STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

Town, County, State		Catch Basins	Existing ■ Proposed
Property Lines		Manholes	Existing ● Proposed
R/W Lines-Existing		Proposed Underdrain	
R/W Lines-Proposed		Proposed Ditch	
Culvert-Existing		Existing Ditch	
Culvert Proposed		Utility Poles	Existing ◊ Proposed
Curbing	Existing / Proposed	Fire Hydrants	Existing ◎ Proposed
Type 1		Existing Water Line	
Type 3		Existing San. Sewer	
Type 5		Existing San. Sewer Manhole	◎
Outline of Bodies of Water		Guardrail-Existing	
Exposed Bedrock		Guardrail-Proposed	
Buildings		Guardrail-Cable, Other	
Trees	Conifer ✳ Deciduous ⊛	Centerline-Existing	
Tree Line		Centerline-Proposed	10+00
Clearing Limit Line		Travelway-Existing	
Railroad		Travelway-Proposed	

Boring ⊕ HB-XXX-###

Pavement Core ● PC-#

Test Pit ▣ TP-XXX-###

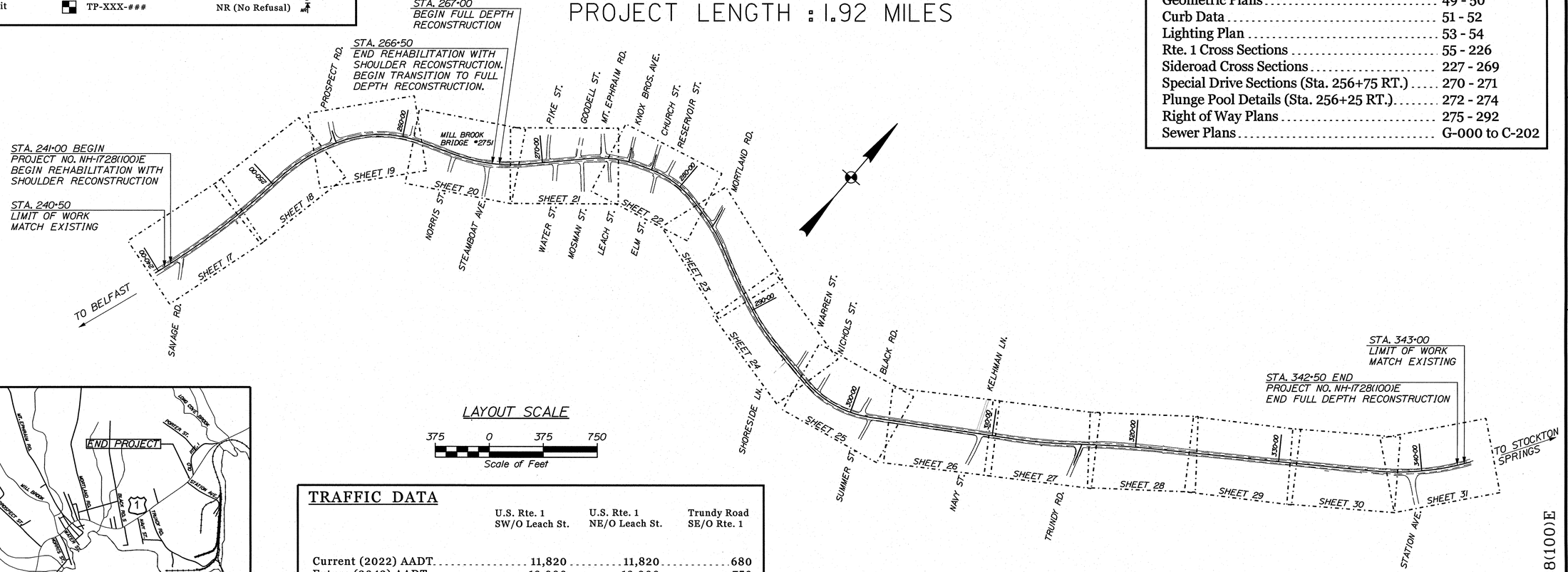
Probe ◔ P-#.#X

#.# = Depth

X = W (Weathered Rock)
R (Refusal)
NR (No Refusal)

SEARSPORT
WALDO COUNTY
U.S. ROUTE 1
NH-1728(100)E

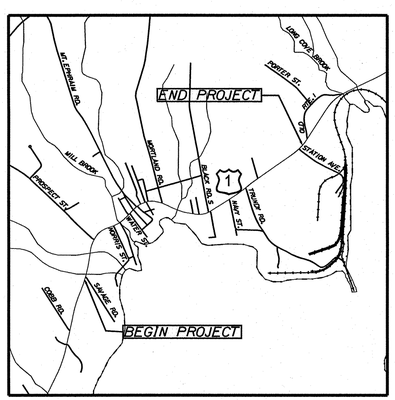
PROJECT LENGTH : 1.92 MILES



LAYOUT SCALE

375 0 375 750

Scale of Feet



0 1/2 1

Scale in Miles

LOCATION MAP

TRAFFIC DATA

	U.S. Rte. 1 SW/O Leach St.	U.S. Rte. 1 NE/O Leach St.	Trundy Road SE/O Rte. 1
Current (2022) AADT	11,820	11,820	680
Future (2042) AADT	13,000	13,000	750
DHV - % of AADT	10.2%	10.2%	5%
Design Hour Volume	1,326	1,326	35
% Heavy Trucks (AADT)	9%	9%	39%
% Heavy Trucks (DHV)	6%	6%	35%
Directional Distribution (DHV)	52%	52%	59%
18 kip Equivalent P 2.0	1003	1003	58
18 kip Equivalent P 2.5	956	956	55
Design Speed (mph)	25/35	25/35	25
Functional Class:	Prn. Arterial	Prn. Arterial	Mjr. Coll.
Corridor Priority:	Level 1	Level 1	Level 3

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2-7
Estimate	8
Drainage	9 - 11
General Notes	12
Construction Notes	13 - 16
Rte. 1 Plan/Profile	17 - 31
Sideroad Plans/Profiles	32 - 39
Sideroad Edge Profiles	40 - 47
Drainage Outlets	48
Geometric Plans	49 - 50
Curb Data	51 - 52
Lighting Plan	53 - 54
Rte. 1 Cross Sections	55 - 226
Sideroad Cross Sections	227 - 269
Special Drive Sections (Sta. 256+75 RT.)	270 - 271
Plunge Pool Details (Sta. 256+25 RT.)	272 - 274
Right of Way Plans	275 - 292
Sewer Plans	G-000 to C-202

PROJECT LOCATION:	Beginning at Savage Road and extending northeasterly 1.92 miles through Station Avenue
PROGRAM AREA:	Highway Program
SCOPE OF WORK:	Highway reconstruction with shoulder widening, drainage, sidewalk improvements, and full depth reconstruction

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED

	DATE
COMMISSIONER:	5-25-22
CHIEF ENGINEER:	5-24-2022

STATE OF MAINE ALBERT L. GODFREY No. 4226 REGISTERED PROFESSIONAL ENGINEER

SIGNATURE: 4226 P.E. NUMBER

5/13/22 DATE

PROJECT INFORMATION

PROGRAM	HIGHWAY PROGRAM
PROJECT MANAGER	E. MARTIN
DESIGNER	M. MORIN/ A. GODFREY
CONSULTANT	TMSI ENGINEERS
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

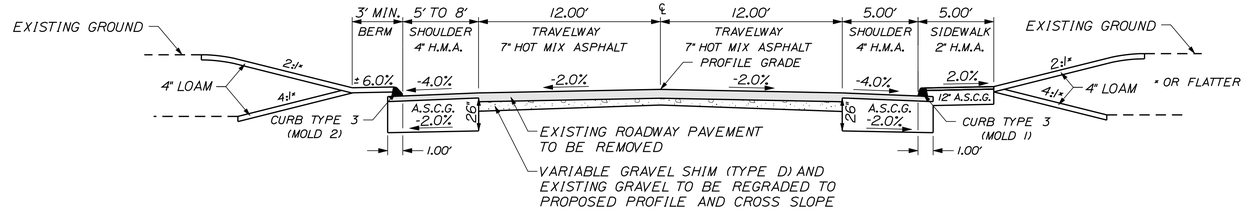
SEARSPORT
US ROUTE 1

TITLE SHEET

17281.00 NH-1728(100)E

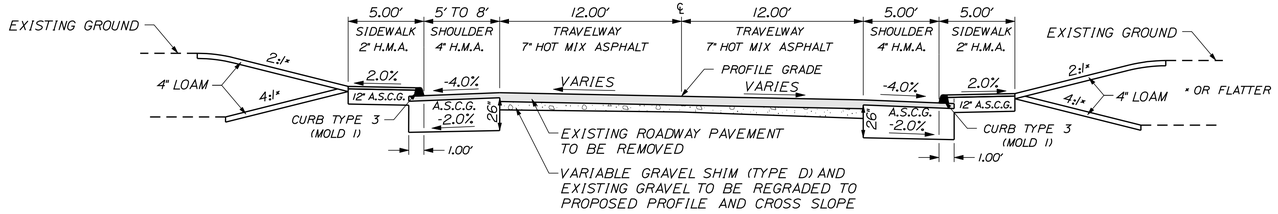
SHEET NUMBER 1 OF 292

Filename: ...\00\HIGHWAY\MSTA\001_Title.dgn Division: HIGHWAY Username: morin Date:4/25/2022



REHABILITATION WITH FULL SHOULDER RECONSTRUCTION

24 FT. TRAVELWAY- VARIABLE GRAVEL
STA 241+00 TO STA. 249+50
NORMAL



REHABILITATION WITH FULL SHOULDER RECONSTRUCTION

24 FT. TRAVELWAY- VARIABLE GRAVEL
STA 249+50 TO STA. 266+50
SUPERELEVATED
(SEE SUPERELEVATION TABLE AND NOTES)

AGGREGATE SUBBASE COURSE GRAVEL- PAVED SHOULDER
4' SHLD. W/ CURB TYPE 3 (39.30 CY/100LF)
STA. 286+17 TO STA. 287+35 LT.
5' SHLD. W/ CURB TYPE 3 (48.70 CY/100LF)
STA. 242+00 TO STA. 265+00 RT.
STA. 242+14 TO STA. 250+41 LT.
STA. 260+89 TO STA. 266+06 LT.
STA. 281+25 TO STA. 285+91 LT.
STA. 287+61 TO STA. 297+00 LT.
STA. 313+25 TO STA. 341+25 LT.
STA. 313+25 TO STA. 338+59 RT.
8' SHLD. W/ CURB TYPE 3 (60.81 CY/100LF)
STA. 251+30 TO STA. 260+45 LT.
STA. 278+00 TO STA. 280+50 LT.
STA. 278+48 TO STA. 312+00 RT.
STA. 297+50 TO STA. 312+00 LT.
5' SHLD. W/ CURB TYPE 1 (40.85 CY/100LF)
STA. 267+57 TO STA. 270+50 RT.
8' SHLD. W/ CURB TYPE 1 (60.56 CY/100LF)
STA. 267+37 TO STA. 277+35 LT.
STA. 276+20 TO STA. 277+75 RT.
10' SHLD. W/ CURB TYPE 1 (73.19 CY/100LF)
STA. 271+25 TO STA. 276+00 RT.

AGGREGATE SUBBASE COURSE GRAVEL- PAVED SIDEWALK
5' SIDEWALK W/ CURB TYPE 3 (15.93 CY/100LF)
STA. 241+87 TO STA. 266+00 RT.
STA. 256+00 TO STA. 260+45 LT.
STA. 281+89 TO STA. 297+88 LT.
STA. 283+67 TO STA. 284+31 RT.
STA. 288+97 TO STA. 290+10 RT.
STA. 299+80 TO STA. 335+75 RT.
7' SIDEWALK W/ CURB TYPE 3 (23.41 CY/100LF)
STA. 277+85 TO STA. 281+71 LT.
STA. 297+75 TO STA. 299+62 RT.
5' SIDEWALK W/ CURB TYPE 1 (17.00 CY/100LF)
STA. 266+50 TO STA. 272+60 RT.
STA. 270+68 TO STA. 271+90 LT.
STA. 276+50 TO STA. 278+09 RT.
7' SIDEWALK W/ CURB TYPE 1 (24.41 CY/100LF)
STA. 276+22 TO STA. 277+45 LT.
VARIABLE WIDTH SIDEWALK W/ CURB TYPE 1
STA. 272+17 TO STA. 275+89 LT.
STA. 272+90 TO STA. 276+50 RT.

NOT TO SCALE

SUPERELEVATION TABLE

POINT TYPE	LEFT	STATION	RIGHT	POINT TYPE
NORMAL CROWN	-2.00%	241+00.00	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	249+99.67	-2.00%	NORMAL CROWN
0% CROSS SLOPE	0.00%	250+33.67	-2.00%	NORMAL CROWN
REVERSE CROWN	2.00%	250+68.24	-2.00%	NORMAL CROWN
FULL SUPER	2.20%	250+71.67	-2.20%	FULL SUPER
FULL SUPER	2.20%	255+96.22	-2.20%	FULL SUPER
FULL SUPER	2.60%	256+03.14	-2.60%	FULL SUPER
FULL SUPER	2.60%	261+15.84	-2.60%	FULL SUPER
REVERSE CROWN	2.00%	261+26.22	-2.00%	NORMAL CROWN
0% CROSS SLOPE	0.00%	261+60.84	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	261+94.84	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	263+11.37	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	263+45.37	0.00%	0% CROSS SLOPE
NORMAL CROWN	-2.00%	263+79.92	2.00%	REVERSE CROWN
FULL SUPER	-2.20%	263+83.37	2.20%	FULL SUPER
FULL SUPER	-2.20%	268+80.25	2.20%	FULL SUPER
NORMAL CROWN	-2.00%	268+83.70	2.00%	REVERSE CROWN
NORMAL CROWN	-2.00%	269+18.25	0.00%	0% CROSS SLOPE
NORMAL CROWN	-2.00%	269+52.25	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	272+58.68	-2.00%	NORMAL CROWN
0% CROSS SLOPE	0.00%	272+92.68	-2.00%	NORMAL CROWN
REVERSE CROWN	2.00%	273+27.30	-2.00%	NORMAL CROWN
FULL SUPER	2.60%	273+37.68	-2.60%	FULL SUPER
FULL SUPER	2.60%	276+61.06	-2.60%	FULL SUPER
FULL SUPER	2.60%	277+62.09	-2.60%	FULL SUPER
FULL SUPER	2.60%	281+47.31	-2.60%	FULL SUPER
FULL SUPER	2.20%	282+58.12	-2.20%	FULL SUPER
FULL SUPER	2.20%	285+13.87	-2.20%	FULL SUPER
REVERSE CROWN	2.00%	285+17.32	-2.00%	NORMAL CROWN
0% CROSS SLOPE	0.00%	285+51.87	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	285+85.87	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	289+55.49	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	289+89.49	0.00%	0% CROSS SLOPE
NORMAL CROWN	-2.00%	290+24.04	2.00%	REVERSE CROWN
FULL SUPER	-2.20%	290+27.49	2.20%	FULL SUPER
FULL SUPER	-2.20%	292+80.55	2.20%	FULL SUPER
NORMAL CROWN	-2.00%	292+84.00	2.00%	REVERSE CROWN
NORMAL CROWN	-2.00%	293+18.55	0.00%	0% CROSS SLOPE
NORMAL CROWN	-2.00%	293+52.55	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	295+26.11	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	295+65.11	0.00%	0% CROSS SLOPE
NORMAL CROWN	-2.00%	296+03.93	2.00%	REVERSE CROWN
FULL SUPER	-3.40%	296+31.11	3.40%	FULL SUPER
FULL SUPER	-3.40%	301+27.50	3.40%	FULL SUPER
NORMAL CROWN	-2.00%	301+54.68	2.00%	REVERSE CROWN
NORMAL CROWN	-2.00%	301+93.50	0.00%	0% CROSS SLOPE
NORMAL CROWN	-2.00%	302+32.50	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	310+88.93	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	311+27.93	0.00%	0% CROSS SLOPE
FULL SUPER	-2.00%	311+66.93	2.00%	FULL SUPER
FULL SUPER	-2.00%	315+03.76	2.00%	FULL SUPER
NORMAL CROWN	-2.00%	315+52.51	0.00%	0% CROSS SLOPE
NORMAL CROWN	-2.00%	316+01.26	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	335+46.82	-2.00%	NORMAL CROWN
NORMAL CROWN	-2.00%	335+95.57	0.00%	0% CROSS SLOPE
NORMAL CROWN	-2.00%	336+43.49	2.00%	REVERSE CROWN
FULL SUPER	-2.40%	336+53.07	2.40%	FULL SUPER
FULL SUPER	-2.40%	342+50.00	2.40%	FULL SUPER

NOTES:

1. ALL SHOULDERS SHALL BE CONSTRUCTED WITH A -4% CROSS SLOPE UNLESS OTHERWISE NOTED.

2. STA. 273+00 LT. TO STA. 279+25 LT. CONSTRUCT HIGH SIDE SHOULDER WITH A -2% CROSS SLOPE.

3. TRANSITION LOW SIDE SHOULDER FROM -4% AT STA. 274+00 RT. TO -5% AT STA. 274+50 RT. THEN BACK TO -4% AT STA. 275+00 RT.

NOTES:
1) INFORMATION TAKEN FROM FEDERAL PROJECT NO. F-84(15) AS-BUILT PLANS

2) THERE IS AN EXISTING 5"± CRUSHED STONE LAYER PRESENT ABOVE THE EXISTING GRAVEL LAYER DEPTH LISTED IN THE TABLE ABOVE. THIS 5" DEPTH WAS NOT INCLUDED IN THE GRAVEL DEPTH AS IT IS ANTICIPATED TO BE REMOVED WITH THE EXISTING PAVEMENT.

3) EXISTING AVERAGE PAVEMENT THICKNESS IS 8.1" ON TRAVELWAYS AND 5.25" ON SHOULDERS.

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'S PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL WAY, WITH THE EXCEPTION FROM STA. 272+00 TO STA. 277+00. SEE CROSS SECTIONS FOR CROSS SLOPES.

3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.

4. EXCEPT WHERE NOTED, THE GRAVEL QUANTITY CALCULATION IS BASED ON 4" LOAM. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.

5. THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPE'S 'ROLLOVER' SHALL NOT EXCEED 8%.

6. THE STATION SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

7. H.M.A. = HOT MIX ASPHALT
A.S.C.G. = AGGREGATE SUBBASE COURSE- GRAVEL TYPE 'D'
C.T.W.L.T.L. = CONTINUOUS TWO WAY LEFT TURN LANE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

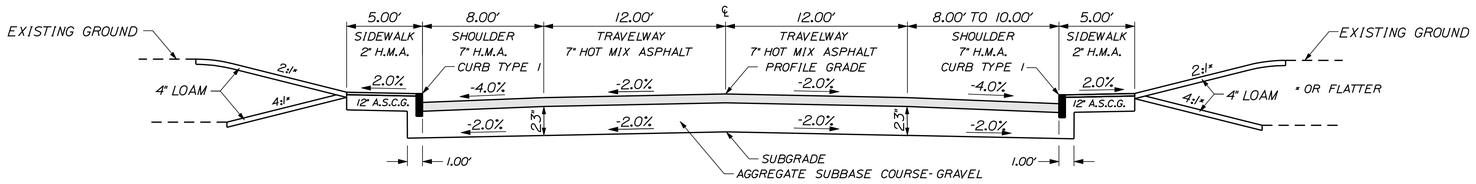
DATE

SEARSPORT
US ROUTE 1

TYPICAL SECTIONS

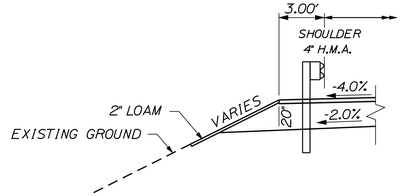
SHEET NUMBER
2
OF 292

Filename: ...\highway\rnsto\002_TypicalA.dgn Division: HIGHWAY Username: morin Date:4/25/2022



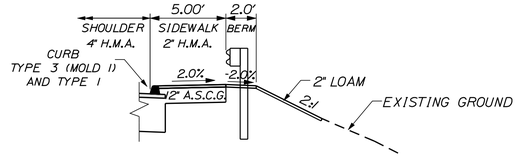
FULL DEPTH RECONSTRUCTION

24 FT. TRAVELWAY (170.37 CY/100 LF)
NORMAL



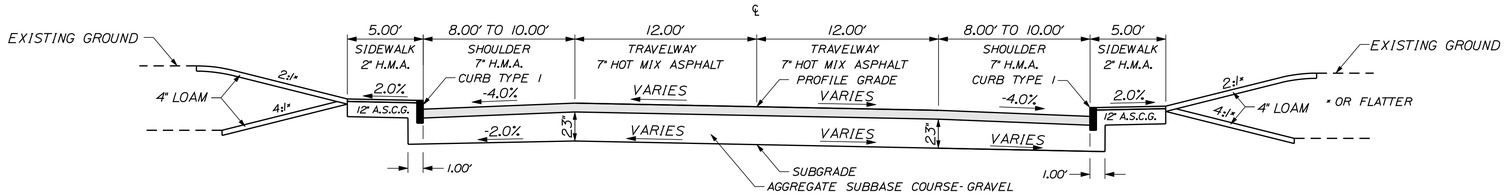
MIDWAY SPLICE GUARDRAIL

STA. 30+33 TO STA. 30+83 RT.
STA 266+15 TO STA. 267+15 LT.



5' SIDEWALK WITH MIDWAY SPLICE GUARDRAIL

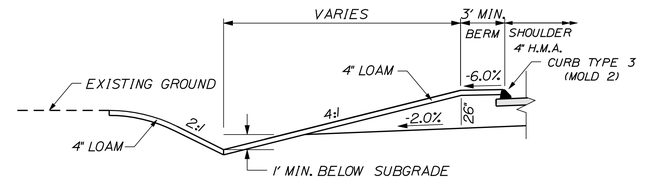
STA. 30+83 RT. TO STA. 267+25 RT.



FULL DEPTH RECONSTRUCTION

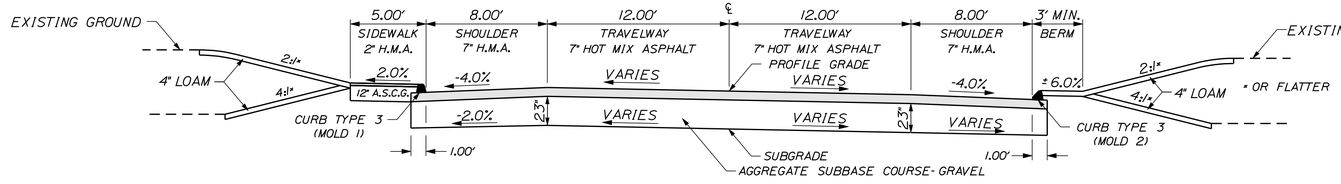
24 FT. TRAVELWAY (170.37 CY/100 LF)
SUPERELEVATED

(SEE SUPERELEVATION TABLE
AND NOTES ON SHEET NO. 2)



DITCH BEHIND CURB

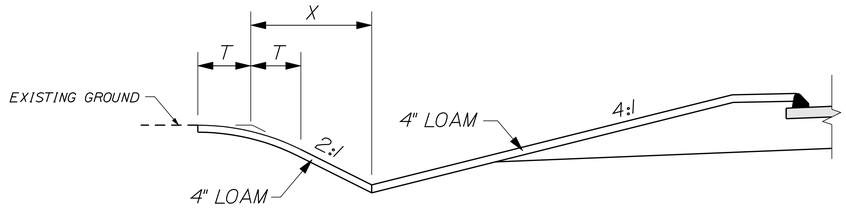
STA. 241+35 TO STA. 242+10 LT
STA. 243+20 TO STA. 243+85 LT
STA. 245+50 TO STA. 246+50 LT
STA. 247+75 TO STA. 248+83 LT
STA. 249+10 TO STA. 250+15 LT



FULL DEPTH RECONSTRUCTION

24 FT. TRAVELWAY (170.37 CY/100 LF)
SUPERELEVATED

(SEE SUPERELEVATION TABLE
AND NOTES ON SHEET NO. 2)



BACK- SLOPE ROUNDING DETAIL

WHEN:
X > 5', THEN T= 5'
X ≤ 5', THEN T= X
THIS FORMULA MAY BE MODIFIED IN THE FIELD
BY THE RESIDENT TO AVOID PROPERTY DAMAGE.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	BY	DATE
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DESIGN3-DETAILED3		
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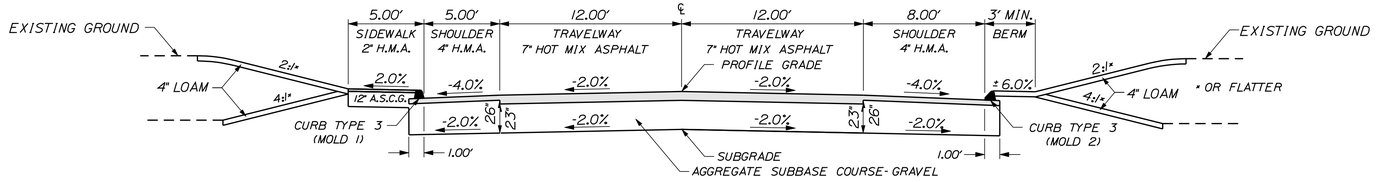
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

TYPICAL SECTIONS

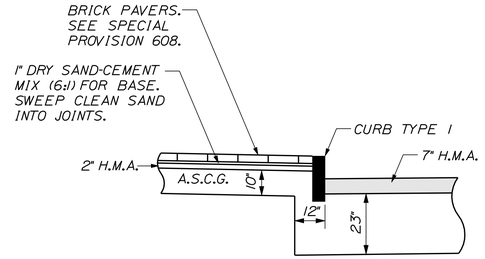
SHEET NUMBER
3
OF 292

Filename: ...\highway\rnsto\003_Typical.dgn Division: HIGHWAY Username: morin Date:4/25/2022



FULL DEPTH RECONSTRUCTION

24 FT. TRAVELWAY (170.37 CY/100LF)
NORMAL



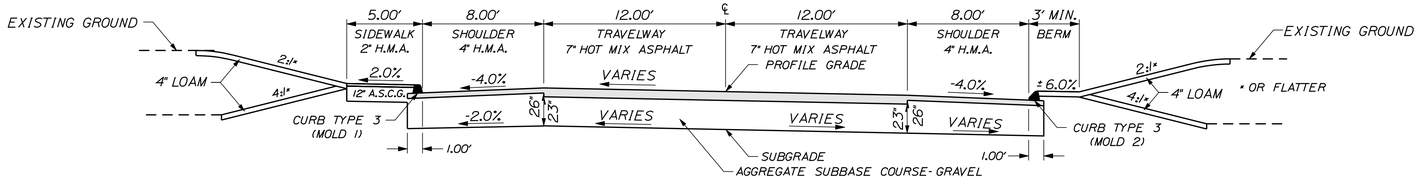
INSTALL 4" WIDE X 8.5" HIGH PIECE OF FILTER FABRIC AT BACK OF CURB AT EACH CURB JOINT. PAYMENT WILL BE INCIDENTAL TO CURB.

1/2" PREFORMED EXPANSION JOINT FILLER W/5/8" BACKER ROD AND JOINT SEALANT TYP. AT ALL WALL, STEP, SIDEWALK, AND BUILDING INTERFACES. PAYMENT WILL BE INCIDENTAL TO BRICK SIDEWALK WITH BITUMINOUS BASE, ITEM 608.15.

ALL BRICKS SHALL BE CUT WITH A PAVER SAW AND CUT-OFF WHEEL.

BRICK SIDEWALK

NOT TO SCALE



FULL DEPTH RECONSTRUCTION

24 FT. TRAVELWAY (170.37 CY/100LF)
SUPERELEVATED

(SEE SUPERELEVATION TABLE
AND NOTES ON SHEET NO. 2)

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
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SIGNATURE
4226

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DATE

SEARSPORT
US ROUTE 1

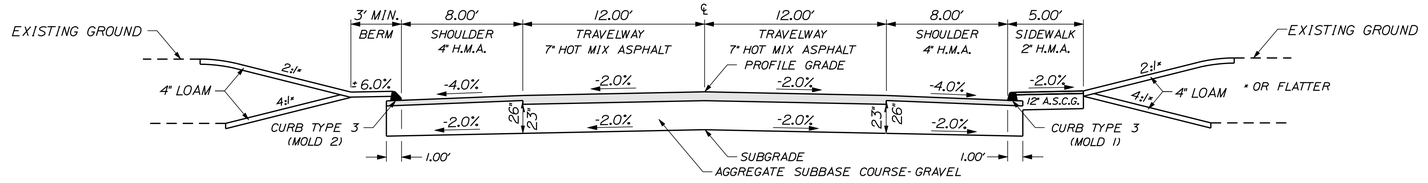
TYPICAL SECTIONS

SHEET NUMBER

4

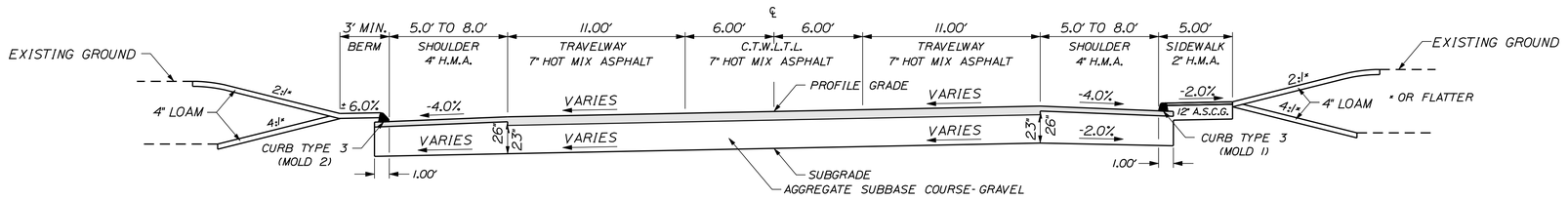
OF 292

Filename: ...\highway\rnsto\004_Typical.dgn Division: HIGHWAY Username: morin Date:4/25/2022



FULL DEPTH RECONSTRUCTION

24 FT. TRAVELWAY (170.37 CY/100LF)
NORMAL



FULL DEPTH RECONSTRUCTION

34 FT. TRAVELWAY (241.36 CY/100LF)
SUPERELEVATED

(SEE SUPERELEVATION TABLE
AND NOTES ON SHEET NO. 2)

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

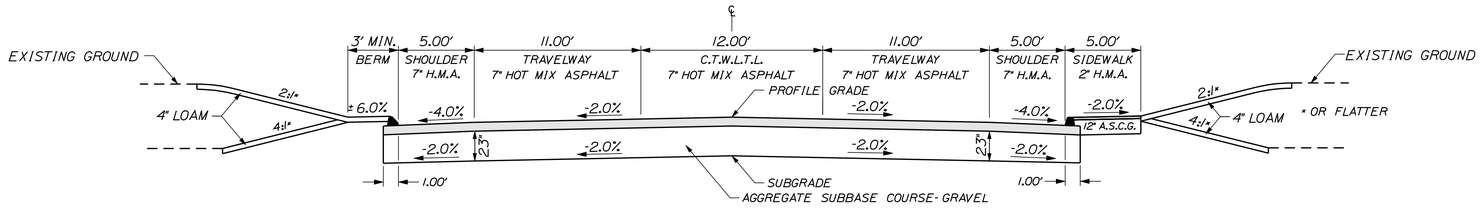
TYPICAL SECTIONS

SHEET NUMBER

5

OF 292

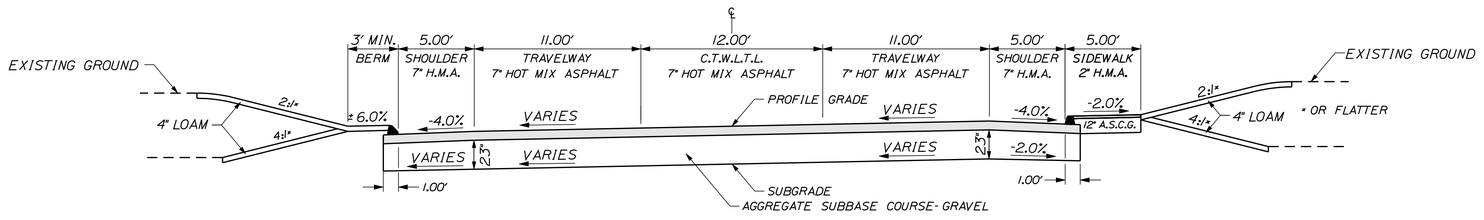
Filename: ...\highway\rmsto\005_typicol.dgn Division: HIGHWAY Username: morin Date:4/25/2022



