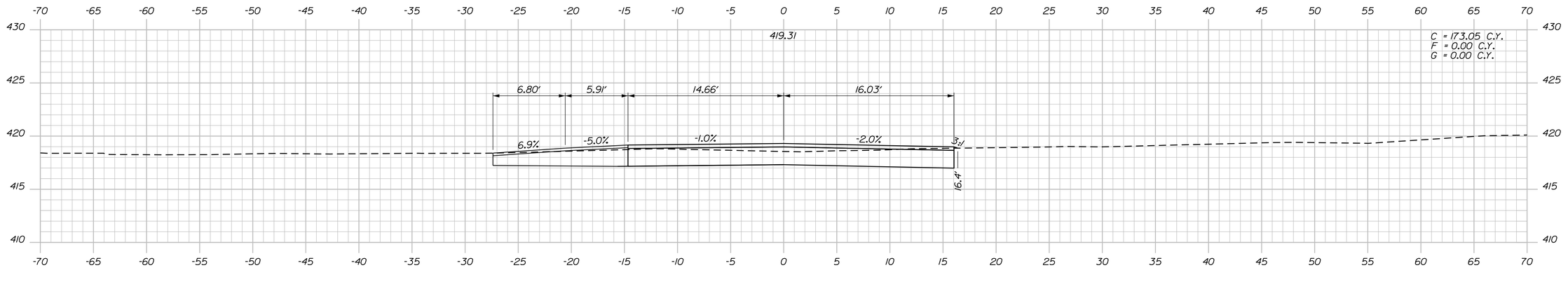
Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020



941+50.00



941+09.45



941+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	
DESIGN-DETAILED	P. POTTLE	PLP	
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

DATE: 07/2020

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

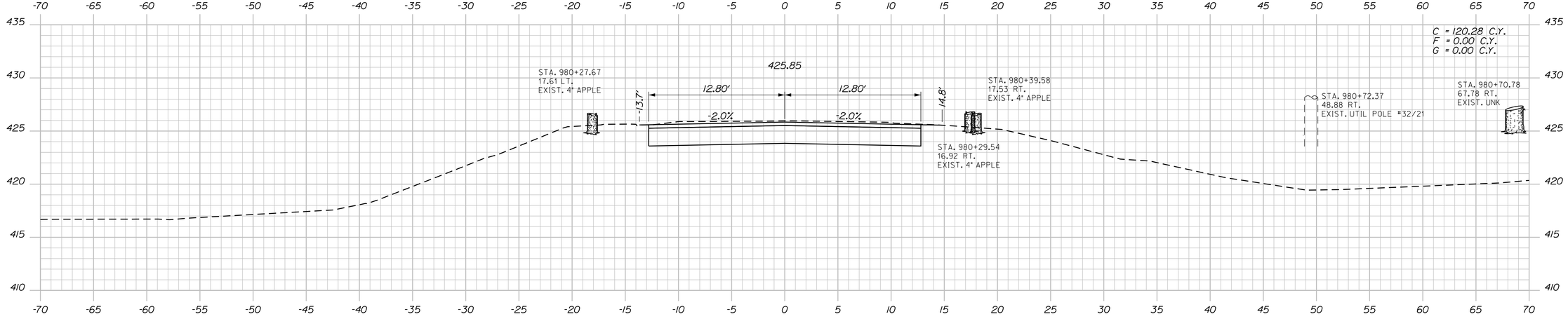
SHEET NUMBER

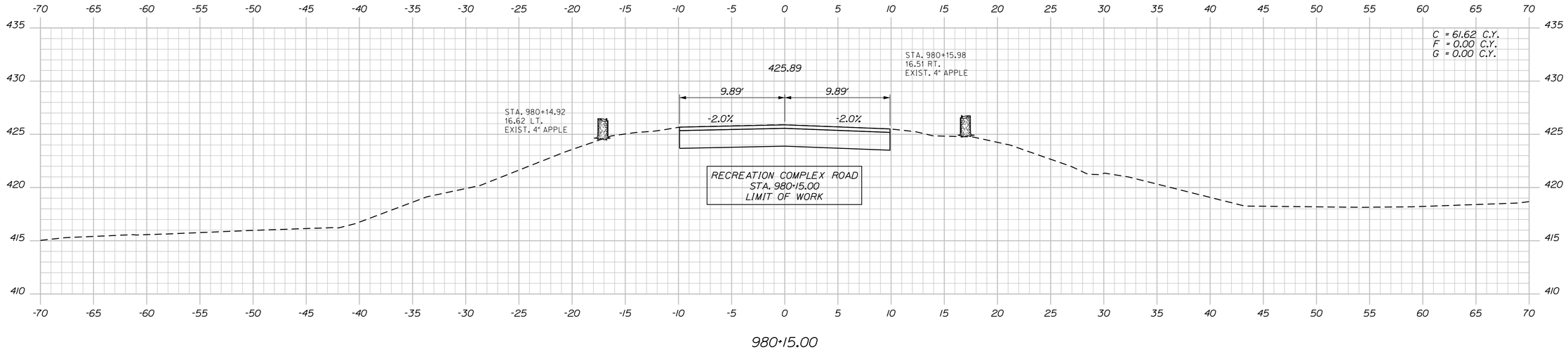
112

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

Lovewell Pond Road, Sta. 941+00.00 to Sta. 941+50.00





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

1728001

WIN
17280.01

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	P. POTTLE	PLP	07\2020
CHECKED-REVIEWED	L. MEEK	LEM	
DESIGN2-DETAILED2	T. GLEESON	THG	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

FRYEBURG
US ROUTE 302

CROSS SECTIONS

SHEET NUMBER

113

OF 124

Filename: ...\10\HIGHWAY\MSTA_Xsect.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Recreation Complex Road, Sta. 980+15.00 to Sta. 980+50.00

Filename: ...\10\HIGHWAY\MSTA_RWPLAN1.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines	P.L.	Building	Clearing Limit Line CLL	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line	T	Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line	G	Utility Pole	
New Temporary Rights		Sign	Well WELL Mailbox	Guardrail		Fire Hydrant	
New R/W Within Existing R/W				Culvert		Curbing	

