

STATE OF MAINE DEPARTMENT OF TRANSPORTATION

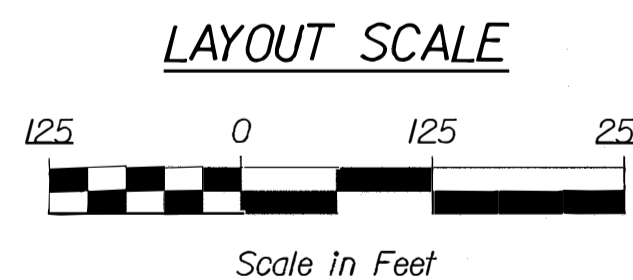
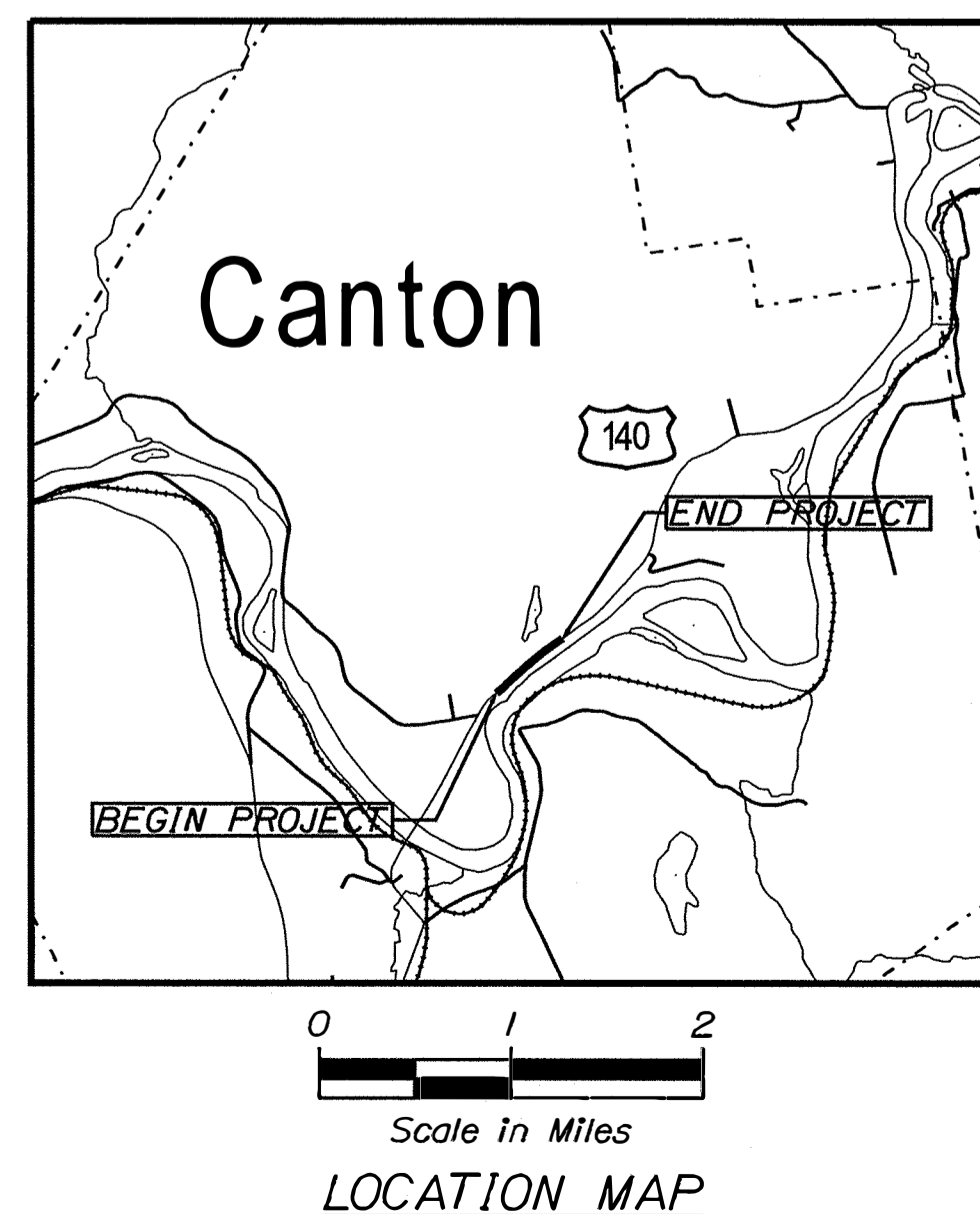
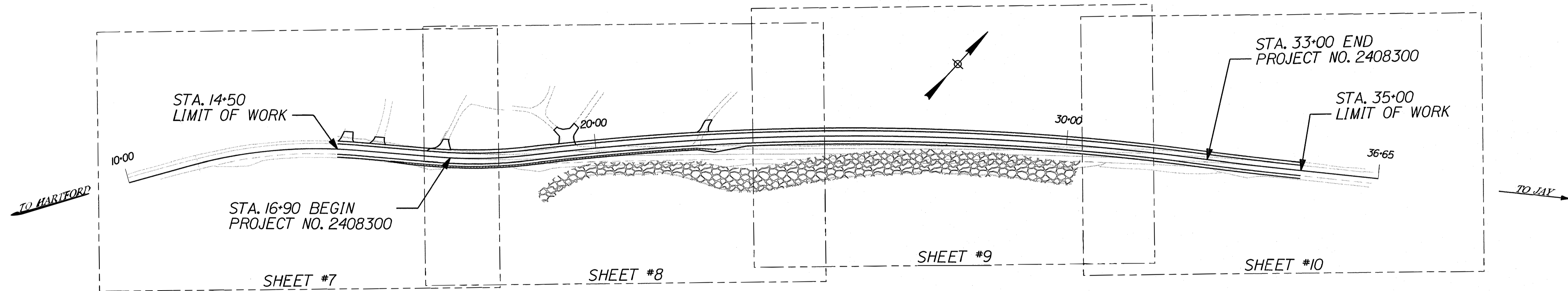


CANTON OXFORD COUNTY ROUTE 140

STATE PROJECT NO. 24083.00
PROJECT LENGTH : 0.31 MILES

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	-----
Exposed Bedrock	-----
Buildings	-----
Trees	Conifer Deciduous
Tree Line	-----
Clearing Limit Line	-----
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	-----
Centerline-Existing	-----
Centerline-Proposed	-----
Travelway-Existing	-----
Travelway-Proposed	-----
Boring	HB-XXX-###
Pavement Core	PC-#
Test Pit	TP-XXX-###
Probe	P-#. #X
	#.# = Depth
	X = W (Weathered Rock)
	R (Refusal)
	NR (No Refusal)

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Landscaping	L1



TRAFFIC DATA	
Current (2020) AADT	1800
Future (2040) AADT	1980
DHV - % of AADT	10%
Design Hour Volume	198
% Heavy Trucks (AADT)	14%
Directional Distribution (DHV)	7%
Design Speed (mph)	50
Functional Class	Fed aid non-NHS
Corridor Priority	3

PROJECT LOCATION:	ROUTE 140, BEGINNING 0.45 EASTERLY OF CANTON POINT ROAD AND EXTENDING WESTERLY 0.31 MILES
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	SLOPE STABILIZATION/PROTECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED: [Signature]
COMMISSIONER: [Signature]
CHIEF ENGINEER: [Signature]

DATE: 8-21-2020
8-18-2020



SIGNATURE: [Signature]
10/4/15
P.E. NUMBER: 10415
DATE: 8-5-2020

PROJECT INFORMATION	
PROGRAM	HIGHWAY
PROJECT MANAGER	RHODE MOUTON
DESIGNER	DANA PRUDE
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 24083.00 STATE PROJECT NO. 24083.00

CANTON
ROUTE 140
TITLE SHEET

SHEET NUMBER
1
OF 35

Date: 7/30/2020
Username: Dana.Pride
Division: HIGHWAY
Filename: ...\\00\\HIGHWAY\\MSTA\\001_ Title.dgn

Date: 8/25/2020

Username: Dana.Pride

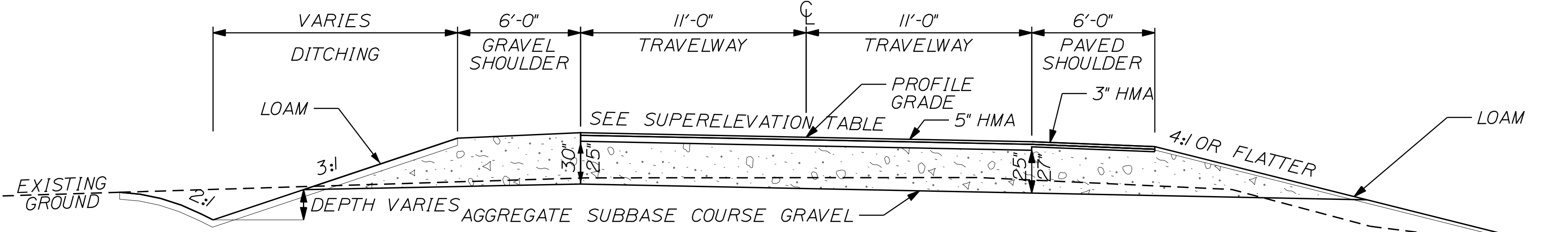
Division: HIGHWAY

Filename: ... \HIGHWAY\MSTAN002_Typical.dgn

BOXED SHOULDER SECTION
STATION TO STATION
14+50 TO 14+90 LT
15+54 TO 16+90 LT
33+00 TO 35+00 LT

VARIABLE DEPTH GRAVEL
STATION TO STATION
14+50 TO 16+90
33+00 TO 35+00

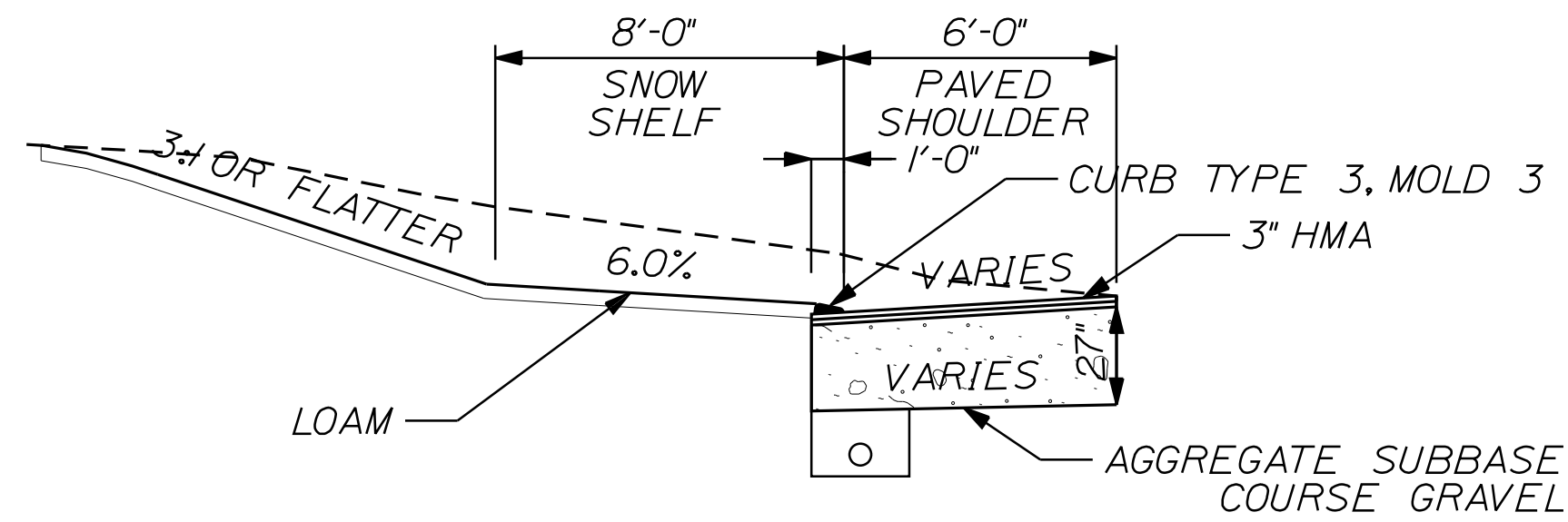
VARIABLE DEPTH GRAVEL SHOULDER
STATION TO STATION
14+50 TO 16+45 RT
33+00 TO 35+00 RT



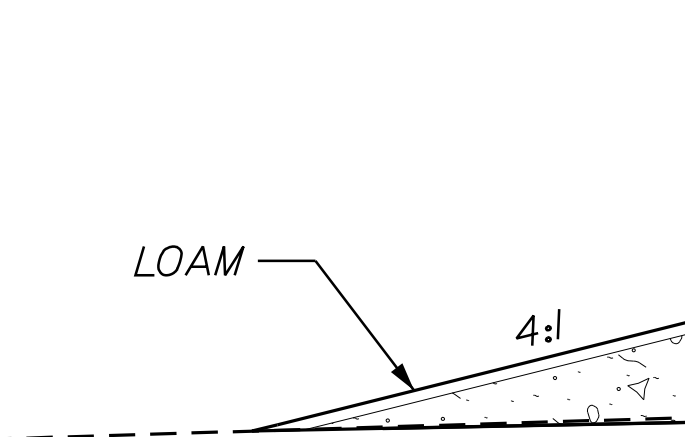
DITCH SECTION
STATION TO STATION
14+90 TO 15+15 LT
22+00 TO 31+22.30 LT
30+18 TO 33+00 RT

FULL CONSTRUCTION CORE
STATION TO STATION
16+90 TO 33+00

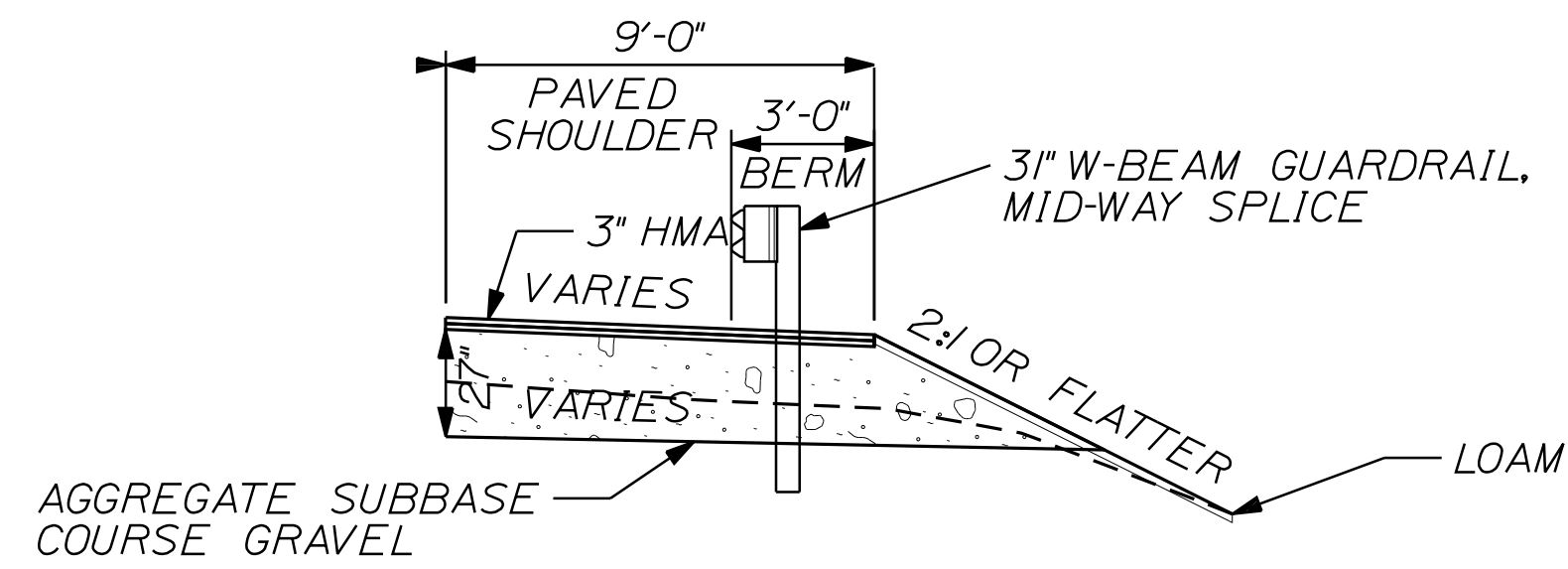
DAYLIGHT PAVED SHOULDER
STATION TO STATION
22+50 TO 30+18 RT



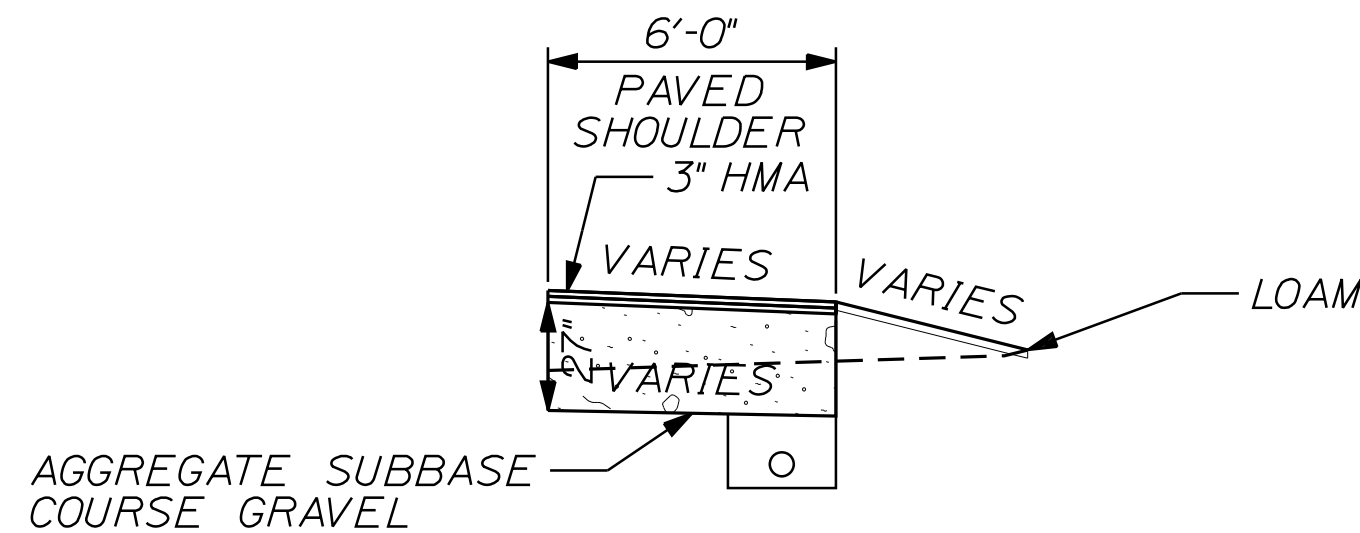
CURBED SECTION
STATION TO STATION
16+90 TO 19+23 LT



DAYLIGHT GRAVEL SHOULDER
STATION TO STATION
19+75 TO 22+00 LT
31+22.31 TO 33+00 LT



GUARDRAIL SECTION
STATION TO STATION
16+45 TO 22+50 RT



UNDERDRAIN TYPE B
STATION TO STATION
14+50 TO 19+23 LT
23+00 TO 27+35 RT
27+50 TO 33+00 RT

NOTE:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
5. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

SUPERELEVATION TABLE

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
MATCH	EXISTING	14+50	MATCH	EXISTING
		TO		
-4.4%	2.9%	15+00	-3.5%	-5.1%
-4.0%	2.9%	15+12.45	-2.9%	-4.0%
-4.0%	1.0%	15+50	-1.0%	-4.0%
-4.0%	0.0%	15+68.80	0.0%	-4.0%
-4.0%	-1.6%	16+00	1.6%	-4.0%
-4.1%	-4.1%	16+50	4.1%	-3.9%
-6.0%	-6.0%	16+85.78	6.0%	-2.0%
		TO		
-6.0%	-6.0%	18+30.77	6.0%	-2.0%
-5.2%	-5.2%	18+50	5.2%	-2.0%
-4.0%	-3.1%	19+00	3.1%	-4.0%
-4.0%	-1.0%	19+50	1.0%	-4.0%
-4.0%	0.0%	19+74.77	0.0%	-4.0%
-4.0%	1.1%	20+00	-1.1%	-4.0%
-4.0%	2.0%	20+22.77	-2.0%	-4.0%
		TO		
-4.0%	2.0%	32+65.65	-2.0%	-4.0%
-4.0%	0.6%	33+00	-2.0%	-4.0%
-4.0%	0.0%	33+13.65	-2.0%	-4.0%
-4.0%	-1.5%	33+50	-2.0%	-4.0%
-4.0%	-2.0%	33+61.65	-2.0%	-4.0%
		TO		
-4.0%	-2.0%	34+50	-2.0%	-4.0%
		TO		
MATCH	EXISTING	35+00	MATCH	EXISTING

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

24083.00

WIN
24083.00

HIGHWAY PLANS

CANTON
ROUTE 140

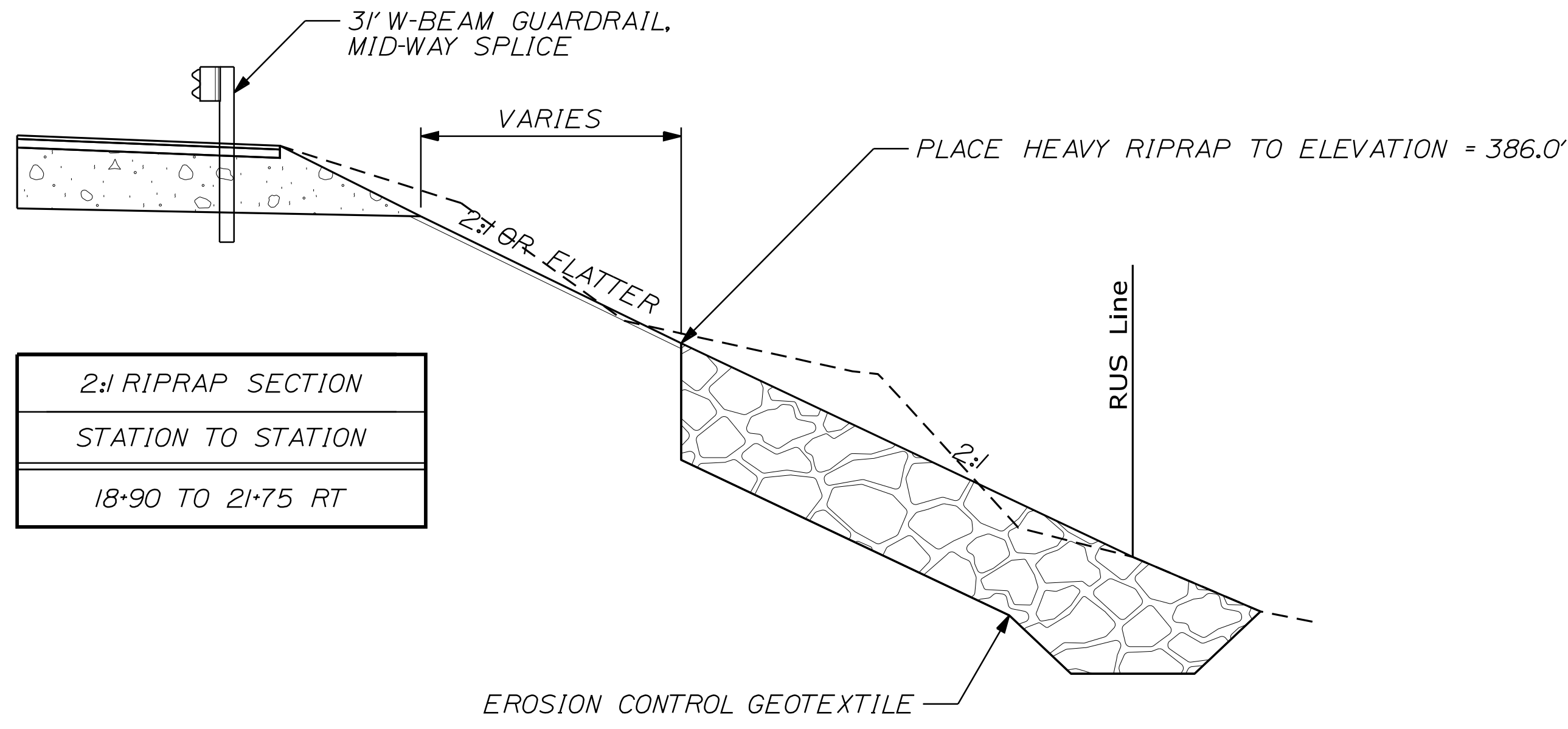
TYPICAL SECTIONS

SHEET NUMBER

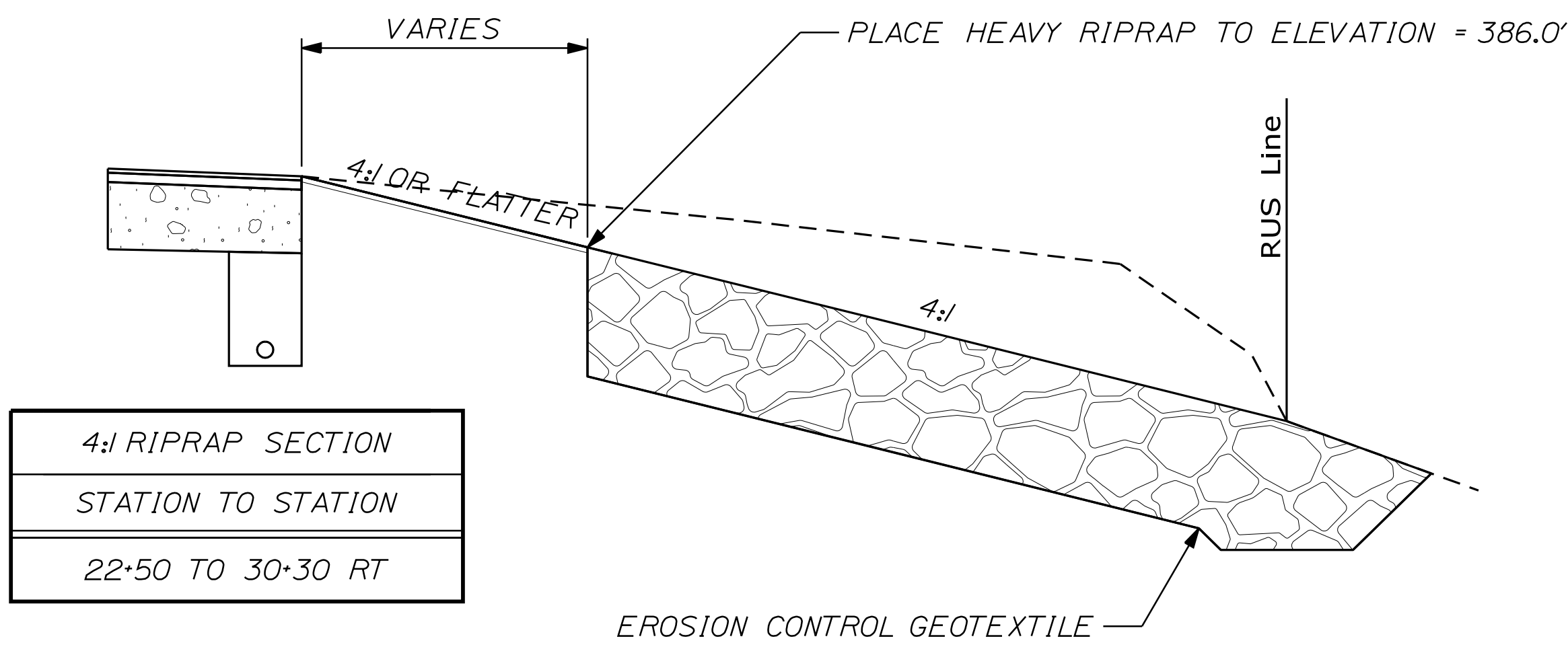
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OF 35