FULL DEPTH RECONSTRUCTION

34 FT. TRAVELWAY (241.36 CY/100LF)
NORMAL

STA. 316+50 TO STA. 335+00



FULL DEPTH RECONSTRUCTION

34 FT. TRAVELWAY (241.36 CY/100LF)
SUPERELEVATED

STA. 315+13 TO STA. 316+50
STA. 335+00 TO STA. 342+50

(SEE SUPERELEVATION TABLE
AND NOTES ON SHEET NO. 2)

NOT TO SCALE

Filename: ...\highway\rmsto\006_Typicol.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
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DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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4226
P.E. NUMBER

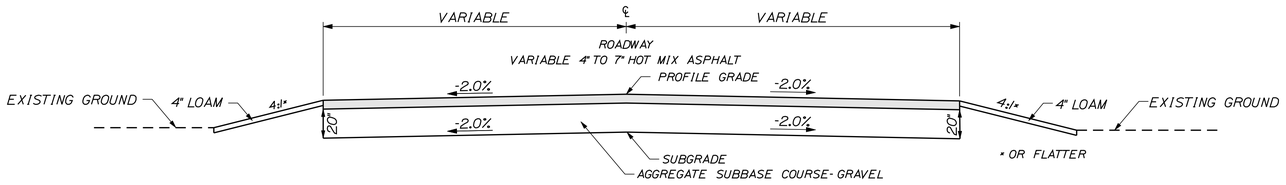
DATE

SEARSPORT
US ROUTE 1

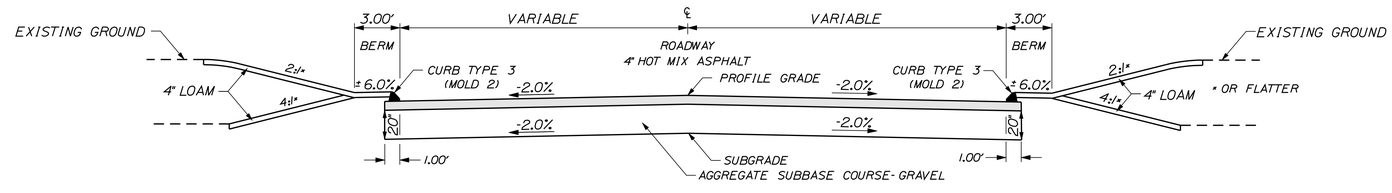
TYPICAL SECTIONS

SHEET NUMBER
6
OF 292

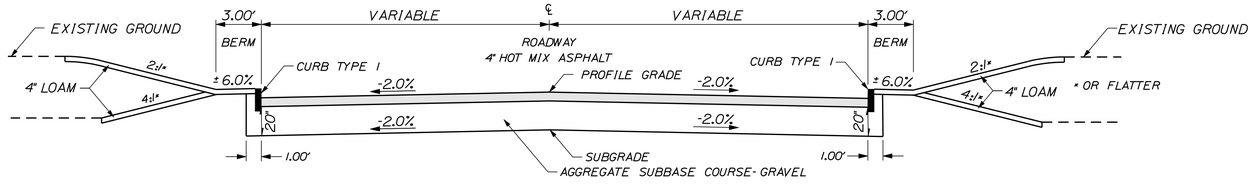
SIDEROAD FULL CONSTRUCTION



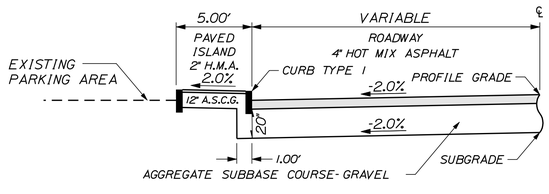
SAVAGE ROAD LT AND RT.....(4" HMA)
STEAMBOAT AVENUE LT AND RT..(4" HMA)
TRUNDY ROAD LT AND RT.....(4" HMA)
STATION AVENUE LT AND RT....(7" HMA)
MOSMAN STREET LT.....(4" HMA)
LEACH STREET LT.....(4" HMA)
KNOX BROS. AVENUE RT.....(4" HMA)
GOODELL STREET RT.....(4" HMA)



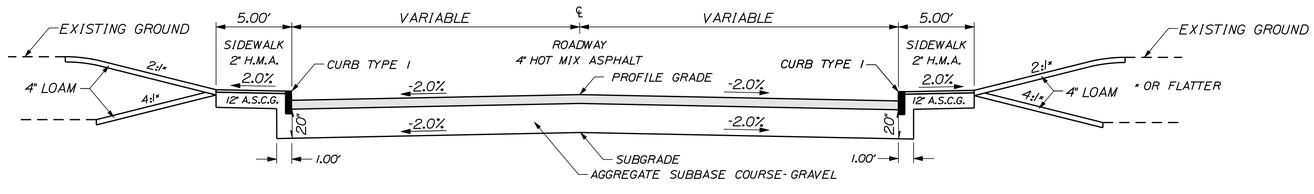
PROSPECT STREET LT AND RT
RESEVOIR STREET LT AND RT
MORTLAND ROAD LT AND RT
CHURCH STREET LT
ELM STREET RT



PIKE AVENUE LT AND RT
MT. EPHRAIM ROAD LT AND RT
MOSMAN STREET RT
LEACH STREET RT
ELM STREET LT



GOODELL STREET LT



WATER STREET LT AND RT
KNOX BROS. AVENUE LT
CHURCH STREET RT

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	4-22
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DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
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REVISIONS 2			
REVISIONS 3			
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FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

TYPICAL SECTIONS

SHEET NUMBER
7
OF 292

Filename: ...\HIGHWAY\MSTA\007_Typical.dgn Division: HIGHWAY Username: morin Date:5/17/2022

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
107.51	PROSECUTION OF WORK - INITIAL SCHEDULE	1	LS
107.531	PROSECUTION OF WORK - BIWEEKLY UPDATES	1	LS
201.23	REMOVING SINGLE TREE TOP ONLY	41	EACH
201.24	REMOVING STUMP	43	EACH
202.15	REMOVING EXISTING MANHOLE OR CATCH BASIN	61	EACH
203.20	COMMON EXCAVATION	46,800	CY
203.21	ROCK EXCAVATION	500	CY
203.2312	HEALTH AND SAFETY PLAN	1	LS
203.2333	DISPOSAL/TREATMENT OF SPECIAL EXCAVATION	175	TON
203.25	GRANULAR BORROW	100	CY
206.061	STRUCT EARTH EXC-DRAIN & MINOR STRUCT-BELOW GRADE	100	CY
206.07	STRUCT ROCK EXCAVATION - DR & MINOR STR	600	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	35,500	CY
403.207	HOT MIX ASPHALT, 19.0mm BASE	11,700	TON
403.2081	12.5 mm POLYMER MODIFIED HMA	4,200	TON
403.209	HOT MIX ASPHALT, 9.5mm (SW.DRIVES.INCIDENTALS)	1,520	TON
403.2131	HOT MIX ASPHALT, 12.5 mm (BASE AND INT. BASE)	2,100	TON
409.15	BITUMINOUS TACK COAT - APPLIED	3,440	GAL
603.155	12" REINF. CONC. PIPE CLS. III	100	LF
603.159	12" CULVERT PIPE OPTION III	1,320	LF
603.165	15" REINF. CONC. PIPE CLS. III	40	LF
603.169	15" CULVERT PIPE OPTION III	580	LF
603.175	18" REINF. CONC. PIPE CLS. III	330	LF
603.179	18" CULVERT PIPE OPTION III	590	LF
603.195	24" REINF. CONC. PIPE CLS. III	90	LF
603.199	24" CULVERT PIPE OPTION III	130	LF
603.205	30" REINF. CONC. PIPE CLS. III	50	LF
603.209	30" CULVERT PIPE OPTION III	490	LF
603.225	42" REINF. CONC. PIPE CLS. III	62	LF
603.229	42" CULVERT PIPE OPTION III	196	LF
603.55	CONCRETE PIPE TIES	12	GRP
604.072	CATCH BASIN TYPE AI-C	3	EACH
604.09	CATCH BASIN TYPE BI	4	EACH
604.092	CATCH BASIN TYPE BI-C	54	EACH
604.164	REBUILDING CATCH BASIN	1	EACH
604.18	ADJUST CATCH BASIN TO GRADE	1	EACH
604.246	CATCH BASIN TYPE F5	2	EACH
604.247	CATCH BASIN TYPE F5-C	2	EACH
604.249	CATCH BASIN TYPE F6-C	1	EACH
604.252	CATCH BASIN TYPE A5-C	1	EACH
604.262	CATCH BASIN TYPE B5-C	5	EACH
604.0956	96" CATCH BASIN TYPE BI	2	EACH
604.0957	96" CATCH BASIN TYPE BI-C	4	EACH
605.09	6" UNDERDRAIN, TYPE 'B'	9,570	LF
605.11	12" UNDERDRAIN TYPE 'C'	5,820	LF
605.12	15" UNDERDRAIN TYPE 'C'	1,940	LF
605.13	18" UNDERDRAIN TYPE C	1,200	LF
606.1301	31" W-BEAM MID-WAY SPLICE, SINGLE FACED	350	LF
606.1303	31" W-BEAM MID-WAY SPLICE, SINGLE FACED-15' RAD. AND LESS	100	LF
606.1304	31" W-BEAM MID-WAY SPLICE, SINGLE FACED-OVER 15' RAD.	25	LF
606.265	TERM. END - SINGLE RAIL - GALV. STEEL	4	EACH
606.353	REFLECTORIZED FLEXIBLE G.R. MARKER	6	EACH
606.356	UNDERDRAIN DELINEATOR POST	35	EACH
606.47	SINGLE WOOD POST	30	EACH
606.51	MULTIPLE MAILBOX SUPPORT	2	EACH
607.1701	TEMPORARY CHAIN LINK FENCE - 6' MOVEABLE	700	LF
607.24	REMOVE AND RESET FENCE	25	LF
607.44	SAFETY FENCE	200	LF
608.07	PLAIN CONCRETE SIDEWALK	50	SY
608.081	REINFORCED CONCRETE DRIVEWAY	90	SY
608.15	BRICK SIDEWALK WITH BITUMINOUS BASE	1,000	SY
608.26	CURB RAMP DETECTABLE WARNING FIELD	820	SF
609.11	VERTICAL CURB TYPE 1	2,300	LF
609.12	VERTICAL CURB TYPE 1 - CIRCULAR	310	LF
609.221	TERMINAL CURB TYPE 1	448	LF
609.222	TERMINAL CURB TYPE 1 - CIRCULAR	309	LF
609.31	CURB TYPE 3	13,880	LF
610.08	PLAIN RIPRAP	400	CY
610.16	HEAVY RIPRAP	390	CY
613.319	EROSION CONTROL BLANKET	700	SY
615.07	LOAM	2,070	CY
618.13	SEEDING METHOD 1	150	UNIT
618.14	SEEDING METHOD 2	50	UNIT
618.143	SEARSPORT SPECIAL SEED	5	UNIT
618.146	HYDROSEED GROWTH MEDIUM (FLEXTERRA)	5	UNIT
619.12	MULCH	200	UNIT
620.58	EROSION CONTROL GEOTEXTILE	1,200	SY

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
621.5351	DECIDUOUS SHRUB 15" - 18" GR. A CONT.	78	EACH
621.5352	DECIDUOUS SHRUB 18" - 24" GR. A CONT.	96	EACH
621.546	DECIDUOUS SHRUB 2' - 3' GR. A CONT.	12	EACH
621.553	DECIDUOUS SHRUB 3' - 4' GR. B CONT. MULTISTEM	10	EACH
621.554	DECIDUOUS SHRUB 3' - 4' GR. C MULTISTEM/CONT.	12	EACH
621.71	HERBACEOUS PERENNIALS 1 GALLON #1 POT	288	EACH
621.713	HERBACEOUS PERENNIALS 1 QT. POT	276	EACH
626.11	PRECAST CONCRETE JUNCTION BOX	6	EACH
626.21	METALLIC CONDUIT	25	LF
626.22	NON-METALLIC CONDUIT	1,000	LF
626.35	CONTROLLER CABINET FOUNDATION	1	EACH
626.421	24-INCH DIAMETER FOUNDATION	133	LF
627.733	4" WHITE OR YELLOW PAINTED PVMT MARKING LINE	32,100	LF
627.75	WHITE OR YELLOW PVMT AND CURB MARKINGS	4,040	SF
627.78	TEMPORARY 4" PAINTED PVMT. MARK LINE, WHITE OR YELLOW	64,200	LF
629.05	HAND LABOR, STRAIGHT TIME	100	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	150	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	150	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	100	HR
631.20	STUMP CHIPPER (INCLUDING OPERATOR)	50	HR
631.22	FRONT END LOADER (INCLUDING OPERATOR)	100	HR
631.32	CULVERT CLEANER	50	HR
634.160	HIGHWAY LIGHTING	1	LS
634.70	ORNAMENTAL LIGHTING	19	EACH
639.18	FIELD OFFICE TYPE A	1	EACH
642.183	GRANITE STEPS AT: STA. 273+75.50 LT.	1	LS
642.183	GRANITE STEPS AT: STA. 273+89.06 LT.	1	LS
642.183	GRANITE STEPS AT: STA. 274+61.95 LT.	1	LS
642.183	GRANITE STEPS AT: STA. 274+75.00 LT.	1	LS
642.183	GRANITE STEPS AT: STA. 275+09.84 LT.	1	LS
642.183	GRANITE STEPS AT: STA. 275+14.39 RT.	1	LS
642.183	GRANITE STEPS AT: STA. 275+21.41 LT.	1	LS
642.183	GRANITE STEPS AT: STA. 275+25.00 RT.	1	LS
642.183	GRANITE STEPS AT: STA. 275+36.97 LT.	1	LS
642.183	GRANITE STEPS AT: STA. 275+65.72 LT.	1	LS
643.62	RECTANGULAR RAPID FLASHING BEACON	6	EACH
645.106	DEMOUNT REG WRNG CONF RTE SIGNS	124	EACH
645.116	REINSTALL REG WRNG CONF RTE SIGNS	117	EACH
652.33	DRUM	300	EACH
652.34	CONE	300	EACH
652.35	CONSTRUCTION SIGNS	1,200	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	425	CD
652.38	FLAGGER	13,600	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	EACH
656.75	TEMP SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
658.20	ACRYLIC LATEX FINISH, GREEN	30	SY
659.10	MOBILIZATION	1	LS
801.03	TEST PITS	5	EACH
801.16	6" PVC SANITARY SEWER (SDR-35)	150	LF
	NON-PARTICIPATING SEWER ITEMS		
203.24	COMMON BORROW	55	CY
801.17	8" PVC SANITARY SEWER (SDR-35)	85	LF
812.162	ADJUSTING SEWER MANHOLE TO GRADE	47	EACH
812.17	SEWER DROP MANHOLE	1	EACH
827.30	ROCK EXCAVATION REMOVE & REFILL	55	CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

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HIGHWAY PLANS

	BY	DATE
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SEARSPORT
US ROUTE 1

ESTIMATED QUANTITIES

SHEET NUMBER

8

OF 292

Filename: ...\DGN\008_Estimate.dgn Division: HIGHWAY Username: morin Date:6/1/2022

	STATION	CULVERT PIPE											CATCH BASIN								UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
		RCP			CMP		OPTION I		OPTION III												TYPE B		TYPE C					
									SMOOTHLINED		CORRUGATED										TYPE B	OUTLET	SMOOTHLINED		CORRUGATED			
		SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	A5-C	B1	B1-C	B5-C	F5	F5-C	F6-C	LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH	DESCRIPTIONS	
1	STA. 243+92.77, 15.87' LT.															1 1/4												
2	STA. 246+44.00, 15.87' RT.															1 1/2												
2A	STA. 246+50.00, 15.87' LT.															1 3/8												
3	STA. 248+55.00, 15.87' LT.															1												
3A	STA. 248+55.00, 28.61' LT.																	1										
4	STA. 250+35.00, 15.87' LT.															1												
5	STA. 250+77.23, 15.87' RT.																1 1/4											
6	STA. 254+75.00, 18.87' LT.															1												
7	STA. 21+31.06, 15.42' RT.															1 1/4												96" DIA. CATCH BASIN WITH FLAT TOP
8	STA. 255+56.67, 42.73' LT.														1 1/8													96" DIA. CATCH BASIN WITH FLAT TOP
9	STA. 256+10.00, 18.87' LT.															1												
10	STA. 255+94.14, 15.87' RT.															2												96" DIA. CATCH BASIN WITH FLAT TOP
11	STA. 260+34.54, 18.87' LT.															1												
12	STA. 260+58.76, 15.87' RT.																		1									CAST OR CORE PROPOSED TYPE F CB
14	STA. 265+61.47, 19.82' RT.															1												TO ACCEPT THE 6" UD PIPE INLET.
15	STA. 265+94.93, 15.87' LT.															1												
16	STA. 267+49.67, 18.87' LT.												1															
17	STA. 267+58.00, 16.13' RT.															1												
20	STA. 273+40.00, 20.87' RT.												1															
21	STA. 273+40.00, 18.87' LT.												1															
21A	STA. 273+40.00, 31.50' LT.																	1										
22	STA. 274+61.95, 21.21' LT.													1														2' CONE
22A	STA. 274+44.88, 28.73' LT.																1											
23	STA. 278+58.00, 18.87' LT.															1												
24	STA. 280+26.00, 18.87' RT.															1												
25	STA. 279+95.00, 18.87' LT.															1												
26	STA. 282+98.00, 15.87' LT.															1												
27	STA. 284+15.00, 15.87' LT.															1 1/8												
28A	STA. 283+00.00, 18.87' RT.															1												
28	STA. 284+17.00, 18.87' RT.															1 3/8												
29	STA. 288+53.00, 18.87' RT.																1 3/8											
30	STA. 288+20.00, 15.87' LT.															1 1/2												
31	STA. 289+55.00, 15.87' LT.															1												
32	STA. 289+55.00, 18.87' RT.																1 1/8											FLAT OFFSET TOP
33	STA. 290+50.00, 15.87' LT.															1												
34	STA. 290+50.00, 18.87' RT.															1												
35	STA. 294+50.00, 18.87' RT.															1												
36	STA. 296+75.00, 15.87' LT.															1												
37	STA. 296+75.00, 18.87' RT.															1												
38	STA. 298+72.00, 18.87' LT.															1												
39	STA. 298+80.73, 18.87' RT.															1												
40	STA. 301+25.00, 19.47' LT.															1												
41	STA. 301+83.00, 18.87' RT.															1												
42	STA. 304+25.00, 18.87' RT.															1												
43	STA. 307+75.00, 18.87' LT.															1												
44	STA. 313+14.00, 20.69' LT.															1 3/8												
45	STA. 313+35.00, 20.87' RT.															1 1/2												
46	STA. 317+00.00, 20.87' LT.															1												
47	STA. 317+00.00, 20.87' RT.															1												
48	STA. 318+92.66, 20.87' LT.															1												
49	STA. 318+65.00, 20.87' RT.															1 1/8												
50	STA. 321+84.65, 20.87' LT.															1												
51	STA. 322+00.00, 20.87' RT.															1												
52	STA. 324+87.00, 20.87' RT.															1												
53	STA. 326+23.00, 20.87' LT.															1 1/8												
55	STA. 331+57.02, 22.87' LT.																		1									
55A	STA. 331+57.02, 30.00' LT.														1													
56	STA. 332+85.00, 20.87' RT.															1												
57	STA. 334+35.00, 20.87' RT.															1												
57A	STA. 334+58.46, 20.87' LT.																			1								
58	STA. 334+58.46, 28.00' LT.														1													
59	STA. 335+75.00, 20.87' RT.															1												
59A	STA. 336+50.00, 28.00' LT.														1 1/8													
60	STA. 337+00.00, 20.87' LT.															1 1/8												
61	STA. 338+50.00, 20.87' RT.															1 1/4												
62	STA. 338+60.00, 20.87' LT.															1 1/4												
63	STA. 341+00.00, 19.58' LT.															1												
64	STA. 343+15.00, 17.64' LT.															1 1/4												

Filename: ...\HIGHWAY\MSTA\009_Drainage.dgn Division: HIGHWAY Username: morin Date:5/2/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
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4226

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DATE

SEARSPORT
US ROUTE 1

DRAINAGE SHEET

SHEET NUMBER

9

OF 292

STATION	CULVERT PIPE											CATCH BASIN					PIPE ARCH			MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		OPTION I		OPTION III													TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED										GAGE OR WALL THICKNESS	TYPE B	OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	A5-C	B5-C	E	F	SPAN	RISE	LENGTH		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
STA. 241+34.90, 35.70' LT. TO STA. 241+35.25, 40.30' RT.	18"	76'	III																									
STA. 243+87.50, 33.39' LT. TO STA. 243+92.29, 17.87' LT.								18"	16'																			
STA. 243+93.27, 13.82' LT. TO STA. 244+08.00, 47.57' RT.	18"	64'	III																									
STA. 246+43.66, 17.87' RT. TO STA. 246+36.90, 52.57' RT.								18"	36'																			
STA. 246+44.31, 13.87' RT. TO STA. 246+49.67, 13.87' LT.	18"	28'	III																									
STA. 246+50.00, 17.87' LT. TO STA. 246+50.71, 35.23' LT.								18"	18'																			
STA. 248+55.00, 17.87' LT. TO STA. 248+55.00, 26.61' LT.								12"	10'																			
STA. 250+36.36, 16.60' LT. TO STA. 250+65.85, 37.00' LT.								15"	34'																			
STA. 250+78.38, 18.13' RT. TO STA. 250+86.40, 71.00' RT.								12"	54'																			
STA. 254+76.67, 18.90' LT. TO STA. 255+53.00, 41.50' LT.	12"	82'	III																									
STA. 255+58.74, 39.34' LT. TO STA. 255+91.89, 12.18' RT.	42"	62'	III																									
STA. 255+96.43, 18.82' RT. TO STA. 256+26.05, 57.66' RT.	42"	48'	III																									
STA. 20+25.32, 15.07' RT. TO STA. 21+27.87, 12.65' RT.	42"	104'	III																									
STA. 21+32.86, 9.89' RT. TO STA. 21+59.95, 25.08' LT.	42"	44'	III																									
STA. 265+62.60, 20.74' RT. TO STA. 30+75.00, 30.00' LT.								15"	54'																			
STA. 265+96.41, 16.47' LT. TO STA. 266+34.88, 42.00' LT.								12"	46'																			
STA. 30+34.20, 20.9' LT. TO STA. 30+38.80, 24.90' RT.	18"	46'	III																									
STA. 266+93.00, 40.68' RT. TO STA. 267+56.37, 16.33' RT.								15"	70'																			
STA. 267+04.69, 49.00' LT. TO STA. 267+48.23, 19.60' LT.								15"	52'																			
STA. 270+00.00,19.75' LT. TO STA. 273+00.00, 19.75' LT.								12"	300'																			
STA. 270+50.00, 16.75' RT. TO STA. 272+50.00, 21.75' RT.								12"	200'																			
STA. 273+40, 20.87' LT. TO STA. 273+40.00, 30.50' LT.								12"	10'																			
STA. 274+46.05, 27.84' LT. TO STA. 274+60.17, 21.56' LT.	12"	16'	III																									
STA. 279+96.06, 17.13' LT. TO STA. 280+24.72, 17.27' RT.	18"	46'	III																									
STA. 279+96.29, 19.65' LT. TO STA. 280+43.50, 66.00' LT.								15"	68'																			
STA. 280+26.82, 20.05' RT. TO STA. 280+94.00, 124.00' RT.								18"	120'																			
STA. 284+15.00, 13.87' LT. TO STA. 284+17.00, 16.87' RT.	18"	32'	III																									
STA. 284+15.00, 17.87' LT. TO STA. 284+15.00, 33.95' LT.								12"	16'																			
STA. 284+17.50, 20.87' RT. TO STA. 285+27.00, 298.0' RT.								18"	298'																			
STA. 287+71.50, 71.00' LT. TO STA. 288+18.82, 16.83' LT.								30"	72'																			
STA. 288+21.23, 14.25' LT. TO STA. 288+51.82, 17.22' RT.	30"	44'	III																									
STA. 288+54.16, 19.81' RT. TO STA. 289+32.00, 115.0' RT.								30"	124'																			
STA. 289+55.00, 21.50' RT. TO STA. 289+47.25, 44.20' RT.								18"	24'																			
STA. 289+55.00, 13.87' LT. TO STA. 289+55.00, 17.87' RT.	18"	32'	III																									
STA. 298+72.00, 20.87' LT. TO STA. 298+72.00, 34.70' LT.								12"	14'																			
STA. 301+14.83, 63.69' LT. TO STA. 301+24.36, 20.66' LT.								15"	44'																			
STA. 313+08.90, 38.43' LT. TO STA. 313+14.00, 22.69' LT.								24"	16'																			
STA. 313+14.83, 18.69' LT. TO STA. 313+34.21, 18.87' RT.	24"	43'	III																									
STA. 313+34.63, 22.87' RT. TO STA. 313+19.85, 101.93' RT.								24"	80'																			
STA. 317+00.00, 22.87' LT. TO STA. 317+00.00, 34.00' LT.								12"	12'																			
STA. 318+41.78, 64.28' RT. TO STA. 318+20.66, 351.4' RT.								30"	290'																			
STA. 318+64.26, 22.10' RT. TO STA. 318+45.23, 50.10' RT.								24"	34'																			
STA. 318+66.19, 19.22' RT. TO STA. 318+91.54, 19.16' LT.	24"	46'	III																									
STA. 318+67.00, 20.87' RT. TO STA. 321+98.00, 20.87' RT.								12"	331'																			
STA. 318+93.60, 21.97' LT. TO STA. 319+02.75, 43.42' LT.								18"	26'																			
STA. 321+83.07, 38.72' LT. TO STA. 321+84.54, 22.87' LT.								12"	18'																			
STA. 326+23.00, 22.87' LT. TO STA. 326+23.00, 38.60' LT.								15"	16'																			
STA. 331+57.02, 23.87' LT. TO STA. 331+57.02, 28.00' LT.								12"	4'																			
STA. 331+59.02, 30.00' LT. TO STA. 334+56.46, 28.00' LT.								12"	298'																			
STA. 334+58.46, 21.87' LT. TO STA. 334+58.46, 26.00' LT.								12"	4'																			
STA. 334+60.46, 28.00' LT. TO STA. 336+48.00, 28.00' LT.								15"	188'																			
STA. 336+51.79, 27.77' LT. TO STA. 336+98.25, 20.78' LT.								15"	47'																			
STA. 338+50.41, 18.87' RT. TO STA. 338+59.58, 18.87' LT.	15"	40'	III																									
STA. 343+16.47, 18.94' LT. TO STA. 343+60.65, 47.40' LT.								18"	52'																			
ROOF DRAINAGE SYSTEM																												
STA. 274+48, 32.5' LT. TO STA. 275+84, 27.6' LT.																					142'							MAIN TRUNK LINE
STA. 274+86, 26.5' RT. TO STA. 275+72, 27.1' RT.																					84'							MAIN TRUNK LINE
STA. 274+51 LT.																					10'							ADDITIONAL PIPE FOR CONNECTION
STA. 274+84 LT.																					6'							ADDITIONAL PIPE FOR CONNECTION
STA. 274+90 RT.																					6'							ADDITIONAL PIPE FOR CONNECTION
STA. 275+25 LT.																					6'							ADDITIONAL PIPE FOR CONNECTION
STA. 275+45 LT.																					6'							ADDITIONAL PIPE FOR CONNECTION
STA. 275+75 RT.																					6'							ADDITIONAL PIPE FOR CONNECTION
STA. 275+85 LT.																					6'							ADDITIONAL PIPE FOR CONNECTION

Filename: ...\HIGHWAY\MSTA\010_Drainage.dgn Division: HIGHWAY Username: morin Date:5/17/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	MSM	4-22
DESIGN2-DETAILED2	ALG	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

DRAINAGE SHEET

SHEET NUMBER
10
OF 292

STATION	CULVERT PIPE											CATCH BASIN					PIPE ARCH			MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		OPTION I		OPTION III													TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED										GAGE OR WALL THICKNESS	TYPE B	OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	A5-C	B5-C	E	F	SPAN	RISE	LENGTH		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
STA. 241+50.00, LT. TO STA. 243+90.77, LT.																					241							
STA. 242+00.00, RT. TO STA. 246+42.00, RT.																					442							
STA. 243+96.00, LT. TO STA. 246+48.00, LT.																					252							
STA. 246+47.00, RT. TO STA. 250+75.23, RT.																					428							
STA. 246+53.00, LT. TO STA. 248+53.00, LT.																					200							
STA. 248+57.00, LT. TO STA. 250+33.00, LT.																							15"	176				
STA. 250+37.00, LT. TO STA. 254+73.00, LT.																					436							
STA. 250+79.23, RT. TO STA. 255+90.14, RT.																					511							
STA. 255+75.00, LT. TO STA. 256+08.00, LT.																					33							
STA. 256+00.00, RT. TO STA. 260+57.76, RT.																					458							
STA. 256+12.00, LT. TO STA. 260+32.54, LT.																							12"	421				
STA. 260+36.54, LT. TO STA. 265+92.93, LT.																							12"	556				
STA. 260+59.76, RT. TO STA. 265+59.47, RT.																							12"	500				
STA. 267+51.67, LT. TO STA. 270+00.00, LT.																							12"	248				
STA. 267+60.00, RT. TO STA. 270+50.00, RT.																							12"	290				
STA. 272+50.00, RT. TO STA. 273+38.00, RT.																							12"	88				
STA. 273+00.00, LT. TO STA. 273+38.00 LT.																							12"	38				
STA. 273+42.00, LT. TO STA. 274+59.95, LT.																							12"	118				
STA. 273+42.00, RT. TO STA. 280+24.00, RT.																					682							
STA. 274+63.95, LT. TO STA. 278+56.00, LT.																					392							
STA. 278+60.00, LT. TO STA. 279+93.00, LT.																							12"	133				
STA. 279+97.00, LT. TO STA. 282+96.00, LT.																					299							
STA. 281+50.00, RT. TO STA. 282+98.00, RT.																					148							
STA. 283+00.00, LT. TO STA. 284+13.00, LT.																							12"	113				
STA. 283+02.00, RT. TO STA. 284+15.00, RT.																							12"	113				
STA. 284+18.00, LT. TO STA. 288+18.00, LT.																					400							
STA. 284+19.00, RT. TO STA. 288+51.00, RT.																					432							
STA. 288+22.00, LT. TO STA. 289+33.00, LT.																					111							
STA. 288+55.00, RT. TO STA. 289+33.00, RT.																					78							
STA. 289+57.00, LT TO STA. 290+48.00, LT																							18"	91'				
STA. 289+57.00, RT. TO STA. 290+48.00, RT.																							15"	91'				
STA. 290+52.00, RT. TO STA. 294+48.00, RT.																							15"	396				
STA. 290+52.00, LT TO STA. 296+73.00, LT																							18"	621'				
STA. 294+52.00, RT. TO STA. 296+73.00, RT.																							15"	221				
STA. 296+77.00, RT. TO STA. 298+78.73, RT.																							15"	202				
STA. 296+77.00, LT TO STA. 298+70.00, LT																							18"	193'				
STA. 298+74.00, LT. TO STA. 301+23.00, LT.																							15"	249				
STA. 298+82.73, RT. TO STA. 301+81.00, RT.																							12"	298				
STA. 301+27.00, LT. TO STA. 307+73.00, LT.																							12"	646				
STA. 301+85.00, RT. TO STA. 304+23.00, RT.																							12"	238				
STA. 304+27.00, RT. TO STA. 313+32.00, RT.																					905							
STA. 307+77.00, LT. TO STA. 313+11.00, LT.																					534							
STA. 313+16.00, LT. TO STA. 316+98.00, LT.																							12"	382				
STA. 313+37.00, RT. TO STA. 316+98.00, RT.																							12"	361				
STA. 317+02.00, LT. TO STA. 318+90.00, LT.																					188							
STA. 317+02.00, RT. TO STA. 318+62.00, RT.																					160							
STA. 318+94.66, LT TO STA. 321+82.64, LT																							18"	288'				
STA. 321+86.65, LT. TO STA. 326+21.00, LT.																							12"	434				
STA. 322+02.00, RT. TO STA. 324+85.00, RT.																							12"	283				
STA. 324+89.00, RT. TO STA. 332+83.00, RT.																					794							
STA. 326+25.00, LT. TO STA. 331+55.00, LT.																					530							
STA. 331+59.00, LT. TO STA. 334+57.46, LT.																					298							
STA. 332+87.00, RT. TO STA. 334+33.00, RT.																							12"	146				
STA. 334+37.00, RT. TO STA. 335+73.00, RT.																							12"	136				
STA. 334+61.00, LT. TO STA. 336+80.00, LT.																					219							
STA. 335+77.00, RT. TO STA. 338+48.00, RT.																							12"	271				
STA. 337+02.00, LT. TO STA. 338+58.00, LT.																							15"	156				
STA. 338+52.00, RT. TO STA. 338+90.00, RT.																					38							
STA. 338+62.00, LT. TO STA. 340+98.00, LT.																							15"	236				
STA. 341+02.00, LT. TO STA. 343+13.00, LT.																							15"	211				

Filename: ...\HIGHWAY\MSTA\011_Drainage.dgn Division: HIGHWAY Username: morin Date:5/17/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	ERNE MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

DRAINAGE SHEET

SHEET NUMBER

11

OF 292

GENERAL NOTES

1. CONSTRUCT BUTTED JOINTS AT ALL PAVED DRIVES AND ENTRANCES.

2. TRIM ALL TREE BRANCHES TO 20 FEET ABOVE THE PAVEMENT AND 8 FEET ABOVE SIDEWALKS. PAYMENT WILL BE INCIDENTAL TO THE CONTRACT. ANY TREE BRANCHES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE TRIMMED AT THE CONTRACTOR'S EXPENSE.