Cut Line C C C	Fill Line F F F	
Stonewall	Retaining Wall	
Baseline 10+00	11+00 12+00	
Monument	Traverse Point	
Iron Rod Found IRF	Pipe Found IPF	
Replacement Pin Set		

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

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN

PLAN BOOK
(OR FILE NO. _____, PAGE _____

ATTEST: _____
REGISTRAR

1

GRID 19XX ZONE

HATCHED AREA
SEE D.O.T. FILE NO. 9-394 SHEET 12 OF 39
O.C.R.D. BOOK W676, PAGE 373

EXISTING DRAINAGE EASE. LIMITS

EXISTING DRAINAGE EASE. LIMITS

KNICKERBOCKER & SPAK, LLC
ITEM NO. (2)
TEMP. CONST. RIGHTS = 190± S.F.(1)
TOTAL AREA = 1.31± AC.(DEED)

OXFORD GROUP, LLC
ITEM NO. (7)
DRAINAGE EASEMENT = 361± S.F.(1)
TEMP. CONST. RIGHTS = 75± S.F.(1)
TOTAL AREA = 0.66± AC.(OWNER)

HIGHFIELD REALTY, LLC

EARLE P. MACGILLIVRAY, III
SARAH C. MACGILLIVRAY

P.I. STA. 78+51.72
Δ = 0°-10'-12.2" LT.

P.L.

P.L.

P.L

Filename: ...\10\HIGHWAY\MSTA_RWPLAN2.dgn Username: lmeek Date:7/6/2020 Division: HIGHWAY

2

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines	P.L.	Building	Clearing Limit Line CLL	Sanitary Sewer	S	Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line	T	Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line	G	Utility Pole	
New Temporary Rights		Sign	Well WELL Mailbox	Guardrail		Fire Hydrant	
New R/W Within Existing R/W				Culvert		Curbing	

Cut Line C C C	Fill Line F F F		
Stonewall	Retaining Wall		
Baseline 10+00	11+00 12+00		
Monument	Traverse Point		
Iron Rod Found IRF	Pipe Found IPF		
Replacement Pin Set			

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25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR

GORDAN R. WENTWORTH
MARCIA UHL

MICHAEL E. RILEY
VIRGINIA A. RILEY
ITEM NO. (13)
TEMP. CONST. RIGHTS = 1330± S.F.(1)
TOTAL AREA = 0.46± AC.(TOWN)

ALBERT J. LABONTE
MAURICE JOHN DALBY - TRUSTEE
LINDA A. JENKINS - TRUSTEE
JUDITH LABONTE TRUST
ITEM NO. (12)
TEMP. CONST. RIGHTS = 250± S.F.(1)
TOTAL AREA = 0.04± AC.(TOWN)

KEYBANK NATIONAL ASSOCIATION
PARCEL NO. (11)
LAND = 97± S.F. (EASE. FOR HIGHWAY PURPOSES)
TEMP. CONST. RIGHTS = 500± S.F.(1)
TOTAL AREA = 0.10± AC.(TOWN)

PINE TREE HOLDINGS, LLC
ITEM NO. (10)
DRAINAGE EASE. = 0.08± AC.(1)
TEMP. CONST. RIGHTS = 0.25± AC. (2)
TOTAL AREA = 0.60± AC.(TOWN)

OXFORD GROUP, LLC
ITEM NO. (7)
DRAINAGE EASE. = 361± S.F.(1)
TEMP. CONST. RIGHTS = 75± S.F.(1)
TOTAL AREA = 0.66± AC.(OWNER)

JENNIFER L. REGAN
PARCEL NO. (8)
LAND = 889± S.F.
(EASE. FOR HIGHWAY PURPOSES)
DRAINAGE EASE. = 95± S.F.(1)
TEMP. CONST. RIGHTS = 1615± S.F.(2)
TOTAL AREA = 0.17± AC.(TOWN)

LEONIDAS KATSIGIANNIS
ERINI KATSIGIANNIS
PARCEL NO. (9)
LAND = 93± S.F.
(EASE. FOR HIGHWAY PURPOSES)
TEMP. CONST. RIGHTS = 180± S.F.(1)
TOTAL AREA = 0.18± AC.(TOWN)

FIRST CHURCH OF CHRIST, SCIENTIST, FRYEBURG, MAINE
ITEM NO. (6)
TEMP. CONST. RIGHTS = 150± S.F.(1)
TOTAL AREA = 0.04± AC.(TOWN)

TERENCE ADAMS, ROSALIA ADAMS
ITEM NO. (5)
TEMP. CONST. RIGHTS = 85± S.F.(1)
TOTAL AREA = 0.14± AC.(TOWN)

CAHILL INVESTMENTS COMPANY LLC
ITEM NO. (4)
TEMP. CONST. RIGHTS = 110± S.F.(1)
TOTAL AREA = 0.12± AC.(TOWN)

STANDARD BOUNDARY & CONSERVATION EASEMENT PLAN OF WESTON'S RIVERCROFT FARM FOR UPPER SACO VALLEY LAND TRUST BY HEB ENGINEERS O.C.R.D. PLAN BOOK W19, PAGE 65

PROPERTY PLAN, LANDS OF JOSEPH SQUARE, MAINE CENTRAL RAILROAD COMPANY TO BE SOLD BY THE JOSEPH E. SQUARE COMPANY O.C.R.D. PLAN BOOK W4, PAGE 20

PLAN OF LAND FRYEBURG, MAINE MASONIC BLOCK ASSOCIATION BY-LAWS DATED 1945 O.C.R.D. PLAN BOOK W2, PAGE 38

DRAINAGE EASEMENT CURVE DATA #2
PI = 11+84.22
Δ = 27°03'08.8" Lt.

DRAINAGE EASEMENT CURVE DATA #1
PI = 10+34.00
Δ = 2°40'33.9" Rt.