NOT TO SCALE

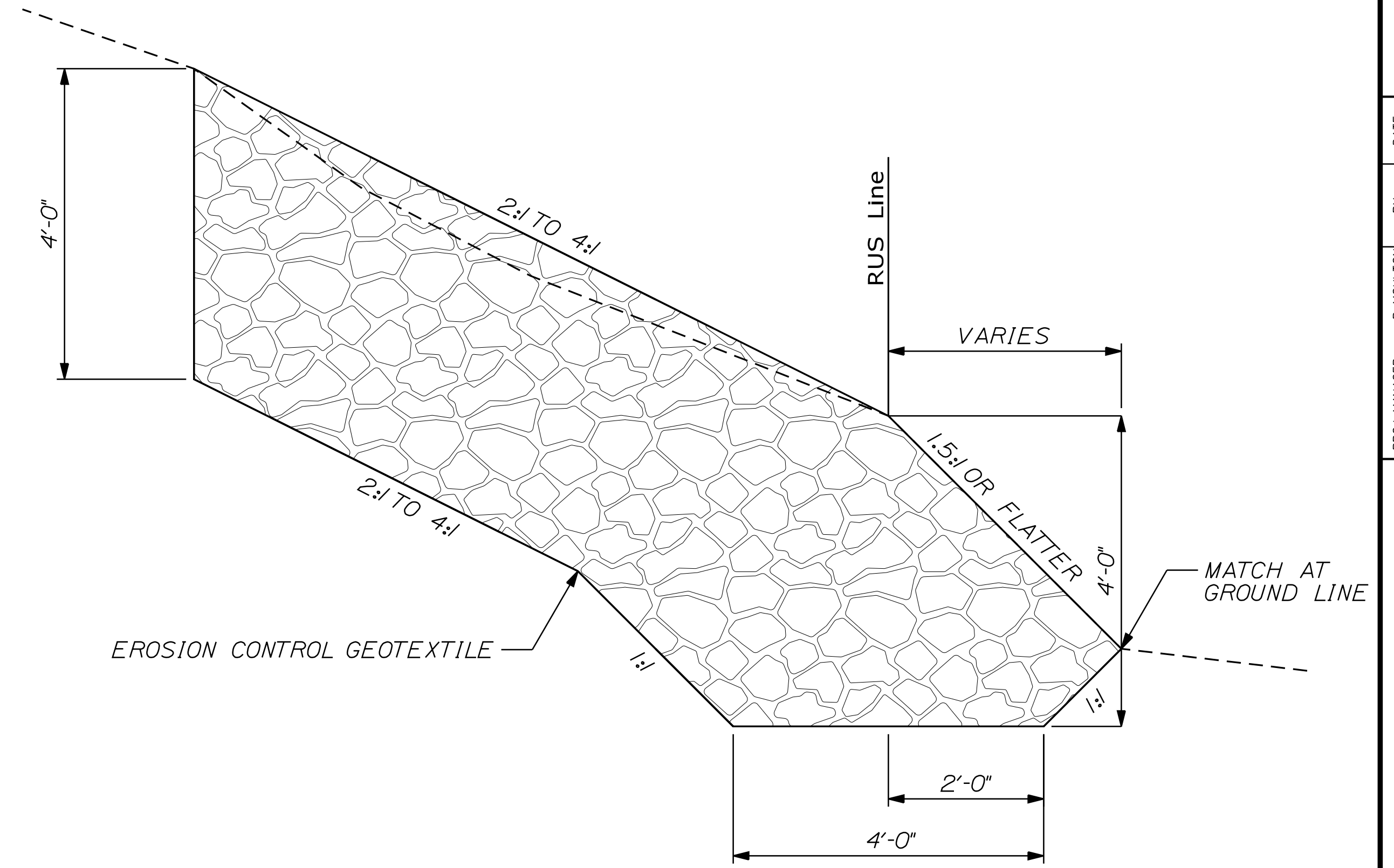


2:1 RIPRAP SECTION
 STATION TO STATION
 18+90 TO 21+75 RT



4:1 RIPRAP SECTION
 STATION TO STATION
 22+50 TO 30+30 RT

RIPRAP KEY DETAIL



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

24083.00

WIN
24083.00

HIGHWAY PLANS

PROJ. MANAGER	R. MOULTON	BY	DATE
DESIGN DETAILED	D. PRIDE		
CHECKED/REVIEWED	C. RUSSELL	T. WHITE	JULY 2020
DESIGN DETAILED			DEC 2019
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
		SIGNATURE	
		P.E. NUMBER	
		DATE	

CANTON
ROUTE 140

SPECIAL DETAIL

SHEET NUMBER

3

OF 35

NOT TO SCALE

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.11	Clearing	0.3	AC
201.23	Removing Single Tree Top Only	12	EA
201.24	Removing Stump	13	EA
203.20	Common Excavation	18,530	CY
304.10	Aggregate Subbase Coarse Gravel	5,650	CY
403.208	Hot Mix Asphalt- 12.5 mm Nominal Maximum Size Surface	570	T
403.209	Hot Mix Asphalt- 9.5 mm Nominal Maximum Size (Sidewalks, Drives, Islands & Incidentals)	6	T
403.213	Hot Mix Asphalt- 12.5 mm Nominal Maximum Size (Base and Intermediate Coarse)	1,120	T
409.15	Bituminous Tack Coat- Applied	350	G
603.16	15' Culv Pipe Option I	80	LF
603.179	18' Culv Pipe Option III	70	LF
604.092	Catch Basin Type BI-C	1	EA
605.09	6' Underdrain Type B	1,490	LF
606.1301	31" W-Beam Guardrail, Mid-way Splice (Steel Post, 8" Offset Blocks, Single Faced)	650	LF
606.1305	31" W-Beam Guardrail, Mid-way Splice Flared Terminal (31" Height)	1	EA
606.353	Reflectorized Flexible Guardrail Marker	2	EA
606.356	Underdrain Delineator Post	3	EA
606.47	Single Wood Post	1	EA
609.31	Curb Type 3	231	LF
610.08	Plain Riprap	20	CY
610.16	Heavy Riprap	7,400	CY
613.319	Erosion Control Blanket	1,050	SY
615.07	Loam	505	CY
615.086	Loam/Compost Mix	20	CY
618.13	Seeding Method Number 1	28	UN
618.14	Seeding Method Number 2	29	UN
618.143	Special Seed Mix Canton Buffer Mix	24	UN
619.12	Mulch	57	UN
620.58	Erosion Control Geotextile	6,800	SY
621.121	Sm. Decid Tr (5'-6') GP B	6	EA
621.246	Lg. Decid Tr (3'-4') GP A	15	EA
621.247	Lg. Decid Tr (4'-5') GP A	9	EA
621.248	Lg. Decid Tr (5'-6') GP A	15	EA
621.249	Lg. Decid Tr (6'-8') GP A	9	EA
621.25	Lg. Decid Tr (6'-8') GP B	6	EA
621.535	Decid Shrubs (12"-18") GP A	45	EA
621.536	Decid Shrubs (12"-18") GP B	45	EA
621.54	Decid Shrubs (15"-18") GP A	30	EA
621.541	Decid Shrubs (18"-24") GP B	40	EA
627.733	4" White or Yellow Painted Pavement Marking Line	8,200	LF
627.78	Temporary Pavement Marking Line, White or Yellow	16,400	LF
629.05	Hand Labor, Straight Time	10	HR
631.12	All Purpose Excavator (Including Operator)	10	HR
631.172	Truck- Large (Including Operator)	20	HR
631.20	Stump Chipper Rental (Including Operator)	10	HR
639.19	Field Office, Type B	1	EA
652.33	Drum	20	EA
652.34	Cone	40	EA
652.35	Construction Signs	96	SF
652.36	Maintenance of Traffic Control Devices	100	CD
652.38	Flaggers	1,600	HR
656.75	Temporary Soil Erosion and Water Pollution Control	1	LS
659.10	Mobilization	1	LS

EARTHWORK SUMMARY

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM MODEL OR PLANS)	18,443.05
GRUBBING IN FILL	82.69
LOAM SALVAGE IN FILL	0
UNDERCUT	0
MUCK EXCAVATION	0
PEAT EXCAVATION	0
CULVERT INLET AND OUTLET DITCHES	0
PAVEMENT SALVAGE IN FILL	0

TOTAL COMMON EXCAVATION 18,525.74

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM MODEL OR PLANS)	214.96
GRUBBING IN FILL	82.69
LOAM SALVAGE IN FILL	0
UNDERCUT	0
MUCK EXCAVATION	0
PEAT EXCAVATION	0
PAVEMENT SALVAGE IN FILL	0
RECYCLED PAVEMENT REMOVAL IN FILL	0

TOTAL FILL 297.64

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CROSS SECTIONS)	0
ROCK EXCAVATION (BOULDERS)	0

TOTAL ROCK EXCAVATION 0

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

ALL DEDUCTIONS:	
GRUBBING IN CUT	1,672.90
GRUBBING IN FILL	82.69
LOAM SALVAGE IN CUT	0
LOAM SALVAGE IN FILL	0
UNDERCUT	0
MUCK EXCAVATION	0
PEAT EXCAVATION	0
PAVEMENT SALVAGE (CUT & FILL)	936.09
TOTAL DEDUCTIONS	<u>2,691.68</u>

TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS	15,834.06
TOTAL AVAILABLE STRUCTURAL EXCAVATION (UNDERDRAIN ONLY)	233.84
RIPRAP EXCAVATION	7,389.23
TOTAL AVAILABLE NON-ROCK EXCAVATION	<u>23,457.12</u>

COMPUTATION OF WASTE STORAGE & WASTE MATERIAL

TOTAL AVAILABLE WASTE STORAGE AREA (FROM CROSS SECTIONS)	0.00
GRUBBING IN CUT	1,672.90
GRUBBING IN FILL	82.69
UNDERCUT	0
MUCK EXCAVATION	0
PEAT EXCAVATION	0
TOTAL WASTE MATERIAL	<u>1,755.59</u>

TOTAL WASTE MATERIAL TO BE UTILIZED* 0.00
 TOTAL WASTE MATERIAL TO BE WASTED 1,755.59

COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE

TOTAL AVAILABLE NON-ROCK EXCAVATION	23,457.12	x	0.90	=	21,111.41
TOTAL AVAILABLE ROCK EXCAVATION	0	x	1.30	=	0
TOTAL AVAILABLE STRUCTURAL ROCK EXCAVATION	0	x	1.30	=	0
TOTAL WASTE MATERIAL TO BE UTILIZED	0	x	0.90	=	0

TOTAL AVAILABLE EXCAVATION 21,111.41
 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 22,569.36

SURPLUS MATERIAL 22,569.36

STATE OF MAINE DEPARTMENT OF TRANSPORTATION 24083.00 WIN 24083.00 HIGHWAY PLANS	CANTON ROUTE 140 ESTIMATED QUANTITIES	SHEET NUMBER 4 OF 35
PROJ. MANAGER: _____ CHECKED: _____ DESIGNED: _____ DESIGNED/REVISED: _____ REVISIONS: 1 _____ REVISIONS: 2 _____ REVISIONS: 3 _____ REVISIONS: 4 _____ FIELD CHANGES: _____	R. MOUTON: _____ D. PRIDE: _____ C. RUSSELL: _____ T. WHITE: _____	DATE: _____ JULY 2020 DEC 2019 SIGNATURE: _____ P.E. NUMBER: _____ DATE: _____

STATION	CULVERT PIPE				CATCH BASIN	UNDERDRAIN	ELBOWS, TEES, WYES, AND INLET GRATE UNITS	REMARKS
	OPTION I		OPTION III			TYPE B		
	SIZE	LENGTH	SIZE	LENGTH		LENGTH		
CULVERT PIPES								
STA. 14+50, 33.4' LT TO STA. 14+90, 30.0' LT	15"	40'						
STA. 15+14 TO STA. 15+54, 30.0' LT	15"	40'						
STA. 27+45.36, 27.9' LT TO STA. 27+46.36, 15.0' RT			18"	42'				
STA. 27+45.36, 16.8' LT TO STA. 27+46.36, 45.8' RT			18"	28'				
CATCH BASINS								
STA. 27+45.36, 15.9' RT					1			
UNDERDRAIN								
STA. 14+50 LT TO STA. 19+22, 15.9' LT						479'	45° ELBOW	OUTLET AT STA. 14+50, 30.8' LT
STA. 23+00 TO STA. 27+45.36, 15.9' RT						447'		
STA. 27+45.36 TO STA. 33+00, 15.9' RT						558'		

CONSTRUCTION NOTES

ITEM 201.11 CLEARING
 LOCATION DESCRIPTION
 STA. 18-50.64 TO STA. 21-03.19 RT 12" MAPLE
 STA. 21-62.20 TO STA. 26-04.26 RT 36" MAPLE
 STA. 26-35.99 TO STA. 27-84.38 RT 4" MAPLE
 STA. 28-54.77 TO STA. 28-94.56 RT 4" MAPLE
 STA. 29-03.74 TO STA. 30-26.13 RT 8" MAPLE

ITEM 606.1301 31" W-BEAM GUARDRAIL, MID-WAY SPLICE, SINGLE FACED
 LOCATION LENGTH
 STA. 15+62.50 TO STA. 22+12.50, 15.0' RT 650 LF

ITEM 609.31 CURB TYPE 3
 LOCATION LENGTH
 STA. 16+90.00 TO STA. 19+23.00, 15.9' LT 231 LF

DRIVEWAYS & ENTRANCES
 LOCATION WIDTH DESCRIPTION
 STA. 14-70.38 LT 33.8' FIELD ENTRANCE
 STA. 15-34.18 LT 34.3' FIELD ENTRANCE
 STA. 16-72.50 LT 43.4' PAVED DRIVEWAY
 STA. 19-20.50 LT 34.0' FIELD ENTRANCE
 STA. 22-28.20 LT 25.1' FIELD ENTRANCE

ITEM 201.23 REMOVING SINGLE TREE TOP ONLY
 LOCATION DESCRIPTION
 STA. 16-96.20, 27.8' LT 12" MAPLE
 STA. 17-36.14, 33.3' LT 36" MAPLE
 STA. 17-98.29, 41.6' LT 4" MAPLE
 STA. 18-03.43, 34.5' LT 4" MAPLE
 STA. 18-05.83, 23.7' LT 8" MAPLE
 STA. 18-08.19, 25.6' LT 3" MAPLE
 STA. 18+13.45, 24.4' LT 1" APPLE
 STA. 18+13.66, 27.8' LT 3" MAPLE
 STA. 18+19.32, 24.1' LT 7" MAPLE
 STA. 18-21.47, 26.5' LT 5" MAPLE
 STA. 18-56.96, 32.3' LT 4" MAPLE
 STA. 18-76.19, 28.3' LT 3" MAPLE

ITEM 606.1305 31" W-BEAM GUARDRAIL, MID-WAY SPLICE, FLARED TERMINAL
 LOCATION
 STA. 22+12.50 TO STA. 22+50.00, 21.0' RT

ITEM 610.08 PLAIN RIPRAP
 LOCATION INLET OUTLET
 STA. 14+50.00 LT 3' X 4'
 STA. 27+45.36 LT 5' X 8'

CONSTRUCTION NOTES
 1. TOPSOIL FROM THE FIELD WILL BE REMOVED AND STOCKPILED FOR THE PROPERTY OWNER ON THEIR REMAINING LAND. LOCATION TO BE DETERMINED BY THE RESIDENT.
 2. GUARDRAIL TRANSITION TO MID-WAY SPLICE RAIL WILL BE DONE ACCORDING TO THE STANDARD DETAILS, INCIDENTAL TO GUARDRAIL ITEMS.
 3. STATION 19 + 58.50 LT TO STATION 35 + 00 LT SHALL BE RESERVED. NO WORK SHALL TAKE PLACE WITHIN THESE LIMITS UNTIL AFTER OCTOBER 01, 2020, OR UNLESS PRIOR RELEASE BY THE DEPARTMENT.
 4. BOULDERS TO BE RELOCATED OUTSIDE OF RIGHT OF WAY.

ITEM 606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER
 LOCATION
 STA. 22+12.50 RT - TANGENT POINT
 STA. 22+50.00 RT - FLARED END

ITEM 610.16 HEAVY RIPRAP
 LOCATION
 STA. 18+66.70 TO STA. 30+32.51 RT

ITEM 613.319 EROSION CONTROL BLANKET
 LOCATION
 STA. 22+50.00 TO STA. 31+33.20 LT
 STA. 30+15.00 TO STA. 33+00.00 RT

ITEM 620.58 EROSION CONTROL GEOTEXTILE
 LOCATION
 STA. 18+77.10 TO STA. 30+17.00 RT

ITEM 606.356 UNDERDRAIN DELINEATOR POST
 LOCATION
 STA. 14+50 LT
 STA. 15+90 LT
 STA. 19+23 LT

ITEM 606.47 SINGLE WOOD POST
 LOCATION
 STA. 16+53.42 LT

ITEM 201.24 REMOVING STUMP
 LOCATION DESCRIPTION
 STA. 16-96.20, 27.8' LT 12" MAPLE
 STA. 17-36.14, 33.3' LT 36" MAPLE
 STA. 17-98.29, 41.6' LT 4" MAPLE
 STA. 18-03.43, 34.5' LT 4" MAPLE
 STA. 18-05.83, 23.7' LT 8" MAPLE
 STA. 18-08.19, 25.6' LT 3" MAPLE
 STA. 18+10.30, 36.6' LT 24" STUMP
 STA. 18+13.45, 24.4' LT 1" APPLE
 STA. 18+13.66, 27.8' LT 3" MAPLE
 STA. 18+19.32, 24.1' LT 7" MAPLE
 STA. 18-21.47, 26.5' LT 5" MAPLE
 STA. 18-56.96, 32.3' LT 4" MAPLE
 STA. 18-76.19, 28.3' LT 3" MAPLE

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 24083.00
 WIN
 24083.00
 HIGHWAY PLANS

PROJ. MANAGER R. MOULTON
 DESIGN-DETAILED D. PRIDE
 CHECKED-REVIEWED T. WHITE
 DESIGN-DETAILED C. RUSSELL
 REVISIONS 1
 REVISIONS 2
 REVISIONS 3
 REVISIONS 4
 FIELD CHANGES

DATE
 JULY 2020
 DEC 2019
 SIGNATURE
 P.E. NUMBER
 DATE

CANTON
 ROUTE 140
 DRAINAGE SHEET & CONSTRUCTION NOTES

SHEET NUMBER
 5
 OF 35

Filename: ... \MSTA\006_GeneralNotes.dgn
 Division: HIGHWAY
 Username: Dana.Pride
 Date: 8/25/2020

GENERAL NOTES

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

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

3. 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.

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

5. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE RESIDENT.

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

7. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE FILL SIDE SLOPES WITHOUT GUARDRAIL UNLESS OTHERWISE NOTED ON THE PLANS.

8. 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.

9. 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.

10. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1 FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATIONS ITEM 703.19, GRANULAR BORROW.

11. 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.

12. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 2 INCHES OF HOT MIX ASPHALT AND 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.

13. GRASS ENTRANCES SHALL BE CONSTRUCTED WITH 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 2 INCHES OF LOAM, SEEDED & MULCHED UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

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

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

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

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

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

19. PLASTIC END CAPS SHALL BE PLACED ON THE INLET END OF ALL DEAD-END 6-INCH TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.

20. A 3-FOOT BY 3-FOOT SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT EACH UNDERDRAIN OUTLET.

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

22. HOLES CREATED BY GUARDRAIL REMOVAL WILL BE FILLED AND COMPACTED WITH APPROVED MATERIALS AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 606, GUARDRAIL. (PRESERVATION ONLY)

23. ALL EXISTING GUARDRAIL REMOVED AND NOT REUSED ON THE PROJECT WILL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

24. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 606.353, REFLECTORIZED FLEXIBLE GUARDRAIL MARKER) WILL BE INSTALLED AT EACH GUARDRAIL END.

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

26. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356, UNDERDRAIN DELINEATOR POST) WILL BE INSTALLED AT EACH END OF EACH RUN OF BITUMINOUS CURB.

27. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 606, GUARDRAIL.

28. LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.

29. 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.

30. 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.

31. 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 STANDARD SPECIFICATIONS ITEM 627.78, TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW.

32. 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.

33. 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.

34. THE PROJECT GEOTECHNICAL REPORT TITLED "GEOTECHNICAL DESIGN REPORT FOR A SLOPE STABILIZATION ON: ROUTE 140", SOILS REPORT 2020-24, AUGUST 14, 2020 CAN BE ACCESSSED AT THE MAINE DOT WEBSITE [HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS](http://www.maine.gov/mdot/contractors).

35. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THE BID DOCUMENTS IS FOR THE USE OF THE BIDDERS. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF THE ACTUAL SUBSURFACE CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. MAINE DOT WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION, THE BORING LOGS PROVIDED IN THE BID DOCUMENTS (IF ANY) PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.