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. 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.

5. 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.

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

7. 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.

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

9. 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.

10. 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.

11. 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.

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

13. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3 INCHES OF HOT MIX ASPHALT AND 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.

14. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL OR 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 3 INCHES OF UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT. UNTREATED AGGREGATE SURFACE COURSE, IF USED, WILL BE PAID AS ITEM 304.10.

15. CONCRETE ENTRANCES SHALL BE CONSTRUCTED WITH 10 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 4 INCHES OF REINFORCED CONCRETE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL 608(10) UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT. PAYMENT FOR REINFORCED CONCRETE DRIVEWAY WILL BE MADE BY THE SQUARE YARD UNDER ITEM 608.081 FOR THE SURFACE AREA OF COMPLETED AND ACCEPTED REINFORCED CONCRETE DRIVEWAY. EXCAVATION WILL BE PAID UNDER ITEM 203.20. AGGREGATE SUBBASE WILL BE PAID UNDER ITEM 304.10, COMPLETE IN PLACE AND ACCEPTED. EXPANSION JOINT MATERIAL, JOINT FILLER, AND OTHER RELATED ITEMS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO RELATED PAY ITEMS.

16. A 3-FOOT PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES IN NON-SIDEWALK AREAS AND A PAVED LIP SHALL BE PLACED TO THE BACK OF ADJACENT SIDEWALK AT ALL UNPAVED ENTRANCES IN SIDEWALK AREAS UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

17. ALL PAVED WALKS SHALL BE CONSTRUCTED WITH 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 2 INCHES OF HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

18. ALL PUBLIC BRICK SIDEWALKS AND PRIVATE BRICK WALKS SHALL BE CONSTRUCTED AS DETAILED IN THE BRICK SIDEWALK TYPICAL SECTION ON SHEET 4 OF THESE PROJECT PLANS. PAYMENT WILL BE MADE BY THE SQUARE YARD OF COMPLETED AND ACCEPTED BRICK WALK UNDER ITEM 608.15 BRICK SIDEWALK WITH BITUMINOUS BASE. SEE SPECIAL PROVISION 608.

19. 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.

20. 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).

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

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

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

24. ALL CULVERTS SHOWN ON THE PLANS AND CROSS SECTIONS SHALL BE SMOOTH-LINED PIPES.

25. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED EXCEPT WHERE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

26. 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.

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

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

29. AS DIRECTED BY THE RESIDENT, ALL EXISTING UNDERDRAIN OUTLETS TO REMAIN SHALL BE LOCATED, CLEANED OUT AND DITCHED AS REQUIRED OR REPLACED AS NECESSARY. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

30. ALL UNDERDRAIN NOT SHOWN ON THE CROSS SECTIONS WILL HAVE A FLOW LINE OF 5.5 FEET BELOW FINISH GRADE DIRECTLY ABOVE THE UNDERDRAIN AND THE UNDERDRAIN SAND BACKFILL WILL BE PLACED TO AN ELEVATION EQUAL TO THE BOTTOM OF THE NEW GRAVEL LAYER. ALL UNDERDRAIN SHOWN ON THE CROSS SECTIONS WILL HAVE THE FLOW LINE SCALED FROM THE CROSS SECTIONS. ALL FLOW LINE ELEVATIONS ARE SUBJECT TO APPROVAL BY THE RESIDENT.

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

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

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

34. 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.

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

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

37. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356, UNDERDRAIN DELINEATOR POST) WILL BE INSTALLED AT EACH END OF EACH RUN OF BITUMINOUS CURB, NOT INCLUDING ENTRANCES.

38. ALL TYPE A CATCH BASINS PLACED ON A TYPE 1 CIRCULAR CURB SHALL HAVE THE CURB INLET CUT AT THE SAME RADIUS AS ADJACENT CIRCULAR CURB. PAYMENT SHALL BE INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 604, MANHOLES, INLETS AND CATCH BASINS.

39. BACKING UP BITUMINOUS OR CONCRETE SLIPFORM CURB IS INCIDENTAL TO THE CURB ITEMS. IN AREAS WHERE NEW BITUMINOUS OR CONCRETE SLIPFORM CURB IS DESIGNATED TO REPLACE EXISTING, THE REMOVAL OF THE OLD BITUMINOUS OR CONCRETE SLIPFORM CURB SHALL BE INCIDENTAL TO THE NEW CURB. IF CALLED FOR ON THE PLANS OR DIRECTED BY THE RESIDENT, LOAM OR DIRTY BORROW WILL BE PAID FOR SEPARATELY.

40. 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.

41. 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.

42. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN ALL AREAS UNLESS OTHERWISE NOTED OR DIRECTED.

43. ACRYLIC LATEX COLOR FINISH GREEN (STANDARD SPECIFICATIONS ITEM 658.20, ACRYLIC LATEX COLOR FINISH) SHALL BE PLACED ON ALL PAVED ISLANDS.

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

45. 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.

46. 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.

47. 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.

48. 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.

49. THE PROJECT GEOTECHNICAL REPORTS CAN BE ACCESSED AT THE MAINEDOT WEBSITE HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/.

50. 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. MAINEDOT 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.

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

52. 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.

53. 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.

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

55. 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.

56. 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.

57. ALL HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES SHALL BE A 9.5 MM OR 12.5 MM MAINEDOT APPROVED MIX DESIGN. EXCLUDING WATER AND GAS GATE VALVES, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT FOR THE PATCH AT LEAST TWO FEET AWAY FROM THE NEAREST EDGE OF THE STRUCTURE. THE CONTRACTOR SHALL PLACE HMA IN LIFTS OF 2 INCHES OR LESS TO MATCH THE EXISTING PAVEMENT DEPTH OR A MAXIMUM OF 6 INCHES, AS DIRECTED BY THE RESIDENT, AND COMPACT THE HMA USING A MINIMUM OF A 150-POUND PLATE COMPACTOR. HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES IS CONSIDERED INCIDENTAL TO THE RESPECTIVE PAY ITEM FOR ADJUST, ALTER, OR REBUILD UTILITY STRUCTURE.

58. DEMOUNTING AND REINSTALLING WOOD AND U-CHANNEL POSTS FOR RELOCATION OF REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNAGE WILL BE CONSIDERED INCIDENTAL TO PAYMENT UNDER ITEM 645.116. POSTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR WITH NEW POSTS CONFORMING TO THE APPLICABLE SPECIFICATIONS AT NO ADDITIONAL COST TO THE CONTRACT.

59. REMOVAL OF REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNAGE AND POSTS THAT ARE NOTED TO BE REMOVED BUT NOT TO BE REINSTALLED WILL BE CONSIDERED INCIDENTAL TO THE OTHER SECTION 645 PAY ITEMS OF THE CONTRACT.

60. DEMOUNTING AND REINSTALLING WOOD POSTS FOR SMALL GUIDE SIGNS WILL BE CONSIDERED INCIDENTAL TO PAYMENT UNDER ITEM 645.113. POSTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR WITH NEW POSTS CONFORMING TO THE APPLICABLE SPECIFICATIONS AT NO ADDITIONAL COST TO THE CONTRACT.

61. ROOF DRAIN CONNECTIONS IN THIS CONTRACT WILL BE CONSIDERED THE SAME AS CELLAR DRAIN CONNECTIONS. SEE STANDARD DETAIL 802(18). PAYMENT FOR THE INSPECTION STANDPIPE AND PIPE TO CONNECT TO THE ROOF DRAIN OR CELLAR DRAIN WILL BE PAID UNDER ITEM 801.16 AS THE ACCEPTED QUANTITY OF PIPE REQUIRED. PAYMENT FOR THE PIPE CONNECTION BETWEEN THE INSPECTION STANDPIPE AND THE HIGHWAY DRAINAGE SYSTEM WILL BE MADE UNDER ITEM 605.10 FOR THE ACCEPTED QUANTITY OF PIPE REQUIRED. THE INSPECTION STANDPIPE END CAPS, CONCRETE, REBAR, STANDPIPE FITTINGS, AND CONNECTION OF THE STANDPIPE TO THE EXISTING CELLAR DRAIN AND NEW OUTLET PIPE WILL BE INCIDENTAL TO ITEM 801.16.

62. INSPECTION STANDPIPE COVERS FOR CELLAR AND ROOF DRAIN CONNECTIONS IN BRICK SIDEWALK AREAS SHALL BE NICKEL BRONZE, THREADED, FLOOR CLEANOUT COVERS SIZED TO FIT THE INSPECTION STANDPIPES. COVERS SHALL BE MANUFACTURED BY ZURN INDUSTRIES OR AN APPROVED EQUAL. PAYMENT FOR COVERS WILL BE INCIDENTAL TO ITEM 801.16.

63. A MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) ENVIRONMENTAL OFFICE INVESTIGATION SPECIFIC TO THIS PROJECT ENCOUNTERED DATA SUGGESTING PETROLEUM RELATED CONTAMINATION MAY BE PRESENT WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL EMPLOY APPROPRIATE HEALTH AND SAFETY MEASURES TO PROTECT ITS WORKERS AGAINST HAZARDS ASSOCIATED WITH WORKING NEAR PETROLEUM-IMPACTED SOILS. FURTHERMORE, THE CONTRACTOR SHALL REMAIN ALERT FOR ANY ADDITIONAL EVIDENCE OF CONTAMINATION. IF THE CONTRACTOR ENCOUNTERS EVIDENCE OF SOIL OR GROUNDWATER CONTAMINATION, THE CONTRACTOR SHALL SECURE THE EXCAVATION, STOP WORK IN THE CONTAMINATED AREA, AND IMMEDIATELY NOTIFY THE RESIDENT. THE RESIDENT SHALL CONTACT THE HYDROGEOLOGIST IN MAINEDOT'S ENVIRONMENTAL OFFICE AT 207-624-3100 AND THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION AT 800-482-0777. WORK MAY ONLY CONTINUE WITH AUTHORIZATION FROM THE RESIDENT.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER
DATE

SEARSPORT
US ROUTE 1

GENERAL NOTES

SHEET NUMBER
12
OF 292

Filename: ...\msto\012_General Notes.dgn Division: HIGHWAY Username: morin Date:4/25/2022

ITEM 609.221 TERMINAL CURB TYPE 1

STATION	OFFSET		STATION	OFFSET	LENGTH (LF)
262+44.96	22.00 RT	TO	262+52.96	22.00 RT	8.00
262+87.28	22.00 RT	TO	262+97.28	22.00 RT	10.00
263+27.04	22.00 RT	TO	263+35.04	22.00 RT	8.00
267+12.02	19.19 RT	TO	267+21.84	18.62 RT	10.00
267+37.46	20.00 LT	TO	267+41.53	20.00 LT	4.00
268+15.44	20.00 LT	TO	268+19.51	20.00 LT	4.00
267+57.27	17.28 RT	TO	267+65.15	17.13 RT	8.00
267+57.38	22.28 RT	TO	267+65.22	22.13 RT	8.00
268+09.58	17.00 RT	TO	268+17.46	17.00 RT	8.00
268+09.49	22.00 RT	TO	268+17.34	22.00 RT	8.00
268+45.97	20.00 LT	TO	268+50.04	20.00 LT	4.00
269+13.32	20.00 LT	TO	269+17.37	20.00 LT	4.00
268+52.97	17.00 RT	TO	268+67.75	17.00 RT	15.00
268+52.89	22.00 RT	TO	268+67.61	22.00 RT	15.00
268+52.81	27.00 RT	TO	268+56.72	27.00 RT	4.00
269+43.32	20.00 LT	TO	269+47.32	20.00 LT	4.00
269+79.15	17.00 RT	TO	269+87.15	17.00 RT	8.00
270+32.56	41.80 LT	TO	270+33.07	45.77 LT	4.00
270+13.15	17.00 RT	TO	270+28.15	17.00 RT	15.00
270+77.45	20.00 LT	TO	270+83.25	20.00 LT	5.80
270+92.52	20.00 LT	TO	271+00.52	20.00 LT	8.00
271+20.60	25.00 LT	TO	271+32.69	25.00 LT	12.20
271+22.69	20.00 LT	TO	271+32.69	20.00 LT	10.00
271+36.69	25.00 LT	TO	271+44.69	25.00 LT	8.00
271+36.69	20.00 LT	TO	271+44.69	20.00 LT	8.00
271+38.00	22.00 RT	TO	271+48.00	22.00 RT	10.00
271+72.49	22.00 RT	TO	271+80.49	22.00 RT	8.00
271+72.49	27.00 RT	TO	271+80.49	27.00 RT	8.00
271+69.69	20.00 LT	TO	271+77.69	20.00 LT	8.00
271+69.69	25.00 LT	TO	271+77.69	25.00 LT	8.00
271+81.69	20.00 LT	TO	271+89.69	20.00 LT	8.00
271+81.69	25.00 LT	TO	271+89.69	25.00 LT	8.00
60+10.00	12.98 RT	TO	60+18.00	12.88 RT	8.00
60+10.00	17.98 RT	TO	60+18.00	17.87 RT	8.00
60+10.00	11.88 LT	TO	60+18.00	12.30 LT	8.00
60+10.00	16.88 LT	TO	60+18.00	17.30 LT	8.00
272+20.72	22.00 RT	TO	272+28.72	22.00 RT	8.00
272+20.72	27.00 RT	TO	272+28.72	27.00 RT	8.00
71+01.33	12.02 RT	TO	71+05.29	12.23 RT	4.00
273+93.16	22.00 RT	TO	274+01.39	22.00 RT	8.00
273+03.00	25.00 RT	TO	273+06.50	25.00 RT	3.50
273+61.73	25.00 RT	TO	273+70.00	25.00 RT	8.00
274+07.57	22.00 RT	TO	274+15.80	22.00 RT	8.00
81+21.33	15.56 LT	TO	81+25.47	15.63 LT	4.00
275+67.25	23.00 LT	TO	275+75.01	23.00 LT	8.00
277+34.92	20.00 RT	TO	277+44.92	20.00 RT	10.00
274+88.71	25.00 RT	TO	274+99.04	25.00 RT	10.00
275+25.00	25.00 RT	TO	275+33.27	25.00 RT	8.00
277+50.92	20.00 RT	TO	277+59.09	20.00 RT	8.00
100+54.38	8.83 RT	TO	100+58.38	8.89 RT	4.00
100+82.05	9.23 RT	TO	100+86.05	9.29 RT	4.00
100+90.63	8.91 LT	TO	100+98.60	9.54 LT	8.00
101+40.21	12.81 LT	TO	101+45.50	13.16 LT	5.00
100+92.04	9.37 RT	TO	100+96.04	9.43 RT	4.00
100+92.00	12.37 RT	TO	101+00.00	12.49 RT	8.00
101+42.37	13.62 RT	TO	101+46.33	14.36 RT	4.00
110+50.00	10.55 LT	TO	110+54.00	10.55 LT	4.00
278+41.82	20.00 LT	TO	278+46.29	20.00 LT	4.50
334+25.00	22.00 RT	TO	334+33.00	22.00 RT	8.00
334+89.00	22.00 RT	TO	334+97.00	22.00 RT	8.00

ITEM 609.11 VERTICAL CURB TYPE 1

STATION	OFFSET		STATION	OFFSET	LENGTH (LF)
262+52.96	22.00 RT	TO	262+87.28	22.00 RT	34.32
263+35.04	22.00 RT	TO	263+43.54	22.00 RT	8.50
266+57.32	22.60 RT	TO	267+12.02	19.19 RT	55.82
267+41.53	20.00 LT	TO	267+47.63	20.00 LT	6.00
267+51.73	20.00 LT	TO	268+15.44	20.00 LT	62.63
267+65.15	17.13 RT	TO	268+09.58	17.00 RT	45.09
267+65.22	22.13 RT	TO	268+09.49	22.00 RT	45.12
268+50.04	20.00 LT	TO	269+13.32	20.00 LT	62.66
268+56.72	27.00 RT	TO	269+11.62	27.00 RT	55.63
268+67.75	17.00 RT	TO	269+79.15	17.00 RT	111.69
268+67.61	22.00 RT	TO	269+11.80	22.00 RT	44.58
269+47.32	20.00 LT	TO	270+07.77	20.00 LT	60.45
270+28.15	17.00 RT	TO	270+50.33	17.00 RT	22.18
270+83.25	20.00 LT	TO	270+92.52	20.00 LT	9.26
50+88.77	16.18 RT	TO	50+94.54	16.97 RT	6.20
271+32.69	25.00 LT	TO	271+36.69	25.00 LT	4.00
271+32.69	20.00 LT	TO	271+36.69	20.00 LT	4.00
271+48.00	22.00 RT	TO	271+72.49	22.00 RT	24.49
271+77.69	20.00 LT	TO	271+81.69	20.00 LT	4.00
271+77.69	25.00 LT	TO	271+81.69	25.00 LT	4.00
272+43.28	39.68 LT	TO	60+18.00	12.87 RT	43.52
272+39.81	45.49 LT	TO	60+18.00	17.87 RT	41.07
60+18.00	12.30 LT	TO	60+51.20	14.09 LT	33.25
60+18.00	17.30 LT	TO	60+48.95	18.97 LT	30.98
272+84.72	30.50 LT	TO	273+62.96	30.50 LT	79.46
272+92.14	27.00 LT	TO	273+60.24	27.00 LT	69.17
273+03.00	22.00 RT	TO	273+93.16	22.00 RT	84.33
273+06.50	25.00 RT	TO	273+61.73	25.00 RT	54.21
274+15.80	22.00 RT	TO	274+44.16	22.00 RT	27.55
272+92.78	20.00 LT	TO	273+94.87	20.00 LT	99.79
81+25.47	15.63 LT	TO	81+31.43	15.68 RT	6.72
274+66.65	20.00 LT	TO	275+75.01	20.00 LT	111.17
274+64.87	23.00 LT	TO	275+67.25	23.00 LT	105.41
274+91.70	22.00 RT	TO	276+00.00	22.00 RT	105.13
276+00.00	22.00 RT	TO	276+20.00	20.00 RT	19.57
276+20.00	20.00 RT	TO	277+34.92	20.00 RT	113.62
274+99.04	25.00 RT	TO	275+25.00	25.00 RT	25.12
277+59.09	20.00 RT	TO	277+71.79	20.00 RT	12.35
100+58.38	8.89 RT	TO	100+82.05	9.23 RT	23.67
100+98.60	9.54 LT	TO	101+40.21	12.81 LT	41.74
100+92.01	9.37 RT	TO	101+16.36	9.73 RT	20.32
101+16.36	9.73 RT	TO	101+42.37	13.62 RT	26.30
101+00.00	12.49 RT	TO	101+16.12	12.72 RT	16.12
101+16.12	12.72 RT	TO	101+39.71	16.25 RT	23.86
276+29.49	20.00 LT	TO	277+35.24	20.00 LT	106.79
110+50.00	11.25 RT	TO	111+36.06	10.26 RT	85.95
110+54.00	10.55 LT	TO	111+40.22	9.05 LT	86.39
277+98.72	20.09 LT	TO	278+41.82	20.00 LT	44.33
130+50.00	9.45 RT	TO	130+81.78	8.95 RT	31.48
334+33.00	22.00 RT	TO	334+89.00	22.00 RT	56.00

ITEM 609.12 VERTICAL CURB TYPE 1-CIRCULAR

STATION	OFFSET		STATION	OFFSET	RADIUS	LENGTH (LF)
263+43.54	22.00 RT	TO	263+61.92	34.13 RT	20'	23.32
270+07.77	20.00 LT	TO	270+32.56	41.80 LT	25'	36.06
270+50.33	17.00 RT	TO	270+55.48	17.61 RT	22'	5.20
270+71.1	31.80 RT	TO	270+72.01	35.66 RT	22'	4.00
270+52.53	43.01 LT	TO	270+57.46	30.00 LT	25'	14.10
50+94.54	16.97 RT	TO	50+98.17	17.91 RT	22'	4.00
272+24.39	21.52 LT	TO	272+28.23	23.02 LT	30'	4.00
272+22.33	28.31 LT	TO	272+39.81	45.49 LT	27'	25.44
60+51.20	14.09 LT	TO	60+62.39	16.17 LT	20'	9.45
60+48.95	18.97 LT	TO	272+92.14	27.00 LT	15'	26.90
273+60.23	27.00 LT	TO	273+64.08	31.05 LT	4'	6.32
272+28.72	22.00 RT	TO	272+34.54	22.53 RT	32'	5.86
272+53.19	33.38 RT	TO	272+59.13	44.04 RT	32'	12.28
272+28.72	27.00 RT	TO	71+00.13	16.35 LT	27'	33.87
71+05.29	12.23 RT	TO	71+11.42	13.50 RT	20'	6.34
81+31.55	17.40 LT	TO	81+35.07	19.00 LT	30'	4.00
274+60.00	20.82 LT	TO	274+66.65	20.00 LT	30'	6.89
277+71.79	20.00 RT	TO	120+62.06	9.81 LT	35'	41.38
111+36.06	10.26 RT	TO	111+46.10	11.99 RT	25'	10.07
111+40.22	9.05 LT	TO	111+52.50	12.27 LT	25'	13.06
130+81.78	8.95 RT	TO	130+89.01	9.86 RT	25'	7.31
272+43.28	39.67 LT	TO	272+43.97	41.82 LT	30'	2.26

ITEM 609.222 TERMINAL CURB TYPE 1-CIRCULAR

STATION	OFFSET		STATION	OFFSET	RADIUS	LENGTH (LF)
263+61.92	34.13 RT	TO	263+63.44	40.03 RT	20'	6.11
266+49.73	24.62 RT	TO	266+57.32	22.60 RT	25'	8.00
270+55.48	17.61 RT	TO	270+62.73	20.87 RT	22'	8.00
270+67.15	24.89 RT	TO	270+70.94	31.80 RT	22'	8.00
270+72.01	35.66 RT	TO	270+71.89	43.62 RT	22'	8.00
270+52.53	47.00 LT	TO	270+52.53	43.01 RT	25'	4.00
270+57.46	30.00 LT	TO	270+63.19	24.47 LT	25'	8.00
270+68.48	21.67 LT	TO	270+77.45	20.00 LT	25'	9.20
50+98.17	17.91 RT	TO	51+04.52	21.95 RT	22'	8.00
272+16.69	20.00 LT	TO	272+24.39	21.52 LT	30'	8.00
272+28.23	23.02 LT	TO	272+34.88	27.44 LT	30'	8.00
272+39.56	32.62 LT	TO	272+43.28	39.68 LT	30'	8.00
272+16.69	27.17 LT	TO	272+22.33	28.31 LT	27'	5.77
60+62.39	16.17 LT	TO	60+71.25	20.23 LT	20'	8.00
272+34.54	22.53 RT	TO	272+42.15	24.95 RT	32'	8.00
272+47.33	28.00 RT	TO	272+53.19	33.38 RT	32'	8.00
272+59.13	44.04 RT	TO	70+93.92	9.96 LT	32'	8.00
71+00.13	16.35 LT	TO	70+93.48	14.94 LT	27'	6.75
71+11.42	13.50 RT	TO	71+18.06	17.76 RT	20'	8.00
272+93.41	24.45 RT	TO	273+03.00	22.00 RT	20'	10.00
272+98.55	25.59 RT	TO	273+03.00	25.00 RT	17'	4.50
274+44.16	22.00 RT	TO	274+52.15	23.45 RT	16'	8.00
272+84.91	21.18 LT	TO	272+92.78	20.00 LT	20'	8.00
273+94.86	20.00 LT	TO	274+02.28	22.12 LT	15'	8.00
81+32.43	15.68 RT	TO	81+39.76	17.21 RT	15'	8.00
81+27.83	16.33 LT	TO	81+31.55	17.40 LT	30'	4.00
81+35.07	19.00 LT	TO	81+41.26	23.65 LT	30'	8.00
274+56.29	22.03 LT	TO	274+60.00	20.82 LT	30'	4.00
275+75.01	20.00 LT	TO	275+85.31	24.48 LT	15'	11.80
274+57.33	24.83 LT	TO	274+64.87	23.06 LT	27'	8.00
274+87.64	22.56 RT	TO	274+91.70	22.00 RT	12'	4.00
120+62.06	9.81 LT	TO	120+54.61	8.56 LT	35'	8.00
101+45.50	13.16 LT	TO	101+49.98	14.20 LT	15'	5.00
276+22.08	22.12 LT	TO	276+29.49	20.00 LT	15'	8.00
277+35.24	20.00 LT	TO	277+44.92	22.24 LT	25'	10.00
111+46.10	11.99 RT	TO	111+54.72	17.26 RT	25'	10.00
111+52.50	12.27 LT	TO	111+55.72	14.54 LT	25'	4.00
277+91.24	22.14 LT	TO	277+98.72	20.09 LT	25'	8.00
278+46.29	20.00 LT	TO	278+56.04	22.18 LT	25'	10.50
130+89.01	9.86 RT	TO	278+60.97	25.32 LT	25'	15.00

NOTE: SEE PLAN SHEETS FOR LOCATIONS OF OTHER PAY ITEMS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE 4226
P.E. NUMBER
DATE

SEARSPORT
US ROUTE 1

CONSTRUCTION NOTES

Filename: ...\013_Construction Notes.dgn Division: HIGHWAY Username: morin Date:4/25/2022

Filename: ...\014_Construction Notes.dgn Division: HIGHWAY Username: morin Date:4/25/2022

ITEM 609.31 CURB TYPE 3

STATION	OFFSET		STATION	OFFSET	LENGTH (LF)	RADIUS
241+50.00	19.42 LT	TO	242+14.40	17.00 LT	64.22	—
241+86.62	29.00 RT	TO	242+12.78	17.00 RT	29.77	35′
242+12.78	17.00 RT	TO	243+45.85	17.00 RT	133.52	—
242+41.80	17.00 LT	TO	245+14.90	17.00 LT	272.18	—
243+71.80	17.00 RT	TO	245+30.21	17.00 RT	158.94	—
245+44.66	17.00 LT	TO	247+46.49	17.00 LT	201.14	—
245+56.08	17.00 RT	TO	247+28.60	17.00 RT	173.11	—
247+54.58	17.00 RT	TO	248+48.36	17.00 RT	94.10	—
247+73.11	17.00 LT	TO	248+88.37	17.00 LT	114.88	—
248+74.27	17.00 RT	TO	249+50.72	17.00 RT	76.71	—
249+14.46	17.00 LT	TO	250+41.00	17.00 LT	126.35	—
249+76.64	17.00 RT	TO	252+27.47	17.00 RT	248.54	—
251+30.00	20.00 LT	TO	252+06.43	20.00 LT	77.69	—
252+35.01	20.00 LT	TO	252+85.76	20.00 LT	51.58	—
252+53.84	17.00 RT	TO	254+05.75	17.00 RT	149.80	—
253+13.04	20.00 LT	TO	253+36.59	20.00 LT	23.93	—
253+66.24	20.00 LT	TO	254+76.20	20.00 LT	111.76	—
254+76.20	20.00 LT	TO	21+51.09	17.13 RT	57.73	40′
21+51.09	17.13 RT	TO	20+51.79	16.40 RT	101.83	—
20+25.00	14.85 LT	TO	21+00.00	15.29 LT	74.06	—
21+62.95	20.88 LT	TO	255+80.62	20.21 LT	39.52	40′
254+32.15	17.00 RT	TO	255+22.02	17.00 RT	88.62	—
255+48.39	17.00 RT	TO	256+63.68	17.00 RT	107.17	—
256+00.22	20.00 LT	TO	256+92.24	20.00 LT	86.24	—
256+90.67	17.00 RT	TO	258+64.41	17.00 RT	170.05	—
257+34.03	20.00 LT	TO	257+92.24	20.00 LT	59.67	—
258+20.98	20.00 LT	TO	259+87.08	20.00 LT	170.26	—
258+91.62	17.00 RT	TO	259+46.80	17.00 RT	54.00	—
259+73.36	17.00 RT	TO	260+21.98	17.00 RT	47.58	—
260+06.95	20.00 LT	TO	260+45.33	20.00 LT	39.33	—
260+48.54	17.00 RT	TO	261+02.28	17.00 RT	46.96	—
260+81.85	18.86 LT	TO	260+88.86	17.00 LT	7.48	15′
260+88.86	17.00 LT	TO	261+18.74	17.00 LT	30.51	—
261+28.80	17.00 RT	TO	262+20.06	17.00 RT	91.26	—
261+44.61	17.00 LT	TO	262+21.91	17.00 LT	77.30	—
262+45.69	17.00 RT	TO	262+97.28	17.00 RT	51.59	—
262+47.86	17.00 LT	TO	264+35.40	17.00 LT	186.69	—
263+27.04	17.00 RT	TO	263+43.54	17.00 RT	16.50	—
263+43.54	17.00 RT	TO	263+68.45	39.89 RT	25.55	25′
263+94.23	39.41 RT	TO	264+16.96	17.00 RT	22.42	25′
264+16.96	17.00 RT	TO	264+75.00	17.00 RT	58.94	—
264+63.42	17.00 LT	TO	266+06.00	17.00 LT	140.29	—
265+00.66	17.00 RT	TO	265+71.07	21.58 RT	71.84	—
265+71.07	21.58 RT	TO	266+01.02	39.96 RT	24.52	40′
266+35.33	49.25 RT	TO	266+41.43	30.79 RT	20.00	—
120+55.20	9.12 RT	TO	278+48.14	20.00 RT	36.06	20′
278+48.14	20.00 RT	TO	278+99.41	20.00 RT	49.81	—
130+50.00	9.66 LT	TO	130+93.10	11.57 LT	43.47	—
130+93.10	11.57 LT	TO	279+03.47	20.00 LT	15.94	15′
279+03.47	20.00 LT	TO	279+31.55	20.00 LT	28.48	—
279+26.18	20.00 RT	TO	280+40.09	20.00 RT	110.65	—
279+55.02	20.00 LT	TO	279+98.69	20.00 LT	44.95	—
280+23.97	20.00 LT	TO	280+48.33	20.00 LT	25.05	—
280+66.85	20.00 RT	TO	281+31.03	20.00 RT	62.33	—
280+66.85	24.00 RT	TO	281+31.03	24.00 RT	61.93	—
280+77.51	18.83 LT	TO	281+66.04	17.00 LT	90.54	—
281+67.75	20.00 RT	TO	281+85.71	20.00 RT	17.96	—
281+67.75	24.00 RT	TO	281+77.92	24.00 RT	10.17	—
282+05.72	20.00 RT	TO	282+40.19	20.00 RT	34.47	—
282+24.55	17.00 LT	TO	283+00.00	17.00 LT	76.53	—
283+00.00	17.00 LT	TO	140+95.82	15.94 RT	39.24	24
140+75.00	15.73 RT	TO	140+95.82	15.94 RT	20.82	—
140+75.00	11.21 LT	TO	141+23.28	16.22 LT	53.07	—
141+23.28	16.22 LT	TO	283+95.81	17.00 LT	34.95	45
282+60.36	20.00 RT	TO	283+08.06	20.00 RT	46.87	—
283+34.52	20.00 RT	TO	284+31.20	20.00 RT	89.00	—
283+95.81	17.00 LT	TO	284+65.66	17.00 LT	70.88	—
284+73.87	20.00 RT	TO	288+22.22	20.00 RT	348.38	—
284+91.41	17.00 LT	TO	285+90.46	17.00 LT	99.50	—
286+16.46	16.00 LT	TO	287+34.73	16.00 LT	118.01	—
287+61.08	17.00 LT	TO	288+57.93	17.00 LT	96.34	—
288+45.32	20.00 RT	TO	288+61.42	20.00 RT	16.21	—