CURVE DATA - PST
PI STA. 821+88.98
Δ = 11°55'41.5" Rt.
R = 450.00'
L = 93.68'
T = 47.01'
E = 2.45'

DISCONTINUANCE BY COUNTY COMMISSIONERS DECEMBER 1959 SEE S.H.C. FILE NO. 9-104, SHEET 1 OF 4

PAULINE LUTTE

POSSIBLE UNDERGROUND PIPE BETWEEN LEACH FIELDS LOCATION UNKNOWN

LEACH FIELD (APPROX. LOCATION)

DUMPSTER W/ PAD

TEMP. CONST. LIMITS

DRAINAGE EASE. LIMITS

N44°36'33.8"W 150.22'

N47°17'07.7"W 34.00'

N42°42'52.29"E

N42°42'52.3"E 1695.47'

P.T. STA. 821+88.98

P.C. STA. 820+00.00

POB = STA. 820+00.00

POE = STA. 13+75

PI = STA. 11+84.22

PI = STA. 10+34.00

0.05± AC.

0.08± AC.

0.20± AC.

361± S.F. DRAINAGE EASE

SUBWAY REAL ESTATE , LLC (LESSEE)

EXISTING 5' DRAIN. EASE. TO TOWN OF FRYEBURG O.C.R.D. BOOK W127, PAGE 283

OUTLET DRAINAGE STRUCTURE STA. 10+46± TO STA. 13+75 (DRAIN. EASE. BASE LINE)

DRAINAGE STRUCTURE STA. 83+10± TO STA. 83+54 RT.

EXISTING R/W U.S. ROUTE 302 SEE SHEET 1

W.I.N. 017280.01

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

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

TECH	CHECKED
G.L.L.	C.W.K.
G.L.L.	T.L.B.
T.L.B.	T.L.B.

ITEM	
EXISTING CONDITION PLAN	
FINAL RIGHT OF WAY	
AREAS	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460

FRYEBURG
RIGHT OF WAY MAP

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 9-406
SCALE 1" = 25' | SHEET 2 OF 12

SHEET NUMBER
115
OF 124

Usercname: lmeek Date:7/6/2020
Division: HIGHWAY
Filename: ...\10\HIGHWAY\MSTA_RWPLAN3.dgn

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines	P.L.	Building	Clearing Limit Line CLL	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line	T	Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line	G	Utility Pole	
New Temporary Rights		Sign	Well WELL Mailbox	Guardrail		Fire Hydrant	
New R/W Within Existing R/W				Culvert		Curbing	

Cut Line C C C	Fill Line F F F	
Stonewall	Retaining Wall	
Baseline 10+00 11+00 12+00		
Monument	Traverse Point	
Iron Rod Found IRF	Pipe Found IPF	
Replacement Pin Set		

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

25 0 25 50 75 100
Scale of Feet

3

GORDAN R. WENTWORTH
MARCIA UHL

BARBARA C. FERGUSON

CRAIG HOLDEN
MELISSA HOLDEN

MARGARET GRAHAM CUGINI

CALVIN E. HUNSICKER
KATHLEEN D. HUNSICKER

JOHN D. LICHTMAN
LISA S. MCALLISTER

P.L.

GRID 19XX ZONE

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____ HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR

P.I. = STA. 89+47.19
Δ = 0°-03'-40.4" RT.

S.H. "14"
U.S. RTE. 302

86+00 87+00 88+00 89+00 90+00 91+00 92+00 93+00

N42°-42'-52.3"E
1095.47'

N.42°-46'-32.7"E.
727.16'

PT = STA. 841+09.30

STA. 84+00.00 S.H. "14" =
STA. 10+00.00 DRAIN, EASE. 6

841+00

N47°-17'-07.7"W

PC = STA. 840+62.57

CURVE DATA #SS1
PI = 840+85.94
D = 8°52'52.3"
Δ = 4°08'59.7" Rt.
R = 645.14'
L = 46.73'
T = 23.37'
E = 0.42'

840+00

N51°-26'-07.38"W

STUART STREET

POB = STA. 840+00.00

29.0'

1330± S.F. LIMITS TEMP. CONST.

665± S.F. CONST. LIMITS

TERENCE T. ADAMS

KENNETH A. STEADMAN, II
ELIZA JESSE STEADMAN

FIRST CONGREGATIONAL CHURCH

KENNETH A. STEADMAN, II
ELIZA JESSE STEADMAN

MICHAEL E. RILEY
VIRGINIA A. RILEY
ITEM NO. (13)
TEMP. CONST. RIGHTS =
1330± S.F.(1)
TOTAL AREA =
0.46± AC.(TOWN)

PATRICIA A. HIBBERT
ITEM NO. (14)
TEMP. CONST. RIGHTS = 665± S.F.(1)
TOTAL AREA = 0.69± AC.(TOWN)

EXISTING R/W
U.S. ROUTE 302
SEE SHEET 1

W.I.N. 017280.01

TECH	CHECKED
G.L.L.	C.W.K.
G.L.L.	T.L.B.
T.L.B.	T.L.B.

ITEM	
EXISTING CONDITION PLAN	
FINAL RIGHT OF WAY	
AREAS	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS			
NO.	DATE	DESCRIPTION	BY

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

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 9-406
SCALE 1" = 25'	SHEET 3 OF 12	

SHEET NUMBER
116
OF 124

Filename: ...\10\HIGHWAY\MSTA_RWPLAN4.dgn Username: lmeek Division: HIGHWAY Date:7/6/2020

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed		Existing	Proposed
Approx. Property Lines P.L.	Building	Clearing Limit Line CLL	Sanitary Sewer		Traveled Way		
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line	T	Ditch		
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin		
Control Of Access C.O.A.	Water Edge		Water Line	W	Manhole		
New Right of Way	Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole		
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line	G	Utility Pole		
New Temporary Rights	Sign	Well WELL Mailbox	Guardrail		Fire Hydrant		
New R/W Within Existing R/W			Culvert		Curbing		

Cut Line C—C—C Fill Line F—F—F
Stonewall Retaining Wall
Baseline 10+00 11+00 12+00
Monument Traverse Point
Iron Rod Found ● IRF Pipe Found ● IPF
Replacement Pin Set ⊙

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

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____
RECEIVED _____, 20____
AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____
ATTEST: _____
REGISTRAR

4

CALVIN E. HUNSICKER
KATHLEEN D. HUNSICKER

GRID 19XX ZONE

TOWN OF FRYEBURG
PEARY PARK

THE TRUSTEES OF FRYEBURG ACADEMY
ITEM NO. (16)
DRAINAGE EASE. = 0.05± AC.(1)
TEMP. CONST. RIGHTS = 0.09± AC.(2)
TOTAL AREA = 2.25± AC.(TOWN)

TRUST OF STUART B. BRADLEY

PI = STA 96+74.35
Δ = 0°-07'-25.7" LT.