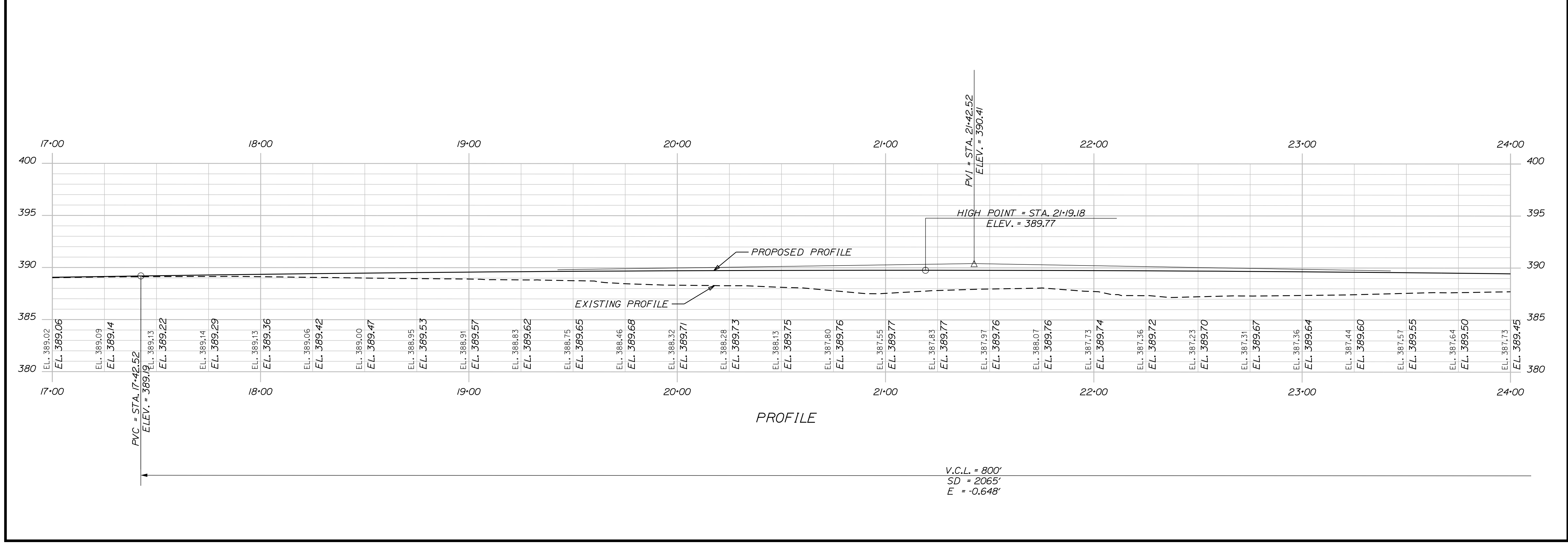
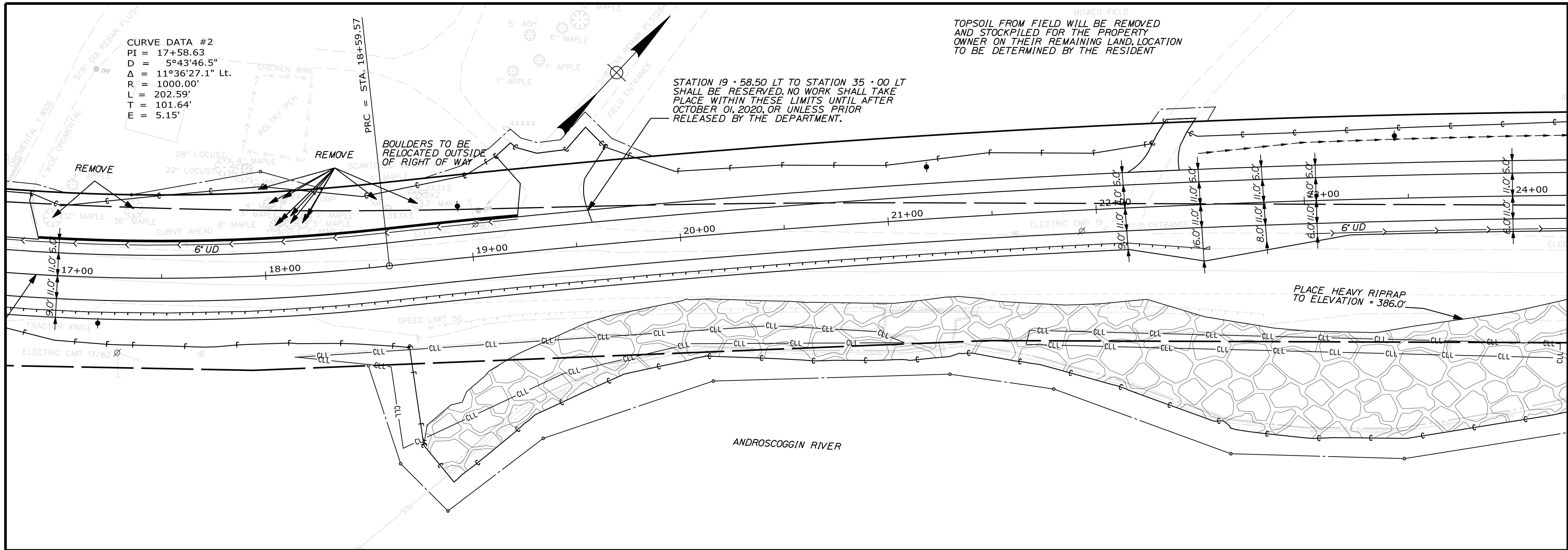
36. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.

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

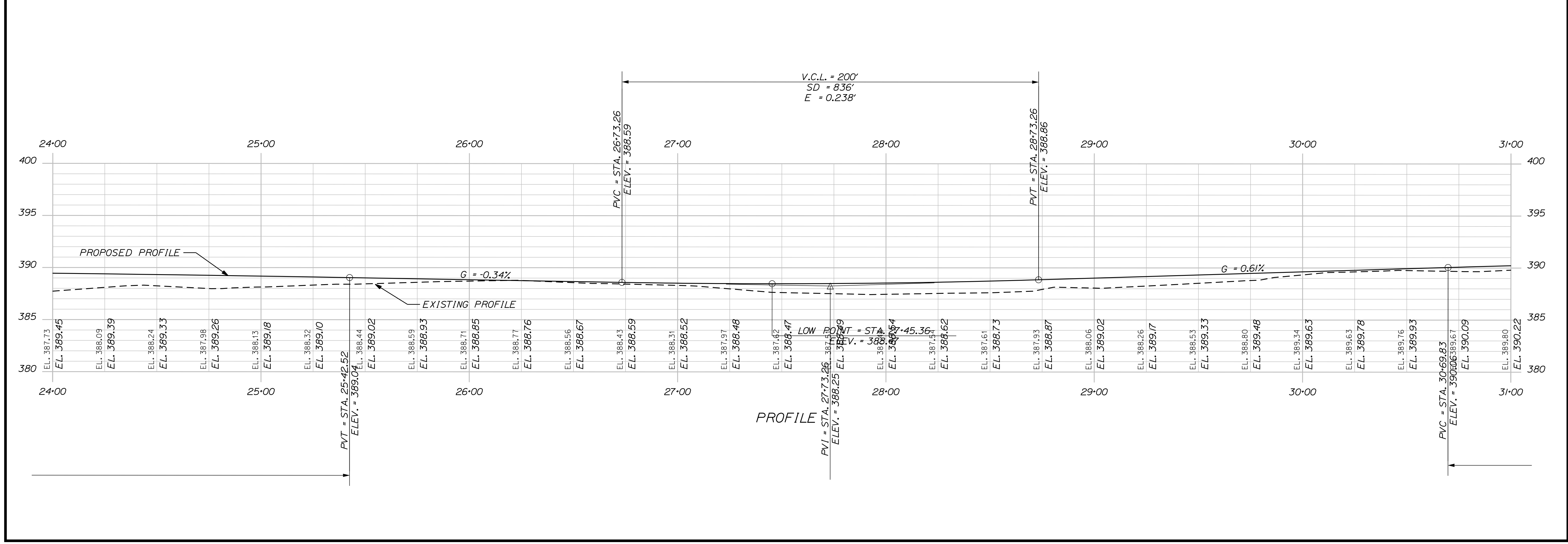
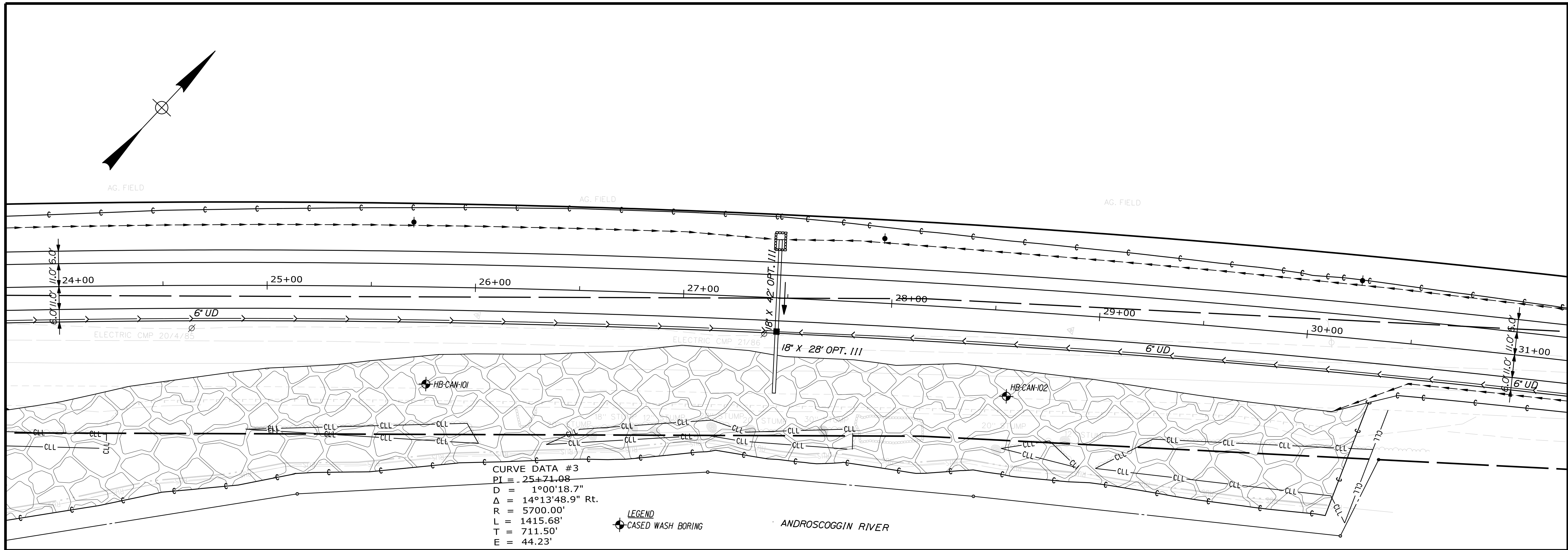
38. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

39. THE CONTRACTOR WILL PLACE APPROPRIATELY-MARKED STAKES AT THE FOLLOWING LOCATIONS ON THE PROJECT: STRIPING PATTERN CHANGES, CROSS-SLOPE CHANGES, AND EVERY 500 FEET FOR STATIONING. THE CONTRACTOR WILL PAINT EVERY FULL STATION (100 FEET) ON THE EXISTING ROADWAY AND WILL TRANSFER THE PAINTED STATIONING THROUGH ALL INTERMEDIATE LIFTS (NOT SURFACE). APPROPRIATELY-SIZED STRIPING PATTERN CHANGES WILL BE PAINTED ON SURFACE. STATIONING CONTROL MUST BE PLACED BEFORE WORK CAN COMMENCE. CROSS-SLOPE AND STRIPING CHANGE CONTROLS MUST BE PLACED BEFORE PAVING CAN COMMENCE.

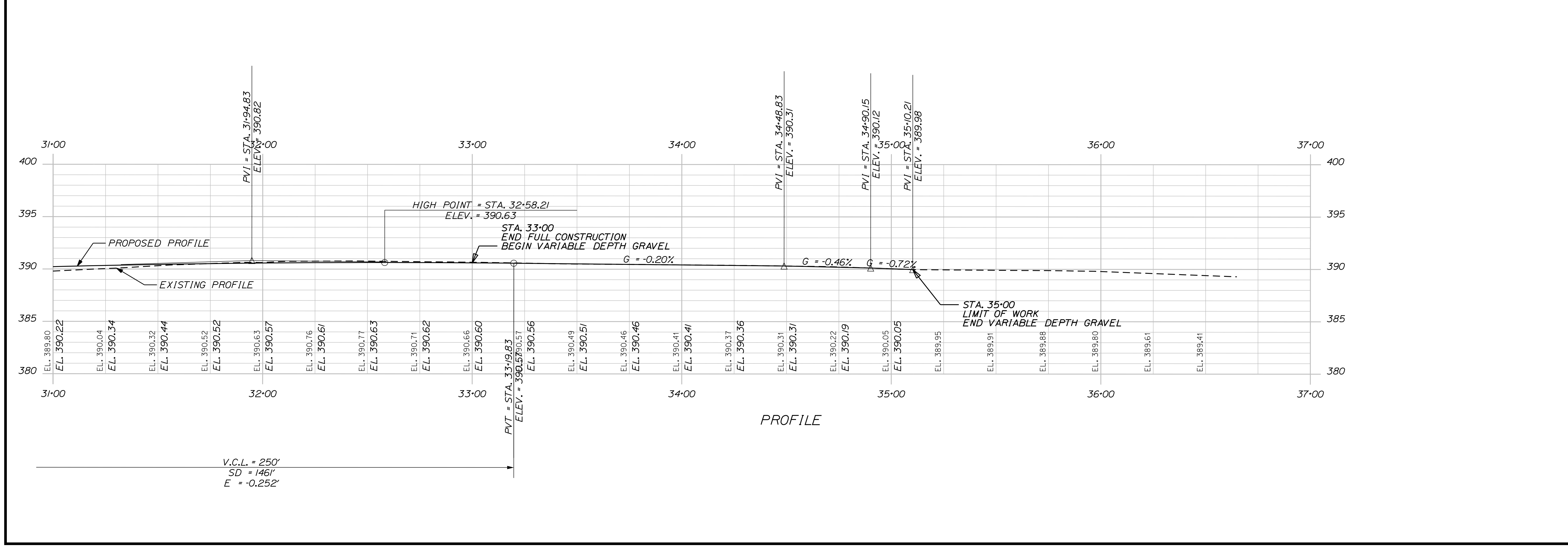
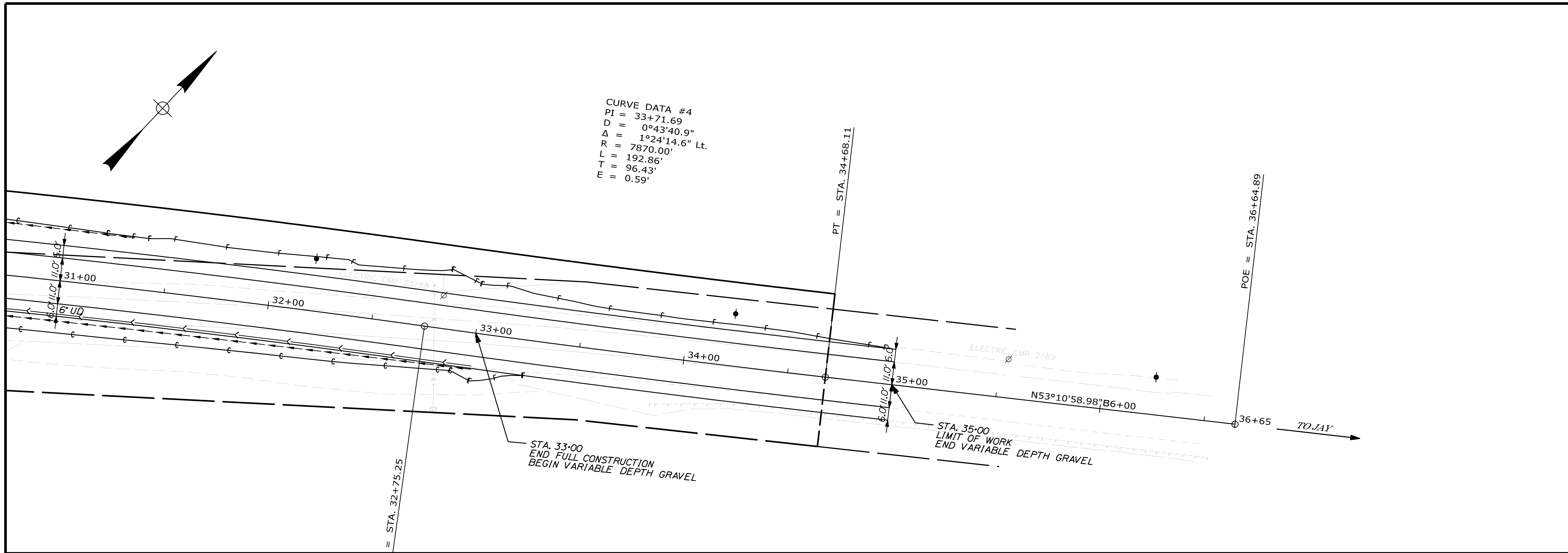
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PROJ. MANAGER R. MOUTON	BY D. PROJE T. WHITE	DATE JULY 2020 DEC 2019	SIGNATURE P.E. NUMBER DATE
DESIGN-DETAILED CHECKED-REVIEWED DESIGN-DETAILED DESIGN-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES			
SHEET NUMBER 6 OF 35			



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		24083.00
CANTON ROUTE 140		WIN 24083.00
PLAN - PROFILE		HIGHWAY PLANS
PROJ. MANAGER R. MOULTON	BY D. PRIDE	DATE JULY 2020
CHECKED-REVIEWED DESIGN-REVIEWED	C. RUSSELL	T. WHITE
DESIGN-REVIEWED	C. RUSSELL	T. WHITE
DESIGN-REVIEWED	C. RUSSELL	T. WHITE
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
SHEET NUMBER		8
OF 35		



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		24083.00
CANTON ROUTE 140		WIN 24083.00
PLAN - PROFILE		HIGHWAY PLANS
PROJ. MANAGER R. MOULTON	BY D. PRIDE	DATE JULY 2020
CHECKED/REVIEWED D. PRIDE	DESIGNED/REVIEWED C. RUSSELL	SIGNATURE T. WHITE
DESIGNED/REVIEWED C. RUSSELL	DESIGNED/REVIEWED T. WHITE	P.E. NUMBER
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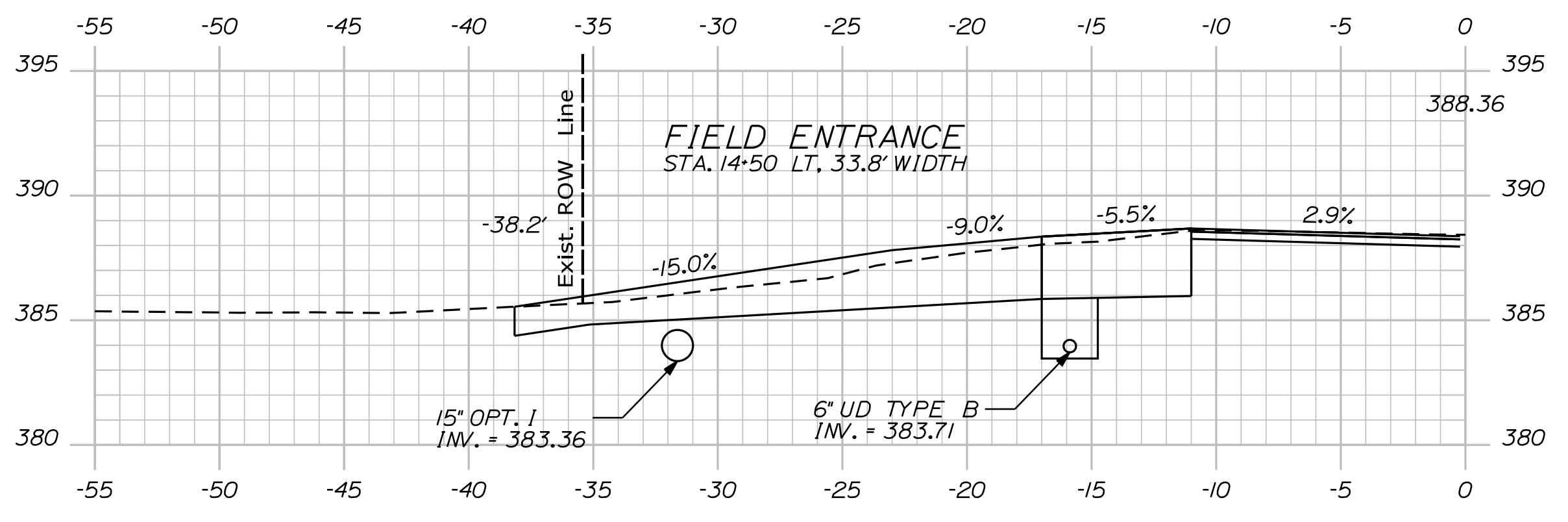
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CHECKED-REVIEWED	D. PRIDE		JULY 2020
DESIGN-REVIEWED	C. RUSSELL		DEC. 2019
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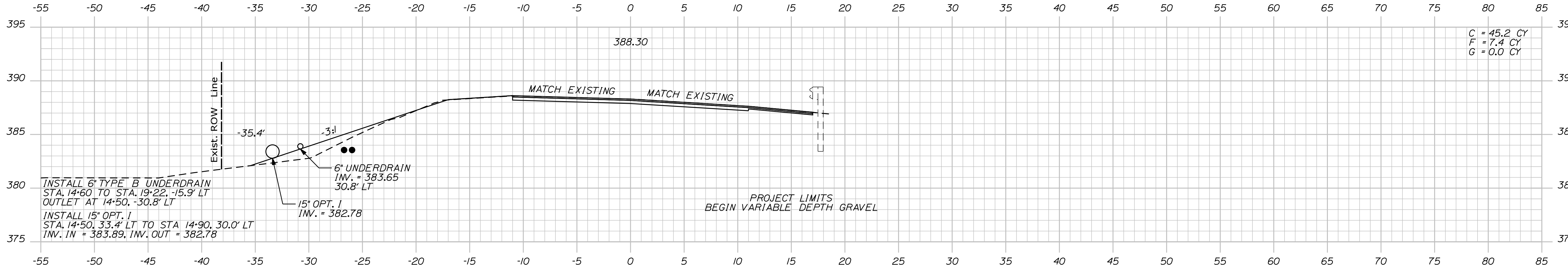
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Division: HIGHWAY

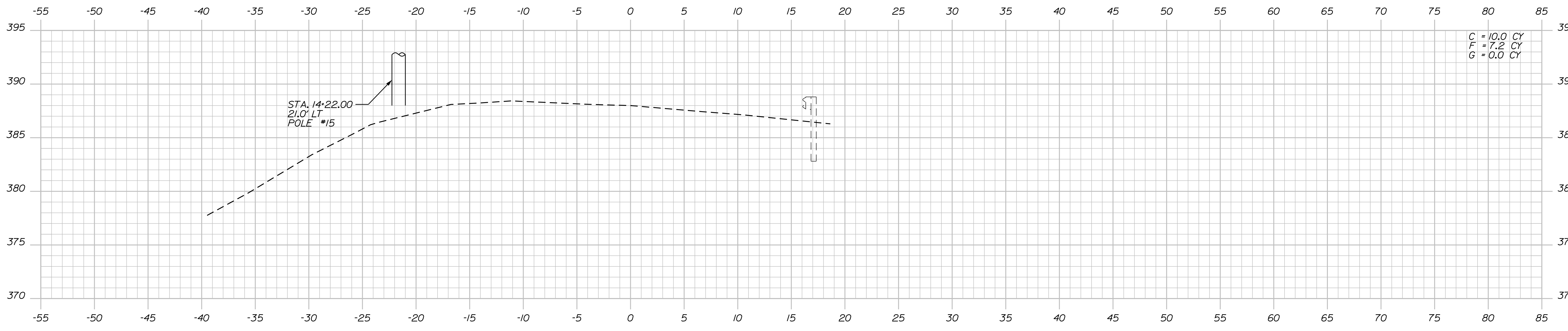
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14+70.78



14+50.00



14+00.00

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F = 7.4 CY
G = 0.0 CY

C = 10.0 CY
F = 7.2 CY
G = 0.0 CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
24083.00
WIN
24083.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
R. MOULTON	D. PRIDE	JULY 2020			
CHECKED-REVIEWED	T. WHITE	DEC 2019			
DESIGN DETAILED	C. RUSSELL				
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CANTON
ROUTE 140
CROSS SECTIONS