ITEM 609.31 CURB TYPE 3

STATION	OFFSET		STATION	OFFSET	LENGTH (LF)	RADIUS
288+91.40	20.00 RT	TO	289+80.98	20.00 RT	89.83	—
288+92.13	17.00 LT	TO	289+78.97	17.00 LT	86.62	—
290+42.22	20.00 RT	TO	291+01.17	20.00 RT	59.89	—
290+43.00	17.00 LT	TO	290+96.70	17.00 LT	52.97	—
291+23.06	17.00 LT	TO	291+96.42	17.00 LT	72.37	—
291+26.76	20.00 RT	TO	291+59.94	20.00 RT	33.71	—
291+85.53	20.00 RT	TO	291+95.31	20.00 RT	9.93	—
292+15.00	20.00 RT	TO	293+88.14	20.00 RT	174.29	—
293+88.14	20.00 RT	TO	294+03.01	33.01 RT	21.57	15′
292+22.78	17.00 LT	TO	293+23.20	17.00 LT	99.47	—
293+49.20	17.00 LT	TO	294+01.00	17.00 LT	51.80	—
294+26.52	36.63 RT	TO	294+41.51	20.00 RT	24.19	15′
294+27.00	17.00 LT	TO	294+69.53	17.00 LT	42.53	—
294+69.53	17.00 LT	TO	294+74.80	17.71 LT	5.34	20′
294+41.72	20.00 RT	TO	295+02.91	20.00 RT	61.40	—
295+22.58	17.71 LT	TO	295+27.85	17.00 LT	5.34	20′
295+27.85	17.00 LT	TO	295+79.36	17.00 LT	51.51	—
295+29.69	20.00 RT	TO	296+50.58	20.00 RT	121.80	—
296+05.36	17.00 LT	TO	296+93.65	17.00 LT	86.51	—
296+93.65	17.00 LT	TO	296+98.67	17.59 LT	4.95	20′
296+70.07	20.00 RT	TO	297+09.68	20.00 RT	30.43	—
297+19.14	20.00 RT	TO	297+47.65	20.00 RT	29.30	—
297+52.25	20.44 LT	TO	297+56.62	20.00 LT	4.28	20′
297+56.62	20.00 LT	TO	297+96.18	20.00 LT	32.47	—
297+67.12	20.00 RT	TO	298+36.00	20.00 RT	64.78	—
298+16.74	20.00 LT	TO	300+42.68	20.00 LT	219.70	—
300+42.68	20.00 LT	TO	300+60.27	26.13 LT	18.39	30′
298+71.00	20.00 RT	TO	299+61.92	20.00 RT	93.43	—
299+81.42	20.00 RT	TO	300+11.21	20.00 RT	30.61	—
300+44.25	20.00 RT	TO	301+08.62	20.00 RT	66.11	—
301+08.62	20.00 RT	TO	301+25.96	36.88 RT	16.00	20′
301+12.26	26.09 LT	TO	301+30.00	20.00 LT	18.51	30′
301+30.00	20.00 LT	TO	301+86.86	20.00 LT	56.57	—
301+44.36	40.90 RT	TO	301+72.94	20.00 RT	23.24	30′
301+72.94	20.00 RT	TO	301+92.94	20.00 RT	20.00	—
302+07.34	20.00 LT	TO	304+75.85	20.00 LT	268.51	—
302+14.94	20.00 RT	TO	303+12.40	20.00 RT	97.46	—
303+35.40	20.00 RT	TO	303+84.84	20.00 RT	49.44	—
304+10.84	20.00 RT	TO	305+70.55	20.00 RT	159.71	—
305+10.18	20.00 LT	TO	308+18.25	20.00 LT	308.07	—
305+93.84	20.00 RT	TO	306+34.92	20.00 RT	41.08	—
306+60.92	20.00 RT	TO	308+73.83	20.00 RT	212.91	—
308+38.40	20.00 LT	TO	308+81.76	20.00 LT	43.36	—
308+73.83	20.00 RT	TO	308+98.80	43.79 RT	25.42	25′
309+24.51	42.12 RT	TO	309+53.45	20.00 RT	24.52	30′
309+53.45	20.00 RT	TO	311+32.78	20.00 RT	179.33	—
309+09.26	20.00 LT	TO	310+32.80	20.00 LT	123.54	—
310+52.80	20.00 LT	TO	311+43.07	20.00 LT	90.27	—
311+67.22	20.00 LT	TO	312+16.54	20.33 LT	49.01	—
311+68.77	20.00 RT	TO	312+91.16	21.42 RT	123.21	—
312+42.71	20.68 LT	TO	315+53.69	22.00 LT	309.09	—
313+26.91	22.00 RT	TO	314+06.19	22.00 RT	79.84	—
314+51.50	22.00 RT	TO	314+97.37	22.00 RT	46.20	—
315+29.91	22.00 RT	TO	315+54.74	22.00 RT	24.93	—
315+54.74	22.00 RT	TO	315+60.38	22.53 RT	5.67	30′
315+79.69	22.00 LT	TO	316+13.26	22.00 LT	33.57	—
316+29.01	42.50 RT	TO	316+41.00	26.94 RT	20.00	30′
316+39.26	22.00 LT	TO	318+08.35	22.00 LT	169.34	—
316+91.45	22.00 RT	TO	317+81.24	22.00 RT	89.63	—
318+33.20	22.00 RT	TO	319+40.10	22.00 RT	106.47	—
318+51.21	22.00 LT	TO	320+14.00	22.00 LT	163.43	—
319+87.93	22.00 RT	TO	321+38.69	22.00 RT	150.20	—
320+52.83	22.00 LT	TO	320+79.13	22.00 LT	26.40	—
321+17.27	22.00 LT	TO	321+53.25	22.00 LT	36.04	—
321+79.26	22.00 LT	TO	322+06.52	22.00 LT	27.26	—
321+83.70	22.00 RT	TO	323+06.13	22.00 RT	122.43	—
322+32.50	22.00 LT	TO	323+64.38	22.00 LT	131.88	—
323+32.13	22.00 RT	TO	323+86.92	22.00 RT	54.79	—
323+90.38	22.00 LT	TO	325+09.32	22.00 LT	118.94	—
324+12.92	22.00 RT	TO	325+41.41	22.00 RT	128.49	—
325+35.32	22.00 LT	TO	326+57.87	22.00 LT	122.55	—
325+67.41	22.00 RT	TO	328+06.82	22.00 RT	239.41	—

ITEM 609.31 CURB TYPE 3

STATION	OFFSET		STATION	OFFSET	LENGTH (LF)	RADIUS
327+23.09	58.49 LT	TO	327+23.17	42.00 LT	16.49	—
327+23.17	42.00 LT	TO	327+43.17	22.00 LT	31.42	20′
327+43.17	22.00 LT	TO	328+78.39	22.00 LT	128.98	—
328+32.82	22.00 RT	TO	328+82.62	22.00 RT	49.80	—
329+04.28	22.00 LT	TO	330+28.65	22.00 LT	124.37	—
329+08.69	22.00 RT	TO	330+20.92	22.00 RT	112.23	—
330+50.92	22.00 RT	TO	332+94.78	22.00 RT	243.86	—
330+60.65	22.00 LT	TO	331+13.56	22.00 LT	52.91	—
331+41.53	24.00 LT	TO	331+72.82	24.00 LT	31.29	—
332+25.56	22.00 LT	TO	332+67.21	22.00 LT	41.65	—
332+93.21	22.00 LT	TO	334+13.56	22.00 LT	120.35	—
333+24.78	22.00 RT	TO	333+56.77	22.00 RT	31.90	—
334+25.00	22.00 RT	TO	334+97.00	22.00 RT	72.00	—
334+39.56	22.00 LT	TO	334+74.35	22.00 LT	34.79	—
335+00.35	22.00 LT	TO	336+54.68	22.00 LT	154.17	—
335+23.00	22.00 RT	TO	335+77.19	22.00 RT	54.19	—
335+77.19	22.00 RT	TO	335+92.06	35.00 RT	15.56	15′
336+51.15	39.22 RT	TO	336+56.96	22.00 RT	24.53	10′
336+56.96	22.00 RT	TO	337+35.55	22.00 RT	79.60	—
336+80.99	22.00 LT	TO	337+56.35	22.00 LT	74.49	—
337+35.55	22.00 RT	TO	337+40.34	39.93 RT	24.21	10′
337+84.60	39.88 RT	TO	338+02.64	22.00 RT	28.49	18′
337+82.64	22.00 LT	TO	337+97.17	22.00 LT	14.36	—
338+02.64	22.00 RT	TO	338+58.96	22.00 RT	56.90	—
338+23.46	22.00 LT	TO	343+20.00	19.60 LT	496.54	—
338+58.96	22.00 RT	TO	339+03.32	49.12 RT	55.10	54′

NOTE: SEE PLAN SHEETS FOR LOCATIONS OF OTHER PAY ITEMS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CONSTRUCTION NOTES

SHEET NUMBER
14
OF 292

Filename: ...\015_Construction Notes.dgn Division: HIGHWAY Username: morin Date:4/25/2022

ITEM 202.15 REMOVE MH OR CB

STATION	OFFSET
241+34.90	29.50' LT
243+96.87	22.31' LT
244+11.66	16.14' RT
246+51.98	26.68' LT
248+54.79	28.61' LT
250+79.72	18.31' RT
252+53.49	25.76' LT
254+77.42	24.10' LT
21+31.06	15.25' RT
21+62.02	27.52' LT
255+89.68	15.29' RT
258+88.97	16.39' RT
258+92.94	19.32' LT
262+99.25	18.96' RT
262+99.95	16.34' LT
267+47.50	17.96' RT
267+45.11	17.79' LT
270+95.89	18.93' LT
271+15.82	20.69' RT
272+43.29	18.26' LT
272+87.25	21.82' RT
273+60.91	25.43' RT
273+67.36	21.19' LT
274+44.96	28.72' LT
276+06.57	20.14' LT
277+81.87	18.58' RT
277+88.71	17.37' LT
278+57.13	17.25' LT
279+96.93	20.22' LT
280+23.18	15.98' RT
283+23.83	19.73' LT
284+59.61	16.74' RT
284+57.33	20.57' LT
287+96.88	39.44' LT
289+15.42	64.63' RT
294+01.22	18.65' RT
293+93.62	17.82' LT
295+22.20	17.94' LT
298+65.41	20.82' RT
298+57.16	15.01' LT
301+02.90	17.98' RT
301+03.45	20.24' LT.
306+06.68	16.86' RT.
306+00.83	19.68' LT.
309+55.95	15.40' RT.
309+55.51	20.38' LT.
313+13.83	19.10' LT.
316+97.21	20.52 RT.
316+99.11	16.82' LT.
318+67.13	19.15' RT.
321+96.52	20.12' RT.
321+92.22	23.62' LT.
324+97.66	21.59' LT.
324+96.58	18.05' RT.
326+22.60	30.65' LT.
331+62.81	24.77' LT
333+13.28	29.13' LT
336+17.42	27.43' LT.
337+27.19	21.24' LT.
339+28.40	17.84' LT
341+05.31	19.92' LT

ITEM 610.08 PLAIN RIPRAP

STATION	SIDE			
241+34.90	LT			
241+35.25	RT			
243+87.50	LT			
244+08.00	RT			
246+50.00	LT			
246+44.31	RT			
250+65.85	LT			
250+86.40	RT			
30+75.00	LT			
30+34.20	LT			
30+38.80	RT			
266+34.88	LT			
266+93.00	RT			
267+04.69	LT			
280+94.00	RT			
285+27.00	RT			
284+15.00	LT			
287+71.50	LT			
288+77.00	RT			
289+50.00	LT			
298+72.00	LT			
301+14.83	LT			
313+08.90	LT			
313+19.85	RT			
317+00.00	LT			
318+41.78	RT			
318+20.66	RT			
318+45.23	RT			
319+02.75	LT			
321+83.07	LT			
343+59.60	LT			
343+67.30	LT			
343+67.30	RT			
256+26.05	RT			
21+02.00	LT	TO	21+83.00	LT
313+10.00	LT	TO	313+69.00	LT
326+25.00	LT	TO	326+69.00	LT

ITEM 610.16 HEAVY RIPRAP

STATION	SIDE
250+86.40	RT
256+14.00	RT

ITEM 613.319 EROSION CONTROL BLANKET

STATION	TO	STATION	SIDE
241+35	TO	242+00	LT
243+34	TO	243+88	LT
245+50	TO	246+50	LT
247+75	TO	248+75	LT
249+15	TO	250+25	LT
256+64	TO	256+45	RT
30+34	TO	30+75	LT
140+95	TO	141+25	LT
281+01	TO	281+57	RT
283+78	TO	284+56	LT
298+52	TO	299+50	LT
319+15	TO	320+15	LT
341+31	TO	342+50	LT

ITEM 642.183 GRANITE STEPS

STATION	SIDE	REMARKS
273+75.50	LT	2 HANDRAILS
273+89.06	LT	2 HANDRAILS
274+61.95	LT	2 HANDRAILS
274+75.00	LT	2 HANDRAILS
275+09.84	LT	2 HANDRAILS
275+14.39	RT	NO HANDRAIL
275+21.41	LT	2 HANDRAILS
275+25.00	RT	NO HANDRAIL
275+36.97	LT	2 HANDRAILS
275+65.72	LT	2 HANDRAILS

NOTE: SEE PLAN SHEETS FOR LOCATIONS OF OTHER PAY ITEMS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALC	ALC	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CONSTRUCTION NOTES

SHEET NUMBER

15

OF 292

ITEM 607.24 REMOVE AND RESET FENCE		
STATION TO STATION	SIDE	LENGTH
322+32.50 TO 322+39.50	LT	25'

ITEM 626.21 METALLIC CONDUIT			
STATION	OFFSET	LENGTH (LF)	REMARKS
274+47.50	43' LT TO POWER SOURCE	25	INCL. RISER

ITEM 606.265 TERMINAL END-SINGLE RAIL- GALV. STEEL	
STATION	OFFSET
266+00.0	38.3' LT
267+28.8	40.4' LT
30+21.35	30.1' RT
267+22.8	43.7' RT

ITEM 626.22 NON-METALLIC CONDUIT		
FROM	TO	LENGTH (FT)
(FROM/TO NOTATIONS ARE POLE AND JUNCTION BOX NUMBERS)		
CIRCUIT 1:		
CABINET	JB2	5
JB2	JB1	53
JB1	3	8
3	2	50
2	1	50
9	8	54
8	7	57
7	JB4	3
JB4	JB3	55
JB3	6	12
6	5	55
5	4	47
4	JB2	27
CIRCUIT 2:		
CABINET	JB2	5
JB2	JB5	64
JB5	13	4
13	12	46
12	11	45
11	10	45
19	18	55
18	17	55
17	16	53
16	15	48
15	14	48
14	JB6	3
JB6	JB5	47

ITEM 606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	
STATION	SIDE
30+35.43	RT
30+85.43	RT
266+57.8	RT
267+07.8	RT
266+14.7	LT
267+14.7	LT

SUMMARY OF EARTHWORK AND BORROW

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS) _____ 46,734 CY
PAVEMENT REMOVAL OUTSIDE OF SECTIONS _____ 0 CY
TOTAL COMMON EXCAVATION _____ 46,734 CY

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS) _____ 2,506 CY
GRUBBING IN FILL _____ 0 CY
TOTAL FILL _____ 2,506 CY

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION _____ 500 CY
TOTAL ROCK EXCAVATION _____ 500 CY

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION _____ 46,734 CY
DEDUCTIONS:
PAVEMENT IN SECTIONS _____ 7,475 CY
GRUBBING IN CUT _____ 4,396 CY
PAVEMENT OUTSIDE OF SECTIONS _____ 0 CY
(2) TOTAL DEDUCTIONS _____ 11,871 CY
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2) _____ 34,863 CY
TOTAL AVAILABLE STRUCT. EXC. (USUALLY UNDERDRAIN ONLY) _____ 5,109 CY
TOTAL AVAILABLE NON-ROCK EXCAVATION _____ 39,972 CY

COMPUTATION OF COMMON BORROW FOR ESTIMATE

(3) TOTAL FILL _____ 2,506 CY

TOTAL AVAILABLE NON-ROCK EXCAV. _____ 39,972 x 0.90 = 35,975 CY
TOTAL AVAILABLE ROCK EXCAV. _____ 500 x 1.30 = 650 CY
TOTAL AVAILABLE STRCT. ROCK _____ 568 x 1.30 = 738 CY

(4) TOTAL AVAILABLE EXCAVATION _____ 37,363 CY
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION _____ 0 CY

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

TOTAL SURPLUS WASTE MATERIAL _____ 46,728 CY

NOTE: SEE PLAN SHEETS FOR LOCATIONS OF OTHER PAY ITEMS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN				
DESIGN-DETAILED	MSM	MSM	4-22		
CHECKED-REVIEWED	ALC	ALC	4-22		
DESIGN2-DETAILED2					
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CONSTRUCTION NOTES

SHEET NUMBER
16
OF 292

Filename: ...\016_Construction Notes.dgn Division: HIGHWAY Username: morin Date:4/25/2022

NOTE:
CURB TERMINAL ENDS ON SIDEWALK SECTIONS SHALL BE 8' LONG UNLESS OTHERWISE NOTED.
CURB TERMINAL ENDS ON NON-SIDEWALK SECTIONS SHALL BE 4' LONG UNLESS OTHERWISE NOTED.

CHRISTINE NUNEMAKER

DOROTHY B. COLE
JONATHAN S. COLE

BUSINESS OLD GLORY ANTIQUES

CURVE DATA #1
PI = 244+02.76
D = 1°08'45.3"
Δ = 13°02'16.4" Lt.
R = 5000.00'
L = 1137.77'
T = 571.35'
E = 32.54'

JAMES MCGOWAN

HISTORICAL BLANCHARD HOUSE

AGNES F. CARR GOU

CRYSTAL L. ANDERSON
SEAN P. ANDERSON

FREDERICK S. STONE
DEBORAH A. PULLEN

TERESA ZAJONCZKOSKI

CINDY MAR

STA. 241+00.00
BEGIN PROJECT NO. NH-1728(100)E
BEGIN REHABILITATION WITH
SHOULDER RECONSTRUCTION.
LIMIT OF WORK.

STA. 241+67.88
= STA. 11+56.08

STA. 10+50.00
LIMIT OF WORK

REMOVE CB AND PIPES

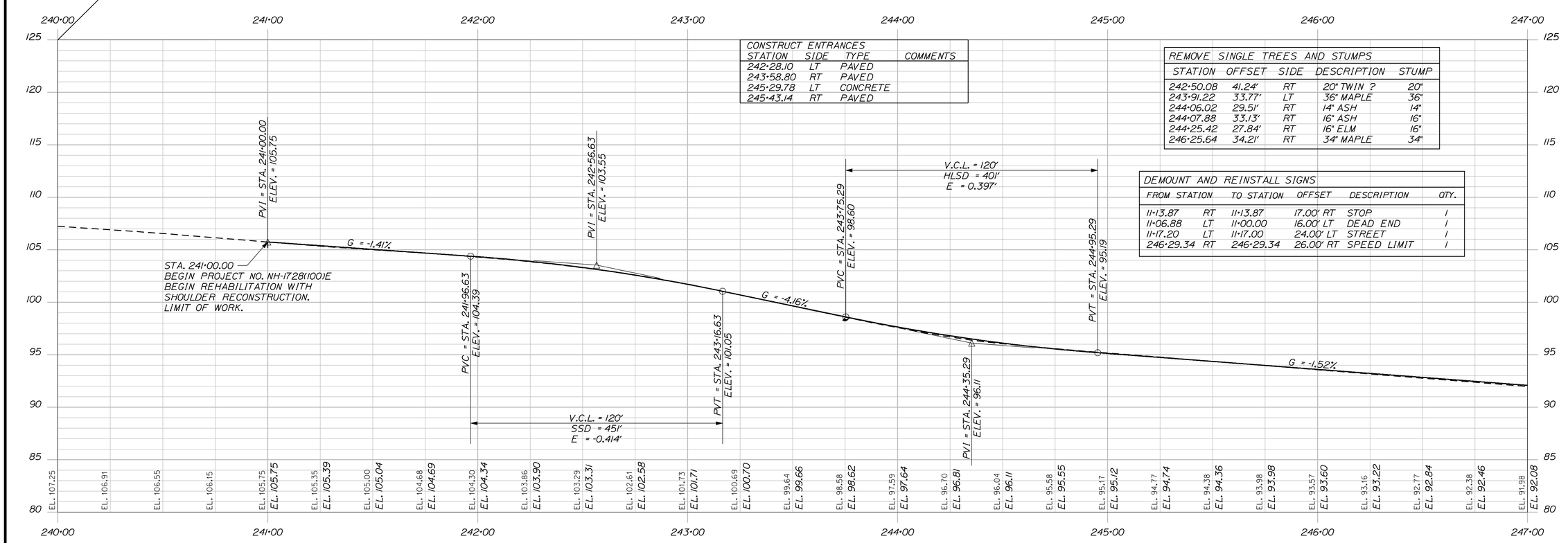
SAVAGE ROAD

DEAD END STREET

CONSTRUCT ENTRANCES			
STATION	SIDE	TYPE	COMMENTS
242+28.10	LT	PAVED	
243+58.80	RT	PAVED	
245+29.78	LT	CONCRETE	
245+43.14	RT	PAVED	

REMOVE SINGLE TREES AND STUMPS				
STATION	OFFSET	SIDE	DESCRIPTION	STUMP
242+50.08	41.24'	RT	20" TWIN ?	20"
243+91.22	33.77'	LT	36" MAPLE	36"
244+06.02	29.51'	RT	14" ASH	14"
244+07.88	33.13'	RT	16" ASH	16"
244+25.42	27.84'	RT	16" ELM	16"
246+25.64	34.21'	RT	34" MAPLE	34"

DEMOUNT AND REINSTALL SIGNS					
FROM STATION		TO STATION	OFFSET	DESCRIPTION	QTY.
11+13.87	RT	11+13.87	17.00' RT	STOP	1
11+06.88	LT	11+00.00	16.00' LT	DEAD END	1
11+17.20	LT	11+17.00	24.00' LT	STREET	1
246+29.34	RT	246+29.34	26.00' RT	SPEED LIMIT	1



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E
WIN 17281.00
HIGHWAY PLANS

SIGNATURE
4226
P.E. NUMBER

DATE

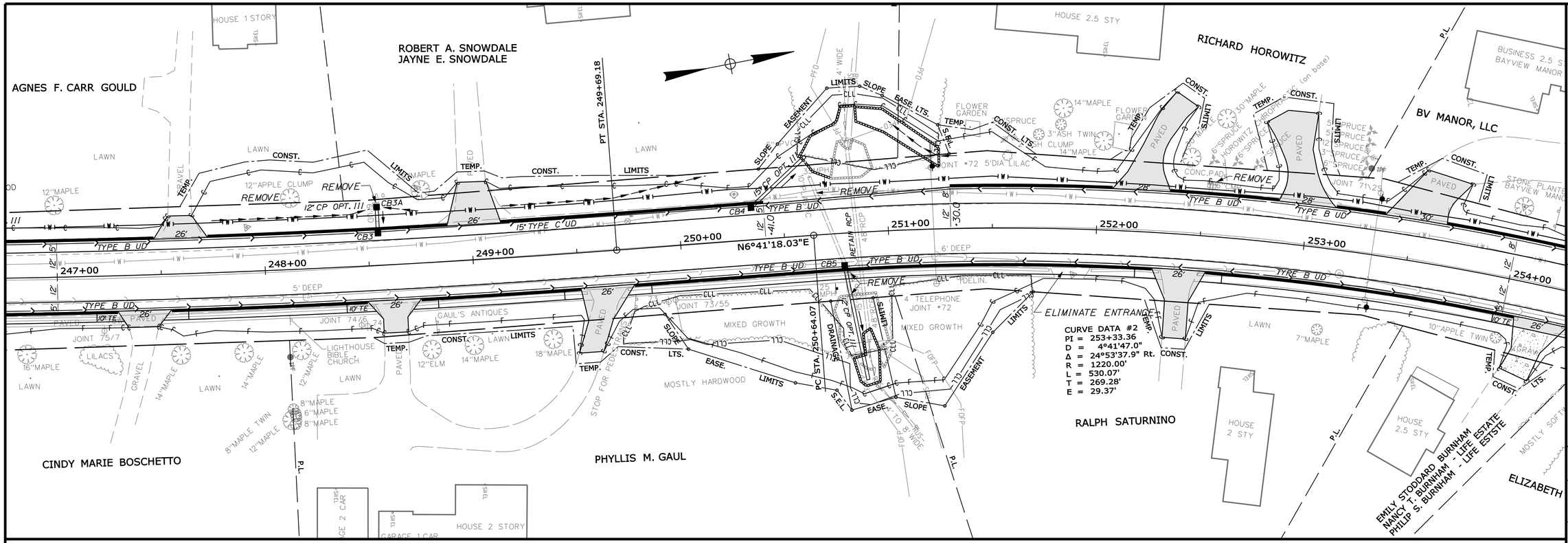
PROJ. MANAGER	ERNIE MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALG
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

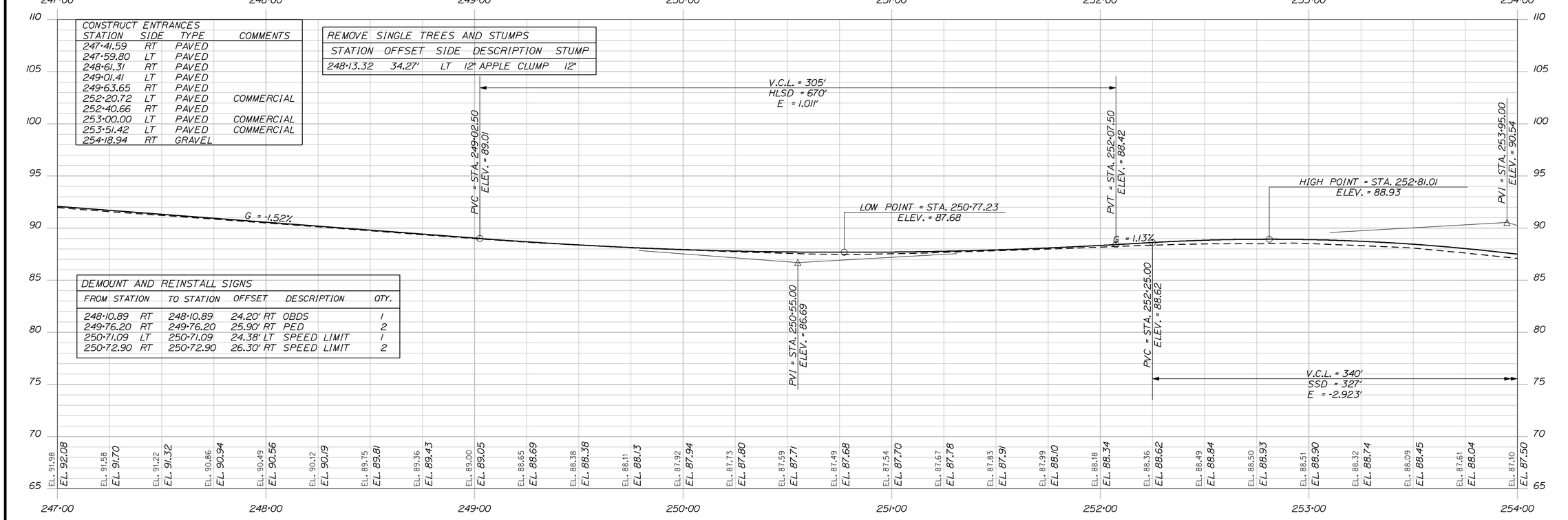
DATE	BY
4-22	MSM
4-22	

SEARSPORT
US ROUTE 1
PLANS

SHEET NUMBER
17
OF 292

Filename: ...\highway\ms1o\017_HDPlan1.dgn Division: HIGHWAY Username: morin Date:4/25/2022





CONSTRUCT ENTRANCES

STATION	SIDE	TYPE	COMMENTS
247·41.59	RT	PAVED	
247·59.80	LT	PAVED	
248·61.31	RT	PAVED	
249·01.41	LT	PAVED	
249·63.65	RT	PAVED	
252·20.72	LT	PAVED	COMMERCIAL
252·40.66	RT	PAVED	
253·00.00	LT	PAVED	COMMERCIAL
253·51.42	LT	PAVED	COMMERCIAL
254·18.94	RT	GRAVEL	

REMOVE SINGLE TREES AND STUMPS

STATION	OFFSET	SIDE	DESCRIPTION	STUMP
248·13.32	34.27'	LT	12" APPLE CLUMP	12"

DEMOUNT AND REINSTALL SIGNS

FROM STATION		TO STATION	OFFSET	DESCRIPTION	QTY.
248·10.89	RT	248·10.89	24.20' RT	OBDS	1
249·76.20	RT	249·76.20	25.90' RT	PED	2
250·71.09	LT	250·71.09	24.38' LT	SPEED LIMIT	1
250·72.90	RT	250·72.90	26.30' RT	SPEED LIMIT	2

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226
P.E. NUMBER

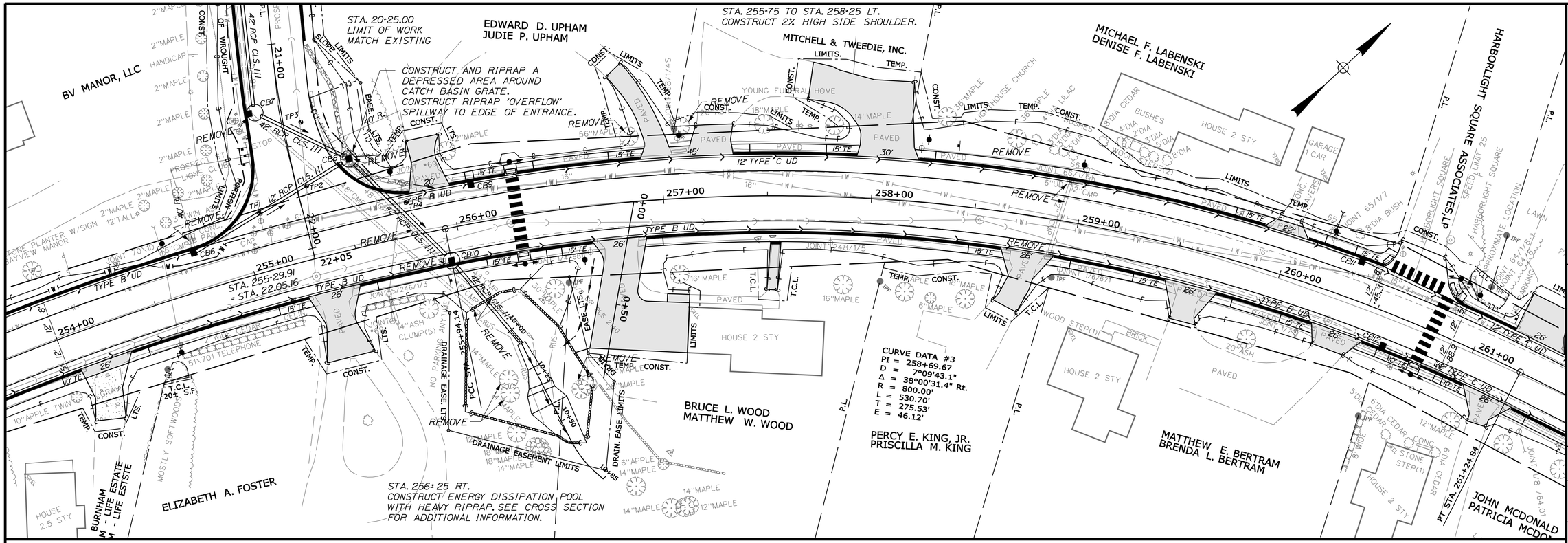
DATE

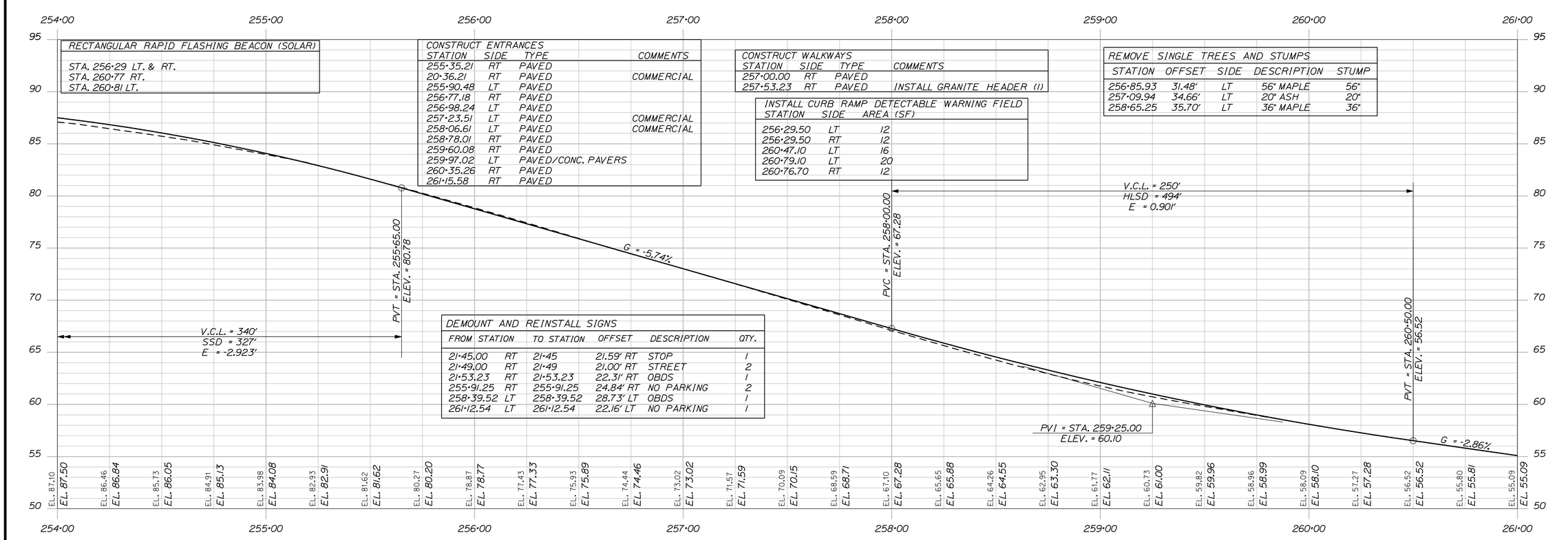
	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1
PLANS