P.L.

93+00 N42°46'32.70"E 94+00 S.H. "14" 95+00 96+00 97+00 98+00 99+00 N.47°-17'-07.7

U.S. RTE. 302

861+00 +03± +60 N.42°-39'-07.0"E. 991.43' O.O.W.L.

50' TEMP. CONST. 210± S.F. LIMITS

KENNETH A. STEADMAN, II
ELIZA JESSE STEADMAN

GEORGE H. COLE
LINDSAY E. COLE

ROBERT E. RICKS, III

FRYEBURG TRUST
BARBARA GRAUSTEIN, TRUSTEE

PORTION WROUGHT PORTION

860+00 N47°02'57.44"W

POB POB STA 860+00.00

OF LIMITS

BRADLEY STREET

OF LIMITS

THE TRUSTEES OF FRYEBURG ACADEMY
ITEM NO. (15)
TEMP. CONST. RIGHTS = 935± S.F.(3)
TOTAL AREA = 27.05± AC.(TOWN)

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

EXISTING R/W
U.S. ROUTE 302
SEE SHEET 1

W.I.N. 017280.01

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	G.L.L.	C.W.K.
FINAL RIGHT OF WAY	G.L.L.	T.L.B.
AREAS	T.L.B.	T.L.B.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 9-406
SCALE 1" = 25'	SHEET 4 OF 12	

SHEET NUMBER
117
OF 124

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines	P.L.	Building	Clearing Limit Line CLL	Sanitary Sewer	S	Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line	T	Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line	G	Utility Pole	
New Temporary Rights		Sign	Well WELL Mailbox	Guardrail		Fire Hydrant	
New R/W Within Existing R/W				Culvert		Curbing	

Cut Line C C C		Fill Line F F F	
Stonewall		Retaining Wall	
Baseline	10+00 11+00 12+00		
Monument		Traverse Point	
Iron Rod Found IRF		Pipe Found IPF	
Replacement Pin Set			

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

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR

5

EXISTING 12" TILE CULVERT
SEE S.H.C. FILE NO. 9-104,
SHEET 2 OF 4

THE TRUSTEES OF
FRYEBURG ACADEMY
ITEM NO. (16)
DRAINAGE EASE. = 0.05± AC.(1)
TEMP. CONST. RIGHTS = 0.09± AC.(2)
TOTAL AREA = 2.25± AC.(TOWN)

ARIZONA ZIPPER
ITEM NO. (17)
DRAINAGE EASE. = 1105± S.F.(1)
TEMP. CONST. RIGHTS = 1100± S.F.(3)
TOTAL AREA = 12± AC.(TOWN)

THE TRUSTEES OF FRYEBURG ACADEMY
ITEM NO. (18)
TEMP. CONST. RIGHTS = 455± S.F.(1)
TOTAL AREA = 93± AC.(TOWN)

CURVE DATA
PI = 1000+00.00
D = 93°07'54"
R = 61.50'
T = 70.00'
L = 99.94'
E = 18.64'
PC = STA. 1000+00.00
PT = STA. 1001+85.94

OUTLET DRAINAGE STRUCTURE
STA. 20+46 TO STA. 22+05
(DRAIN. EASE. BASE LINE)

P.I. STA 120+21.00
Δ = 24°-59'-35.4"RT.

N.47°-17'-07.7"W. 21.00'

N22°17'32.27"W. 189.00'

N42°39'07.01"E 991.43'

N.42°-39'-07.0"E.

U.S. RTE. 302

STA 100+00.00 S.H."14" =
STA. 20+00.00 DRAIN. EASE. B.L. (2)

EXISTING R/W
U.S. ROUTE 302
SEE SHEET 1

THE TRUSTEES OF FRYEBURG ACADEMY
ITEM NO. (15)
TEMP. CONST. RIGHTS = 935± S.F.(3)
TOTAL AREA = 27.05± AC.(TOWN)

W.I.N. 017280.01

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L.
AREAS	T.L.B.
	T.L.B.

TECH

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

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

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 9-406
SCALE 1" = 25'	SHEET 5 OF 12	

SHEET NUMBER
118
OF 124

Filename: ...\10\HIGHWAY\MSTA_RWPLAN5.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_RWPLAN6.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer	Traveled Way
Approx. Property Lines P.L.	Building / Clearing Limit Line CLL	Telephone Line T	Ditch
Existing Right of Way	Trees Conifer / Deciduous	Electric Line E	Catch Basin
Limits of Wrought Portion L.O.W.P.	Tree Line / Bush Line	Water Line W	Manhole
Control Of Access C.O.A.	Water Edge	Underdrain Line	Sewer Manhole
New Right of Way	Ledge / Rock/Boulder / Flag Pole	Gas Line G	Utility Pole
New Easement	Fence CHAIN LINK / BARB WIRE / STOCKADE	Guardrail	Fire Hydrant
New Temporary Rights	Sign / Well / Mailbox	Culvert	Curbing
New R/W Within Existing R/W			

Existing	Proposed
	T
	E
	W
	G

Cut Line C C C	Fill Line F F F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

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

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR

PLAN OF LAND IN FRYEBURG, MAINE
OWNED BY A.H. SMITH
BY LAWRENCE GRAY
DATED 1965
O.C.R.D. PLAN BOOK W3, PAGE 78

ALBERT J. LABONTE
ITEM NO. (19)
TEMP. CONST. RIGHTS = 580± S.F.(2)
TOTAL AREA = 4.3± AC.(TOWN)

BRUCE A. SOUTHWICK
MICHELLE A. SOUTHWICK

POE = STA. 1005+00.00

S. H. "131" / RTE 5 TO LOVELL

POB = STA. 2000+00.00

1004+00 N24°38'02.57"E

ARIZONA ZIPPER

PT = STA. 1003+47.51

P.L.