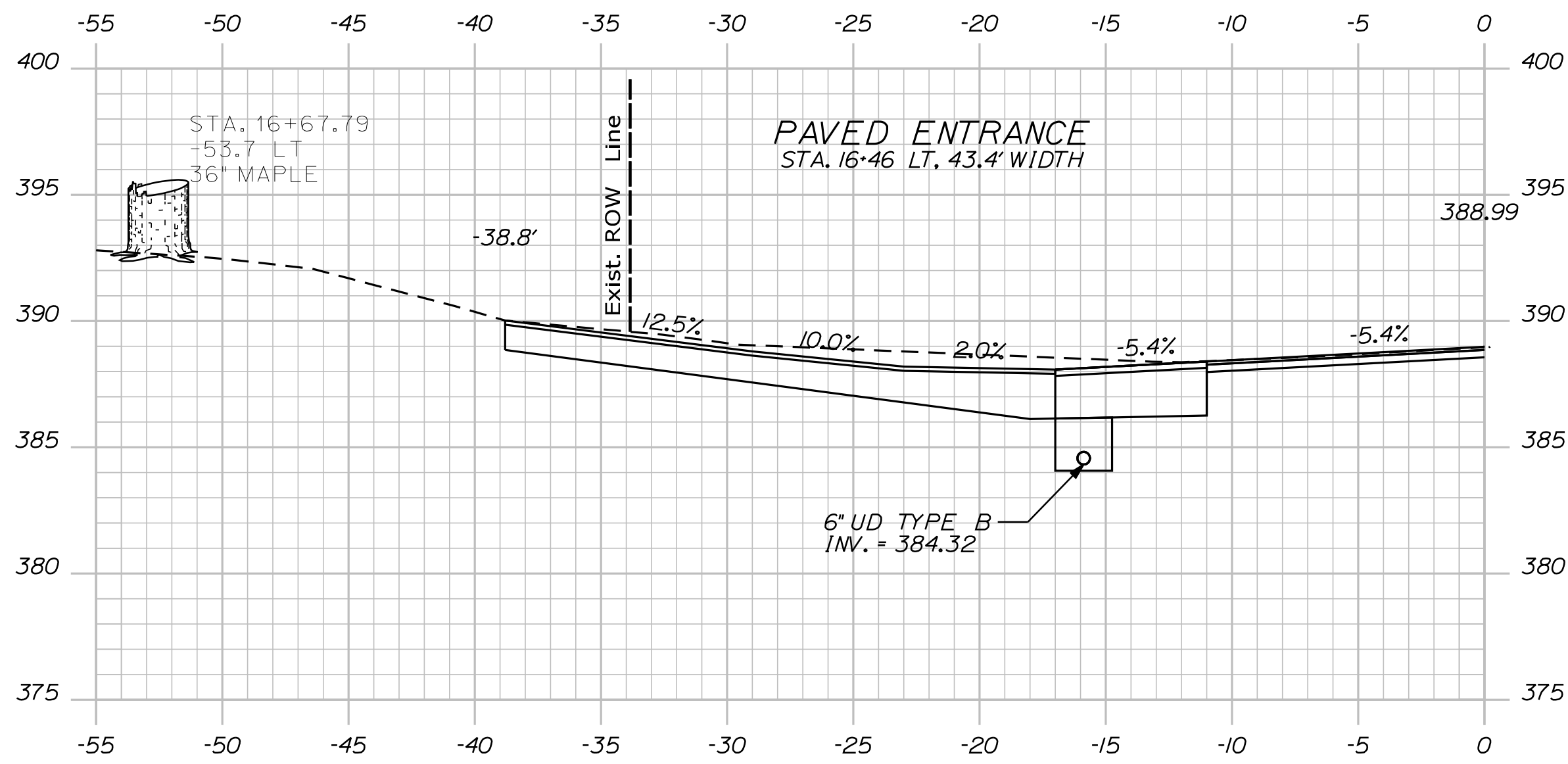
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Date: 8/25/2020

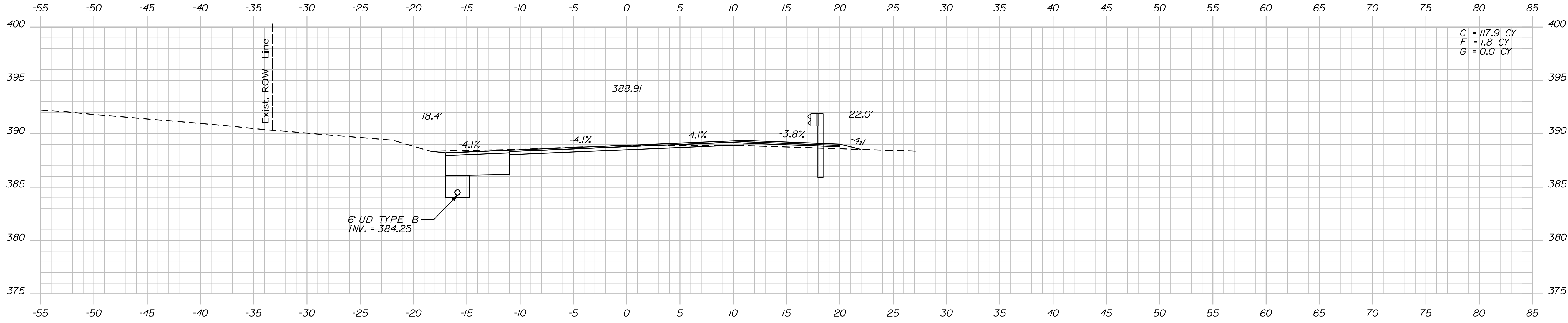
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Division: HIGHWAY

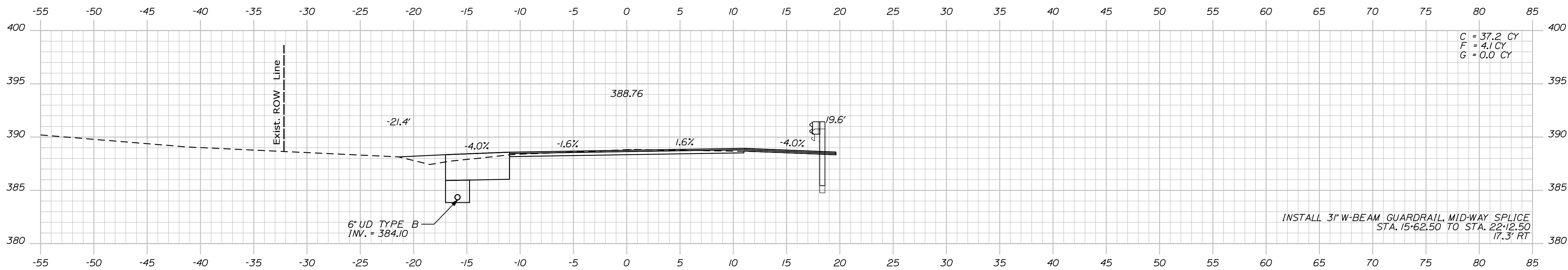
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16+50.00



16+00.00

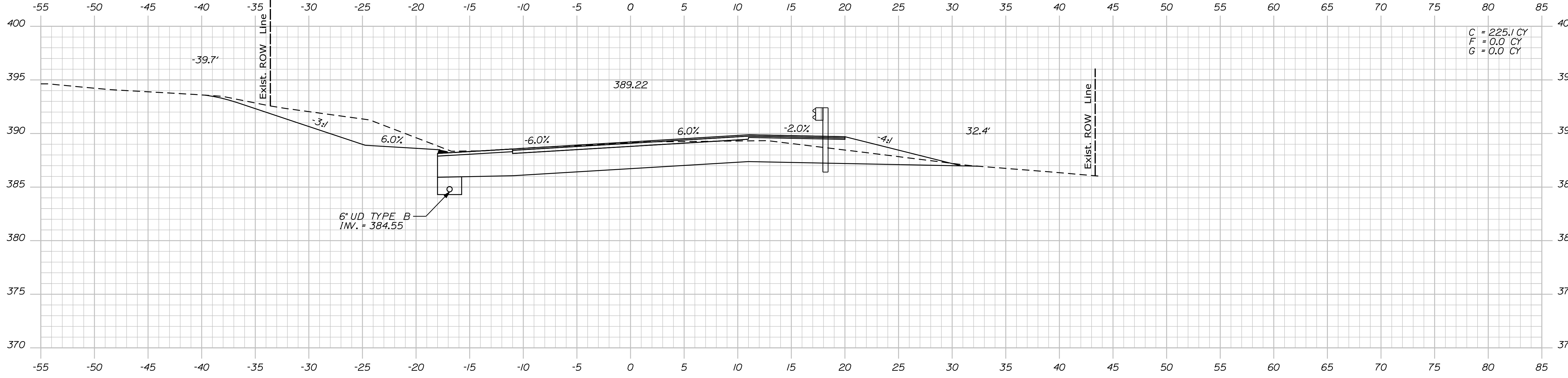
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
24083.00
WIN
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HIGHWAY PLANS

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

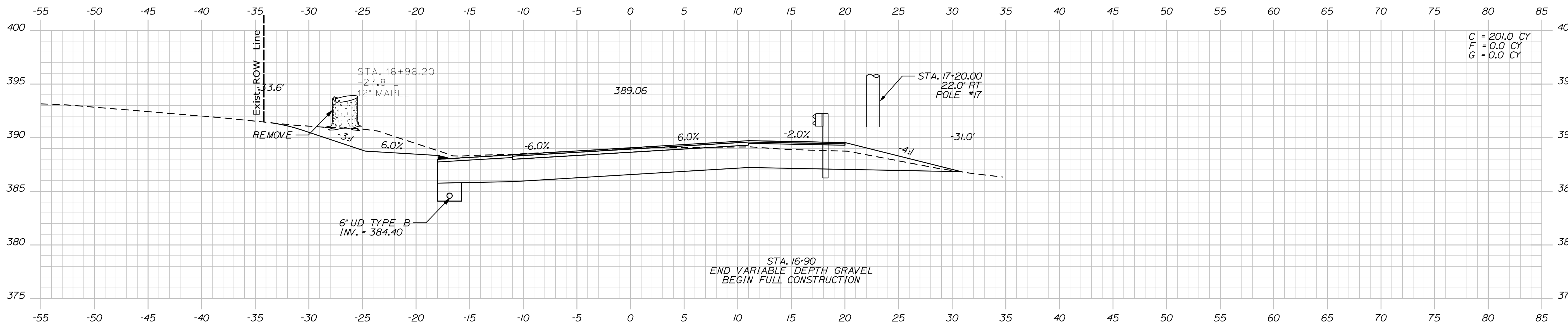
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JULY 2020	D. PRIDE		DEC 2019	T. WHITE		
		C. RUSSELL				

CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER
13
OF 35



C = 225.1 CY
 F = 0.0 CY
 G = 0.0 CY



C = 201.0 CY
 F = 0.0 CY
 G = 0.0 CY

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
R. MOULTON	D. PRIDE	JULY 2020			
CHECKED-REVIEWED	T. WHITE	DEC 2019			
DESIGNS DETAILED	C. RUSSELL				
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FIELD CHANGES					

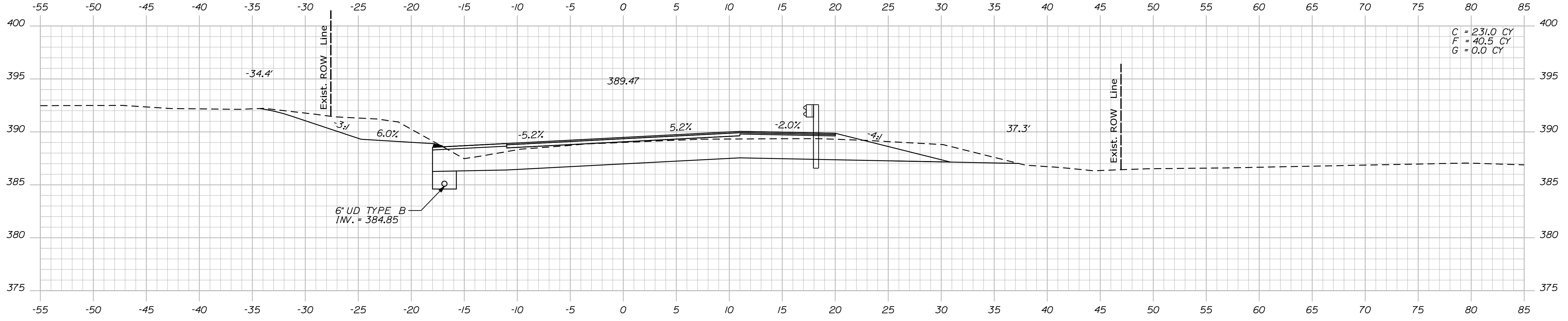
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Date: 8/25/2020

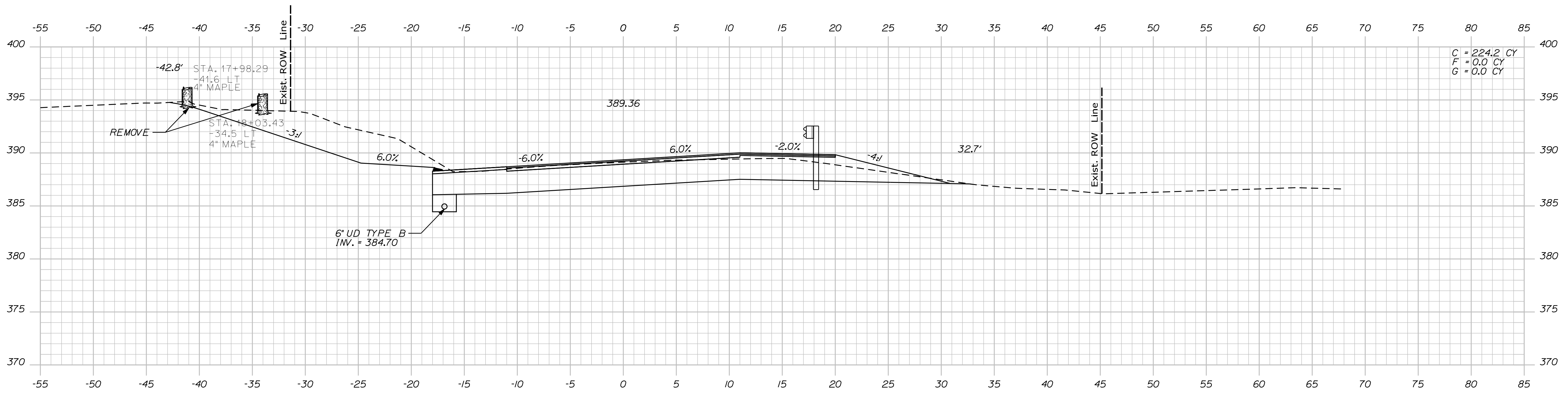
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Division: HIGHWAY

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C = 224.2 CY
 F = 0.0 CY
 G = 0.0 CY

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 24083.00
 WIN
 24083.00
 HIGHWAY PLANS

DESIGNED	DATE	SIGNATURE
CHECKED	JULY 2020	T. WHITE
DESIGNED	DEC 2019	T. WHITE
DESIGNED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER	BY	DATE
R. Moulton	T. White	
D. Pride		
C. Russell		

CANTON
 ROUTE 140
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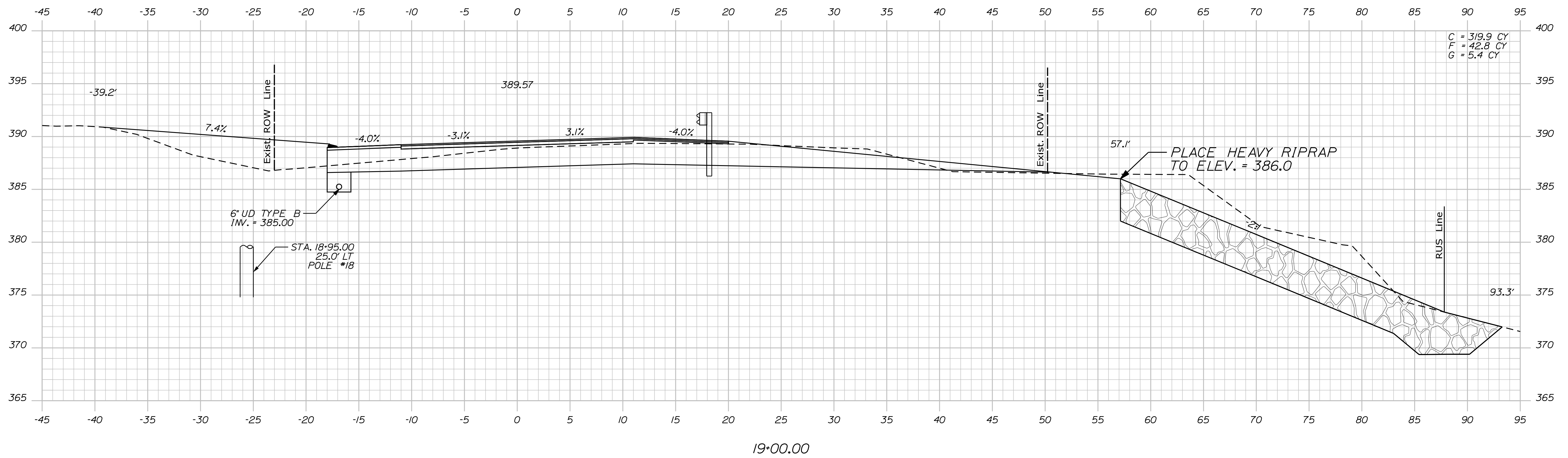
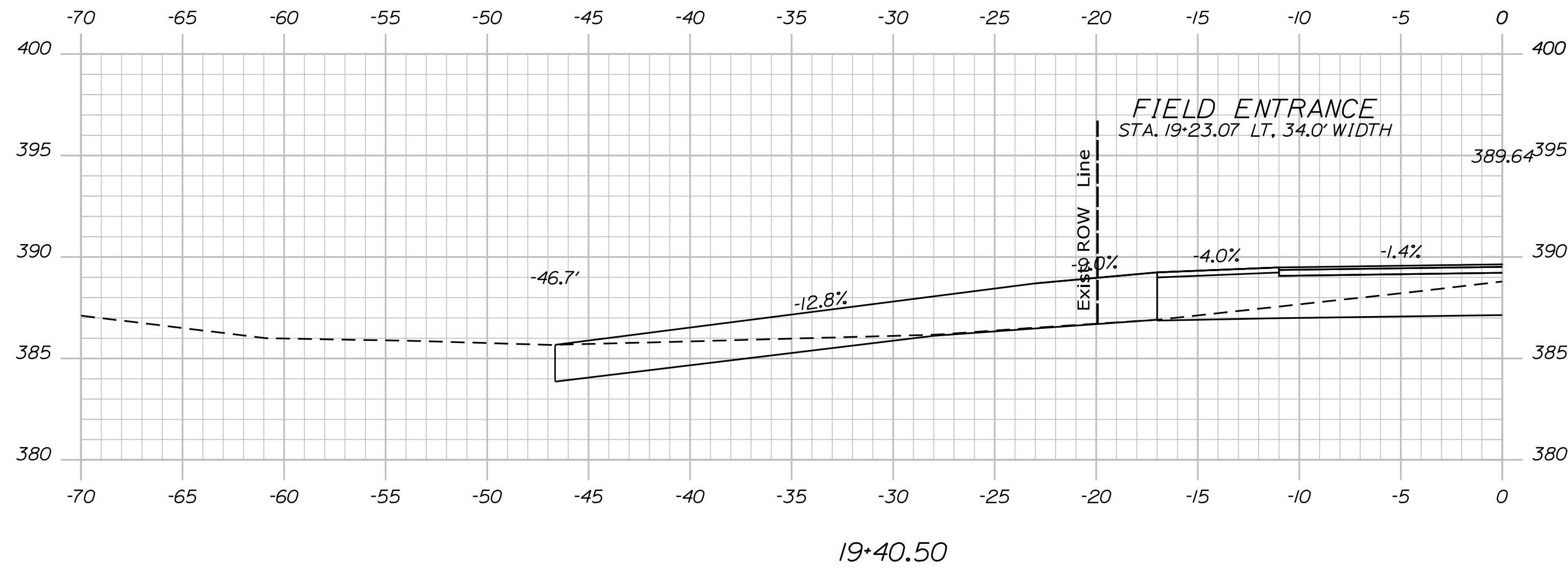
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Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

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HIGHWAY PLANS

SIGNATURE

DATE

BY

R. MOULTON

PROJ. MANAGER

CHECKED

DESIGN DETAILED

DESIGN DETAILED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

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CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER

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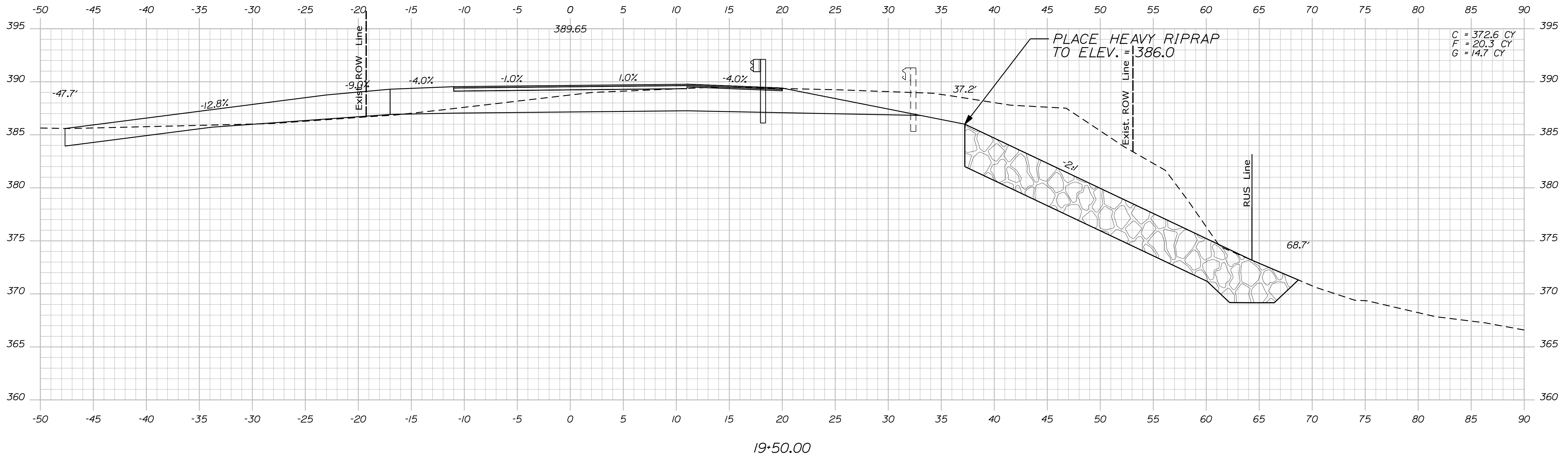
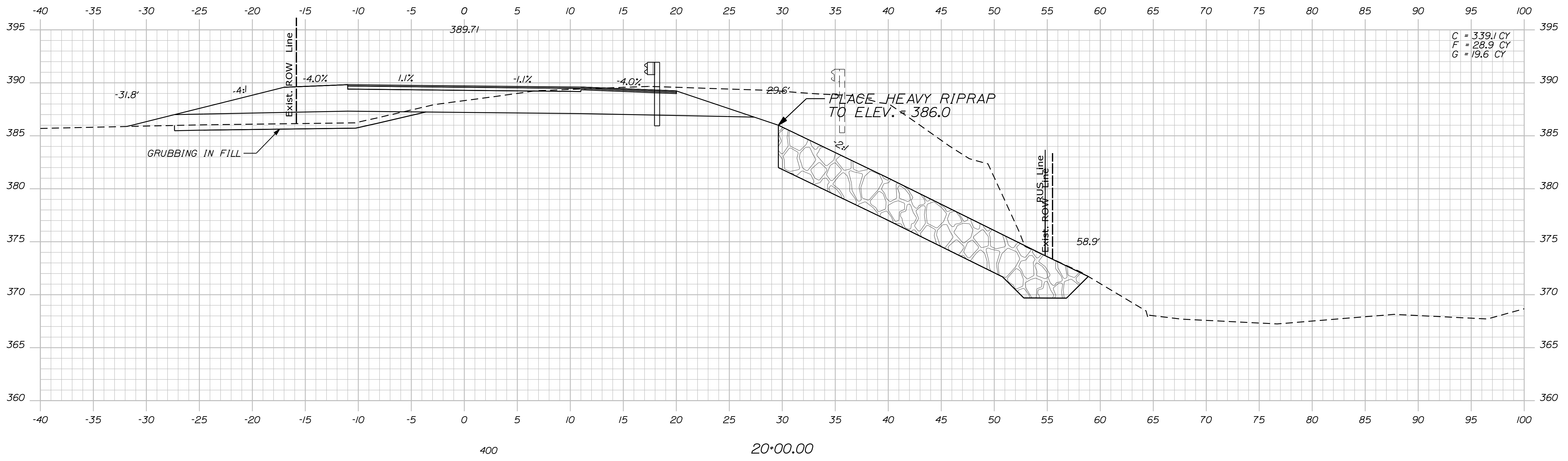
OF 35

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
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WIN
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HIGHWAY PLANS