SHEET NUMBER
18
OF 292

Date:4/25/2022
Usermame: morin
Division: HIGHWAY
Filename: ...\highway\ms1o\018_HDPlan2.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

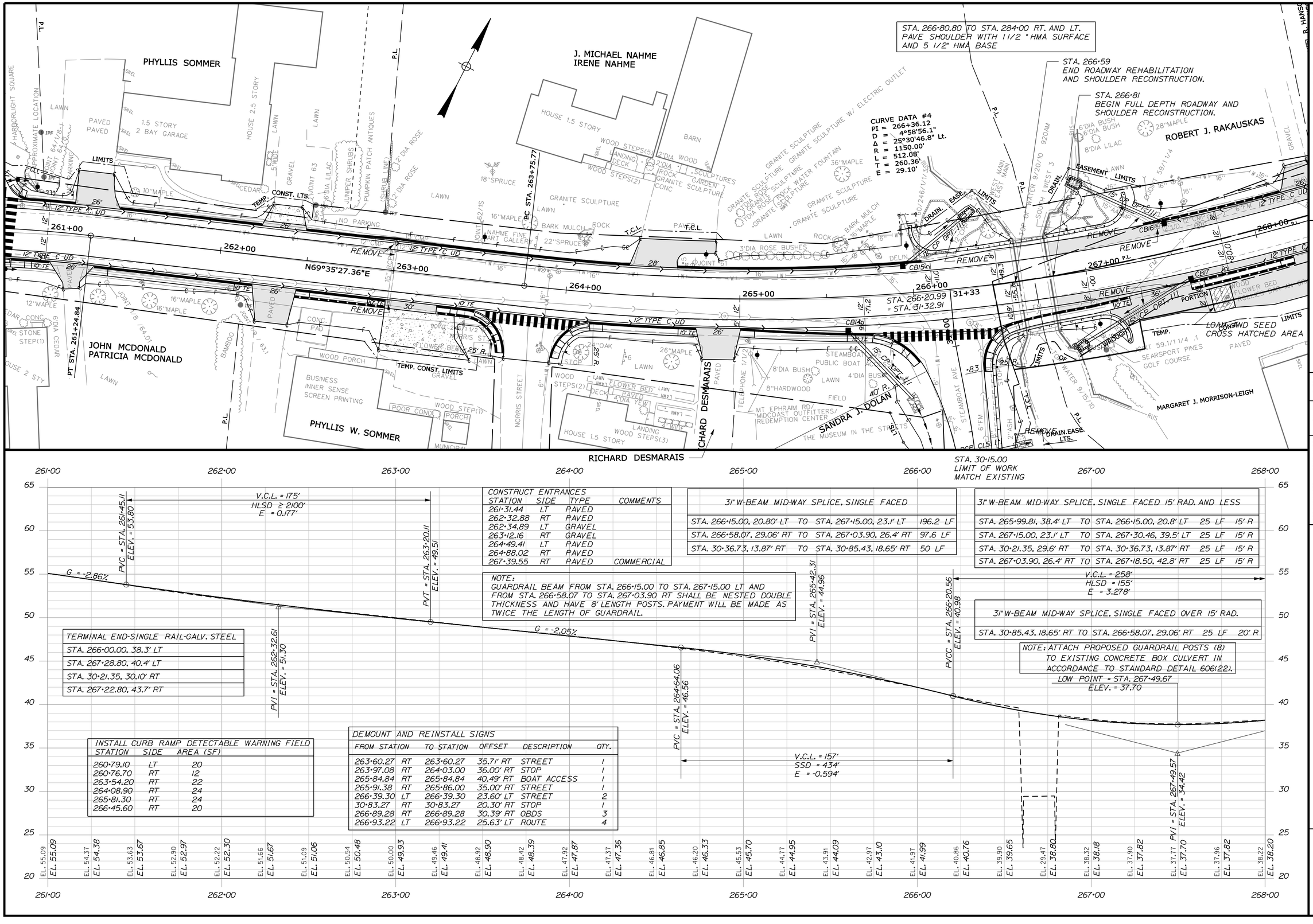
SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1
PLANS

SHEET NUMBER
19
OF 292

Filename: ...\highway\msto\019_HDPlan3.dgn Division: HIGHWAY Username: morin Date:4/25/2022



CONSTRUCT ENTRANCES			
STATION	SIDE	TYPE	COMMENTS
261+31.44	LT	PAVED	
262+32.88	RT	PAVED	
262+34.89	LT	GRAVEL	
263+12.16	RT	GRAVEL	
264+49.41	LT	PAVED	
264+88.02	RT	PAVED	
267+39.55	RT	PAVED	COMMERCIAL

31" W-BEAM MID-WAY SPLICE, SINGLE FACED			
STA. 266+15.00, 20.80' LT	TO	STA. 267+15.00, 23.1' LT	196.2 LF
STA. 266+58.07, 29.06' RT	TO	STA. 267+03.90, 26.4' RT	97.6 LF
STA. 30+36.73, 13.87' RT	TO	STA. 30+85.43, 18.65' RT	50 LF

31" W-BEAM MID-WAY SPLICE, SINGLE FACED 15' RAD. AND LESS				
STA. 265+99.81, 38.4' LT	TO	STA. 266+15.00, 20.8' LT	25 LF	15' R
STA. 267+15.00, 23.1' LT	TO	STA. 267+30.46, 39.5' LT	25 LF	15' R
STA. 30+21.35, 29.6' RT	TO	STA. 30+36.73, 13.87' RT	25 LF	15' R
STA. 267+03.90, 26.4' RT	TO	STA. 267+18.50, 42.8' RT	25 LF	15' R

NOTE:
GUARDRAIL BEAM FROM STA. 266+15.00 TO STA. 267+15.00 LT AND FROM STA. 266+58.07 TO STA. 267+03.90 RT SHALL BE NESTED DOUBLE THICKNESS AND HAVE 8' LENGTH POSTS. PAYMENT WILL BE MADE AS TWICE THE LENGTH OF GUARDRAIL.

31" W-BEAM MID-WAY SPLICE, SINGLE FACED OVER 15' RAD.				
STA. 30+85.43, 18.65' RT	TO	STA. 266+58.07, 29.06' RT	25 LF	20' R

NOTE: ATTACH PROPOSED GUARDRAIL POSTS (8) TO EXISTING CONCRETE BOX CULVERT IN ACCORDANCE TO STANDARD DETAIL 606(22).

TERMINAL END-SINGLE RAIL-GALV. STEEL
STA. 266+00.00, 38.3' LT
STA. 267+28.80, 40.4' LT
STA. 30+21.35, 30.10' RT
STA. 267+22.80, 43.7' RT

INSTALL CURB RAMP DETECTABLE WARNING FIELD		
STATION	SIDE	AREA (SF)
260+79.10	LT	20
260+76.70	RT	12
263+54.20	RT	22
264+08.90	RT	24
265+81.30	RT	24
266+45.60	RT	20

DEMOUNT AND REINSTALL SIGNS					
FROM STATION		TO STATION	OFFSET	DESCRIPTION	QTY.
263+60.27	RT	263+60.27	35.71' RT	STREET	1
263+97.08	RT	264+03.00	36.00' RT	STOP	1
265+84.84	RT	265+84.84	40.49' RT	BOAT ACCESS	1
265+91.38	RT	265+86.00	35.00' RT	STREET	1
266+39.30	LT	266+39.30	23.60' LT	STREET	2
30+83.27	RT	30+83.27	20.30' RT	STOP	1
266+89.28	RT	266+89.28	30.39' RT	OBDS	3
266+93.22	LT	266+93.22	25.63' LT	ROUTE	4

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	DATE
CHECKED-REVIEWED	ALG		
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
		REVISIONS 1	4-22
		REVISIONS 2	4-22
		REVISIONS 3	
		REVISIONS 4	
		FIELD CHANGES	

SIGNATURE
4226
P.E. NUMBER

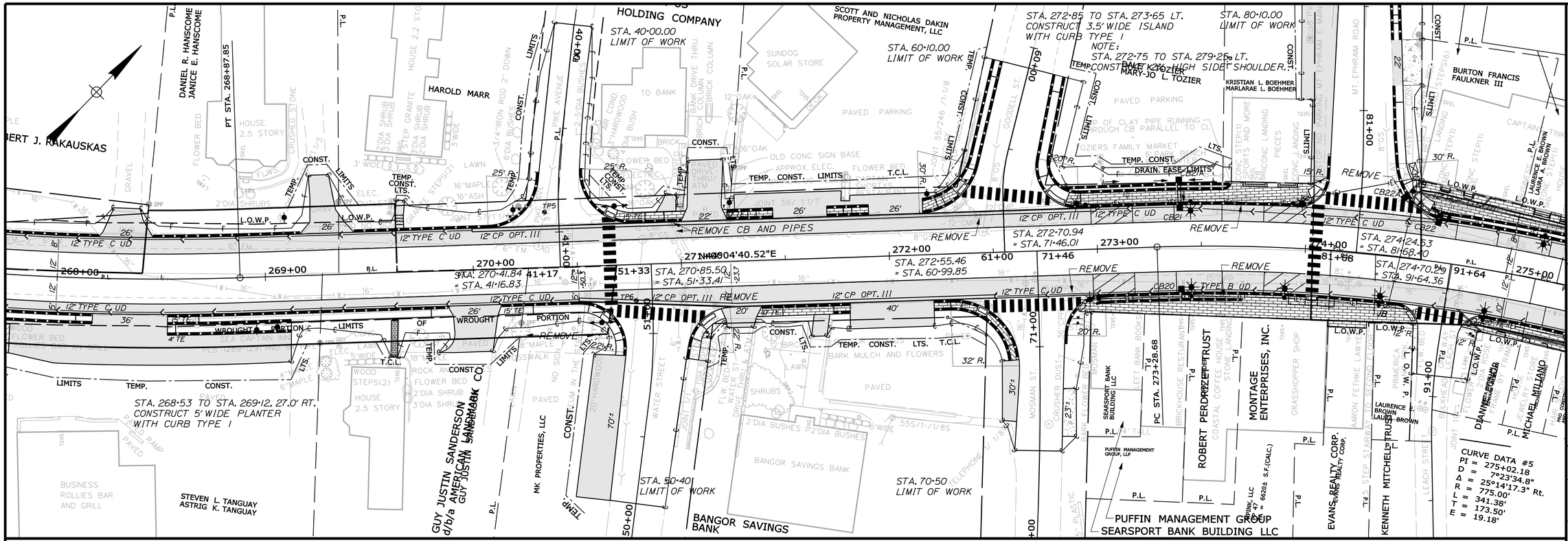
DATE

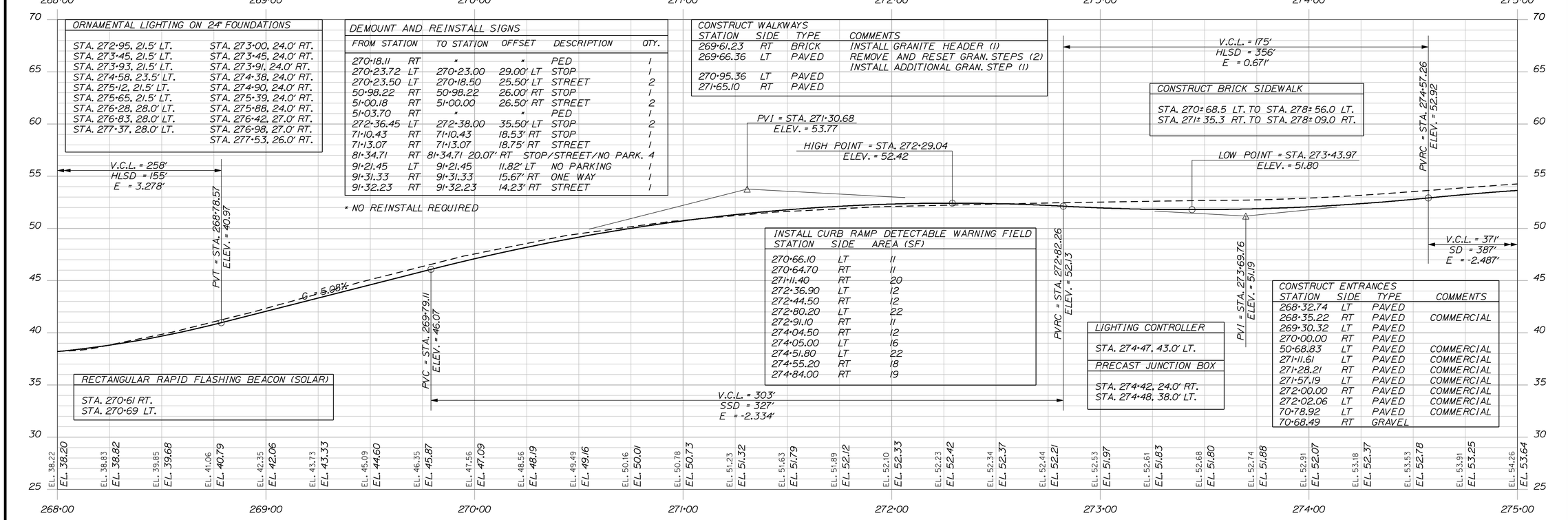
SEARSPORT
US ROUTE 1

PLANS

SHEET NUMBER
20
OF 292

Filename: ...\highway\mstc\020_HDPlan4.dgn Division: HIGHWAY Username: morin Date:4/25/2022





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE	4226	
P.E. NUMBER		
DATE		

			DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1		1	
REVISIONS 2		2	
REVISIONS 3		3	
REVISIONS 4		4	
FIELD CHANGES		5	

SEARSPORT
US ROUTE 1

PLANS

SHEET NUMBER

21

OF 292

Date:5/17/2022
Usernome: morin
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\021_HDPlan5.dgn

Filename: ...\HIGHWAY\MSTA\022_HDPlan6.dgn Division: HIGHWAY Username: morin Date:5/17/2022

STA. 100+25.00
LIMIT OF WORK

STA. 272+75 TO STA. 279+25 LT.
CONSTRUCT 2% HIGH SIDE SHOULDER.

STA. 110+10.00
LIMIT OF WORK

STA. 130+25.00
LIMIT OF WORK

STA. 120+35.00
LIMIT OF WORK

STA. 276+03.29
STA. 101+77.83

STA. 277+69.81
= STA. 111+83.10

STA. 278+78.20
= STA. 131+26.54

STA. 278+14.63
= STA. 121+01.63

N69°18'57.86"E 111+83

S77°40'47.97"E 131+27

CURVE DATA #6
PI = 279+60.47
D = 8°11'06.4"
Δ = 33°00'14.2" Rt.
R = 700.00'
L = 403.22'
T = 207.36'
E = 30.07'

PC STA. 277+53.09
PT STA. 276+70.06

PENOBSCOT MARINE MUSEUM, MAINE'S OLDEST MARITIME MUSEUM

PENOBSCOT MARINE MUSEUM MAINE'S OLDEST MARITIME MUSEUM

DENNIS R. ROWE
WANDA L. ROWE

ERIN K. THOMAS

TOWN OF SEARSPORT

MARTHA L. MARTIN
F/K/A MARTHA L. MILIANO

SEARSPORT MEMORIAL ASSOCIATION

RAYMOND SCHALLER

BLOCK BROTHERS CUSTOM CABINETS, LLC

EDWARD MCLELLAN
ANITA MCLELLAN

TOWN OF SEARSPORT

THE MARINERS LODGE, #68, A.F. & A.M.

NOTE: REMOVE EXISTING PAVEMENT. LOAM AND SEED.

NOTE: REMOVE EXISTING PAVEMENT AND GRAVEL BASE. REBASE WITH 12" AGGREGATE SUBBASE COURSE GRAVEL AND PAVE WITH 3" HOT MIX ASPHALT.

PT STA. 281+56.31

CONSTRUCT BRICK SIDEWALK

STA. 270± 68.5 LT. TO STA. 278± 56.0 LT.
STA. 271± 35.3 RT. TO STA. 278± 09.0 RT.

CONSTRUCT ENTRANCES

STATION	SIDE	TYPE	COMMENTS
100+63.34	LT	PAVED	COMMERCIAL
279+12.80	RT	GRAVEL	
279+43.28	LT	PAVED	
280+11.33	LT	GRAVEL	
280+53.47	RT	PAVED	COMMERCIAL
280+62.91	LT	PAVED	COMMERCIAL
281+50.00	RT	PAVED	COMMERCIAL
281+79.21	LT	GRAVEL	
281+95.72	RT	PAVED	
282+11.65	LT	PAVED	

CONSTRUCT WALKWAYS

STATION	SIDE	TYPE	COMMENTS
101+00.00	RT	PAVED	
101+23.30	LT	CRUSH STONE	
276+90.81	LT	CRUSH STONE	
277+15.83	RT	CONCRETE	
111+28.00	RT	CRUSH STONE	
279+11.51	LT	CONCRETE	

REMOVE SINGLE TREES AND STUMPS

STATION	OFFSET	SIDE	DESCRIPTION	STUMP
279+73.19	20.09'	RT	14" TWIN LOCUST	14"

INSTALL CURB RAMP DETECTABLE WARNING FIELD

STATION	SIDE	AREA (SF)
274+84.00	RT	19
275+87.00	LT	14
276+19.30	LT	17
100+89.00	RT	12
100+87.60	LT	12
277+47.90	RT	12
277+48.80	LT	19
277+87.50	LT	19
278+58.30	LT	11
278+94.50	LT	11

DEMOUNT AND REINSTALL SIGNS

FROM STATION	TO STATION	OFFSET	DESCRIPTION	QTY.
275+88.10 LT	275+88.10	36.00' LT	STOP/DEAD END	2
275+87.52 LT	275+87.52	34.00' LT	STREET	1
276+38.72 RT	276+38.72	29.68' RT	FIRE STATION	1
277+58.49 LT	277+50.00	35.00' LT	STOP	1
277+90.81 LT	277+85.00	35.00' LT	STREET	1
120+61.26 RT	120+61.26	14.96' RT	STOP	1
120+66.81 RT	120+66.81	21.41' RT	STREET	1
278+69.58 RT	278+69.58	28.63' RT	ROUTE	4
130+81.09 RT	130+92.00	18.00' RT	STOP	2
279+27.21 RT	279+27.21	23.74' RT	SPEED LIMIT	1
279+69.84 LT	279+69.84	29.50' LT	OBDS	3
280+14.06 RT	280+14.06	23.00' RT	OBDS	1
280+98.26 LT	280+98.26	28.00' LT	SPEED LIMIT	1

HIGH POINT = STA. 275+94.95
ELEV. = 54.29

PVI = STA. 276+43.00
ELEV. = 56.61

PVT = STA. 278+28.75
ELEV. = 50.35

PVC = STA. 279+22.26
ELEV. = 47.20

PVI = STA. 279+72.26
ELEV. = 45.51

PVT = STA. 280+22.26
ELEV. = 45.26

PVC = STA. 280+71.20
ELEV. = 45.02

PVI = STA. 281+20.20
ELEV. = 44.78

PVT = STA. 281+69.20
ELEV. = 43.80

G = -3.37%
G = -0.50%
G = -2.00%

V.C.L. = 371'
SSD = 387'
E = -2.487'

V.C.L. = 100'
HLSD = 306'
E = 0.359'

V.C.L. = 98'
SSD = 770'
E = -0.183'

275+00	276+00	277+00	278+00	279+00	280+00	281+00	282+00
EL. 54.26	EL. 54.55	EL. 54.76	EL. 54.90	EL. 54.98	EL. 54.94	EL. 54.75	EL. 54.43
EL. 53.64	EL. 53.94	EL. 54.14	EL. 54.26	EL. 54.29	EL. 54.22	EL. 54.07	EL. 53.83
EL. 54.08	EL. 53.67	EL. 53.10	EL. 52.35	EL. 51.48	EL. 50.56	EL. 49.65	EL. 48.76
EL. 53.49	EL. 53.07	EL. 52.56	EL. 51.95	EL. 51.26	EL. 50.47	EL. 49.63	EL. 48.79
EL. 47.88	EL. 47.05	EL. 46.32	EL. 45.79	EL. 45.44	EL. 45.28	EL. 45.16	EL. 45.02
EL. 47.95	EL. 47.11	EL. 46.37	EL. 45.82	EL. 45.45	EL. 45.25	EL. 45.13	EL. 45.00
EL. 44.84	EL. 44.58	EL. 44.22	EL. 43.76	EL. 43.26			
EL. 44.81	EL. 44.53	EL. 44.15	EL. 43.68	EL. 43.18			

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
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DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226
P.E. NUMBER

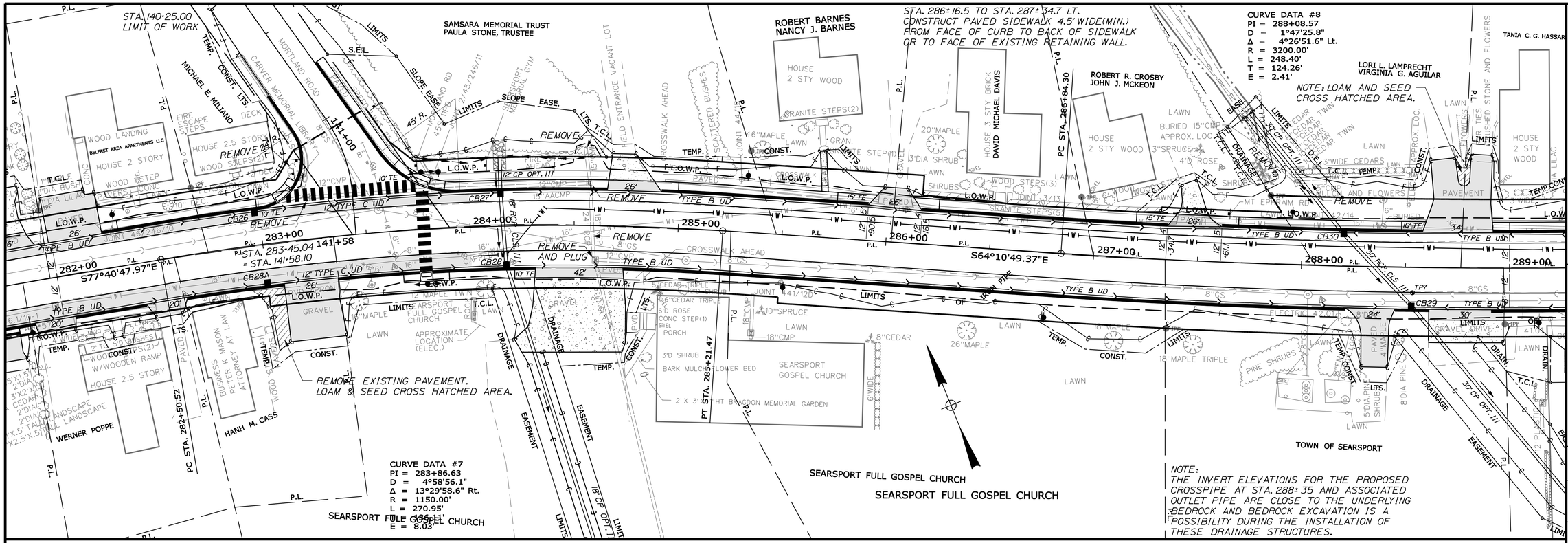
DATE

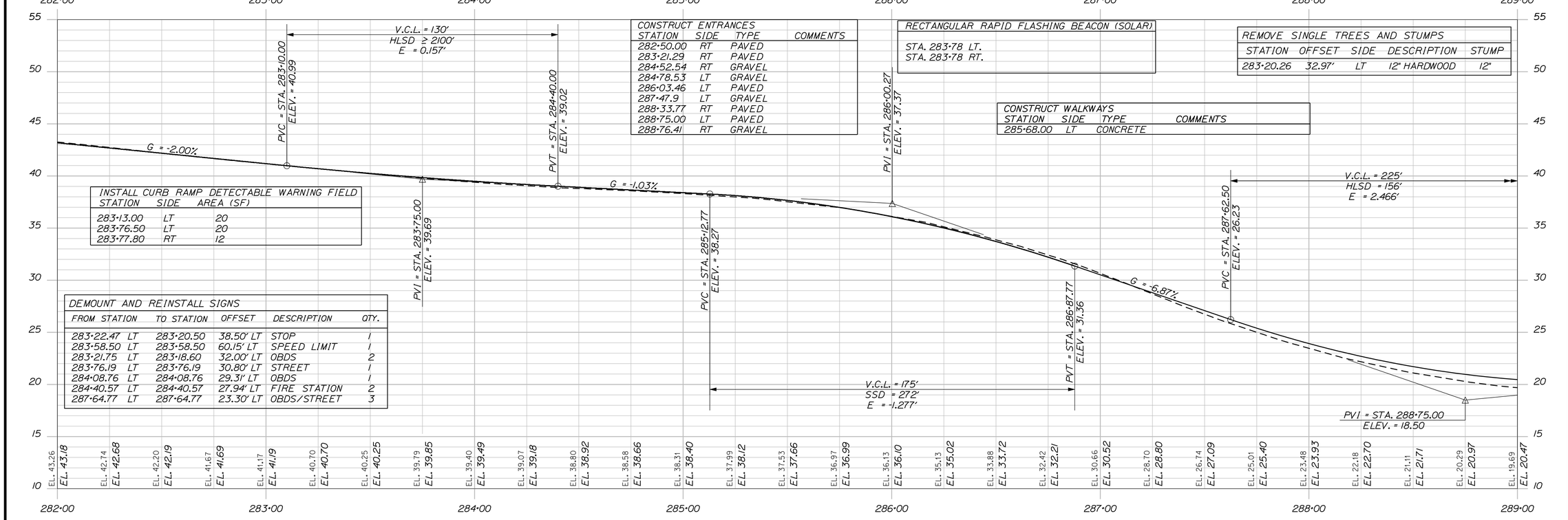
SEARSPORT
US ROUTE 1

PLANS

SHEET NUMBER
22
OF 292

Filename: ...\highway\ms1o\023_HDPlan7.dgn Division: HIGHWAY Username: morin Date:4/25/2022





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
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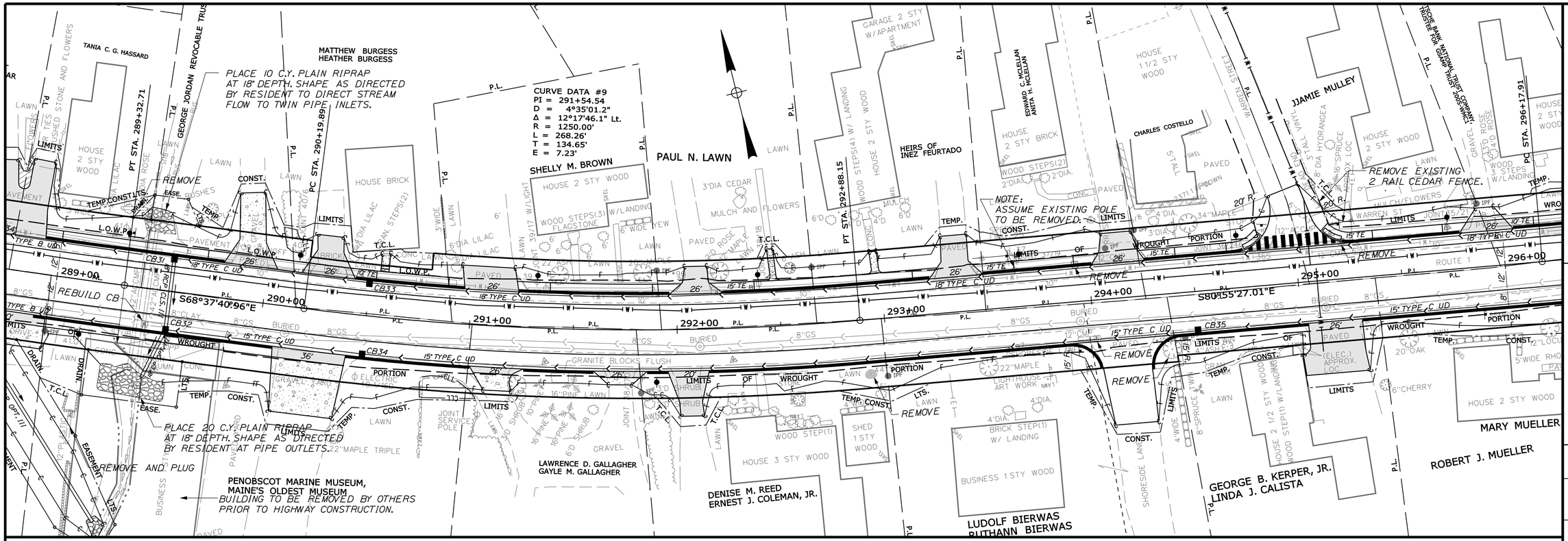
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1
PLANS

SHEET NUMBER
23
OF 292



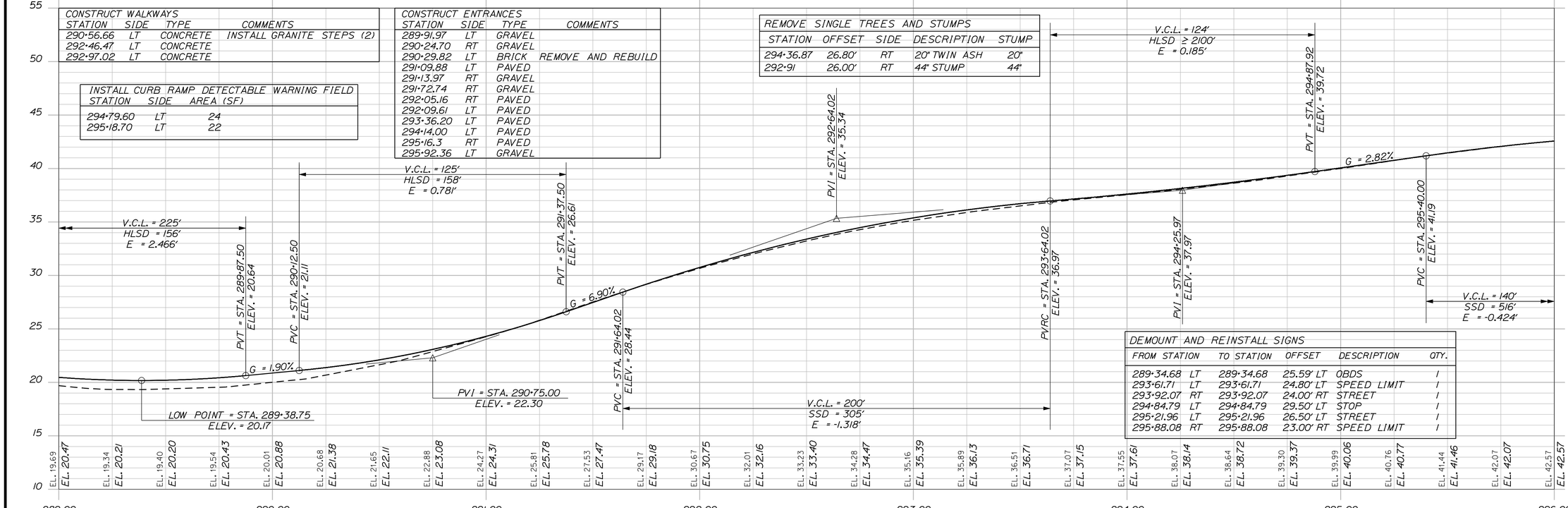
CONSTRUCT WALKWAYS			
STATION	SIDE	TYPE	COMMENTS
290+56.66	LT	CONCRETE	INSTALL GRANITE STEPS (2)
292+46.47	LT	CONCRETE	
292+97.02	LT	CONCRETE	