2000+00

2001+00

1003+00

1002+00

1001+00

S35°37'53.26"E

325.02'

108+00

109+00

110+00

107+00

POE = STA. 2001+34.89

S59°45'20.31"E

S.59°-45'-20.3"E.

111+00

112+00

113+00

S.H. "14"

U.S. RTE. 302

877.74'

405± S.F.
TEMP.
CONST.
LIMITS

190± S.F.
TEMP.
CONST.

6.0'
10.0'
11.0'
2.0'

PT = STA. 109+90.80

P.L.

CURVE DATA #1
PI = 108+58.72
D = 23°52'23.7" Rt.
Δ = 77°35'32.7" Rt.
R = 240.00'
L = 325.02'
T = 192.94'
E = 67.94'

CURVE DATA #2
PI = 1002+58.59
D = 1°44'39.9"
Δ = 2°44'13.0"
R = 3285.00'
L = 161.87'
T = 80.95'
E = 1.00'

THE TRUSTEES OF FRYEBURG ACADEMY
ITEM NO. (18)
TEMP. CONST. RIGHTS = 455± S.F.(1)
TOTAL AREA = 0.82± AC.(TOWN)

THE TRUSTEES OF FRYEBURG ACADEMY
ITEM NO. (15)
TEMP. CONST. RIGHTS = 935± S.F.(3)
TOTAL AREA = 27.05± AC.(TOWN)

PROPRIETORS OF PINE GROVE CEMETERY
ITEM NO. (20)
TEMP. CONST. RIGHTS = 880± S.F.(3)
TOTAL AREA = UNKNOWN

PCC = STA. 1001+85.64

PCC = STA. 1004+56.78

LIMITS
CONST.
445± S.F.
TEMP.

EXISTING R/W
U.S. ROUTE 302
SEE SHEET 1

991.43'
N42°39'07.0"E

W.I.N. 017280.01

TECH	CHECKED
G.L.L.	C.W.K.
G.L.L.	T.L.B.
T.L.B.	T.L.B.

ITEM
EXISTING CONDITION PLAN
FINAL RIGHT OF WAY
AREAS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS			
NO.	DATE	DESCRIPTION	BY

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

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 9-406
SCALE 1" = 25'	SHEET 6 OF 12	

SHEET NUMBER
119
OF 124

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer	Traveled Way
Approx. Property Lines P.L.	Building	Telephone Line	Ditch
Existing Right of Way	Clearing Limit Line CLL	Electric Line	Catch Basin
Limits of Wrought Portion L.O.W.P.	Trees Conifer / Deciduous	Water Line	Manhole
Control Of Access C.O.A.	Tree Line / Bush Line	Underdrain Line	Sewer Manhole
New Right of Way	Water Edge	Gas Line	Utility Pole
New Easement	Ledge / Rock/Boulder / Flag Pole	Guardrail	Fire Hydrant
New Temporary Rights	Fence CHAIN LINK / BARB WIRE / STOCKADE	Culvert	Curbing
New R/W Within Existing R/W	Sign / Well / Mailbox		

Existing / Proposed

Cut Line C—C—C	Fill Line F—F—F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

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

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR

7

GRID 19XX ZONE

P.L.

ALBERT J. LABONTE
ITEM NO. (19)
TEMP. CONST. RIGHTS = 580± S.F.(2)
TOTAL AREA = 4.3± AC.(TOWN)

PROPRIETORS OF PINE GROVE CEMETERY
ITEM NO. (21)
TEMP. CONST. RIGHTS = 255± S.F.(2)
TOTAL AREA = 4± AC.(TOWN)

M.S.A.D. #72

PCP-℄. STA. 118+68.54

175± S.F. TEMP. CONST. LTS.
105± S.F. TEMP. CONST. LTS.
150± S.F. TEMP. CONST. LTS.
490± S.F. TEMP. CONST. LIMITS
200± S.F. TEMP. CONST. LTS.

6.0'
11.0'
5.0'

113+00 +90 114+00 +65 +95 S59°45'20.31"E 115+00 +45 +75 116+00 117+00 +60 118+00 +05 +28± 119+00 120+00

U.S. RTE. 302 S.H. "14"

S.59°-45'-20.3"E. 877.74'

PROPRIETORS OF PINE GROVE CEMETERY
ITEM NO. (20)
TEMP. CONST. RIGHTS = 880± S.F.(3)
TOTAL AREA = UNKNOWN

EXISTING R/W
U.S. ROUTE 302
SEE SHEET 1

W.I.N. 017280.01

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L. T.L.B.
AREAS	G.L.L. T.L.B.
	T.L.B.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 9-406
SCALE 1" = 25'	SHEET 7 OF 12	

SHEET NUMBER
120
OF 124

Filename: ...\10\HIGHWAY\MSTA_RWPLAN7.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed		Existing	Proposed
Approx. Property Lines P.L.	Building	Clearing Limit Line CLL	Sanitary Sewer		Traveled Way		
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line		Ditch		
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line		Catch Basin		
Control Of Access C.O.A.	Water Edge		Water Line		Manhole		
New Right of Way	Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole		
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line		Utility Pole		
New Temporary Rights	Sign	Well WELL Mailbox	Guardrail		Fire Hydrant		
New R/W Within Existing R/W			Culvert		Curbing		

Cut Line Fill Line
Stonewall Retaining Wall
Baseline 10+00 11+00 12+00
Monument Traverse Point
Iron Rod Found IRF Pipe Found IPF
Replacement Pin Set

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

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____ HRS. _____ MINS. ____ .M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.) _____, PAGE _____

ATTEST: _____
REGISTRAR

GRID 19XX ZONE

M.S.A.D. #72

COMMUNITY CONCEPTS, INC.