SIGNATURE
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DATE

PROJ. MANAGER	BY	DATE
R. MOUTON	D. PRIDE	JULY 2020
CHECKED/REVIEWED	T. WHITE	DEC 2019
DESIGN/DETAILED	C. RUSSELL	
REVISIONS 1		
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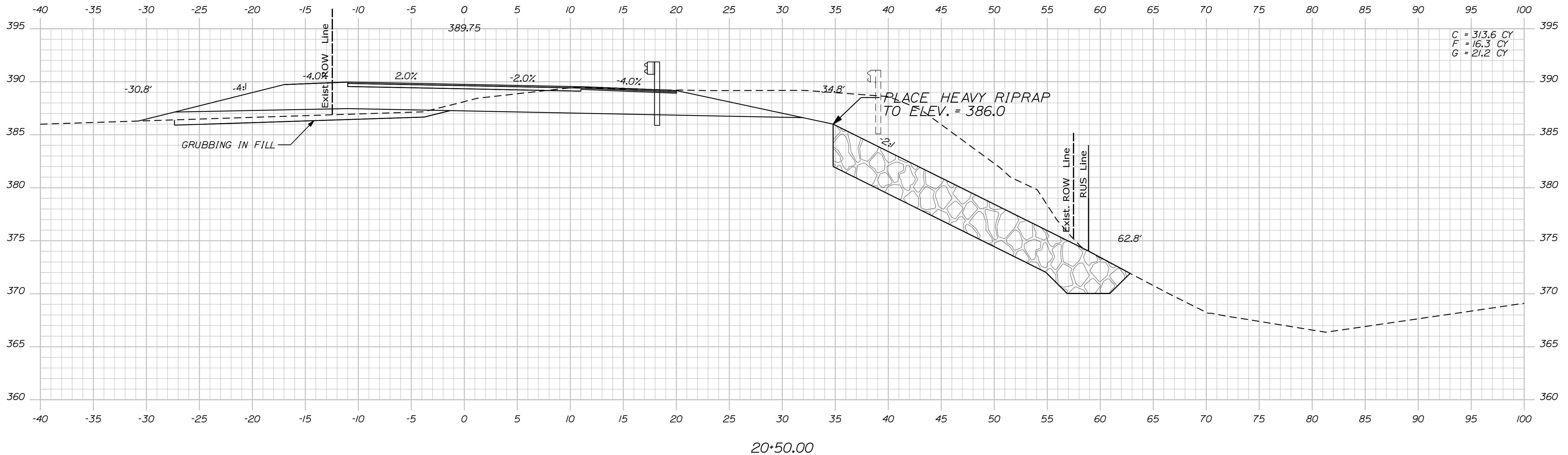
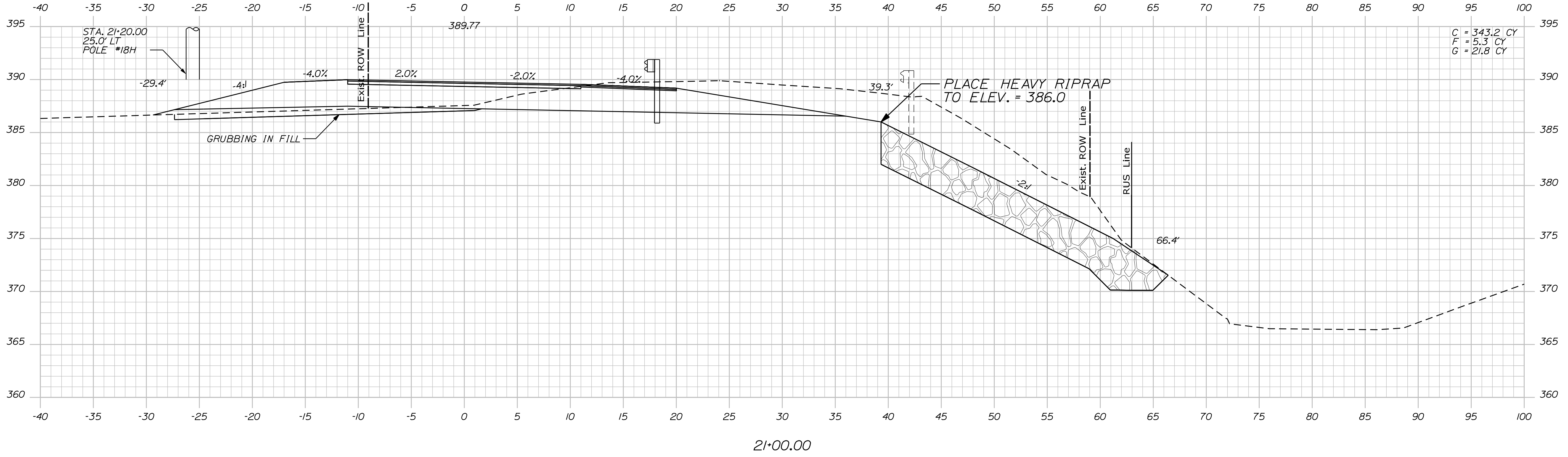
CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER
17
OF 35

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY
Filename: ... \MSTAO18_XSECT_20+50_008.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
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WIN
24083.00
HIGHWAY PLANS

PROJ. MANAGER	R. Moulton	BY		DATE	
DESIGN-DETAILED	D. Pride	CHECKED-REVIEWED	T. White	JULY 2020	SIGNATURE
DESIGNS-DETAILED	C. Russell	DESIGNS-DETAILED		DEC 2019	P.E. NUMBER
REVISIONS 1		REVISIONS 1			DATE
REVISIONS 2		REVISIONS 2			
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FIELD CHANGES					

CANTON
ROUTE 140
CROSS SECTIONS

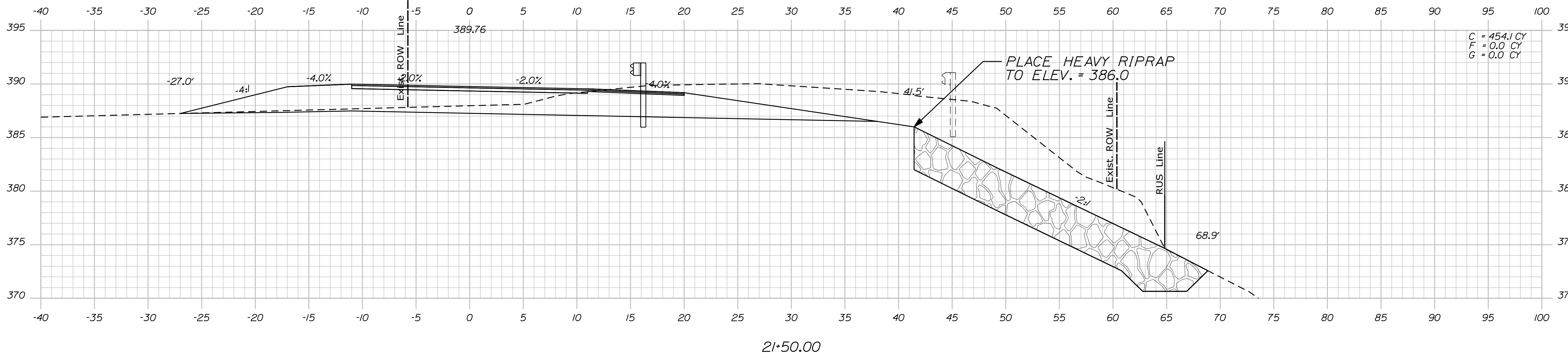
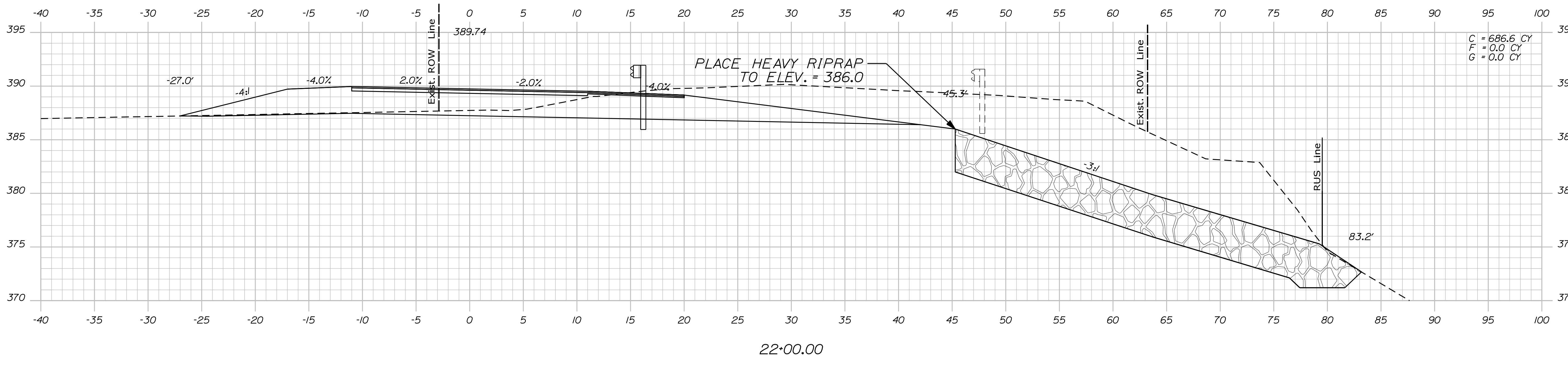
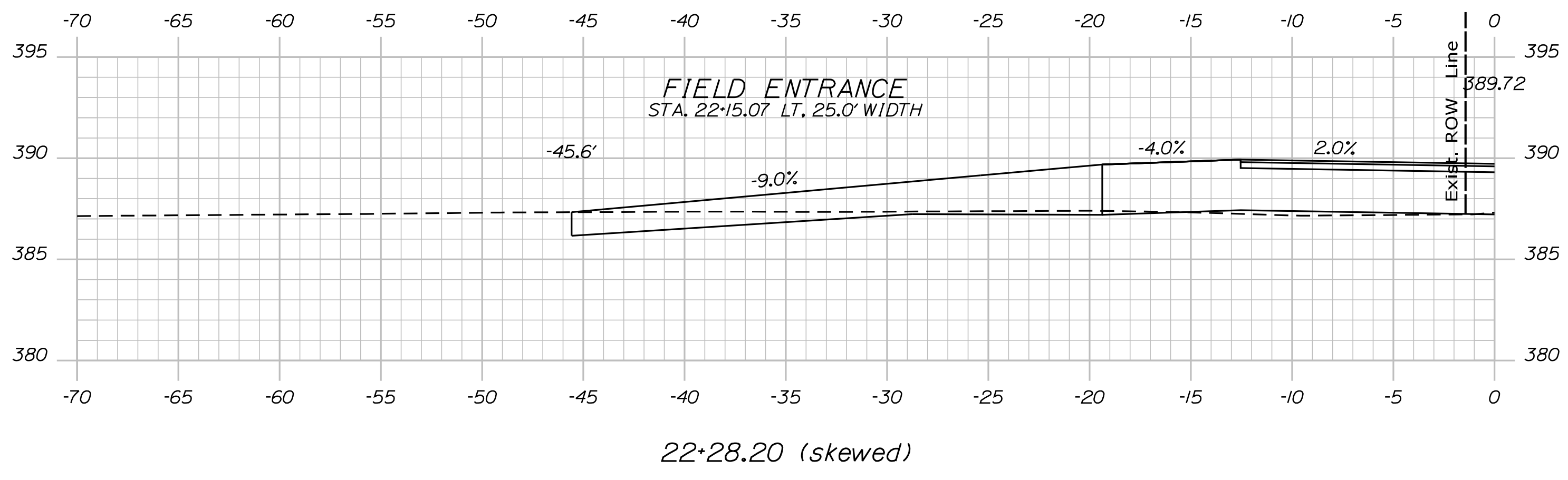
SHEET NUMBER
18
OF 35

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

Filename: ... \MSTAO19_XSECT_21+50_009.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
24083.00
WIN
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HIGHWAY PLANS

DESIGNED BY	R. MOUTON
CHECKED BY	D. PRIDE
DESIGNED DATE	JULY 2020
CHECKED DATE	DEC 2019
DESIGNED BY	C. RUSSELL
CHECKED BY	T. WHITE
DESIGNED DATE	
CHECKED DATE	
REVISIONS 1	
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FIELD CHANGES	
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PROJ. MANAGER	R. MOUTON
DESIGNED BY	D. PRIDE
CHECKED BY	C. RUSSELL
DESIGNED DATE	JULY 2020
CHECKED DATE	DEC 2019
DESIGNED BY	C. RUSSELL
CHECKED BY	T. WHITE
DESIGNED DATE	
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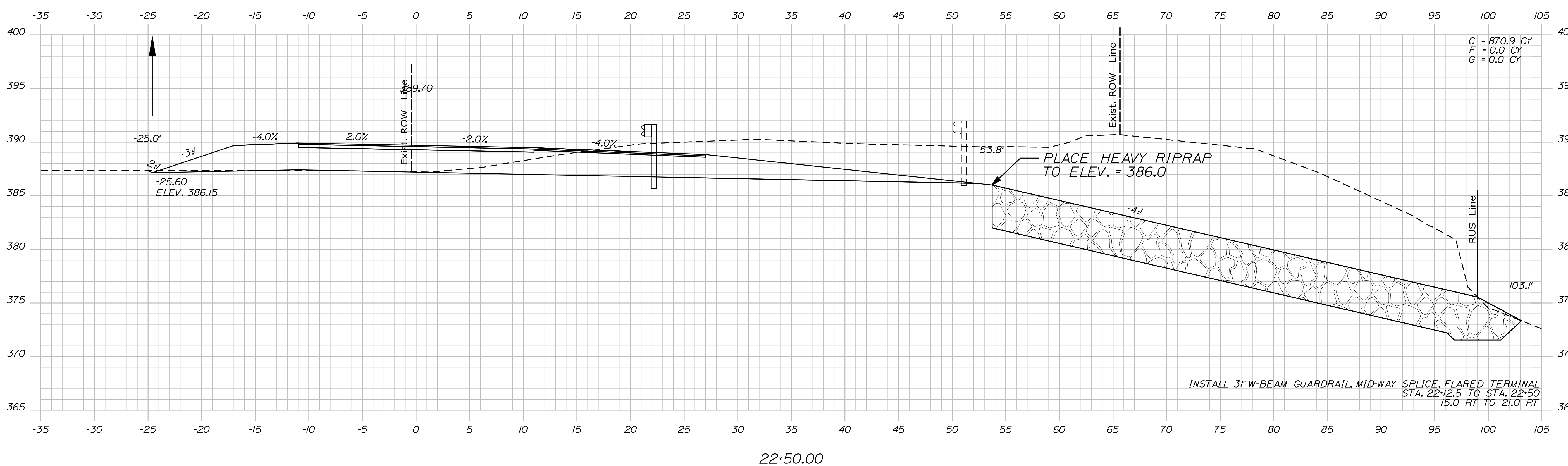
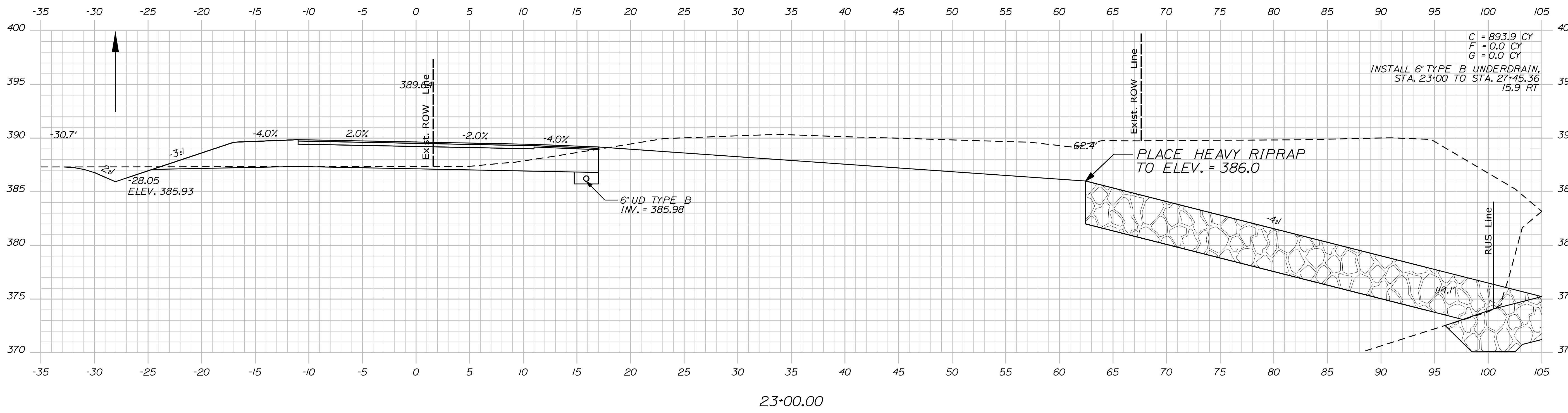
CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER
19
OF 35

Date: 8/25/2020

Username: Dana.Pride

Filename: ... \MSTA\020_XSECT_22+50_010.dgn Division: HIGHWAY



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
24083.00
WIN
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HIGHWAY PLANS

PROJ. MANAGER	R. MOULTON	BY	DATE
CHECKED/REVIEWED	D. PRIDE		JULY 2020
DESIGNED/DETAILED	C. RUSSELL		DEC 2019
DESIGNED/DETAILED			
REVISIONS 1			
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CANTON
ROUTE 140
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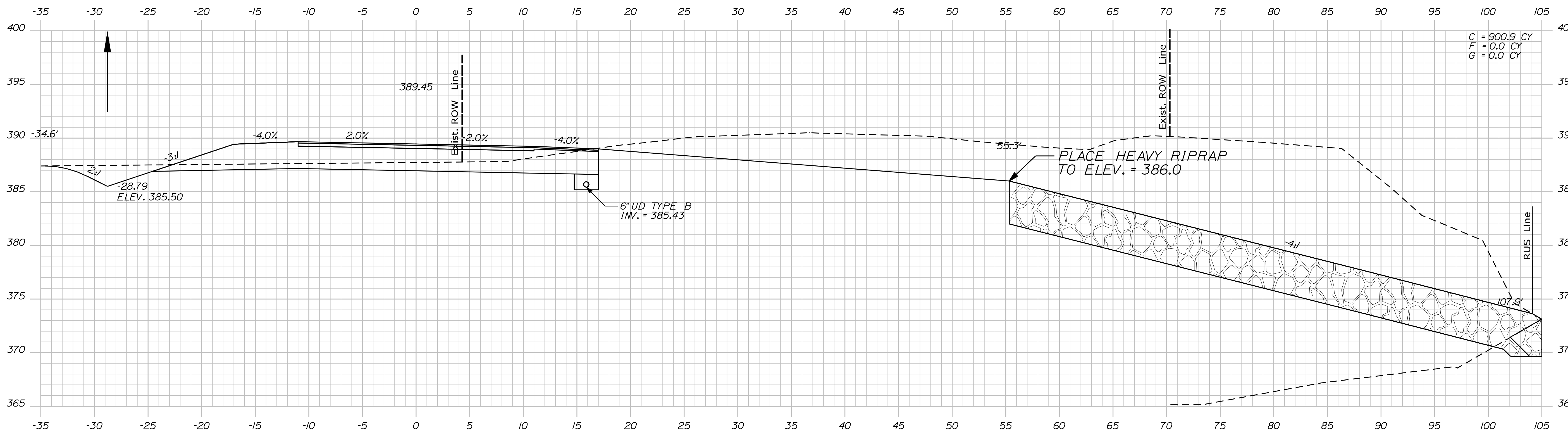
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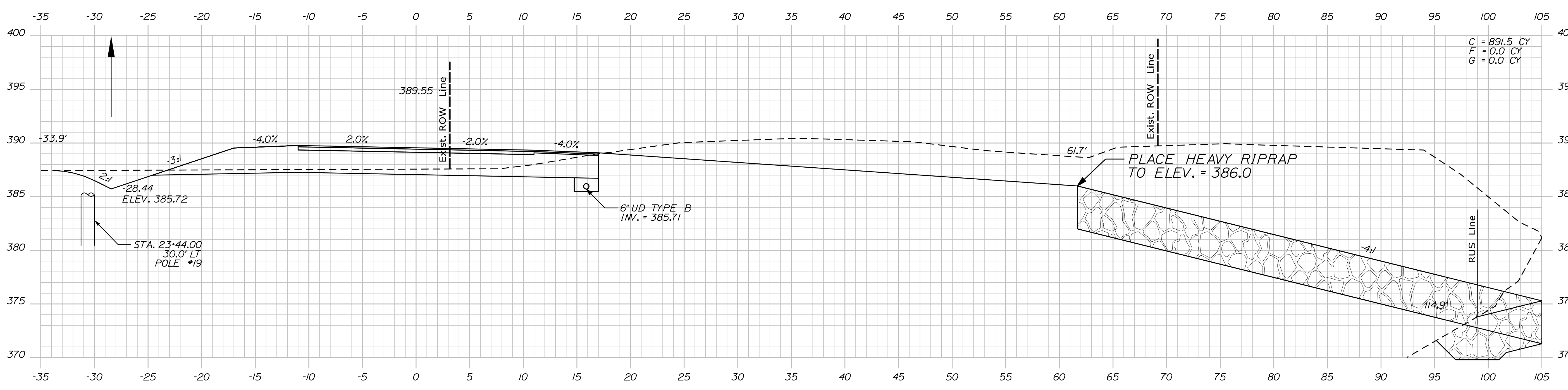
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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
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HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
R. Moulton	D. Pride	JULY 2020			
	T. White	DEC 2019			
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DESIGN DETAILED					
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FIELD CHANGES					

CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER
21
OF 35

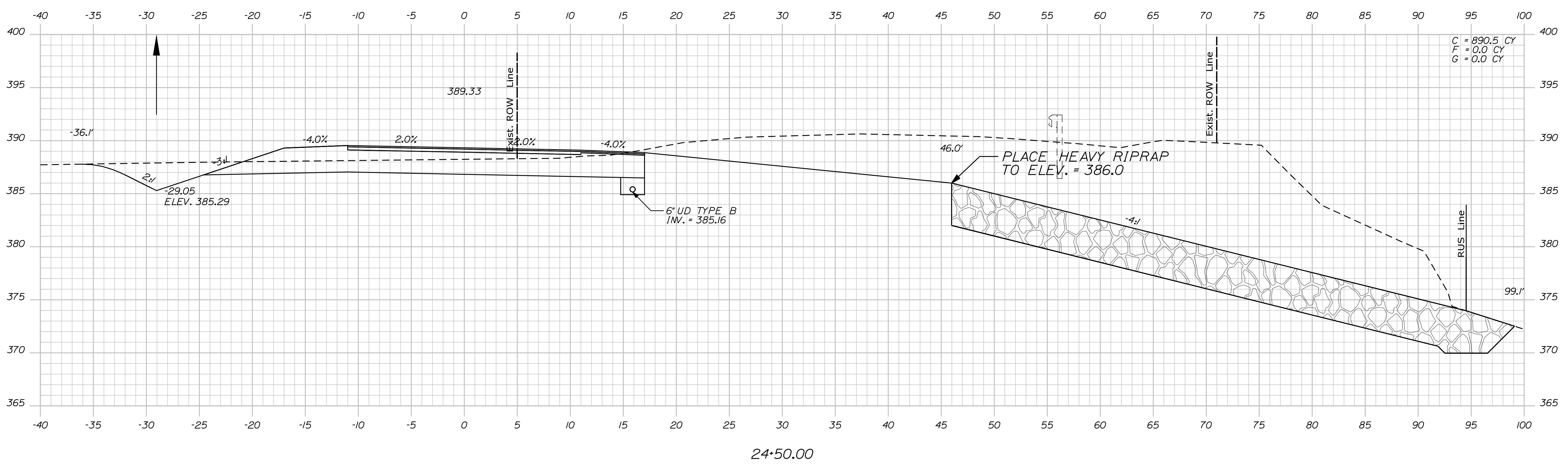
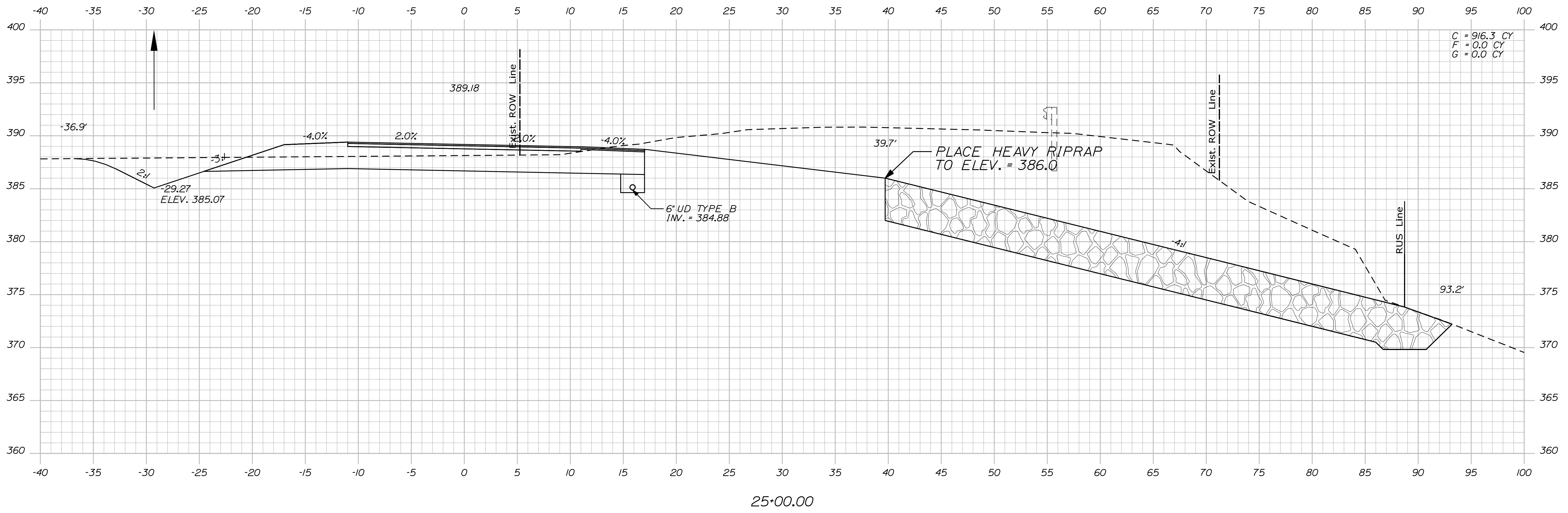
Sta. 23+50.00 to Sta. 24+00.00