INSTALL CURB RAMP DETECTABLE WARNING FIELD		
STATION	SIDE	AREA (SF)
294+79.60	LT	24
295+18.70	LT	22

CONSTRUCT ENTRANCES			
STATION	SIDE	TYPE	COMMENTS
289+91.97	LT	GRAVEL	
290+24.70	RT	GRAVEL	
290+29.82	LT	BRICK	REMOVE AND REBUILD
291+09.88	LT	PAVED	
291+13.97	RT	GRAVEL	
291+72.74	RT	GRAVEL	
292+05.16	RT	PAVED	
292+09.61	LT	PAVED	
293+36.20	LT	PAVED	
294+14.00	LT	PAVED	
295+16.3	RT	PAVED	
295+92.36	LT	GRAVEL	

REMOVE SINGLE TREES AND STUMPS				
STATION	OFFSET	SIDE	DESCRIPTION	STUMP
294+36.87	26.80'	RT	20" TWIN ASH	20"
292+91	26.00'	RT	44" STUMP	44"

DEMOUNT AND REINSTALL SIGNS				
FROM STATION	TO STATION	OFFSET	DESCRIPTION	QTY.
289+34.68 LT	289+34.68	25.59' LT	OBDS	1
293+61.71 LT	293+61.71	24.80' LT	SPEED LIMIT	1
293+92.07 RT	293+92.07	24.00' RT	STREET	1
294+84.79 LT	294+84.79	29.50' LT	STOP	1
295+21.96 LT	295+21.96	26.50' LT	STREET	1
295+88.08 RT	295+88.08	23.00' RT	SPEED LIMIT	1



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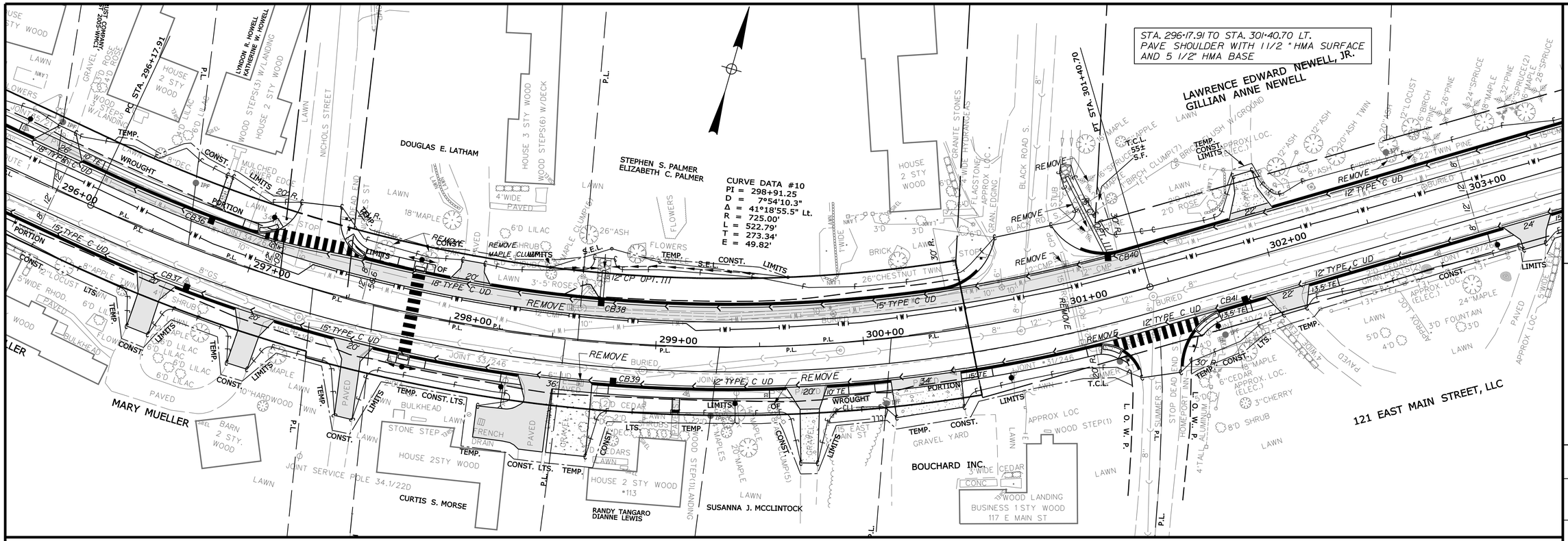
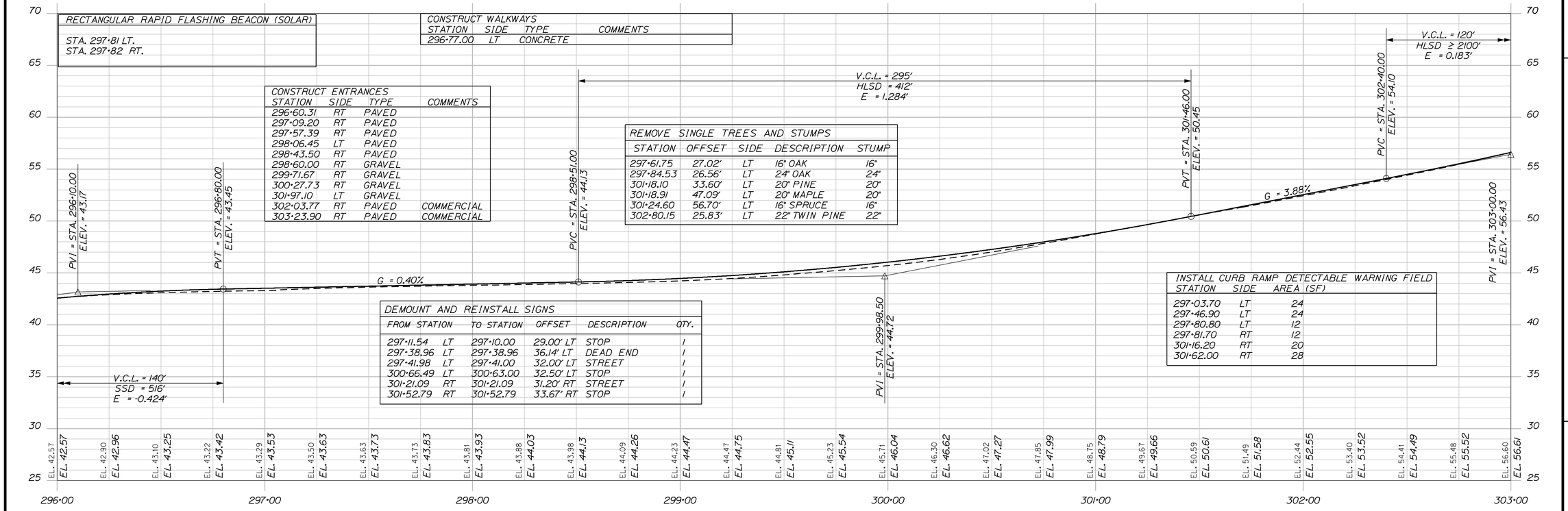




STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

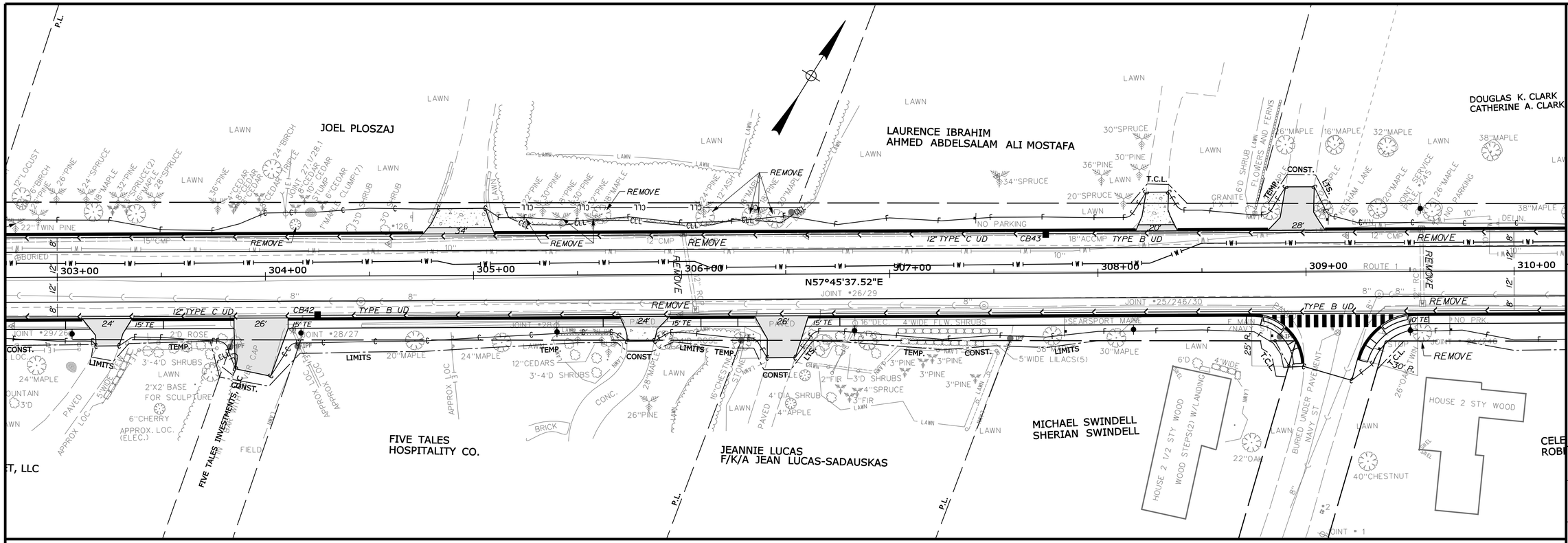
SEARSPORT
US ROUTE 1

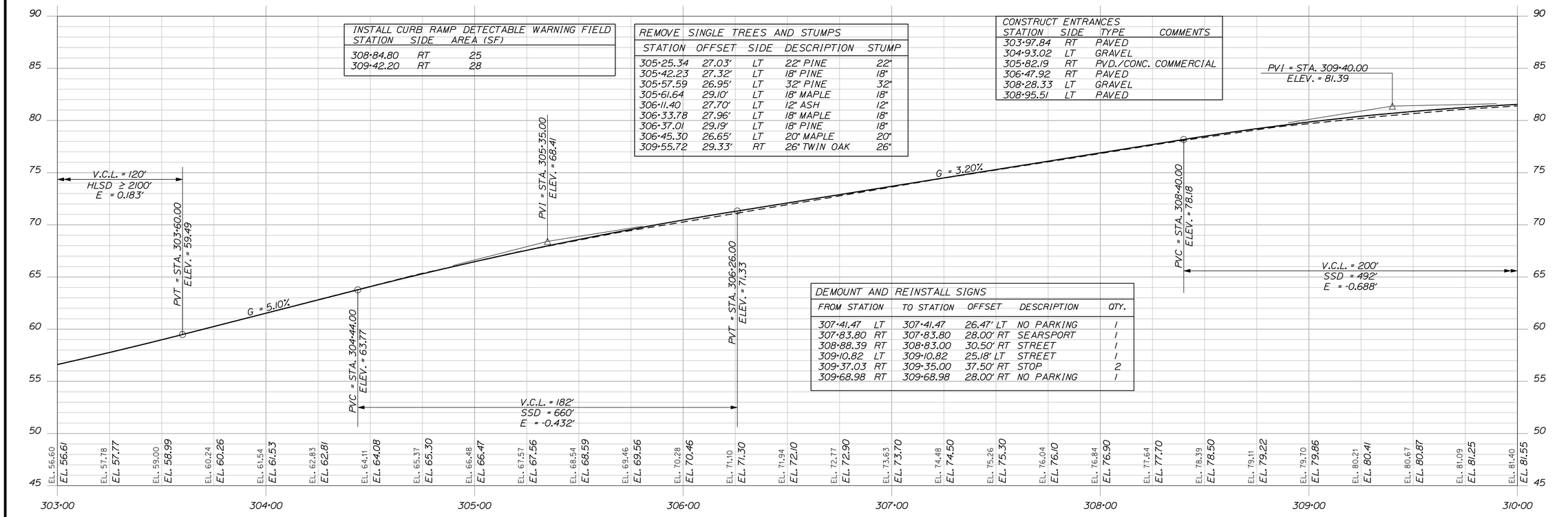
PLANS

SHEET NUMBER
25
OF 292

Date:4/25/2022
Usermame: morin
Division: HIGHWAY
Filename: ...\highway\ms1o\025_HDPlan9.dgn

Filename: ...\highway\ms1o\026_HDPlan10.dgn Division: HIGHWAY Username: morin Date:4/25/2022





INSTALL CURB RAMP DETECTABLE WARNING FIELD

STATION	SIDE	AREA (SF)
308+84.80	RT	25
309+42.20	RT	28

REMOVE SINGLE TREES AND STUMPS

STATION	OFFSET	SIDE	DESCRIPTION	STUMP
305+25.34	27.03'	LT	22" PINE	22"
305+42.23	27.32'	LT	18" PINE	18"
305+57.59	26.95'	LT	32" PINE	32"
305+61.64	29.10'	LT	18" MAPLE	18"
306+11.40	27.70'	LT	12" ASH	12"
306+33.78	27.96'	LT	18" MAPLE	18"
306+37.01	29.19'	LT	18" PINE	18"
306+45.30	26.65'	LT	20" MAPLE	20"
309+55.72	29.33'	RT	26" TWIN OAK	26"

CONSTRUCT ENTRANCES

STATION	SIDE	TYPE	COMMENTS
303+97.84	RT	PAVED	
304+93.02	LT	GRAVEL	
305+82.19	RT	PVD./CONC.	COMMERCIAL
306+47.92	RT	PAVED	
308+28.33	LT	GRAVEL	
308+95.51	RT	PAVED	

DEMOUNT AND REINSTALL SIGNS

FROM STATION		TO STATION	OFFSET		DESCRIPTION	QTY.
307+41.47	LT	307+41.47	26.47'	LT	NO PARKING	1
307+83.80	RT	307+83.80	28.00'	RT	SEARSPORT	1
308+88.39	RT	308+83.00	30.50'	RT	STREET	1
309+10.82	LT	309+10.82	25.18'	LT	STREET	1
309+37.03	RT	309+35.00	37.50'	RT	STOP	2
309+68.98	RT	309+68.98	28.00'	RT	NO PARKING	1

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

SIGNATURE 4226

P.E. NUMBER

DATE

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

DATE	BY
4-22	MSM
4-22	

SEARSPORT
US ROUTE 1
PLANS

SHEET NUMBER
26
OF 292

STA. 313+00.00 TO STA. 343+25.00 RT. AND LT.
PAVE SHOULDER WITH 1 1/2 " HMA SURFACE
AND 5 1/2" HMA BASE

CURVE DATA #11
PI = 313+36.51
D = 1°50'53.7"
Δ = 6°32'59.3" Lt.
R = 3100.00'
L = 354.38'
T = 177.38'
E = 5.07'

DOUGLAS K. CLARK
CATHERINE A. CLARK

RONALD B. MERITHEW

CHRISTOPHER C. COLBY
DIANE-MARIE COLBY

JEFFREY E. MERRY

CELESTE HENRY
ROBERT HENRY

MARK S. HICKSON

149 EAST MAIN STREET BELFAST LLC

LORAINE HAMILTON d/b/a
HAMILTON MARINE

PROP. OUTLET EL. 72.85'

STA. 150+65.00
LIMIT OF WORK

STA. 316+06.91
= STA. 152+36.85

N51°12'38.24"E

REMOVE EXISTING PAVEMENT.
LOAM AND SEED
CROSS HATCHED AREA.

DEMOUNT AND REINSTALL SIGNS

FROM STATION		TO STATION	OFFSET	DESCRIPTION	QTY.
310+42.37	RT	310+42.37	28.00' RT	NO PARKING	1
311+15.88	LT	311+15.88	24.89' LT	NO PARKING	1
313+02.36	LT	313+02.36	27.68' LT	NO PARKING	1
316+40.79	RT	316+40.79	37.50' RT	STOP/STREET	2

INSTALL CURB RAMP DETECTABLE WARNING FIELD

STATION	SIDE	AREA (SF)
315+66.00	RT	24
316+47.30	RT	26

REMOVE SINGLE TREES AND STUMPS

STATION	OFFSET	SIDE	DESCRIPTION	STUMP
310+90.55	28.54'	LT	24" SPRUCE	24"
316+02.43	25.61'	LT	20" MAPLE	20"

CONSTRUCT ENTRANCES

STATION	SIDE	TYPE	COMMENTS
310+42.80	LT	PAVED	
311+52.50	RT	GRAVEL	
311+54.97	LT	GRAVEL	
312+30.00	LT	GRAVEL	
313+09.14	RT	GRAVEL	
314+30.00	RT	PAVED	COMMERCIAL
315+13.51	RT	PAVED	COMMERCIAL
315+67.40	LT	PAVED	
316+27.50	LT	PAVED	
316+75.00	RT	PAVED	COMMERCIAL
150+68.50	RT	PAVED	COMMERCIAL

PVT = STA. 310+40.00
ELEV. = 81.84

V.C.L. = 200'
SSD = 492'
E = -0.688'

G = 0.45%

PVC = STA. 313+05.00
ELEV. = 83.03

V.C.L. = 120'
HLSD ≥ 2100'
E = 0.098'

PVI = STA. 313+65.00
ELEV. = 83.30

PVT = STA. 314+25.00
ELEV. = 83.96

G = 1.10%

PVC = STA. 314+90.00
ELEV. = 84.68

V.C.L. = 120'
SSD = 1324'
E = -0.128'

PVI = STA. 315+50.00
ELEV. = 85.34

G = 0.25%

PVT = STA. 316+10.00
ELEV. = 85.49

310+00	311+00	312+00	313+00	314+00	315+00	316+00	317+00
EL. 81.40	EL. 81.64	EL. 81.84	EL. 81.98	EL. 82.09	EL. 82.19	EL. 82.30	EL. 82.41
EL. 81.55	EL. 81.75	EL. 81.88	EL. 81.99	EL. 82.11	EL. 82.22	EL. 82.33	EL. 82.44
EL. 82.51	EL. 82.59	EL. 82.69	EL. 82.78	EL. 82.92	EL. 83.07	EL. 83.26	EL. 83.49
EL. 82.56	EL. 82.67	EL. 82.78	EL. 82.89	EL. 83.01	EL. 83.13	EL. 83.29	EL. 83.48
EL. 83.68	EL. 83.94	EL. 84.20	EL. 84.45	EL. 84.72	EL. 84.99	EL. 85.21	EL. 85.33
EL. 83.70	EL. 83.96	EL. 84.24	EL. 84.51	EL. 84.78	EL. 85.02	EL. 85.21	EL. 85.36
EL. 85.44	EL. 85.51	EL. 85.59	EL. 85.65	EL. 85.71			
EL. 85.46	EL. 85.53	EL. 85.51	EL. 85.51	EL. 85.54			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1728(100)E
WIN 17281.00
HIGHWAY PLANS

		DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

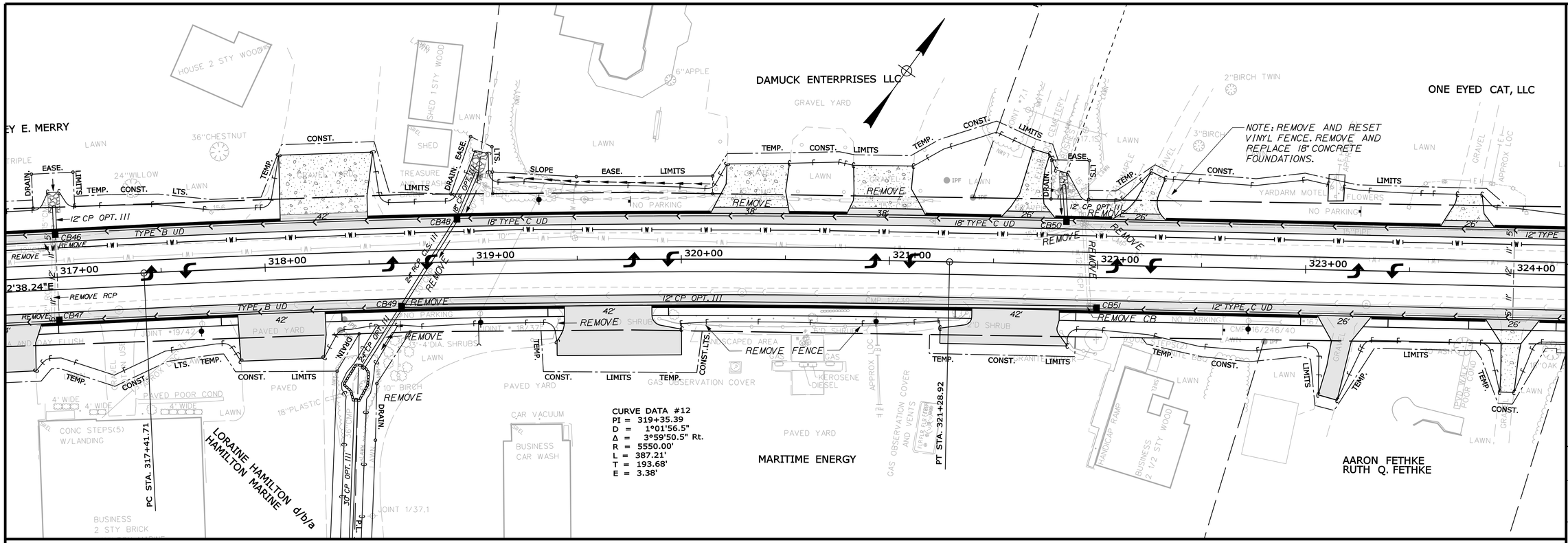
SIGNATURE
4226
P.E. NUMBER
DATE

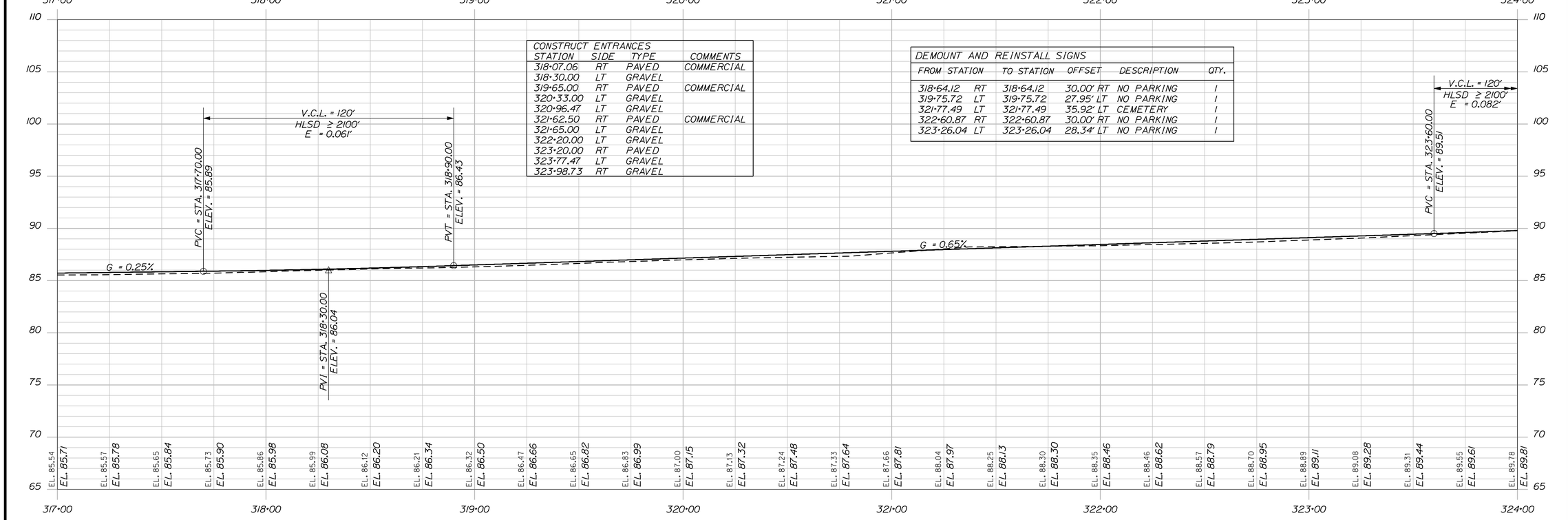
SEARSPORT
US ROUTE 1
PLANS

SHEET NUMBER
27
OF 292

Filename: ...\highway\ms1o\027_HDPlan11.dgn Division: HIGHWAY Username: morin Date:4/25/2022

Filename: ...\HIGHWAY\MSTA\028_HDPlan12.dgn Division: HIGHWAY Username: morin Date:5/17/2022





CONSTRUCT ENTRANCES

STATION	SIDE	TYPE	COMMENTS
318+07.06	RT	PAVED	COMMERCIAL
318+30.00	LT	GRAVEL	
319+65.00	RT	PAVED	COMMERCIAL
320+33.00	LT	GRAVEL	
320+96.47	LT	GRAVEL	
321+62.50	RT	PAVED	COMMERCIAL
321+65.00	LT	GRAVEL	
322+20.00	LT	GRAVEL	
323+20.00	RT	PAVED	
323+77.47	LT	GRAVEL	
323+98.73	RT	GRAVEL	

DEMOUNT AND REINSTALL SIGNS

FROM STATION		TO STATION	OFFSET	DESCRIPTION	QTY.
318+64.12	RT	318+64.12	30.00' RT	NO PARKING	1
319+75.72	LT	319+75.72	27.95' LT	NO PARKING	1
321+77.49	LT	321+77.49	35.92' LT	CEMETERY	1
322+60.87	RT	322+60.87	30.00' RT	NO PARKING	1
323+26.04	LT	323+26.04	28.34' LT	NO PARKING	1

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

P.E. NUMBER 4226

SIGNATURE

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

PLANS

SHEET NUMBER

28

OF 292

Filename: ...\highway\ms1o\029_HDPlan13.dgn Division: HIGHWAY Usernam: morin Date:4/25/2022

JAMES ECONOMY LLC d/b/a
YARDARM MOTEL

MC INVESTMENTS, LLC

DOUGLAS BIRGFELD d/b/a
BIRGFELDS BIKE SHOP
DOUGLAS S. BIRGFELD, J
BRENDA L. BIRGFELD

DAVID L. NICHOLAS
ROBIN L. NICHOLAS

WILLIAM M. PESTANA
CAROL A. PESTANA

JESSE LETOURNEAU

RAYLENE BANKS
WILLIAM BANKS

NOTE:
REMOVE APPROXIMATELY
8' OF WOOD GUARDRAIL
AND END POST (1)

NOTE:
GRADE AREA TO CREATE
OVER THE CURB FLOW.

CURVE DATA #13
PI = 328+33.43
Δ = 0°20'34.2" Lt.

PI STA. 328+33.43

ELIMINATE ENTRANCES
(CROSS HATCHED AREA)
LOAM AND SEED

N55°12'28.71"E

P.L.

DOLLAR GENERAL
44±

BUSINESS 2 STY WOOD
BIRGFELDS BIKE SHOP

ROUTE 1

JOINT 13/43

JOINT 12/44

JOINT 11/346

CONSTRUCT ENTRANCES

STATION	SIDE	TYPE	COMMENTS
325+22.50	LT	PAVED	
325+55.00	RT	GRAVEL	
326+97.50	LT	PAVED	COMMERCIAL
328+21.51	RT	GRAVEL	
328+91.28	LT	GRAVEL	
328+95.86	RT	PAVED	
330+38.70	RT	PAVED	
330+45.41	LT	GRAVEL	

RECTANGULAR RAPID FLASHING BEACON (SOLAR)

STA. 327+63 LT.
STA. 327+63 RT.