P.L.

CURVE DATA #2
PI = 120+85.02
D = 4°19'27.2"
Δ = 18°33'30.1" Lt.
R = 1325.00'
L = 429.17'
T = 216.48'
E = 17.57'

CURVE DATA #3
PI = 125+30.35
D = 3°57'05.2"
Δ = 18°13'46.6" Lt.
R = 1450.00'
L = 461.34'
T = 232.64'
E = 18.54'

PCC STA. 122+97.71

120+00 429.17' 121+00 122+00 123+00 461.34' 124+00 125+00 461.34' 126+00

STA. 122+73.51 S.H. "14" = STA. 902+10.65 PINE ST.

U.S. RTE. 302

STA. 124+50.00 S.H. "14" = STA. 941+75.00 LOVEWELL POND RD.

N12°38'30"E 902.00'
41.98'
N12°-38'-31"E.

PT = STA. 901+68.67

CURVE DATA #PS2
PI = 901+39.33
D = 55°26'52.4"
Δ = 33°31'34.5" Lt.
R = 103.33'
L = 60.46'
T = 31.13'
E = 4.59'

PC = STA. 901+08.20

P.T. STA. 901+08.20

P.C. STA. 900+47.74

N6°-10'-05.8"E. 60.47

5.71'

BEGIN R.L. STA. 900+70

LTS.

TEMP. CONST.

0.07± AC.

CURVE DATA #1
PI = 941+05.95
D = 95°29'34.7"
Δ = 70°30'45.7" Rt.
R = 60.00'
L = 73.84'
T = 42.41'
E = 13.48'

PROPRIETORS OF PINE GROVE CEMETERY
ITEM NO. (20)
TEMP. CONST. RIGHTS = 8801± S.F.(3)
TOTAL AREA = UNKNOWN

POB = STA. 900+00.00

N13°47.57"E

O.C.C.R. VOLUME 6, PAGE 291

PINE STREET

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

CURVE DATA #PS1
PI = 900+47.57
D = 6°56'02.9"
Δ = 4°56'02.9"
R = 1147.92'
L = 98.98'
T = 49.52'
E = 1.07'

941+75 941+73.84' 941+00

N5°40'58.8"E 37.62'

6.0' 5.0' 6.0' 6.0' 5.0' 6.0'

+63± +75± +55± +62± +75± +55±

PTT = STA. 941+37.38

PC = STA. 941+49.38

49± S.F.

14'± 7'± 13'±

TOWN OF FRYEBURG
PARCEL NO. (23)
LAND = 49± S.F.
(EASE. FOR HIGHWAY PURPOSES)
TOTAL AREA = 2.04± AC.(SURVEY)

N64°-50'-39.8"W 63.54'

N64°50'39.8"W 940+37.47

BEGIN R.L.

LOVEWELL POND ROAD

LIMITS CONST.

POB = STA. 940+00.00

JAMES W. LAYNE
ITEM NO. (22)
TEMP. CONST. RIGHTS = 0.08± AC.(2)
TOTAL AREA = 1.26± AC.(DEED)

EXISTING R/W
U.S. ROUTE 302
SEE SHEET 1

W.I.N. 017280.01

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	G.L.L.	C.W.K.
FINAL RIGHT OF WAY	G.L.L.	T.L.B.
AREAS	T.L.B.	T.L.B.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK	PAGE	COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 9-406
SCALE 1" = 25' | SHEET 8 OF 12

SHEET NUMBER
121
OF 124

Filename: ...\10\HIGHWAY\MSTA_RWPLAN8.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed		Existing	Proposed
Approx. Property Lines P.L.	Building	Clearing Limit Line CLL	Sanitary Sewer		Traveled Way		
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line	T	Ditch		
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin		
Control Of Access C.O.A.	Water Edge		Water Line	W	Manhole		
New Right of Way	Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole		
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line	G	Utility Pole		
New Temporary Rights	Sign	Well WELL Mailbox	Guardrail		Fire Hydrant		
New R/W Within Existing R/W			Culvert		Curbing		

Cut Line C C C	Fill Line F F F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