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

Filename: ... \MSTAD022_XSECT_24+50_012.dgn



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 24083.00
 WIN
 24083.00
 HIGHWAY PLANS

DESIGN DETAILED: JULY 2020
 CHECKED/REVIEWED: D. PRIDE
 DESIGN DETAILED: C. RUSSELL
 SIGNATURE: T. WHITE
 P.E. NUMBER: _____
 DATE: _____

PROJ. MANAGER	BY	DATE
R. Moulton	D. Pride	JULY 2020
CHECKED/REVIEWED	DESIGN DETAILED	DESIGN DETAILED
D. PRIDE	C. RUSSELL	T. WHITE
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	FIELD CHANGES	

CANTON
 ROUTE 140
 CROSS SECTIONS

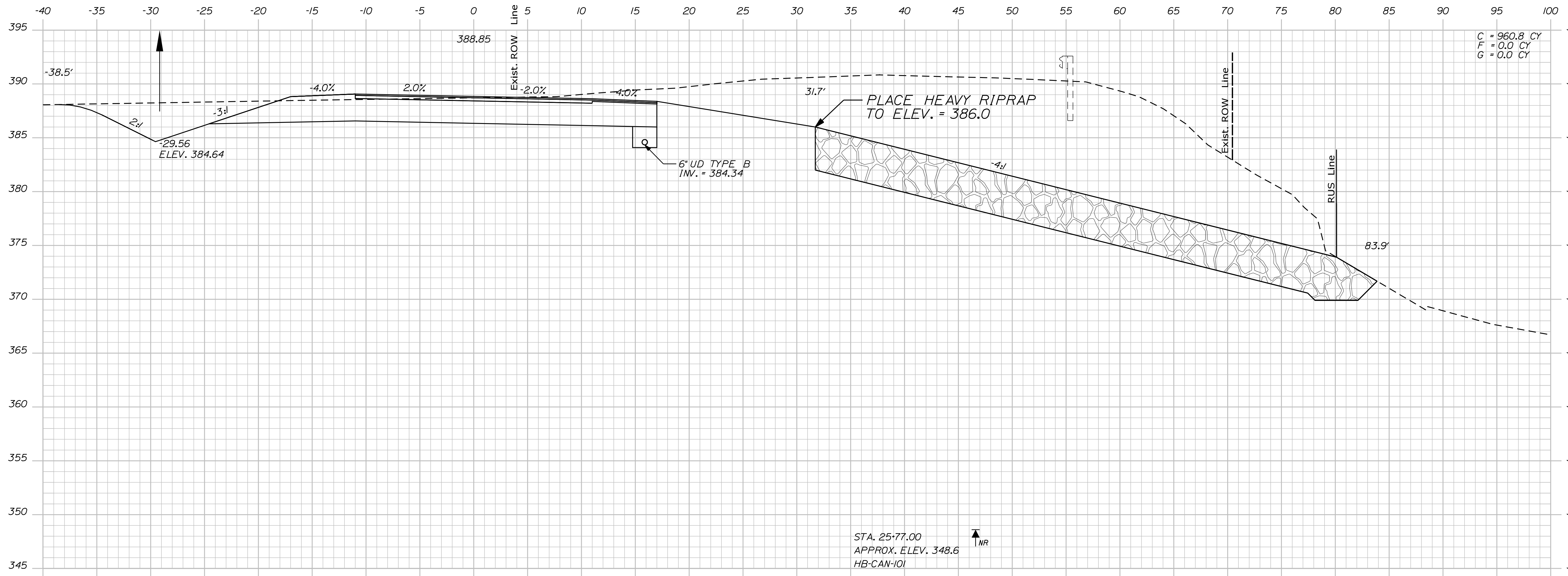
SHEET NUMBER
 22
 OF 35

Date: 8/25/2020

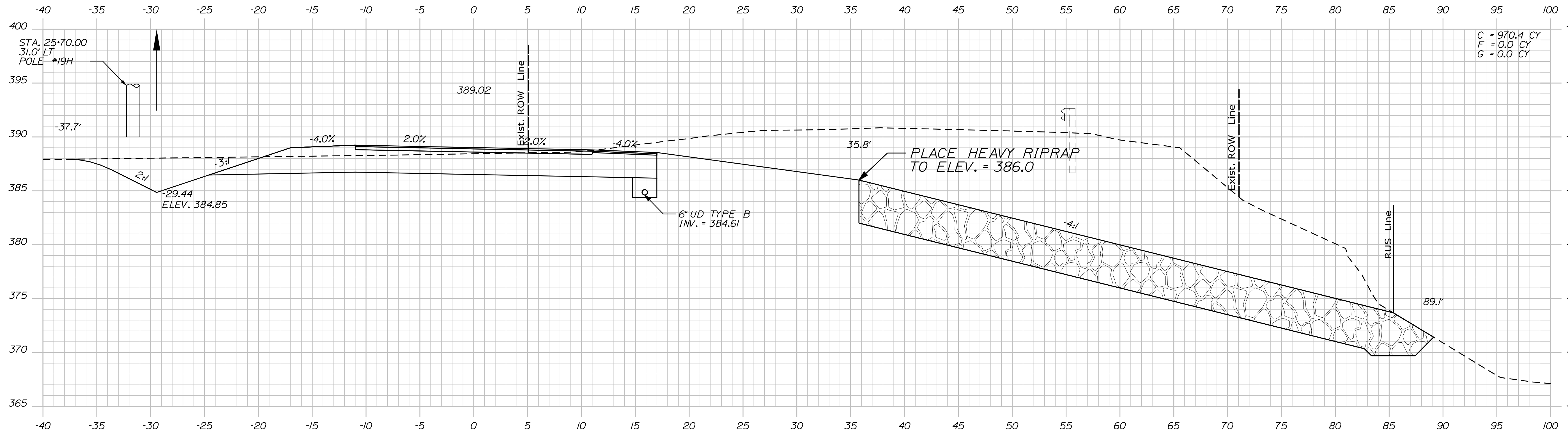
Username: Dana.Pride

Division: HIGHWAY

Filename: ... \MSTAD023_XSECT_25+50_013.dgn



26+00.00



25+50.00

C = 960.8 CY
F = 0.0 CY
G = 0.0 CY

C = 970.4 CY
F = 0.0 CY
G = 0.0 CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJ. MANAGER	R. MOULTON	BY		DATE	
CHECKED/REVIEWED	D. PRIDE			JULY 2020	SIGNATURE
DESIGNS DET/TAILED	C. RUSSELL			DEC 2019	P.E. NUMBER
DESIGNS DET/TAILED					DATE
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER
23
OF 35

24083.00

WIN

24083.00

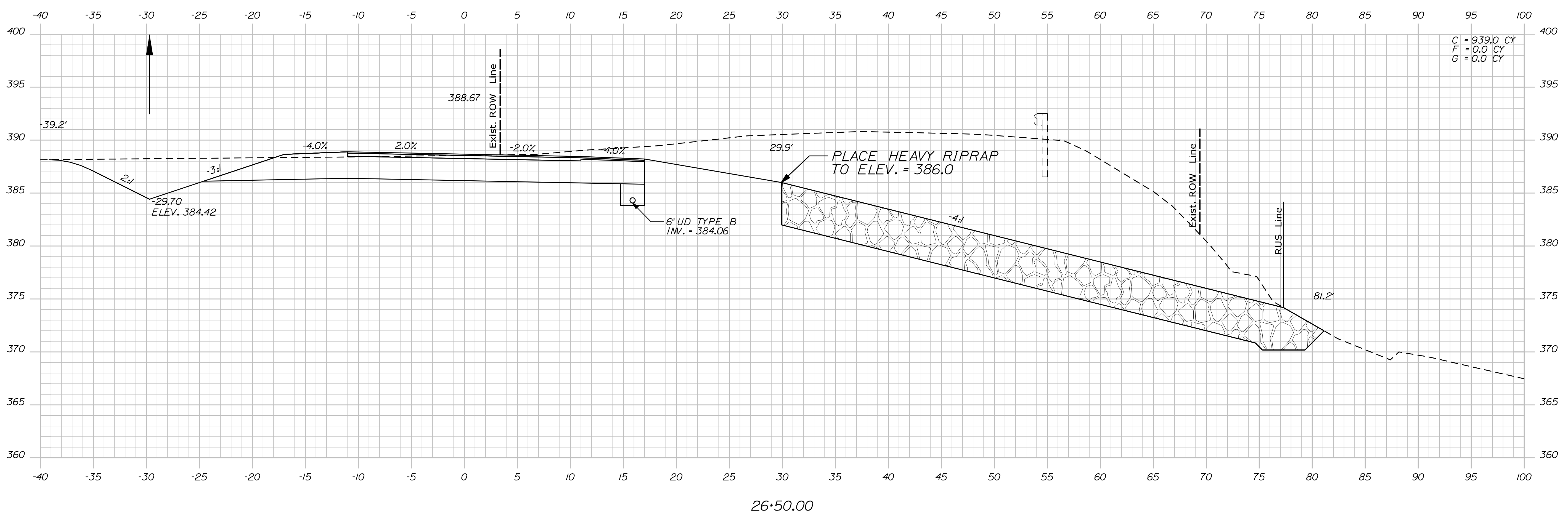
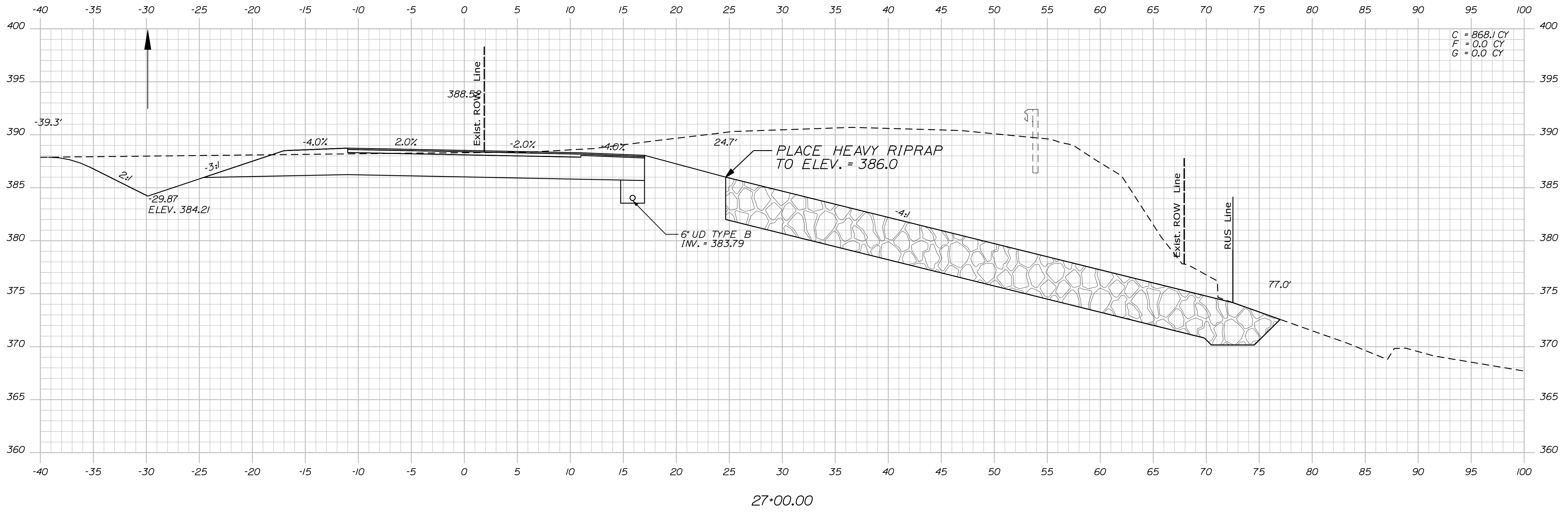
HIGHWAY PLANS

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

Filename: ... \MSTAD024_XSECT_26+50_014.dgn



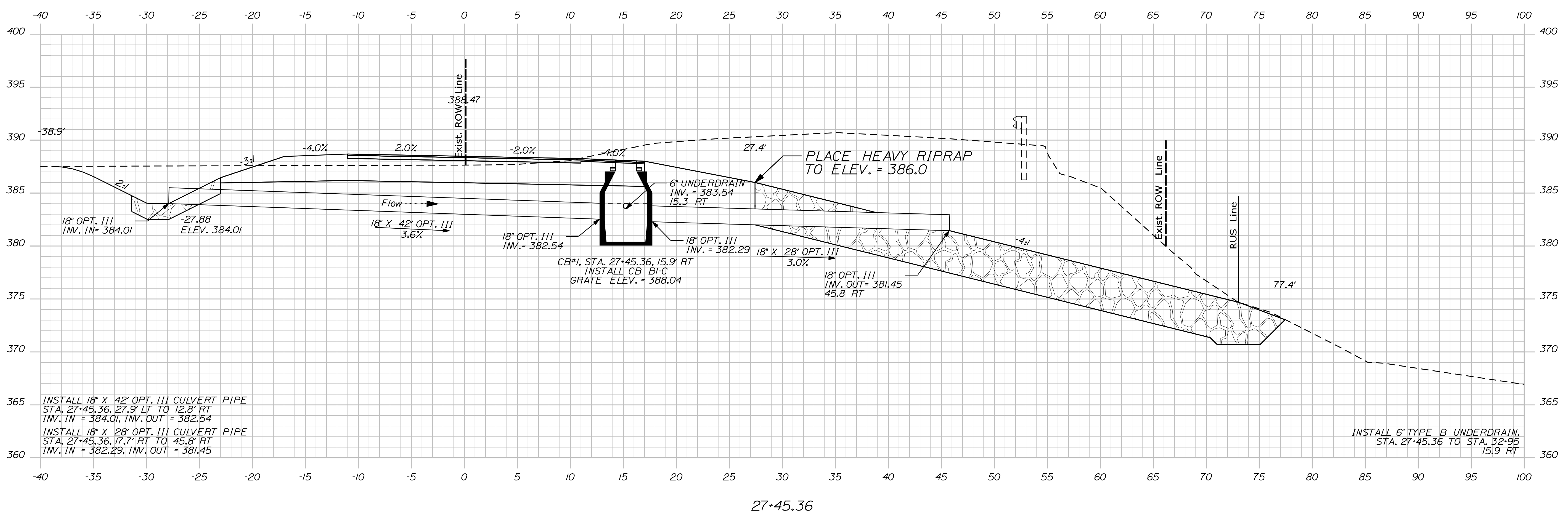
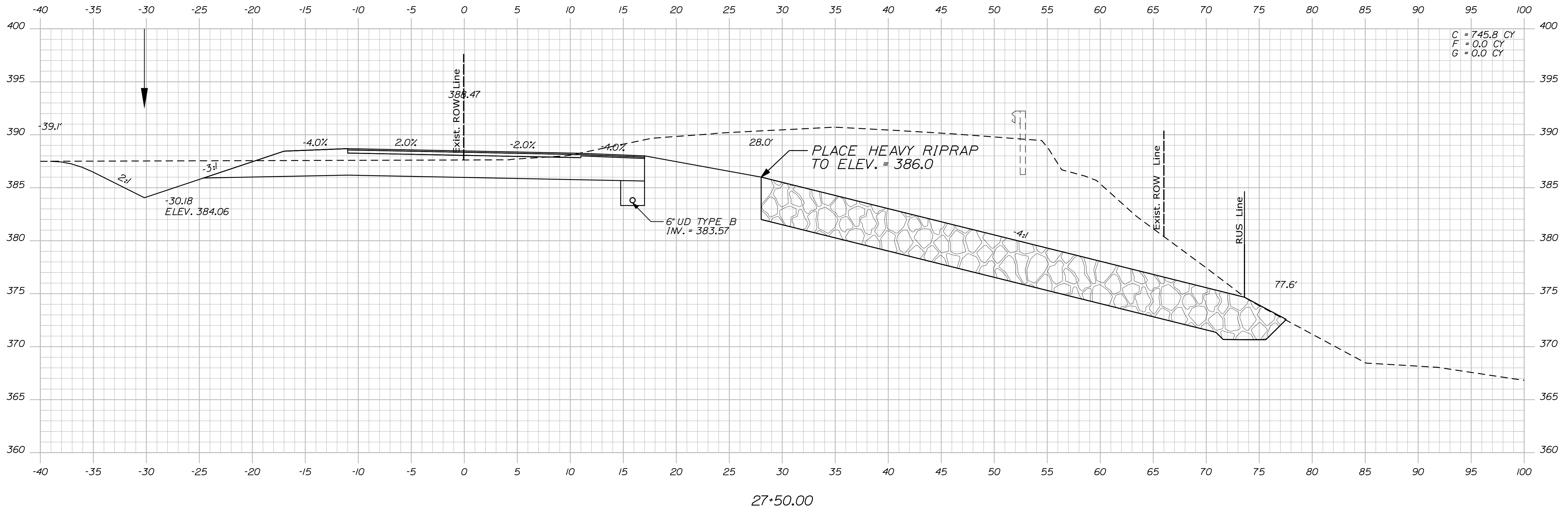
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
24083.00
WIN
24083.00
HIGHWAY PLANS

DESIGN-DETAILED: D. PRIDE
CHECKED-REVIEWED: T. WHITE
DESIGN-DETAILED: C. RUSSELL
SIGNATURE: _____
P.E. NUMBER: _____
DATE: _____

PROJ. MANAGER	BY	DATE
R. MOUTON	T. WHITE	DEC 2019
DESIGN-DETAILED	C. RUSSELL	JULY 2020
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER
24
OF 35



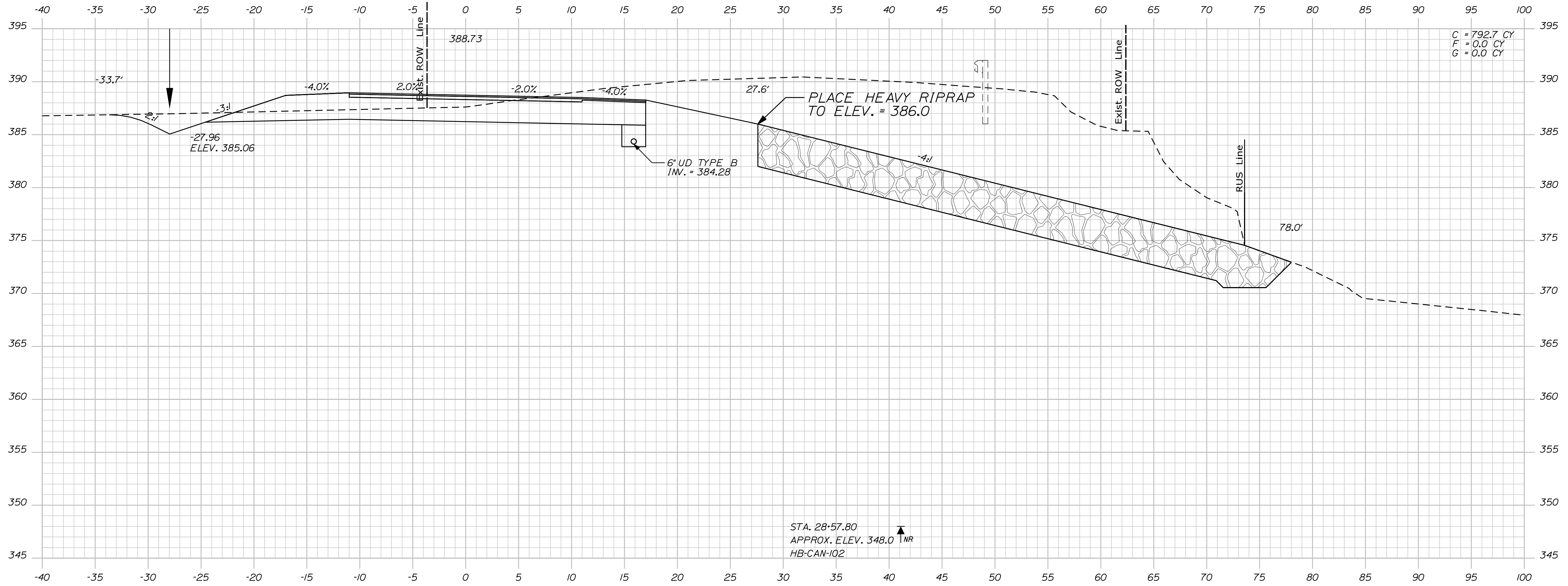
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		24083.00	WIN 24083.00	HIGHWAY PLANS
PROJ. MANAGER	R. MOUTON	DATE	BY	DATE
DESIGN-DETAILED	D. PRIDE	JULY 2020	T. WHITE	SIGNATURE
CHECKED-REVIEWED	C. RUSSELL	DEC 2019		P.E. NUMBER
DESIGN-DETAILED				DATE
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				
CANTON ROUTE 140 CROSS SECTIONS				
SHEET NUMBER 25 OF 35				

Date: 8/25/2020

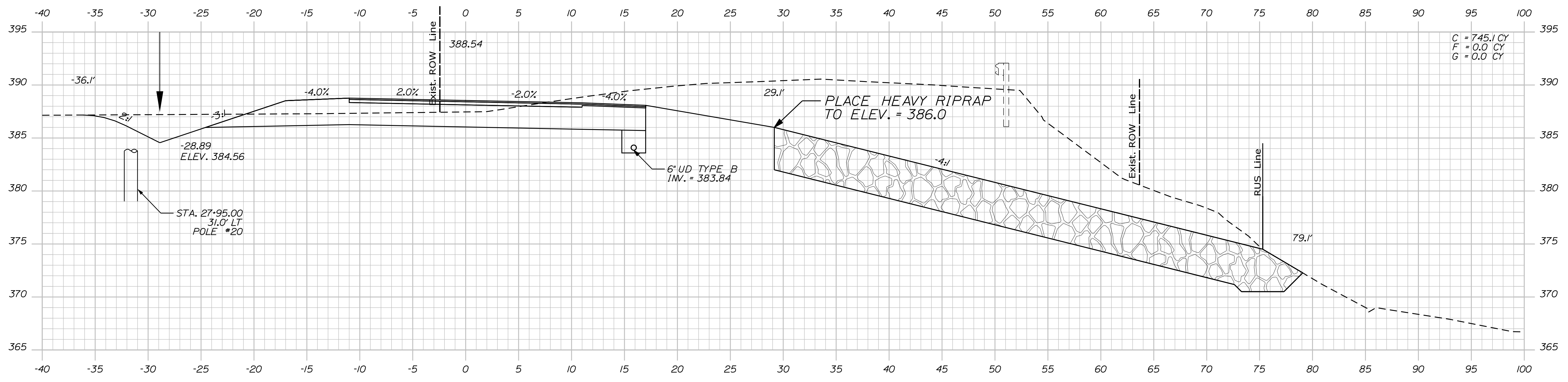
Username: Dana.Pride

Division: HIGHWAY

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28+50.00



28+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

24083.00
WIN
24083.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
R. MOULTON	D. PRIDE	JULY 2020
CHECKED/REVIEWED	T. WHITE	DEC 2019
DESIGN/DETAILED	C. RUSSELL	
DESIGNS/DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