REMOVE SINGLE TREES AND STUMPS

STATION	OFFSET	SIDE	DESCRIPTION	STUMP
324+74.11	27.87'	LT	16" MAPLE	16"
324+93.67	28.97'	RT	18" MAPLE	18"
325+36.43	27.67'	RT	24"MAPLE	24"
325+50.81	26.99'	LT	24" MAPLE	24"
325+73.15	27.60'	LT	20" MAPLE	20"
326+23.00	37.40'	LT	12" TWIN OAK	12"
326+39.00	35.00'	LT	15" MAPLE	15"
326+84.80	24.30'	RT	24" STUMP	24"

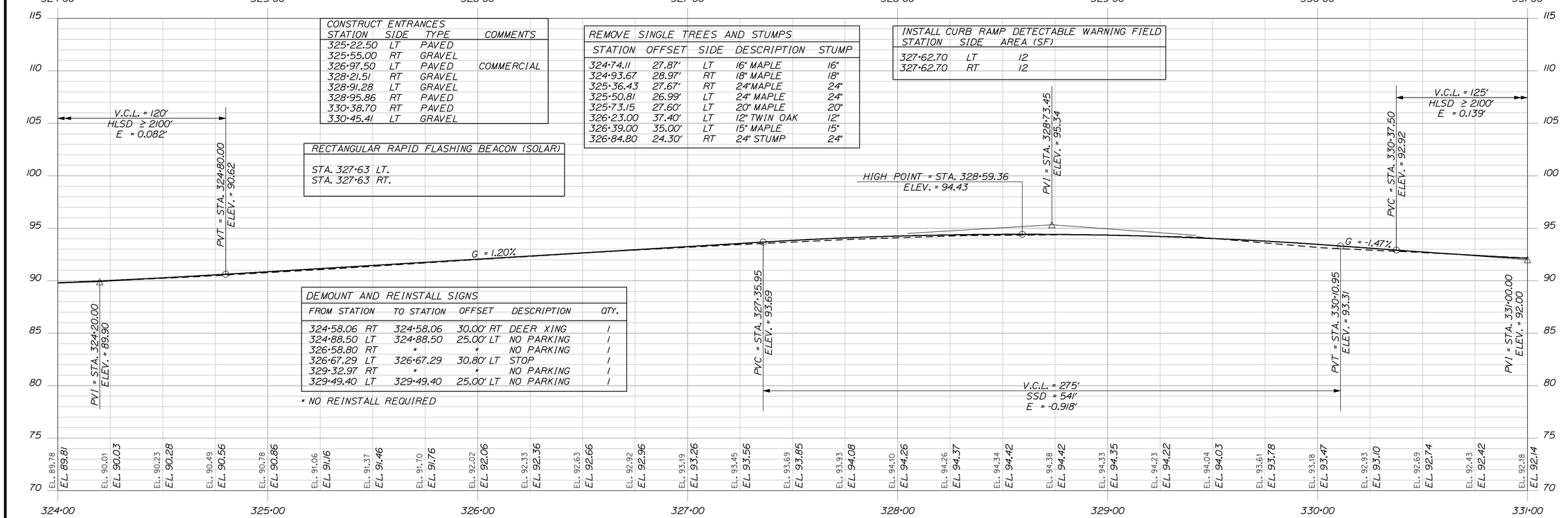
INSTALL CURB RAMP DETECTABLE WARNING FIELD

STATION	SIDE	AREA (SF)
327+62.70	LT	12
327+62.70	RT	12

DEMOUNT AND REINSTALL SIGNS

FROM STATION	TO STATION	OFFSET	DESCRIPTION	QTY.
324+58.06 RT	324+58.06	30.00' RT	DEER XING	1
324+88.50 LT	324+88.50	25.00' LT	NO PARKING	1
326+58.80 RT	*	*	NO PARKING	1
326+67.29 LT	326+67.29	30.80' LT	STOP	1
329+32.97 RT	*	*	NO PARKING	1
329+49.40 LT	329+49.40	25.00' LT	NO PARKING	1

* NO REINSTALL REQUIRED



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

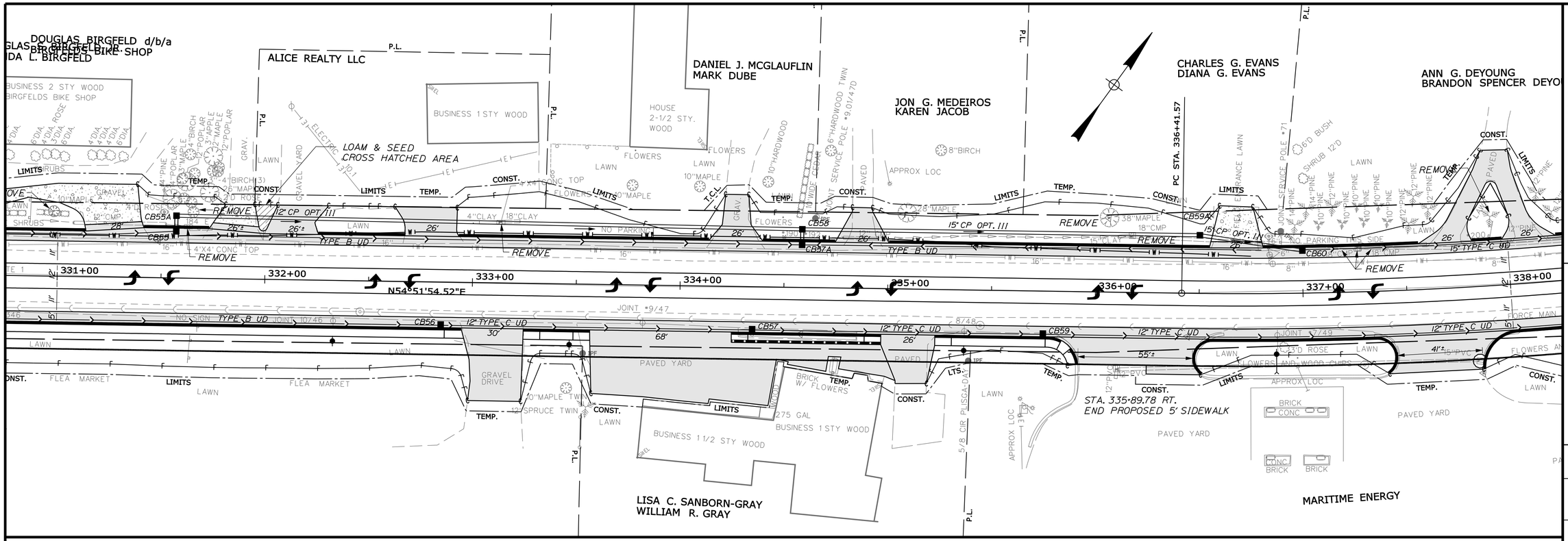
SIGNATURE
4226
P.E. NUMBER

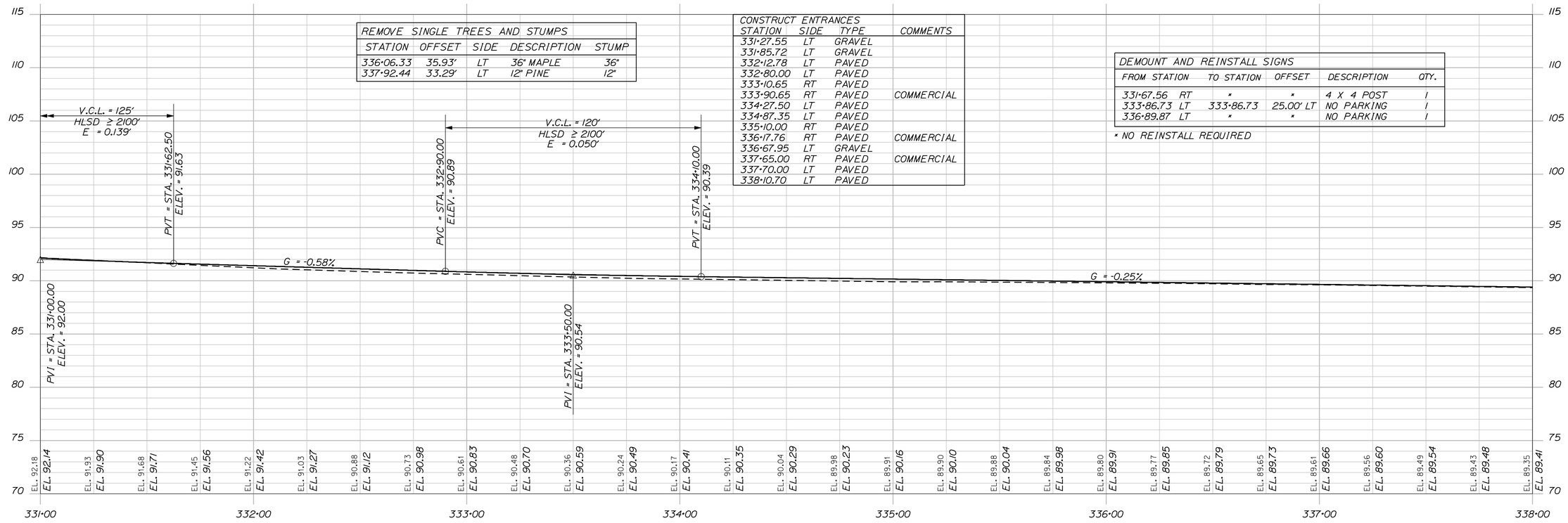
DATE

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1
PLANS

SHEET NUMBER
29
OF 292





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

PROJ. MANAGER	ERNIE MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALG
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

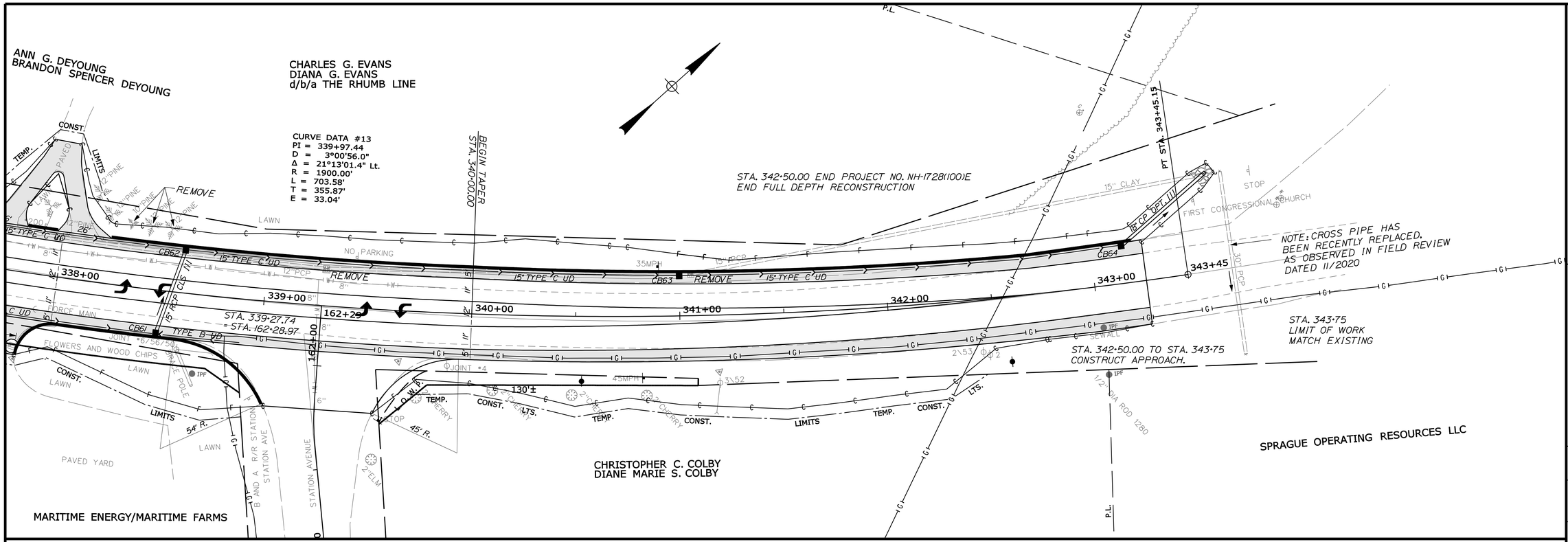
	DATE	BY
REVISIONS 1	4-22	MSM
REVISIONS 2	4-22	
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

PLANS

SHEET NUMBER
30
OF 292

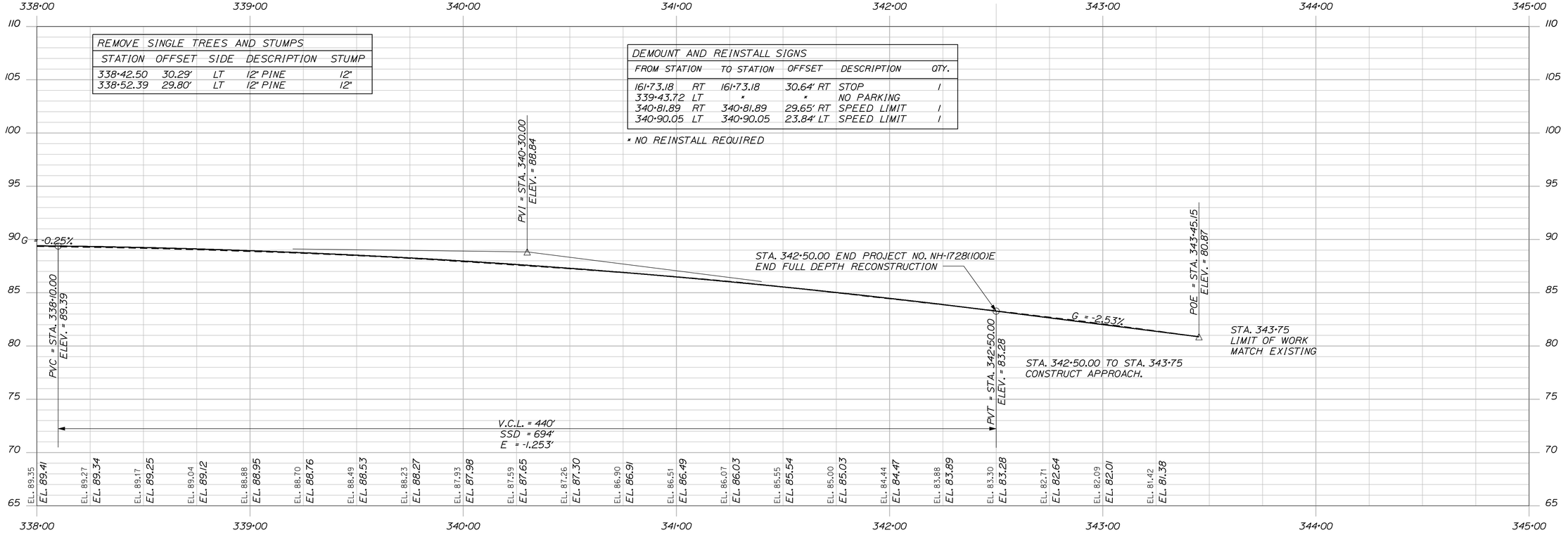
Date:4/25/2022
Usermame: morin
Division: HIGHWAY
Filename: ...\highway\ms1o\030_HDPlan14.dgn



REMOVE SINGLE TREES AND STUMPS				
STATION	OFFSET	SIDE	DESCRIPTION	STUMP
338+42.50	30.29'	LT	12" PINE	12"
338+52.39	29.80'	LT	12" PINE	12"

DEMOUNT AND REINSTALL SIGNS					
FROM STATION		TO STATION	OFFSET	DESCRIPTION	QTY.
161+73.18	RT	161+73.18	30.64' RT	STOP	1
339+43.72	LT	*	*	NO PARKING	
340+81.89	RT	340+81.89	29.65' RT	SPEED LIMIT	1
340+90.05	LT	340+90.05	23.84' LT	SPEED LIMIT	1

* NO REINSTALL REQUIRED



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

SIGNATURE 4226

P.E. NUMBER

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PROJ. MANAGER	ERNIE MARTIN	
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DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

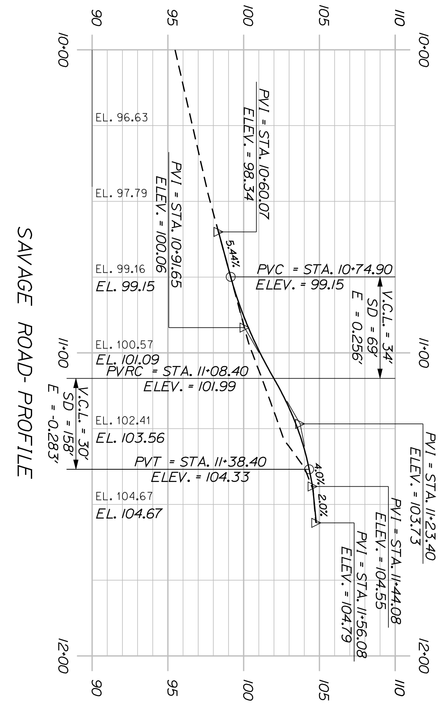
PLANS

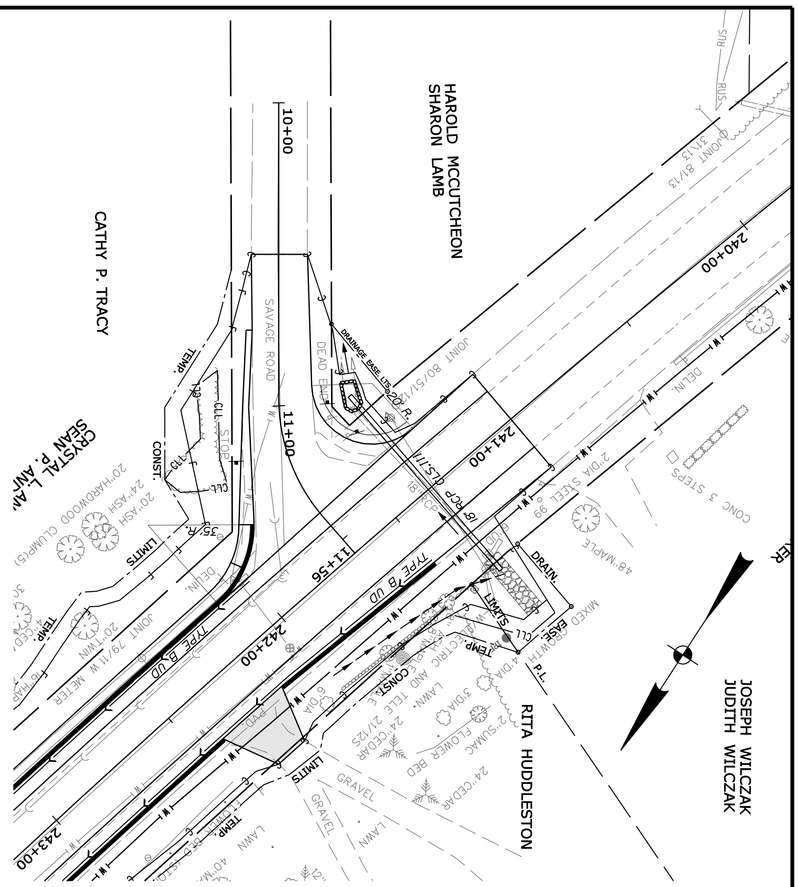
SHEET NUMBER

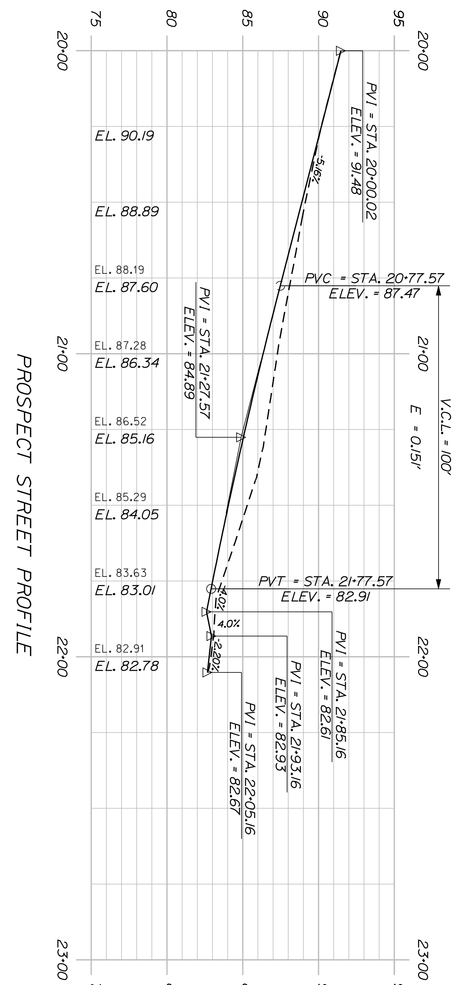
31

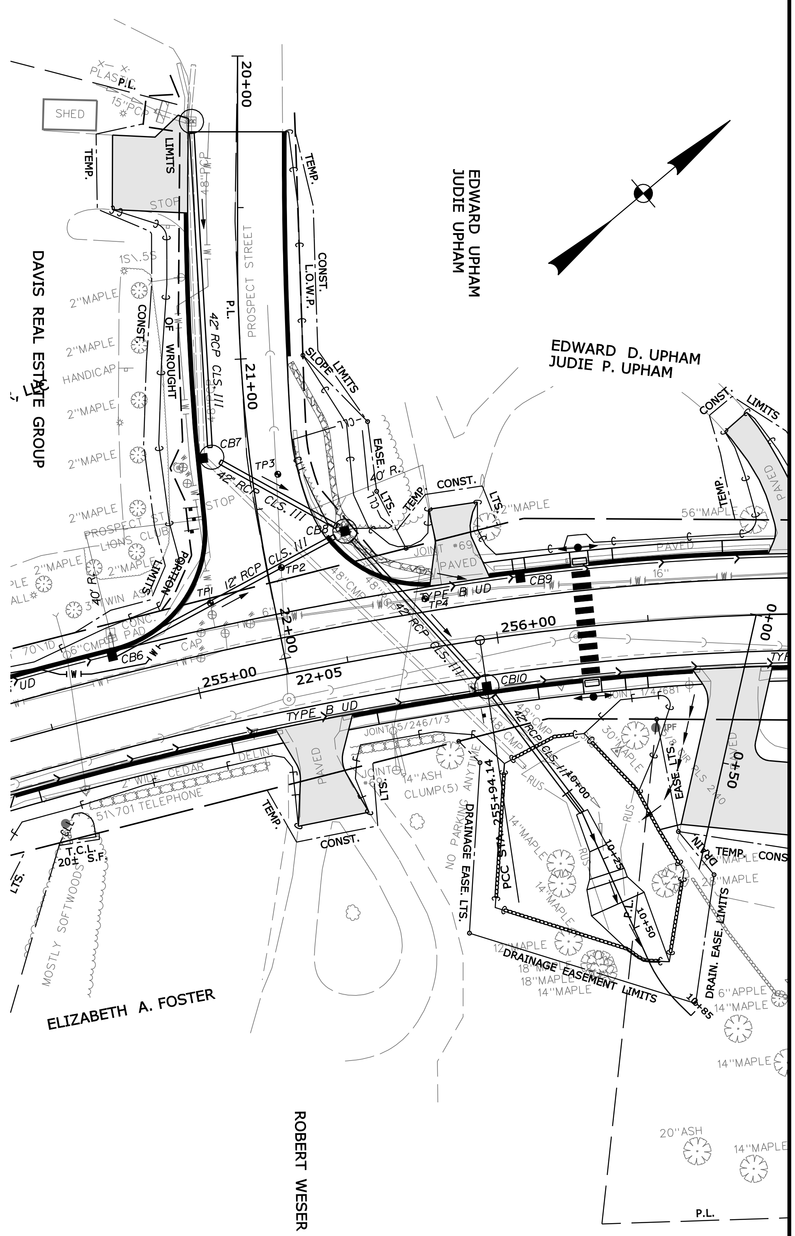
OF 292

Filename: ...\highway\ms1o\031_HDPlan15.dgn Division: HIGHWAY Username: morin Date:4/25/2022



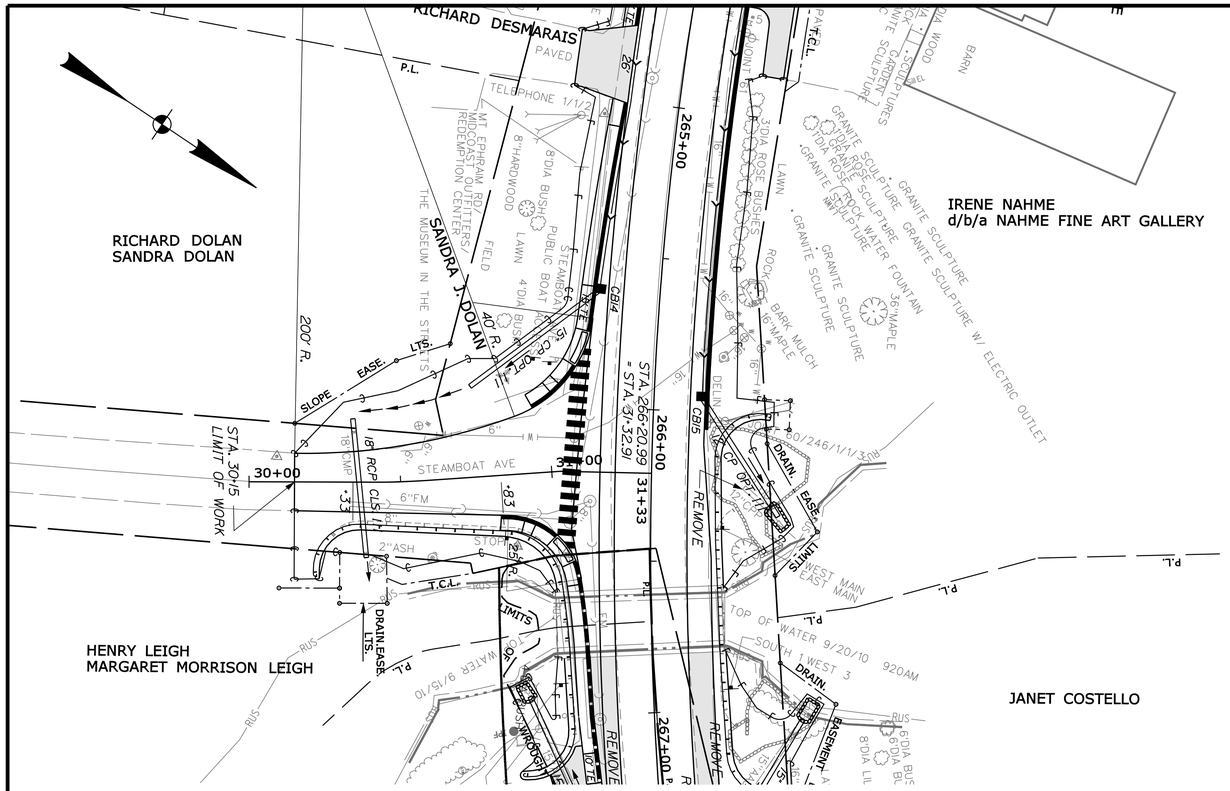






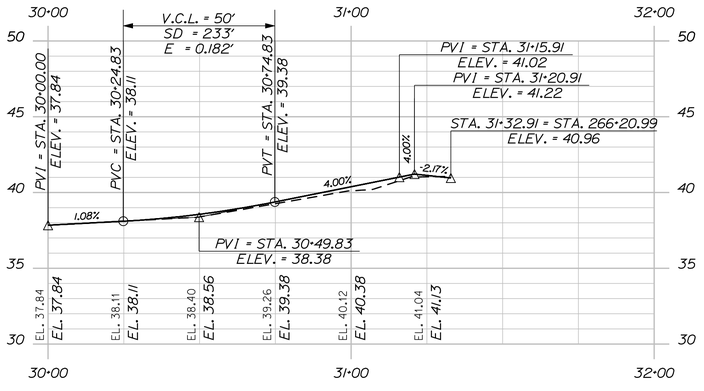
SHEET NUMBER 32 OF 292	SEARSPORT SAVAGE RD. / PROSPECT ST. PLAN AND PROFILE	PROJ. MANAGER ERNIE MARTIN / BY / DATE			STATE OF MAINE DEPARTMENT OF TRANSPORTATION
		DESIGN-DETAILED	MSM	MSM	4-22		
		CHECKED-REVIEWED	ALG		4-22	SIGNATURE	NH-1728(100)E
		DESIGN2-DETAILED2				4226	
		DESIGN3-DETAILED3				P.E. NUMBER	WIN 17281.00 HIGHWAY PLANS
		REVISIONS 1					
		REVISIONS 2				DATE	
		REVISIONS 3					
		REVISIONS 4					
		FIELD CHANGES					

Filename: ...\033_HDPlan_Sideroods 2.dgn Division: HIGHWAY Username: morin Date:4/25/2022

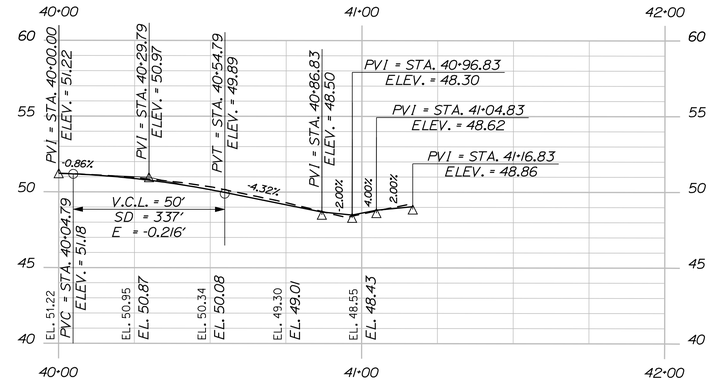


STEAMBOAT AVE

PIKE AVENUE



STEAMBOAT AVE PROFILE



PIKE AVE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

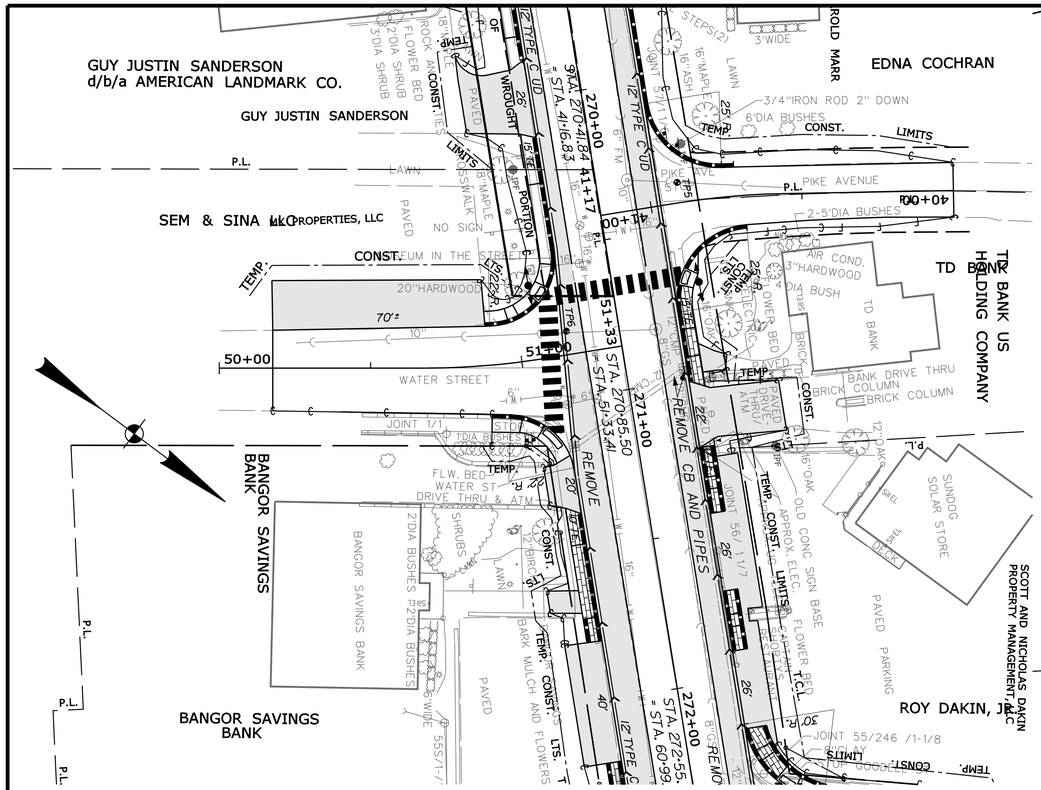
SEARSPORT
STEAMBOAT AVE. / PIKE AVE.

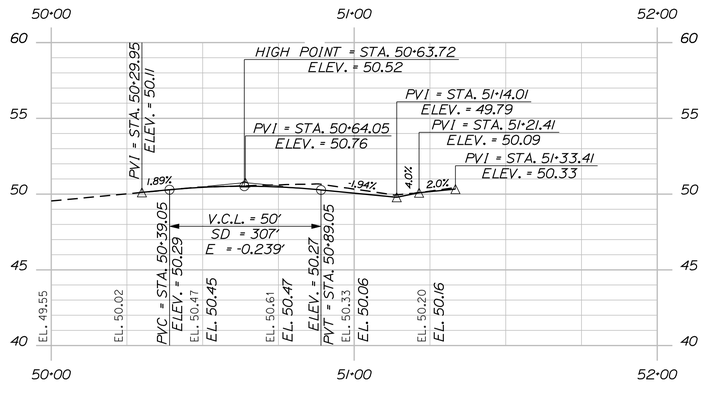
PLAN AND PROFILE

SHEET NUMBER

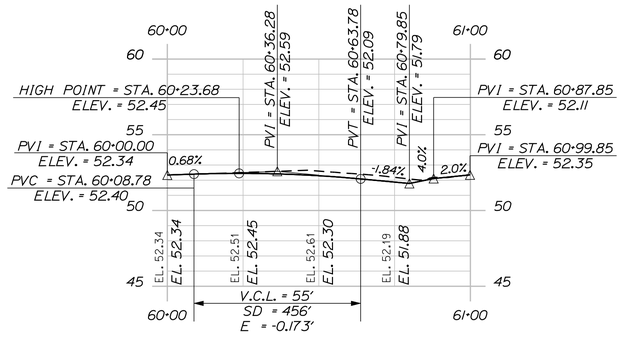
33

OF 292





WATER STREET PROFILE



GOODELL STREET PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	DATE
CHECKED-REVIEWED	ALC	MSM	4-22
DESIGN2-DETAILED2		ALC	4-22
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

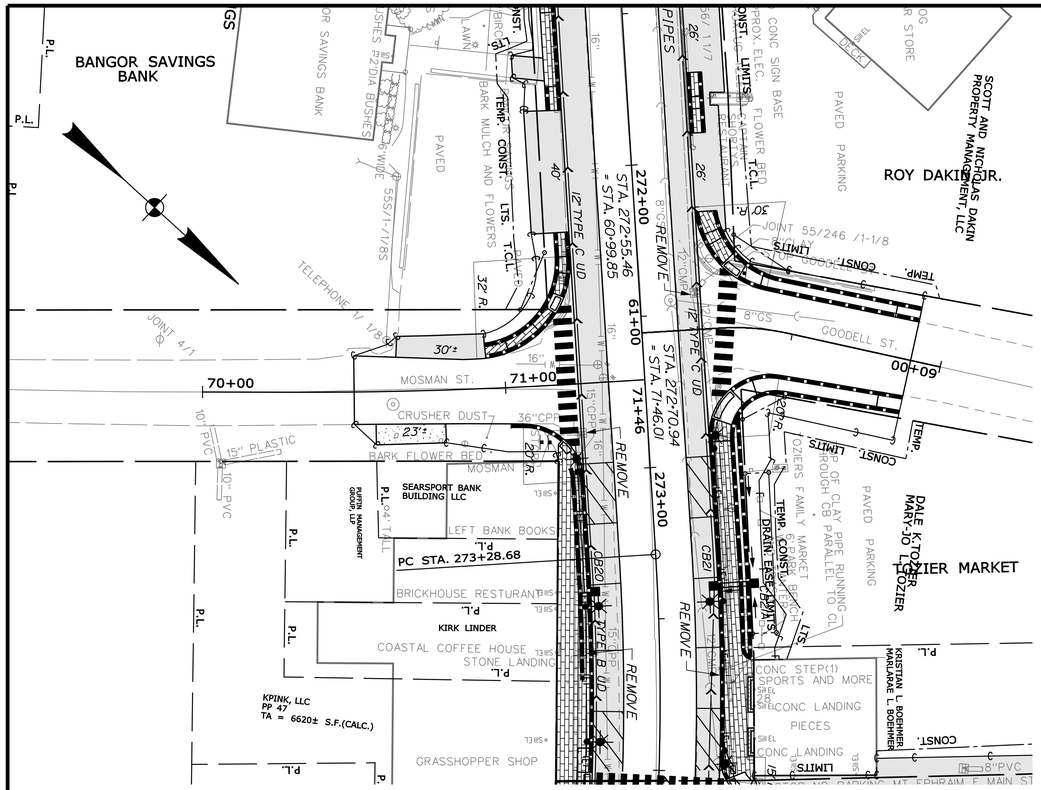
DATE

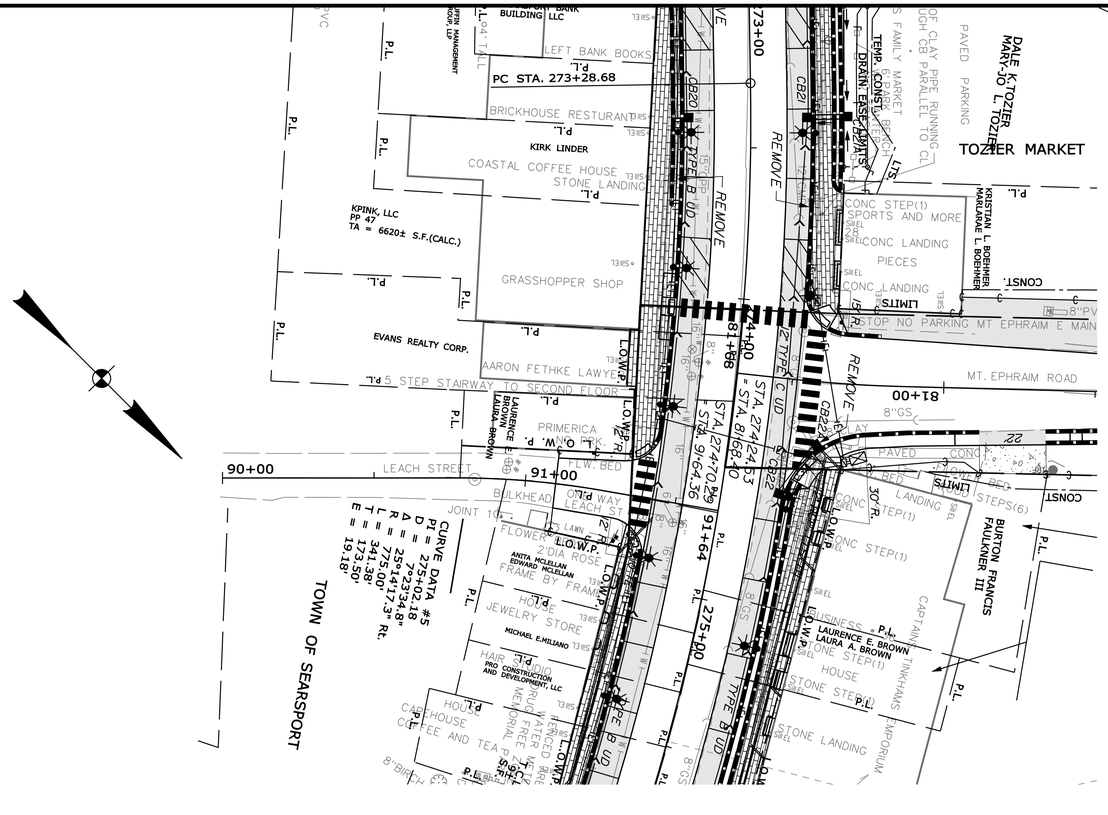
SEARSPORT
WATER ST. / GOODELL ST.