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

25 0 25 50 75 100
Scale of Feet

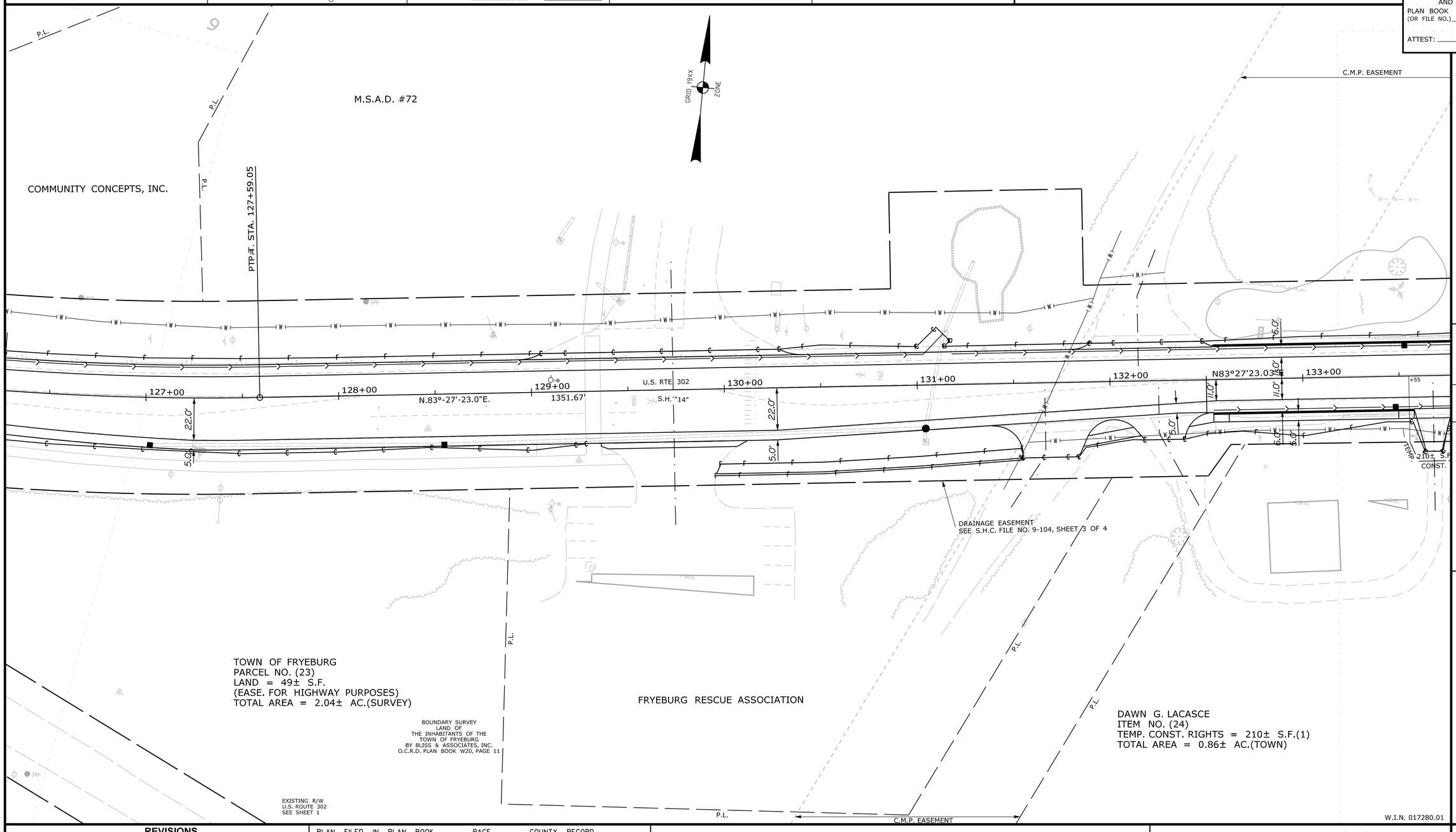
STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR



CHECKED	TECH	ITEM
C.W.K.	G.L.L.	EXISTING CONDITION PLAN
T.L.B.	G.L.L.	FINAL RIGHT OF WAY
T.L.B.	T.L.B.	AREAS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 9-406
SCALE 1" = 25'	SHEET 9 OF 12	

SHEET NUMBER
122
OF 124

Filename: ...\10\HIGHWAY\MSTA_RWPLAN9.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

Filename: ...\10\HIGHWAY\MSTA_RWPLAN10.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Existing	Proposed	Existing	Proposed	Cut Line	Fill Line
Approx. Property Lines P.L.	Building	Sanitary Sewer		Traveled Way		Stonewall	Retaining Wall
Existing Right of Way	Clearing Limit Line CLL	Telephone Line	T	Ditch		Baseline 10+00 11+00 12+00	
Limits of Wrought Portion L.O.W.P.	Trees Conifer Deciduous	Electric Line	E	Catch Basin		Monument	Traverse Point
Control Of Access C.O.A.	Tree Line Bush Line	Water Line	W	Manhole		Iron Rod Found IRF	Pipe Found IPF
New Right of Way	Water Edge	Underdrain Line		Sewer Manhole		Replacement Pin Set	
New Easement	Ledge Rock/Boulder Flag Pole	Gas Line	G	Utility Pole			
New Temporary Rights	Fence CHAIN LINK BARB WIRE STOCKADE	Guardrail		Fire Hydrant			
New R/W Within Existing R/W	Sign Well WELL Mailbox	Culvert		Curbing			

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

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR

C.M.P. EASEMENT

10

ALTA/ACSM LAND TITLE SURVEY OF THE LAND OF QUINN REAL ESTATE , LLC BY RICHARD D. BARTLETT & ASSOCIATES, LLC DATED JUNE 16, 2014 O.C.R.D. PLAN BOOK W19, PAGE 98

QUINN REAL ESTATE, LLC

GRID 19XX ZONE

DG STRATEGIC II, LLC
ITEM NO. (26)
TEMP. CONST. RIGHTS = 270± S.F.(2)
TOTAL AREA =2.28± AC.(DEED)

TOWN OF FRYEBURG
ARIZONA ZIPPER
ITEM NO. (29)
TEMP. CONST. RIGHTS = 0.07± AC.(1)
TOTAL AREA = 15.6± AC.(TOWN)

P.L.

134+00 N83°27'23.03"E 135+00 136+00 137+00 138+00 139+00 140+00 N83°2

U.S. RTE. 302
S.H. "14"
N.83°-27'-23.0"E.
1351.67'

TEMP. CONST. 210± S.F. CONST.

TEMP. CONST. LTS. 120± S.F.

TEMP. CONST. LTS. 150± S.F.

CLL

6.0'

11.0'

5.0'

R/W TO OTHERS

TEMP. 410± S.F. CONST. LTS.

TEMP. 165± S.F. 185± S.F. CONST.

LIMITS

EASEMENT

DRAINAGE

S7°55'03.01"E 31.00'

0.10± AC.

POE = STA. 32+10.00

OUTLET DRAINAGE STRUCTURE
STA. 134+77± TO STA. 135+05 RT.