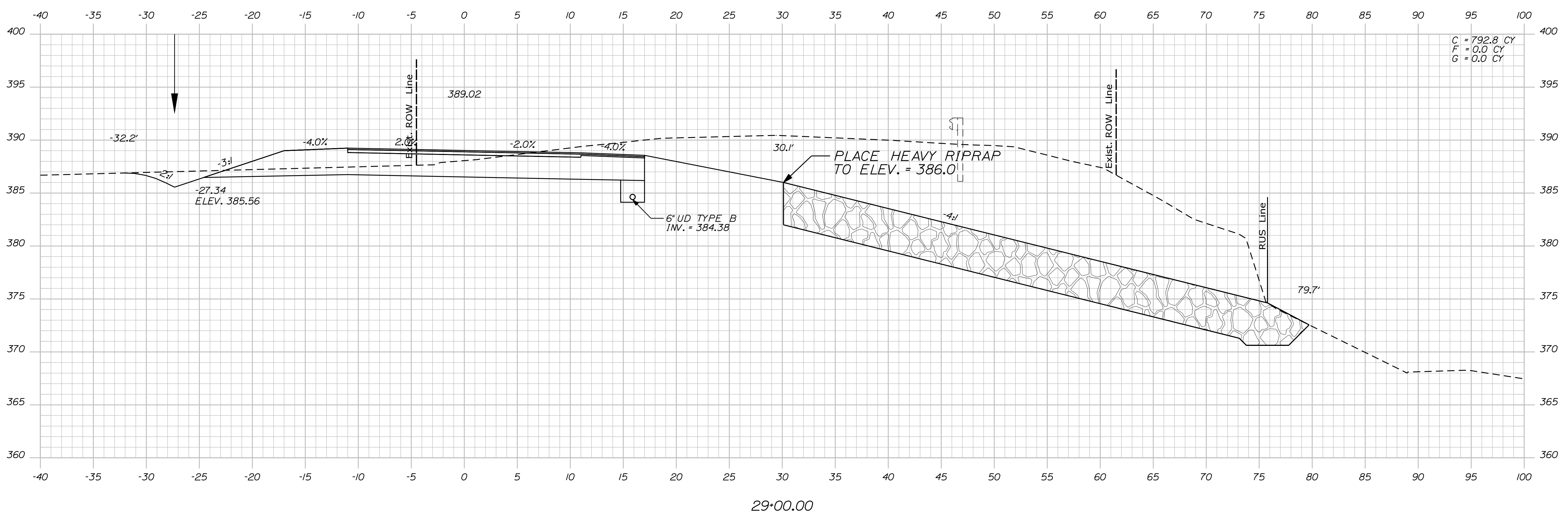
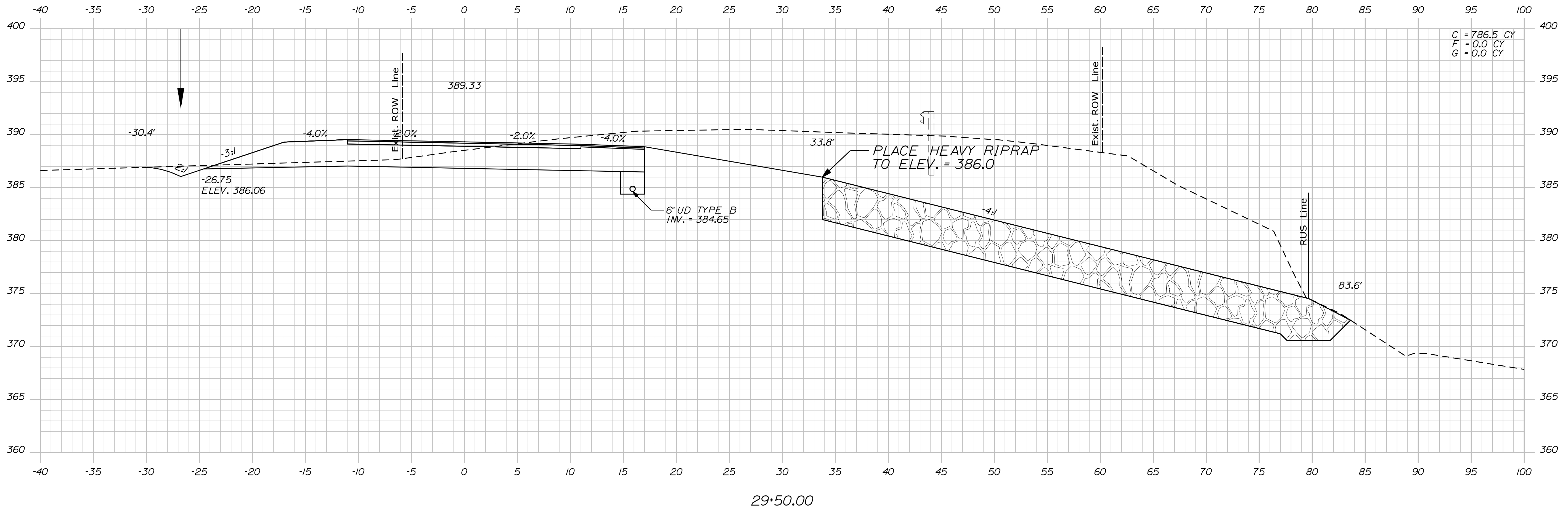
CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER
26
OF 35

Date: 8/25/2020

Username: Dana.Pride

Filename: ... \MSTAD027_XSECT_29-00_017.dgn Division: HIGHWAY



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

24083.00
WIN
24083.00
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
R. MOUTON	JULY 2020	D. PRIDE	DEC 2019			
DESIGN DETAILED						
CHECKED/REVIEWED						
DESIGN DETAILED		T. WHITE				
DESIGN DETAILED		C. RUSSELL				
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

CANTON
ROUTE 140
CROSS SECTIONS

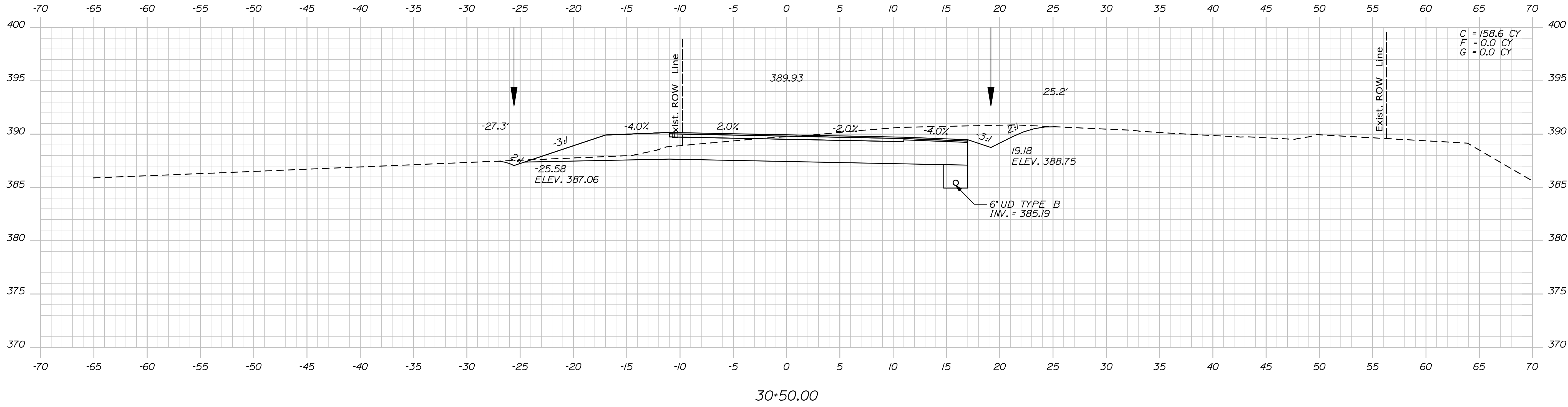
SHEET NUMBER
27
OF 35

Date: 8/25/2020

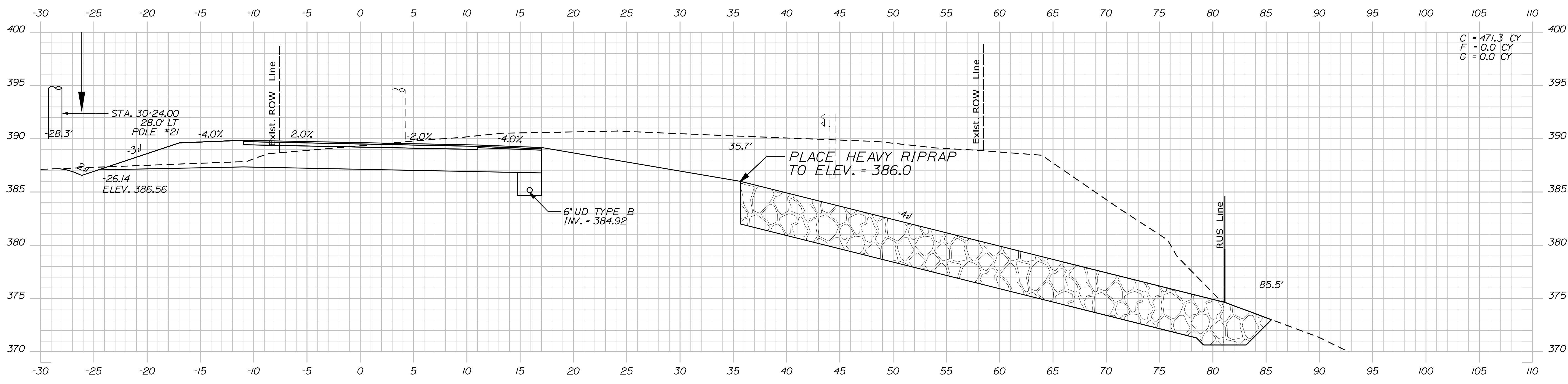
Username: Dana.Pride

Division: HIGHWAY

Filename: ... \MSTA\028_XSECT_30+00_018.dgn



30+50.00



30+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

24083.00

WIN

HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
R. Moulton	D. Pride	JULY 2020			
DESIGNED	T. White	DEC 2019			
CHECKED					
DESIGNED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER

28

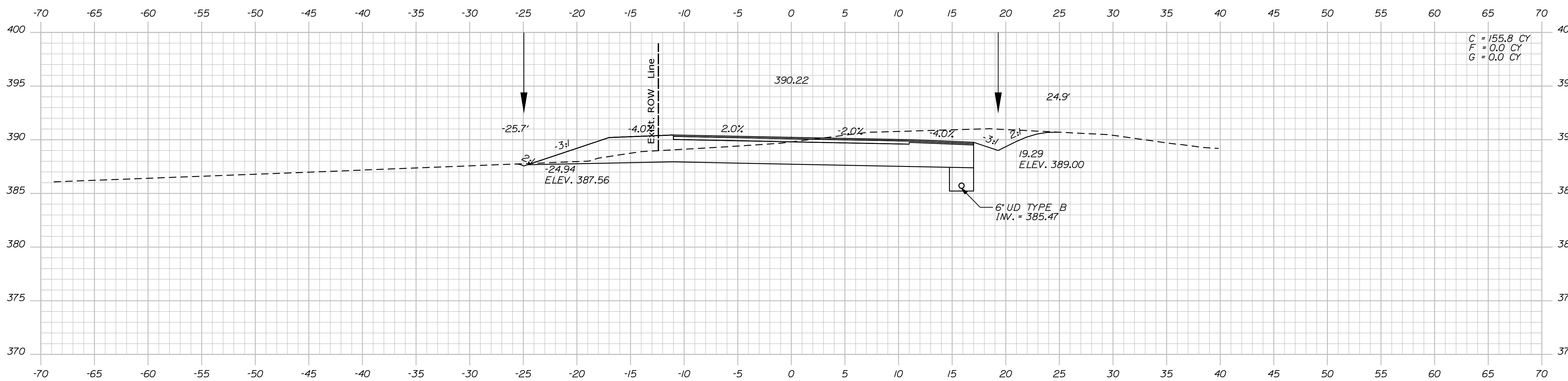
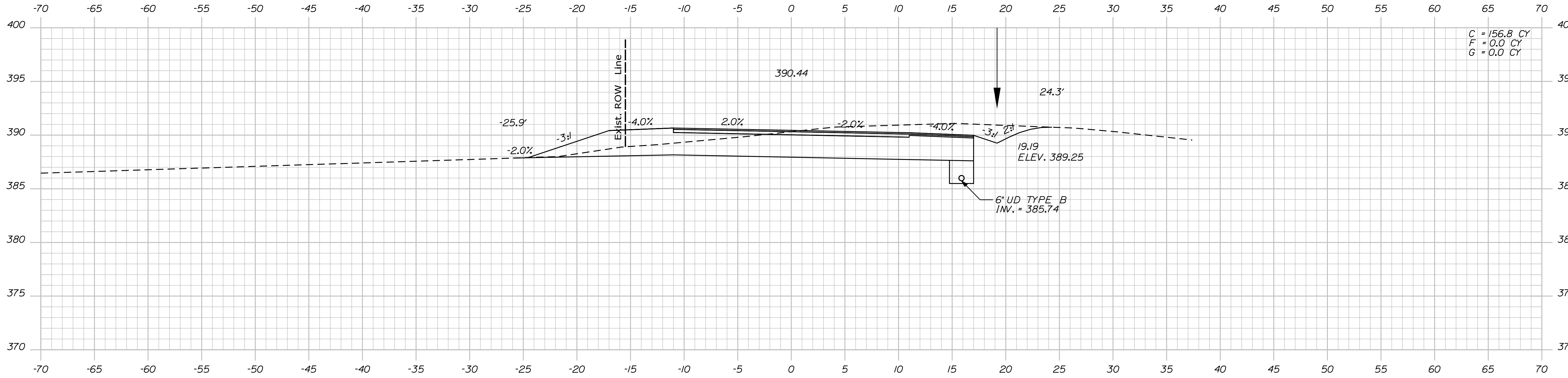
OF 35

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

Filename: ... \MSTAD029_XSECT_31+00_019.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

24083.00

WIN
24083.00

HIGHWAY PLANS

DATE
JULY 2020
DEC 2019

BY
D. PRIDE
T. WHITE

PROJ. MANAGER
R. MOULTON

CHECKED-REVIEWED
D. PRIDE
C. RUSSELL

DESIGN-DETAILED
C. RUSSELL

DESIGNS-DETAILED
C. RUSSELL

REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4

FIELD CHANGES

SIGNATURE

P.E. NUMBER

DATE

CANTON
ROUTE 140

CROSS SECTIONS

SHEET NUMBER

29

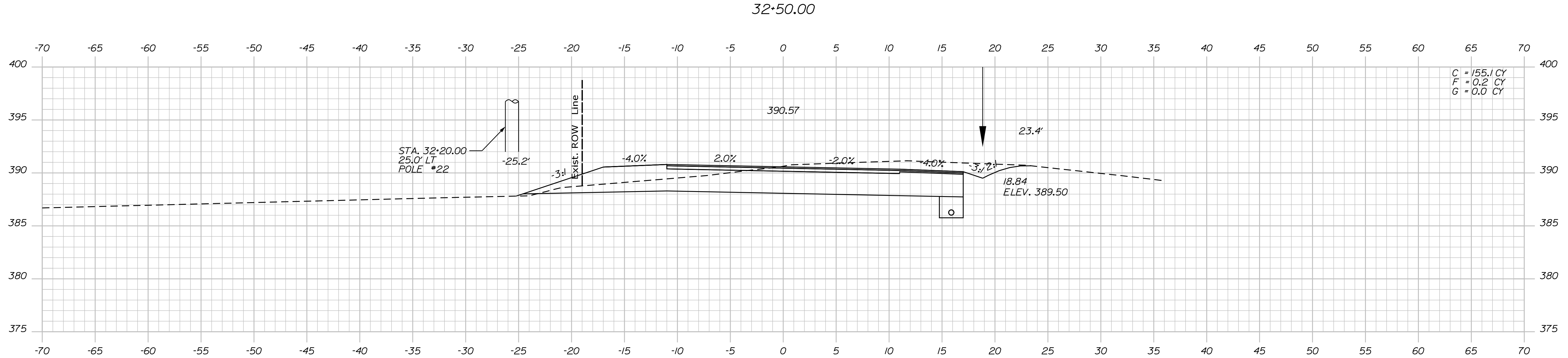
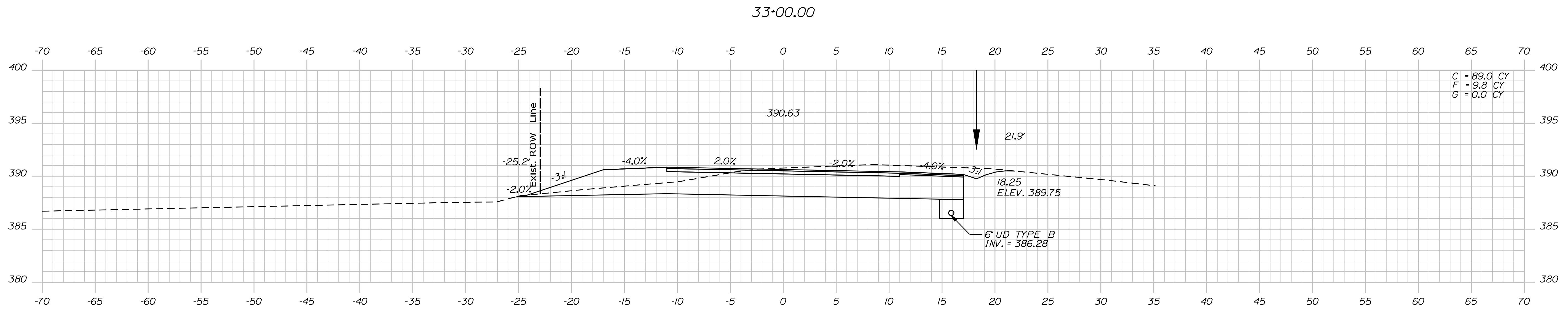
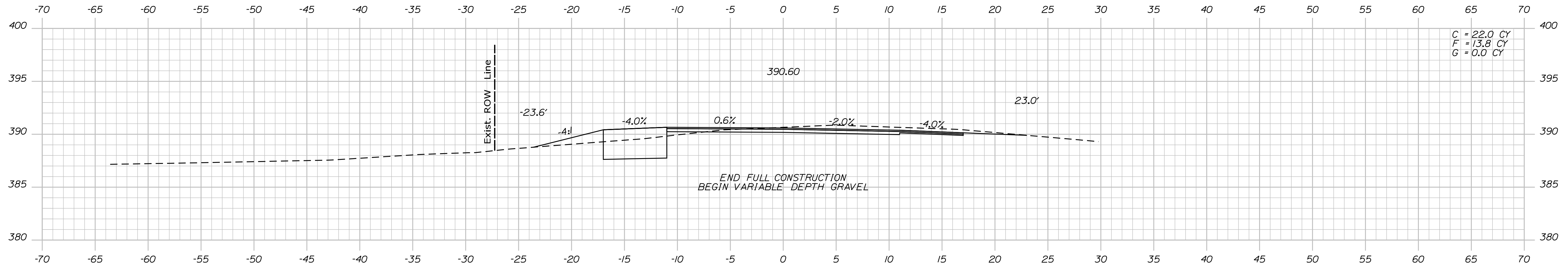
OF 35

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

Filename: ... \MST\A030_XSECT_32+00_020.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
24083.00

WIN
24083.00
HIGHWAY PLANS

PROJ. MANAGER	R. MOUTON	BY	DATE
CHECKED-REVIEWED	D. PRIDE	T. WHITE	JULY 2020
DESIGN-REVIEWED	C. RUSSELL		DEC 2019
DESIGN-DATE			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CANTON
ROUTE 140
CROSS SECTIONS

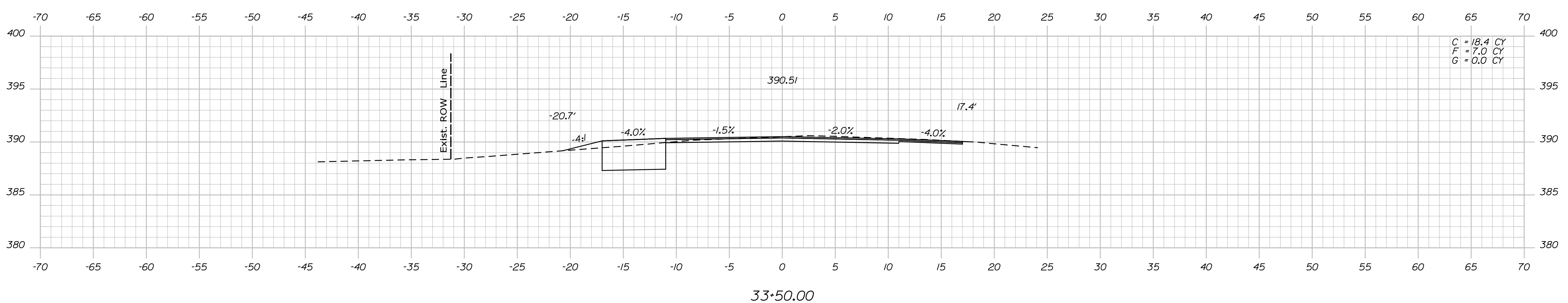
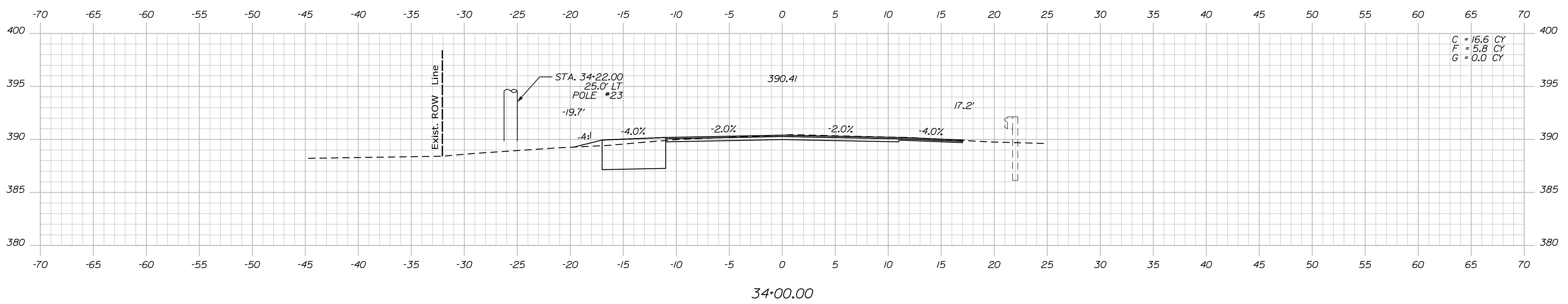
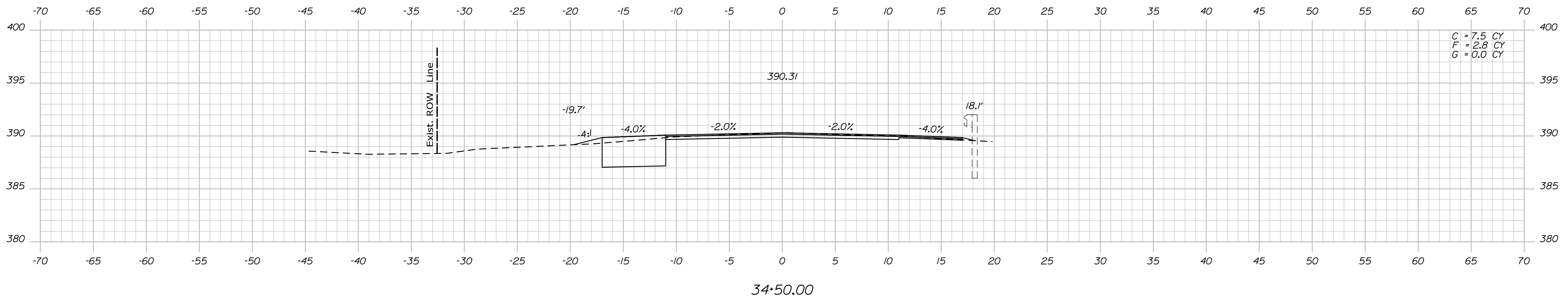
SHEET NUMBER
30
OF 35

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

Filename: ... \MSTA031_XSECT_33+50_021.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
24083.00
WIN
24083.00
HIGHWAY PLANS