JAMES T. CLEGGETT, JR.
BONNIE J. CLEGGET

EXIST. DRAIN. EASE.
STA 123+12 RT.
SEE S.H.C. FILE NO. 9-104

DAWN G. LACASCE
ITEM NO. (24)
TEMP. CONST. RIGHTS = 210± S.F.(1)
TOTAL AREA = 0.86± AC.(TOWN)

FRYEBURG CENTER, LLC
ITEM NO. (25)
DRAINAGE EASE. = 0.10± AC.(1)
TOTAL AREA = 2.29± AC.(SURVEY)

STANDARD BOUNDARY SURVEY
LAND OF G.L. ASSOCIATES, INC.
BY STEVEN SMITH ASSOCIATES, INC.
DATED JANUARY 12, 1993
O.C.R.D. PLAN BOOK W11, PAGE 63

BOUNDARY SURVEY
LAND OF
ELA REALTY TRUST
BY BLISS & ASSOCIATES, INC.
DATED JUNE 25, 2015
O.C.R.D. PLAN BOOK W20, PAGE 54

RONALD D. ELA
BRENDA L. ELA
ITEM NO. (27)
TEMP. CONST. RIGHTS = 575± S.F.(2)
TOTAL AREA = 2.1± AC.(SURVEY)

EXIST. DRAIN. EASE.
STA 127+99 RT.
SEE S.H.C. FILE NO. 9-104

ROGER L. BROWN
LINDA J. BROWN
ITEM NO. (28)
TEMP. CONST. RIGHTS = 0.05± AC.(2)
TOTAL AREA = 3.5± AC.(DEED)

EXISTING R/W
U.S. ROUTE 302
SEE SHEET 1

W.I.N. 017280.01

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L. T.L.B.
AREAS	G.L.L. T.L.B.
	T.L.B.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

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

BRUCE VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 9-406
SCALE 1" = 25'	SHEET 10 OF 12	

SHEET NUMBER
123
OF 124

Filename: ...\10\HIGHWAY\MSTA_RWPLAN11.dgn Division: HIGHWAY Username: lmeek Date:7/6/2020

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer	Traveled Way
Approx. Property Lines P.L.	Building	Telephone Line	Ditch
Existing Right of Way	Clearing Limit Line CLL	Electric Line	Catch Basin
Limits of Wrought Portion L.O.W.P.	Trees Conifer Deciduous	Water Line	Manhole
Control Of Access C.O.A.	Tree Line Bush Line	Underdrain Line	Sewer Manhole
New Right of Way	Water Edge	Gas Line	Utility Pole
New Easement	Ledge Rock/Boulder Flag Pole	Guardrail	Fire Hydrant
New Temporary Rights	Fence CHAIN LINK BARB WIRE STOCKADE	Culvert	Curbing
New R/W Within Existing R/W	Sign Well WELL Mailbox		

Existing	Proposed

Cut Line C C C	Fill Line F F F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

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

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS._____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR

11

TOWN OF FRYEBURG
ARIZONA ZIPPER
ITEM NO. (29)
TEMP. CONST. RIGHTS = 0.07± AC.(1)
TOTAL AREA = 15.6± AC.(TOWN)

CURVE DATA #4
PI = 143+00.46
D = 0°49'06.6"
Δ = 3°06'19.2" Lt.
R = 7000.00'
L = 379.39'
T = 189.74'
E = 2.57'

GRID 19XX ZONE

DG STRATEGIC II, LLC
ITEM NO. (26)
TEMP. CONST. RIGHTS = 270± S.F.(2)
TOTAL AREA = 2.28± AC.(DEED)

PCP℄ STA. 141+10.72

PTP℄ STA. 144+90.11

TEMP. CONST. LTS. 150± S.F. CLL CONST. TEMP. CONST. LIMITS TEMP. CONST. LIMITS 0.07± AC. R/W REF. A2A TEMP. CONST. LIMITS

6.0' 11.0' 5.0'

140+00 +30 N83°27'23.03"E 141+00 +50 142+00 S.H. "14" 143+00 144+00 +60 145+00 146+00 N80°21'03.85"E 147+00

+85 +97± +46± +10 +85 1351.67' U.S. RTE. 302 379.39' +45± +94 +95± +20 END B.L. TO BRIDGTON

N.83°-27'-23.0"E.

165± S.F. 185± S.F. TEMP. CLL CONST. LIMITS TEMP. CONST. LIMITS TEMP. CONST. 1900± S.F. LIMITS TEMP. R/W REF. A2A CLL CONST. LIMITS 1090± S.F. 1035± S.F. CONST. LIMITS

980+00 N11°10'59.08"W 980+00

EXIST. DRAINAGE EASE.
STA. 145+06± RT.
D.O.T FILE NO. 9-394

EXIST. DRAIN. EASE.
STA 127+99 RT.
SEE S.H.C. FILE NO. 9-104

POB = STA. 980+00.00

ROGER L. BROWN
LINDA J. BROWN
ITEM NO. (28)
TEMP. CONST. RIGHTS = 0.05± AC.(2)
TOTAL AREA = 3.5± AC.(DEED)

TOWN OF FRYEBURG
ITEM NO.(30)
TEMP. CONST. RIGHTS = 1090± S.F.(1)
TOTAL AREA = 20± AC.(DEED)

R/W TO FRYEBURG RECREATION DEPARTMENT, INC. O.C.R.D. BOOK W635, PAGE 344

R/W TO TOWN OF FRYEBURG O.C.R.D. BOOK W302, PAGE 261

BOUNDARY SURVEY
LAND OF
PURE MOUNTAIN SPRINGS, LLC
BY BLISS & ASSOCIATES, INC.
DATED OCTOBER 15, 2002
O.C.R.D. PLAN BOOK W14, PAGE 86

CLYDE WATSON, INC.
ITEM NO. (31)
TEMP. CONST. RIGHTS = 1035± S.F.(1)
TOTAL AREA = 4.7± AC.(SURVEY)

P.L.

EXISTING R/W
U.S. ROUTE 302
SEE SHEET 1

W.I.N. 017280.01

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	G.L.L.	C.W.K.
FINAL RIGHT OF WAY	G.L.L.	T.L.B.
AREAS	T.L.B.	T.L.B.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
FRYEBURG
RIGHT OF WAY MAP

REVISIONS

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STATE HIGHWAY "14"
U.S. ROUTE 302
FRYEBURG OXFORD COUNTY
FEDERAL AID PROJECT NO. 1728001

OCTOBER 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 9-406
SCALE 1" = 25'	SHEET 11 OF 12	

SHEET NUMBER
124
OF 124