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

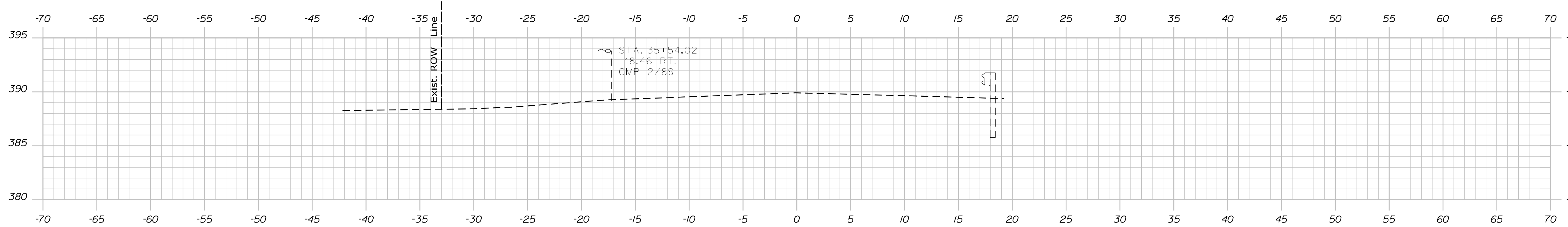
DATE
JULY 2020
DEC 2019

SIGNATURE
P.E. NUMBER
DATE

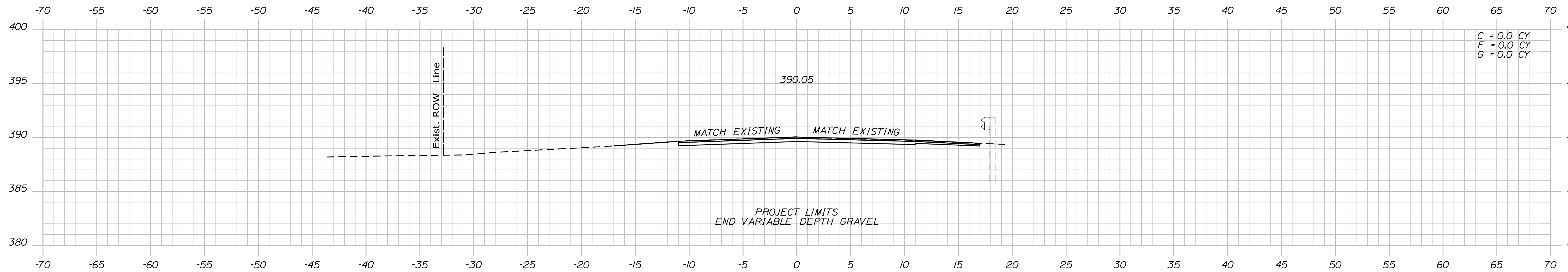
PROJ. MANAGER
R. MOULTON
D. PRIDE
C. RUSSELL
T. WHITE

CANTON
ROUTE 140
CROSS SECTIONS

SHEET NUMBER
31
OF 35



35+50.00



35+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

24083.00

WIN

24083.00
HIGHWAY PLANS

DATE
JULY 2020
SIGNATURE

DATE
DEC 2019

BY
T. WHITE

BY
D. PRIDE

PROJ. MANAGER
R. MOUTON

DESIGN-DETAILED
D. PRIDE

CHECKED-REVIEWED
C. RUSSELL

DESIGN-DETAILED
C. RUSSELL

DESIGN-DETAILED
C. RUSSELL

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

P.E. NUMBER

DATE

CANTON
ROUTE 140

CROSS SECTIONS

SHEET NUMBER

32

OF 35

Town, County, State _____
 Approx. Property Lines _____
 Existing Right of Way _____
 Limits of Wrought Portion _____
 Control Of Access _____
 New Right of Way _____
 New Easement _____
 New Temporary Rights _____
 New R/W Within Existing R/W _____

New R/W Along Existing R/W
 Building _____
 Trees Conifer _____
 Tree Line _____
 Water Edge _____
 Ledge _____
 Fence _____
 Sign _____

Clearing Limit Line _____
 Bush Line _____
 Rock/Boulder _____
 Barb Wire _____
 Stockade _____
 Well _____
 Mailbox _____

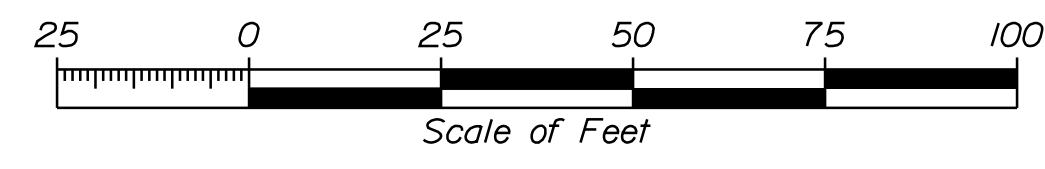
Sanitary Sewer _____
 Telephone Line _____
 Electric Line _____
 Water Line _____
 Underdrain Line _____
 Gas Line _____
 Guardrail _____
 Culvert _____

Traveled Way _____
 Ditch _____
 Catch Basin _____
 Manhole _____
 Sewer Manhole _____
 Utility Pole _____
 Fire Hydrant _____
 Curbing _____

Cut Line _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found _____
 Replacement Pin Set _____

Fill Line _____
 Retaining Wall _____
 Traverse Point _____
 Pipe Found _____

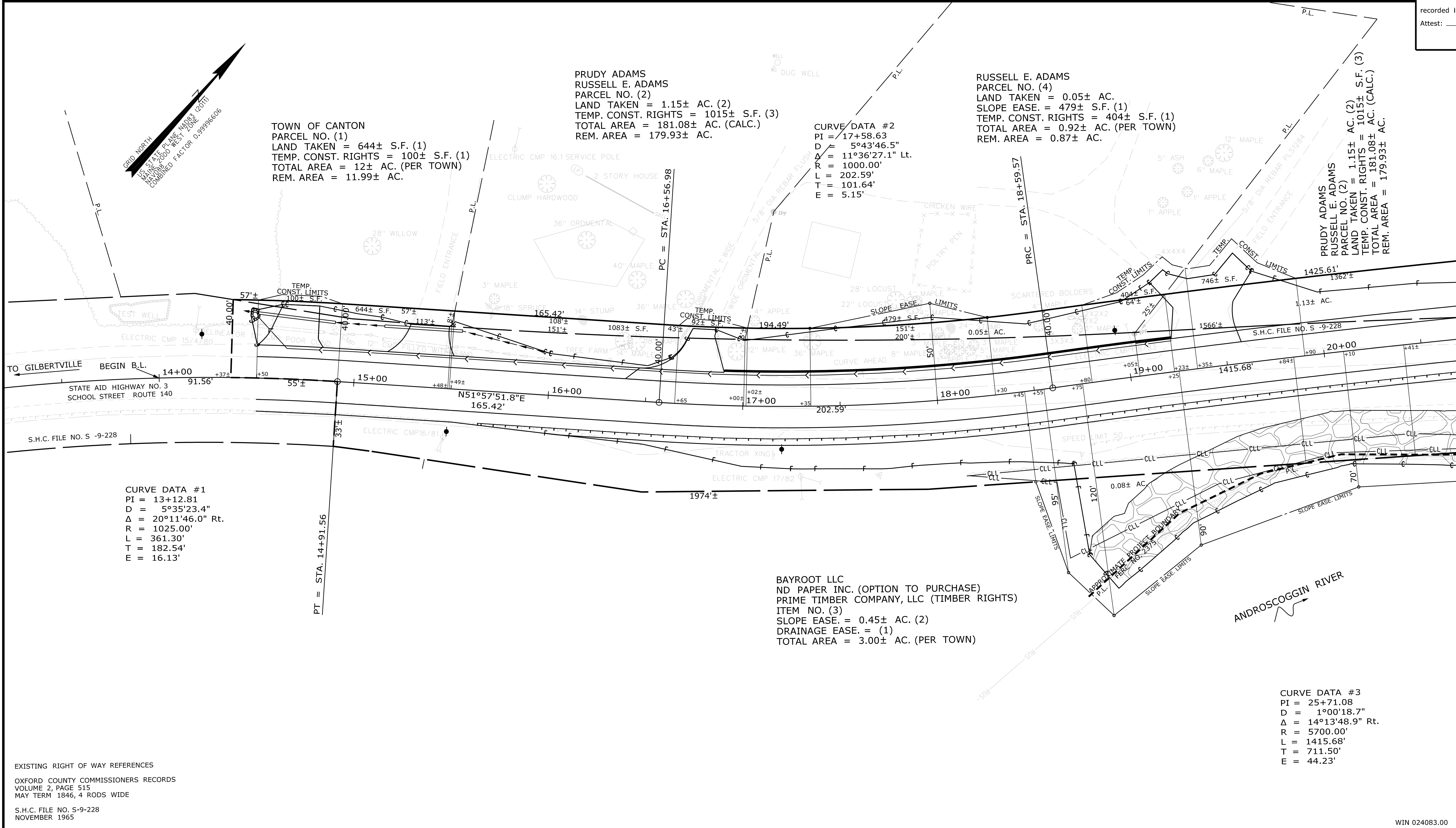
THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ADJACENT PROPERTY OWNERS.



STATE OF MAINE
 REGISTRY OF DEEDS

COUNTY _____
 RECEIVED _____,
 at _____ h _____ m _____ M and
 recorded in Plan Bk _____, Pg. _____
 Attest: _____
 REGISTER

Date: 8/25/2020
 Username: Dana.Pride
 Division: HIGHWAY
 Filename: ... \000\ROW\MSTA001_RWP\PLANT.dgn



CURVE DATA #1
 PI = 13+12.81
 D = 5°35'23.4"
 Δ = 20°11'46.0" Rt.
 R = 1025.00'
 L = 361.30'
 T = 182.54'
 E = 16.13'

CURVE DATA #2
 PI = 17+58.63
 D = 5°43'46.5"
 Δ = 11°36'27.1" Lt.
 R = 1000.00'
 L = 202.59'
 T = 101.64'
 E = 5.15'

CURVE DATA #3
 PI = 25+71.08
 D = 1°00'18.7"
 Δ = 14°13'48.9" Rt.
 R = 5700.00'
 L = 1415.68'
 T = 711.50'
 E = 44.23'

EXISTING RIGHT OF WAY REFERENCES
 OXFORD COUNTY COMMISSIONERS RECORDS
 VOLUME 2, PAGE 515
 MAY TERM 1846, 4 RODS WIDE
 S.H.C. FILE NO. S-9-228
 NOVEMBER 1965

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	PNS	
FINAL RIGHT OF WAY	PNS	
AREAS		

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

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

BRUCE A. VAN NOTE
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER
 DATE _____

STATE AID HIGHWAY NO. 3
 SCHOOL STREET ROUTE 140
 CANTON OXFORD COUNTY
 FEDERAL AID PROJECT NO. 2408300
 MAY 2020
 SCALE 1" = 25'

SHEET NUMBER
33
 OF 35

WIN 024083.00

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

Filename: ...\\001\ROW\MSTA\002_RWPLAN2.dgn

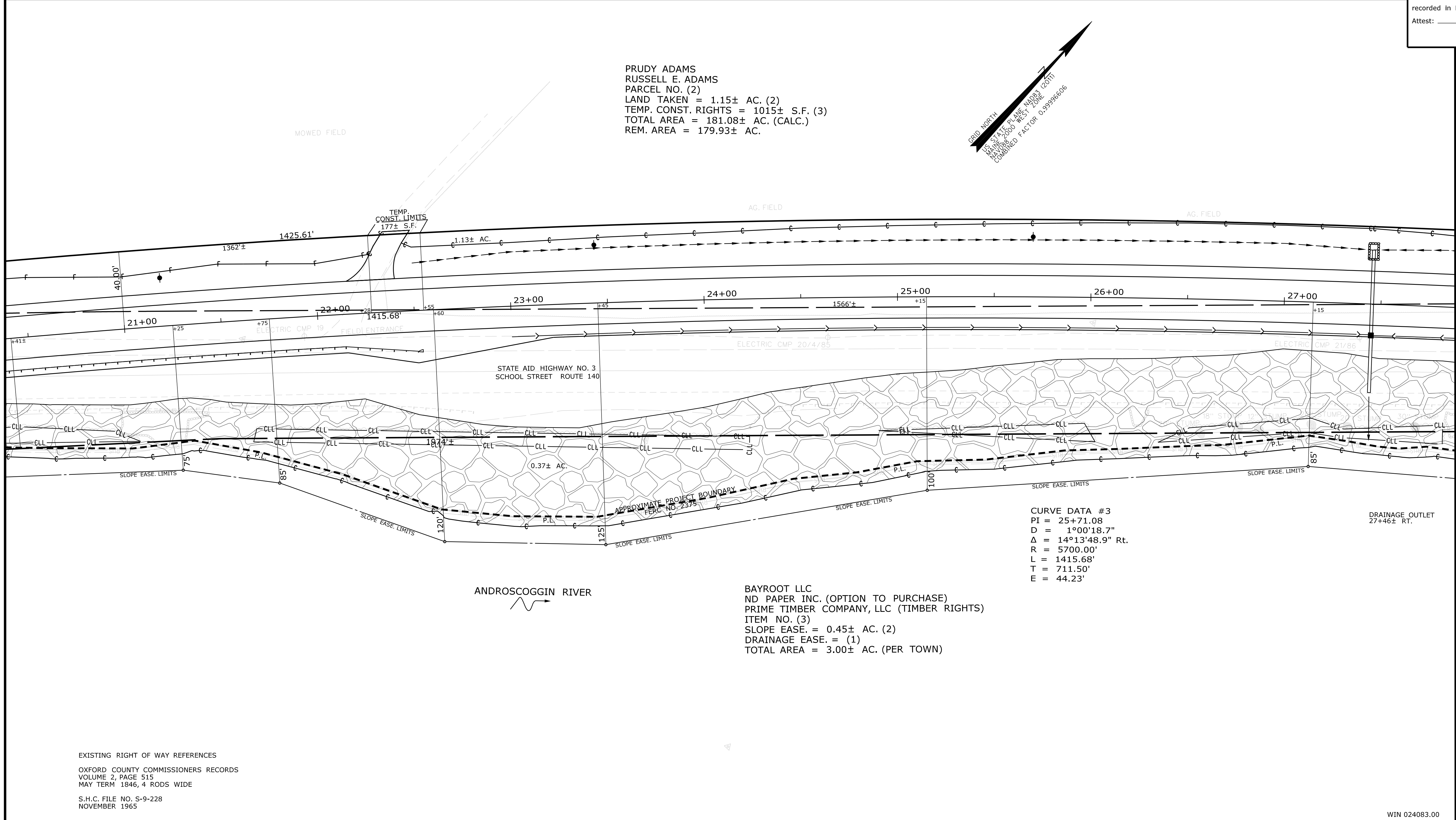
PLAN LEGEND	
Sanitary Sewer	Existing: Proposed:
Telephone Line	Existing: Proposed:
Electric Line	Existing: Proposed:
Water Line	Existing: Proposed:
Underdrain Line	Existing: Proposed:
Gas Line	Existing: Proposed:
Guardrail	Existing: Proposed:
Culvert	Existing: Proposed:
Traveled Way	Existing: Proposed:
Ditch	Existing: Proposed:
Catch Basin	Existing: Proposed:
Manhole	Existing: Proposed:
Sewer Manhole	Existing: Proposed:
Utility Pole	Existing: Proposed:
Fire Hydrant	Existing: Proposed:
Curbing	Existing: Proposed:
Cut Line	Existing: Proposed:
Stonewall	Existing: Proposed:
Baseline	Existing: Proposed:
Monument	Existing: Proposed:
Iron Rod Found	Existing: Proposed:
Replacement Pin Set	Existing: Proposed:
Fill Line	Existing: Proposed:
Retaining Wall	Existing: Proposed:
Traverse Point	Existing: Proposed:
Pipe Found	Existing: Proposed:

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.

Scale of Feet: 0, 25, 50, 75, 100

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____,
at _____ h _____ m _____ M and
recorded in Plan Bk _____, Pg. _____
Attest: _____ REGISTER



ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	PNS	
FINAL RIGHT OF WAY AREAS	PNS	

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

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

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER

DATE _____

STATE AID HIGHWAY NO. 3
SCHOOL STREET ROUTE 140
CANTON OXFORD COUNTY
FEDERAL AID PROJECT NO. 2408300

MAY 2020
SCALE 1" = 25'

RIGHT-OF-WAY MAP
SHEET 2 OF 3

D.O.T. FILE NO. 9-410

SHEET NUMBER
34
OF 35

Date: 8/25/2020

Username: Dana.Pride

Division: HIGHWAY

Filename: ... \000\ROW\MSTA003_RWPLAN3.dgn

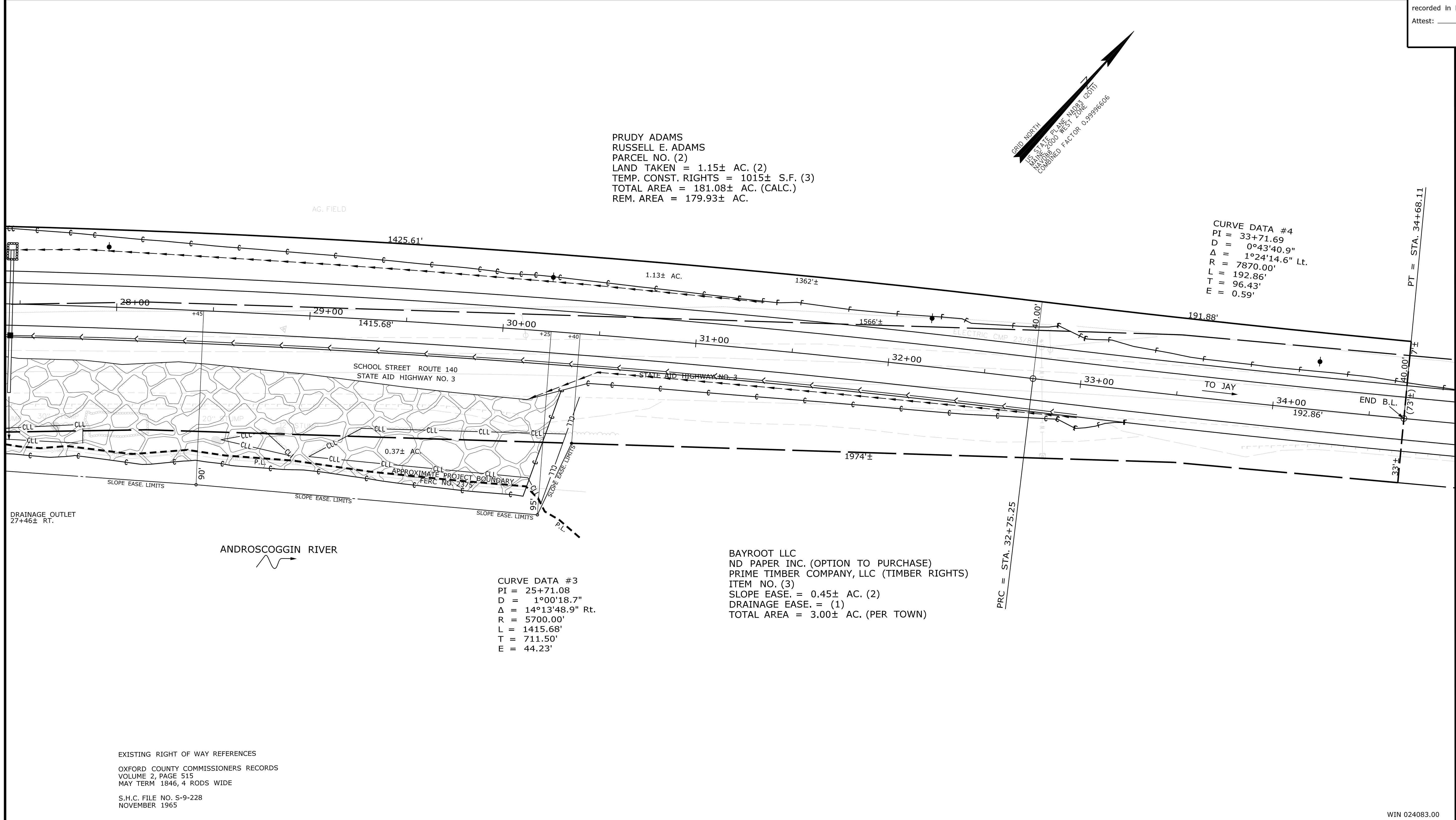
PLAN LEGEND	
Sanitary Sewer	Existing: Proposed:
Telephone Line	Existing: Proposed:
Electric Line	Existing: Proposed:
Water Line	Existing: Proposed:
Underdrain Line	Existing: Proposed:
Gas Line	Existing: Proposed:
Guardrail	Existing: Proposed:
Culvert	Existing: Proposed:
Traveled Way	Existing: Proposed:
Ditch	Existing: Proposed:
Catch Basin	Existing: Proposed:
Manhole	Existing: Proposed:
Sewer Manhole	Existing: Proposed:
Utility Pole	Existing: Proposed:
Fire Hydrant	Existing: Proposed:
Curbing	Existing: Proposed:
Cut Line	Existing: Proposed:
Stonewall	Existing: Proposed:
Baseline	Existing: Proposed:
Monument	Existing: Proposed:
Iron Rod Found	Existing: Proposed:
Replacement Pin Set	Existing: Proposed:
Fill Line	Existing: Proposed:
Retaining Wall	Existing: Proposed:
Traverse Point	Existing: Proposed:
Pipe Found	Existing: Proposed:

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.

Scale of Feet: 0, 25, 50, 75, 100

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____,
at _____ h _____ m _____ M and
recorded in Plan Bk _____, Pg. _____
Attest: _____
REGISTER



EXISTING RIGHT OF WAY REFERENCES
OXFORD COUNTY COMMISSIONERS RECORDS
VOLUME 2, PAGE 515
MAY TERM 1846, 4 RODS WIDE
S.H.C. FILE NO. S-9-228
NOVEMBER 1965

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	PNS	
FINAL RIGHT OF WAY	PNS	
AREAS		

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

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

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER

DATE _____

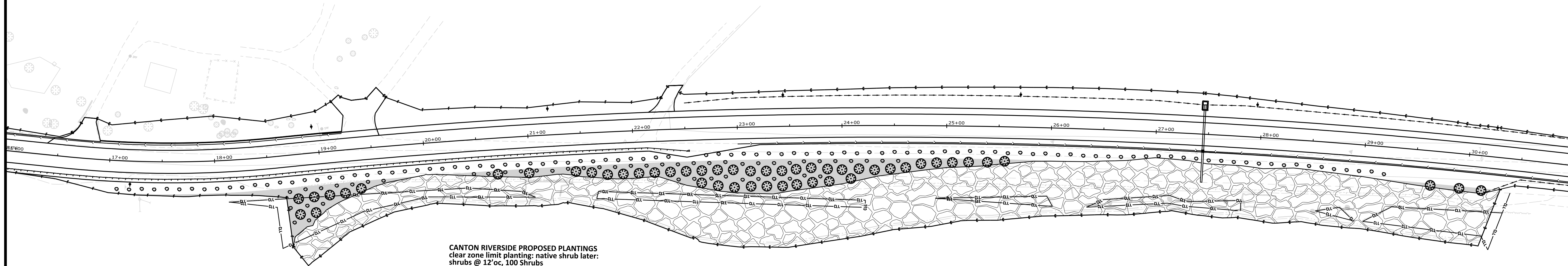
STATE AID HIGHWAY NO. 3
SCHOOL STREET ROUTE 140
CANTON OXFORD COUNTY
FEDERAL AID PROJECT NO. 2408300

MAY 2020
SCALE 1" = 25'

RIGHT-OF-WAY MAP
SHEET 3 OF 3

D.O.T. FILE NO. 9-410

SHEET NUMBER
35
OF 35



CANTON RIVERSIDE PROPOSED PLANTINGS
 clear zone limit planting: native shrub later:
 shrubs @ 12' oc, 100 Shrubs
 beyond clear zone limit to riprap planting: shrub
 and tree layer, trees @ 15' oc, shrubs @ 15' oc, 50
 trees and 50 shrubs

Trees: 3' - 4', 4' - 5', 6' - 8' subject to availability
 Gray Birch *Betula populifolia*
 Red Oak *Quercus rubra*
 Red Maple *Acer rubrum*
 Pin Cherry *Prunus serotina*
 River Birch *Betula nigra*
 Sweet Birch *Betula lenta*

Shrubs 15" - 18", 18" - 24" subject to availability
 Silky Dogwood *Cornus amomum*
 Red Twig Dogwood *Cornus sericea*
 Sweet gale *Myrica gale*
 Sweet Fern *Comptonia peregrina*
 Bayberry *Myrica pensylvanica*
 Nannyberry Viburnum *Viburnum lentago*
 Arrowwood Viburnum *Viburnum dentatum*
 Witch hazel *Hamamelis virginiana*

<p>CANTON ROUTE 140 PROPOSED LANDSCAPING</p>		<p>SHEET NUMBER L1 OF L1</p>	<p>STATE OF MAINE DEPARTMENT OF TRANSPORTATION 24083.00</p> <p>WIN 24083.00</p> <p>HIGHWAY PLANS</p>
<p>PROJ. MANAGER R. MOULTON</p> <p>CHECKED-REVIEWED D. PRIDE</p> <p>DESIGN-REVIEWED C. RUSSELL</p> <p>DESIGNS DET AILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4</p> <p>FIELD CHANGES</p>	<p>BY T. WHITE</p> <p>DATE JULY 2020 DEC. 2019</p>	<p>SIGNATURE</p> <p>P.E. NUMBER</p> <p>DATE</p>	