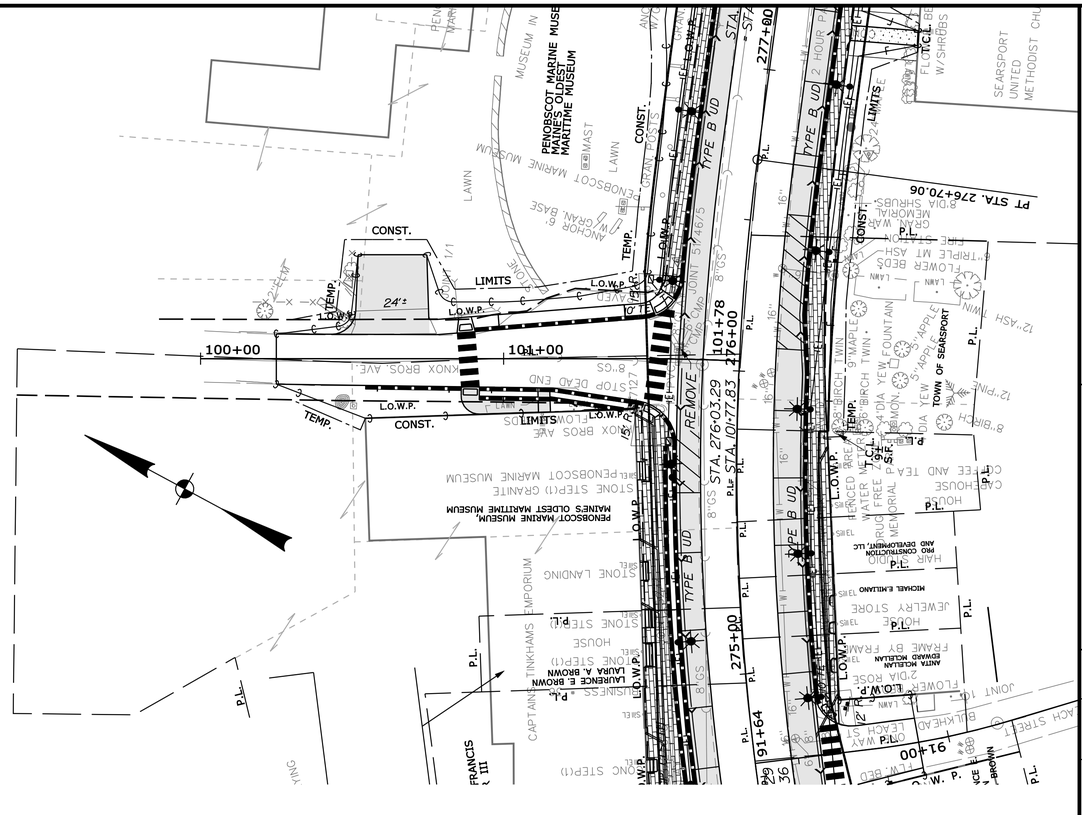
PLAN AND PROFILE

SHEET NUMBER
34
OF 292

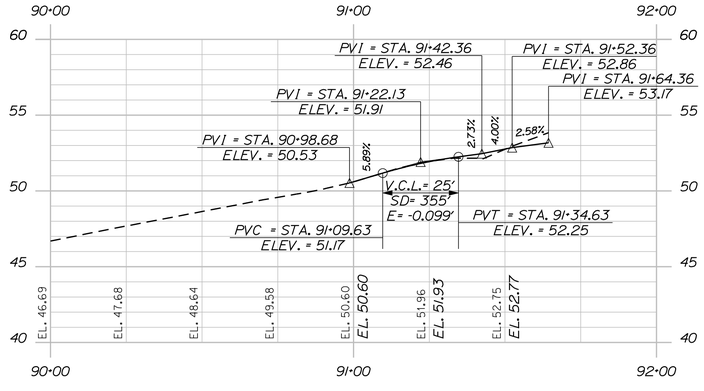
Filename: ...\034_HDPlan_Sideroods 3.dgn Division: HIGHWAY Username: morin Date:4/25/2022


BANGOR SAVINGS BANK
SCOTT AND NICHOLAS DAKIN PROPERTY MANAGEMENT, LLC
ROY DAKIN JR.
TOZIER MARKET
DALE K. TOZIER
MARY-JO L. TOZIER
SEARSPORT BANK BUILDING LLC
KPINK, LLC
PP 47
TA = 6620± S.F.(CALC.)
KIRK LINDER
COASTAL COFFEE HOUSE
STONE LANDING
BRICKHOUSE RESTURANT
LEFT BANK BOOKS
GRASSHOPPER SHOP
KRISTIAN L BOEHMER
MARIJARAE L BOEHMER
BURTON FRANCIS FAULKNER III
LAURENCE E. BROWN
LAURA K. BROWN
EVANS REALTY CORP.
AARON FLETHKE LAWYER
PRIMEPEIRA
MOSMAN ST.
MT. EPHRAIM ROAD
PC STA. 273+28.68
PC STA. 273+28.68
MOSMAN
MARKET
PAVED PARKING
PAVED
CRUSHER DUST
BARK MULCH AND FLOWERS
BARK FLOWER BED
TEMP. CONST. LIMITS
DRAIN EASEMENT
REMOVE
TYPE B UD
TYPE C UD
12" TYPE C UD
8"CS
8"PVC
10" PVC
15" PLASTIC
36"CPP
GOODELL ST.
JOINT 4/1
JOINT 55/246 /1-1/8
TELEPHONE 1/ 1/8
STEEL PIPES
CONC SIGN BASE
PROP. ELEC. MANHOLE
CONC STEP(1)
SPORTS AND MORE
CONC LANDING
PIECES
CONC LANDING
CONC STEPS
CONC LANDING
CONC STEP(1)
CONC STEP(6)
CONC STEP(1)
CONC LANDING
CONC STEPS AND MORE
CONC LANDING
CONC STEP(1)
CONC STEP(1)
CONC STEP(1)



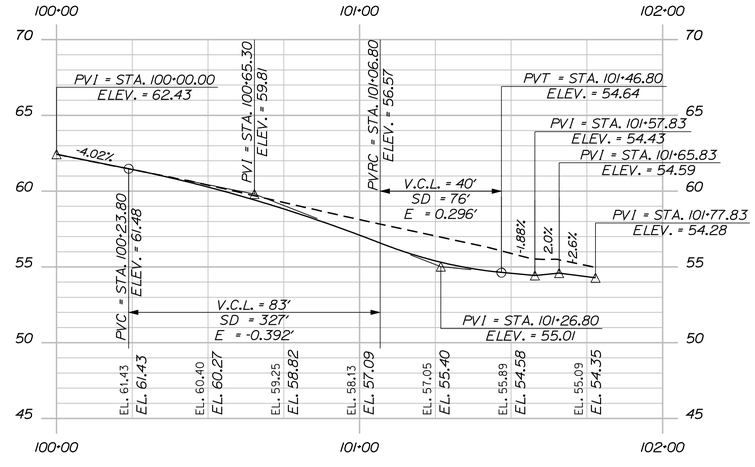


LEACH STREET



LEACH STREET PROFILE

KNOX BROS. AVE



KNOX BROS AVE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

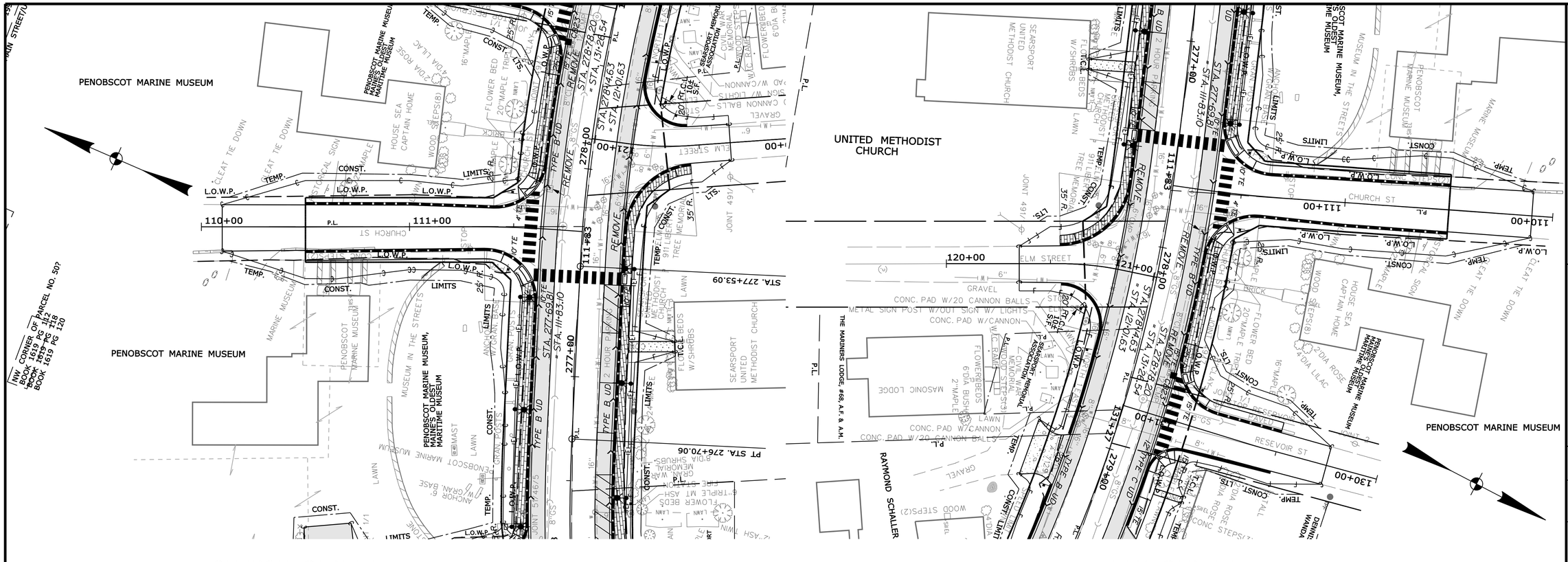
DATE

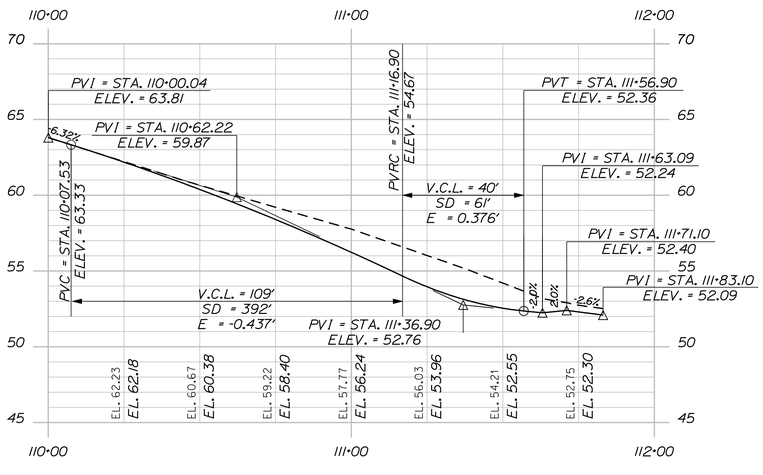
SEARSPORT
US ROUTE 1

PLAN AND PROFILE

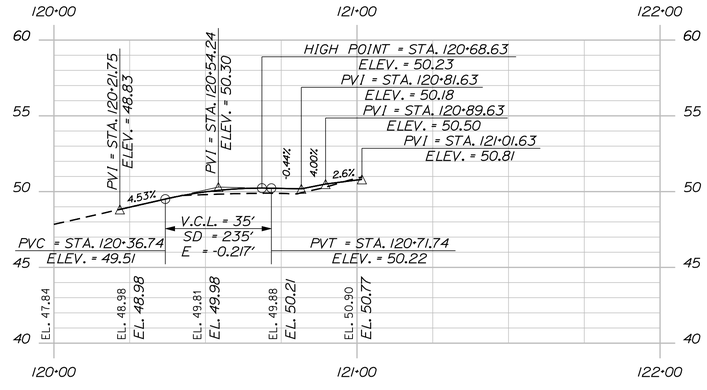
SHEET NUMBER
36
OF 292

Filename: ...\036_HDPlan_Sideroods 5.dgn Division: HIGHWAY Username: morin Date:4/25/2022





CHURCH STREET PROFILE



ELM STREET PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

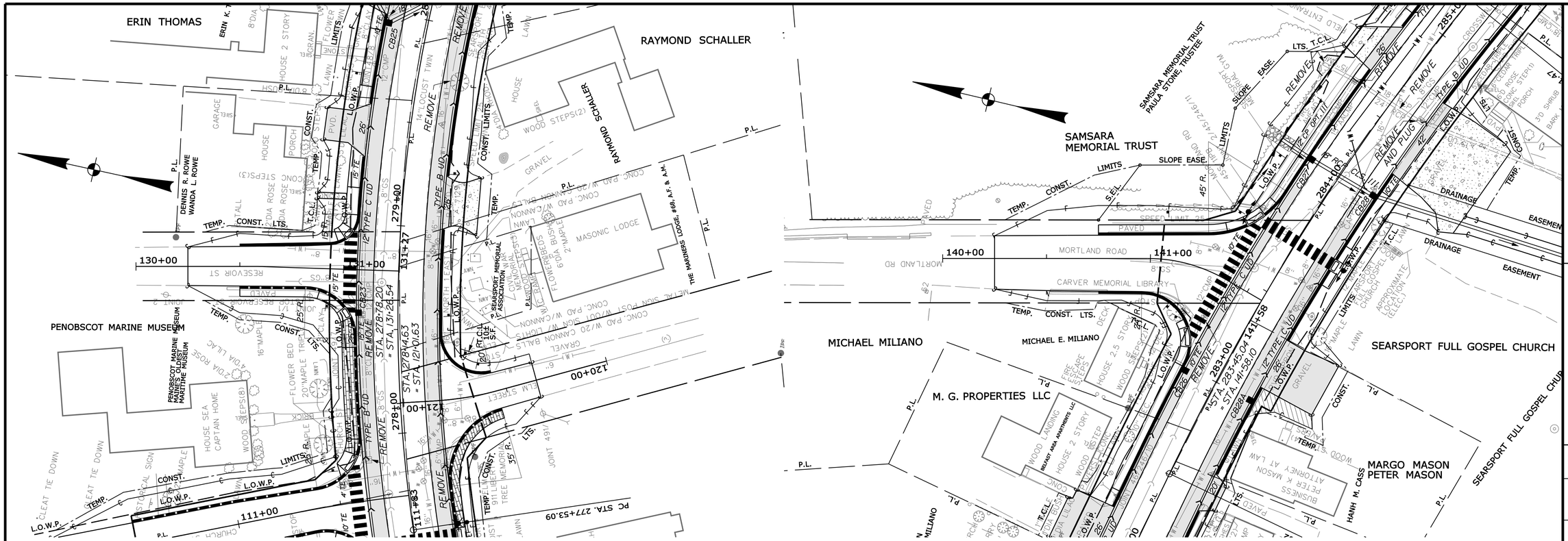
DATE

SEARSPORT
CHURCH ST. / ELM ST.

PLAN AND PROFILE

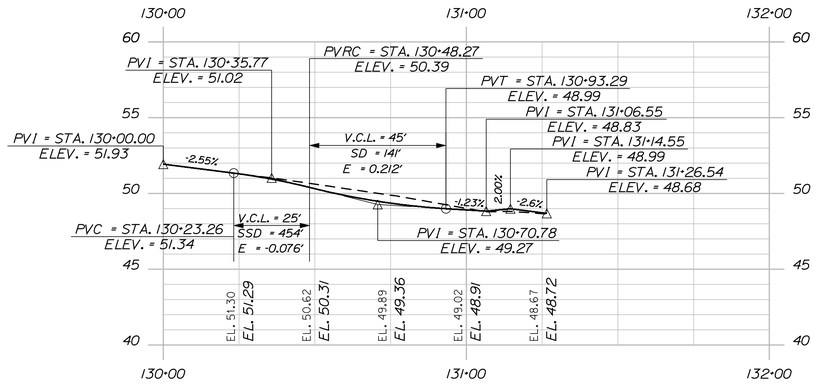
SHEET NUMBER
37
OF 292

Filename: ...\037_HDPlan_Sderoods 6.dgn Division: HIGHWAY Username: morin Date:4/25/2022

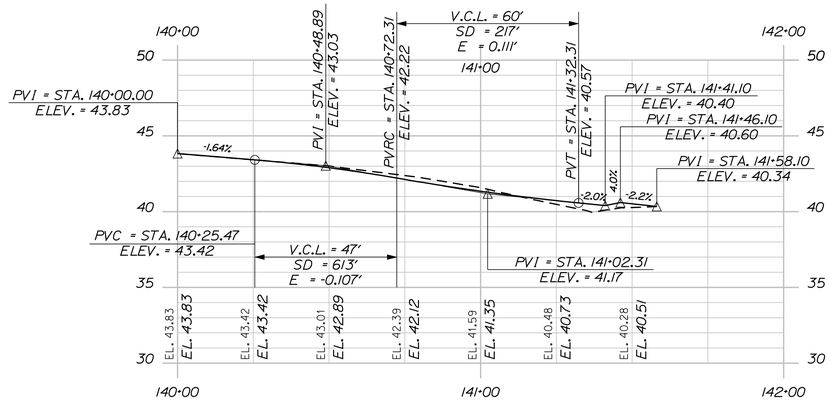


RESERVOIR STREET

MORTLAND ROAD



RESERVOIR STREET PROFILE



MORTLAND ROAD PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

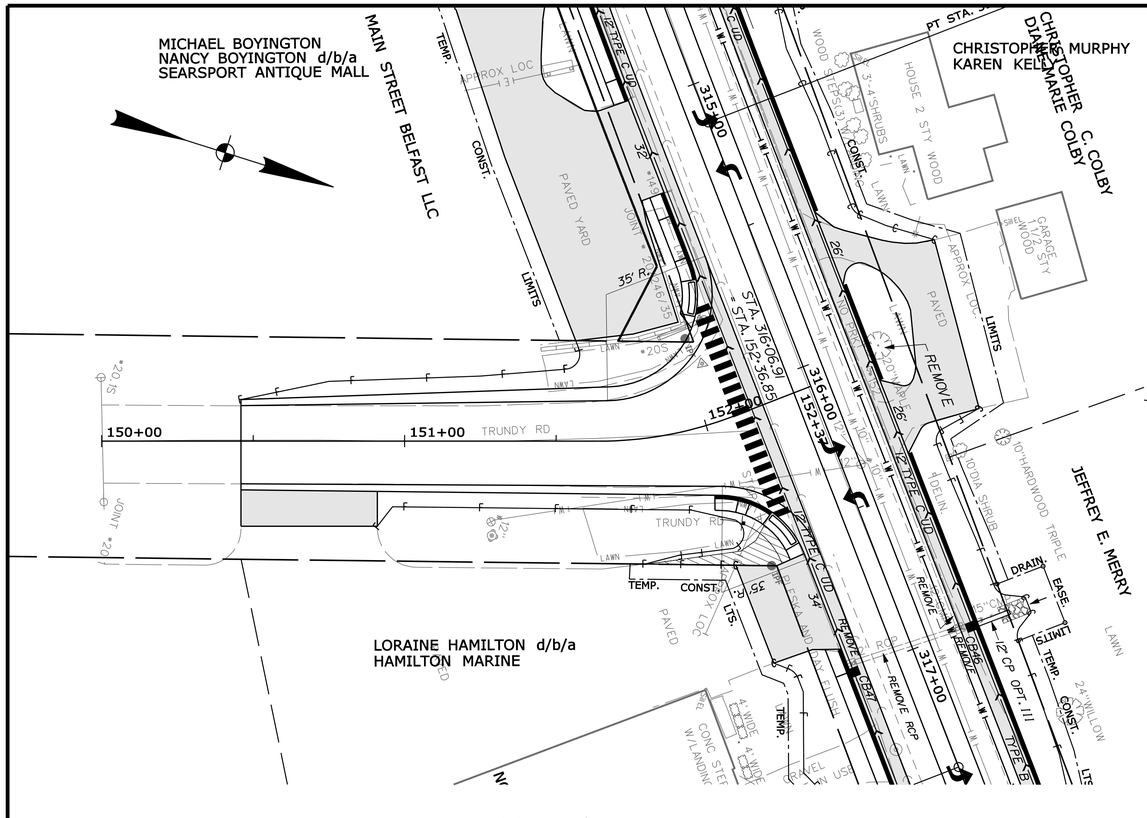
DATE

SEARSPORT
RESEVOIR ST. / MORTLAND RD.

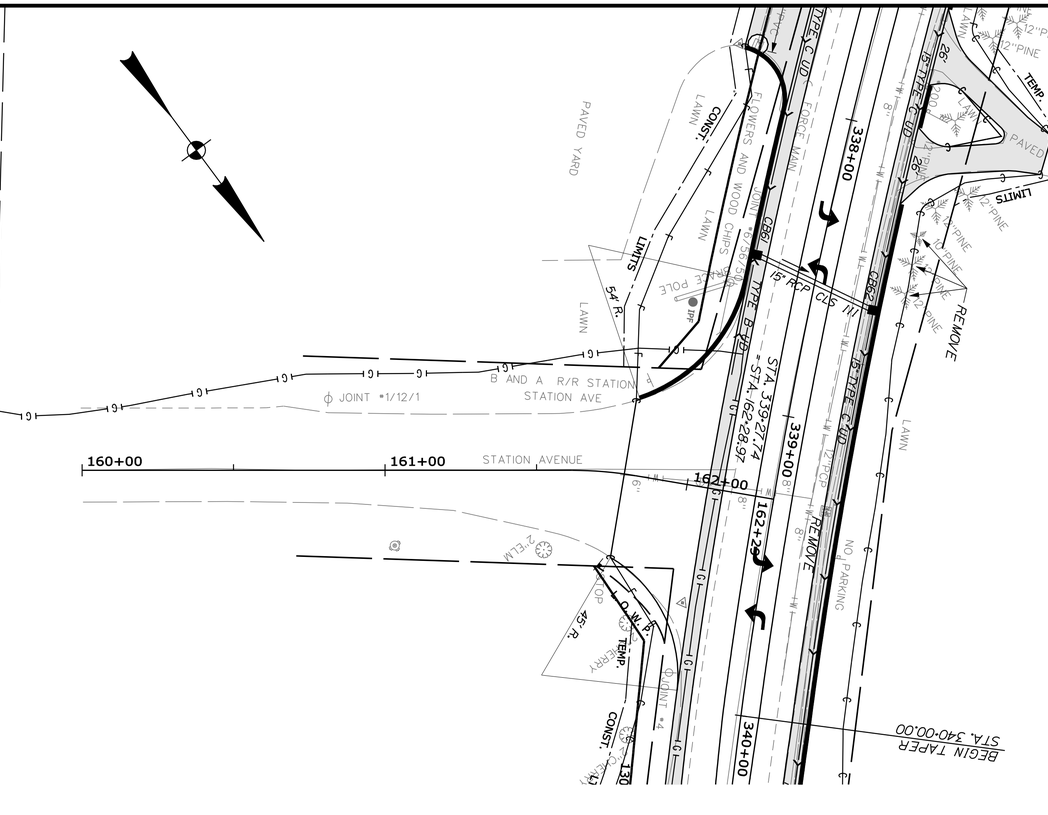
PLAN AND PROFILE

SHEET NUMBER
38
OF 292

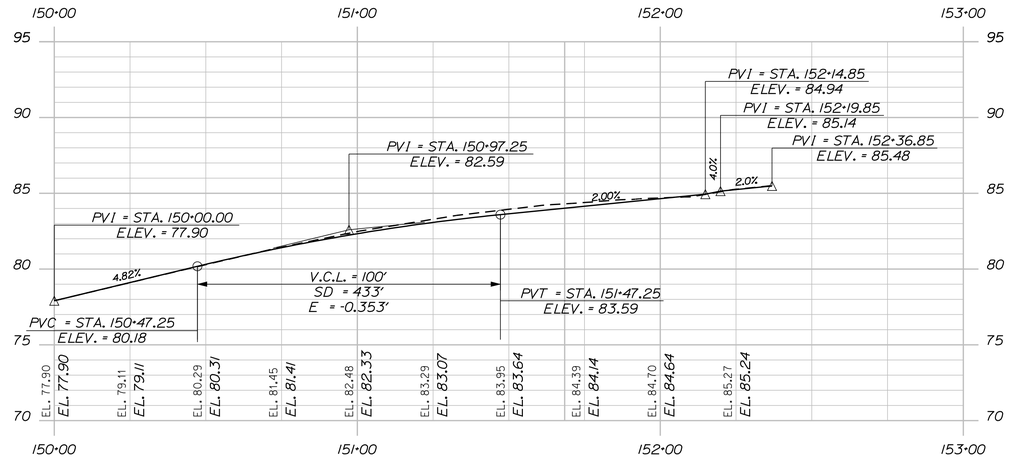
Filename: ...\038_HDPlan_Sideroods 7.dgn Division: HIGHWAY Username: morin Date:4/25/2022



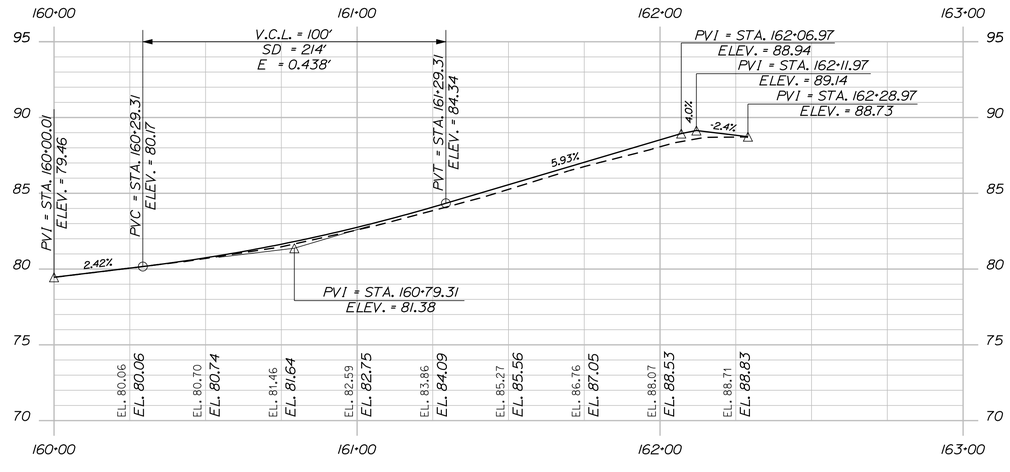
TRUNDY ROAD



STATION AVE



TRUNDY ROAD PROFILE



STATION AVE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	DATE
CHECKED-REVIEWED	ALC	MSM	4-22
DESIGN2-DETAILED2		ALC	4-22
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

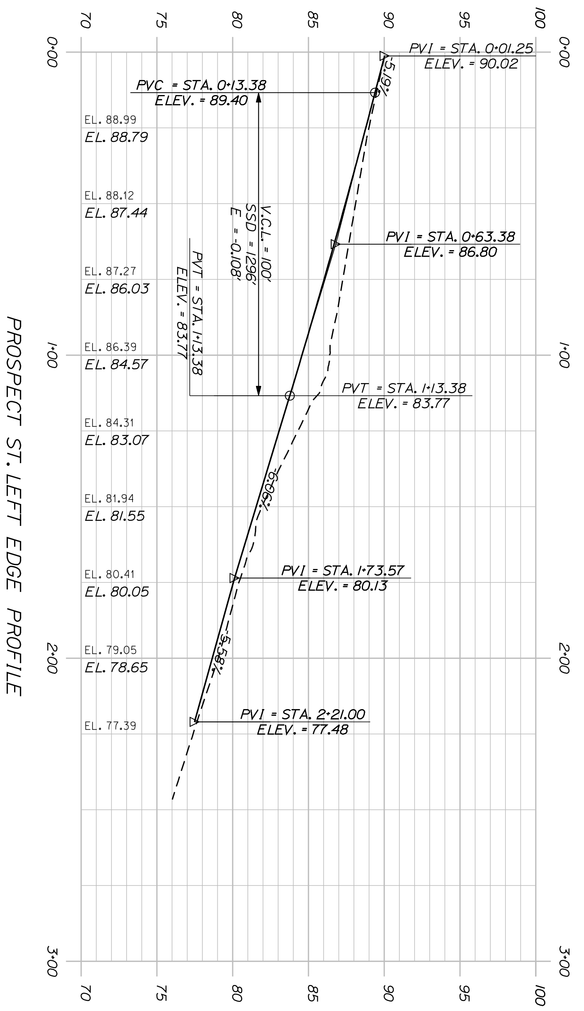
DATE

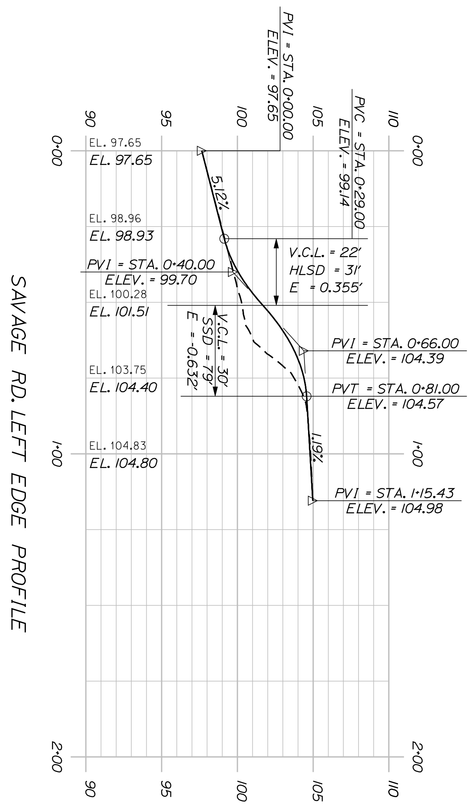
SEARSPORT
TRUNDY RD. / STATION AVE.

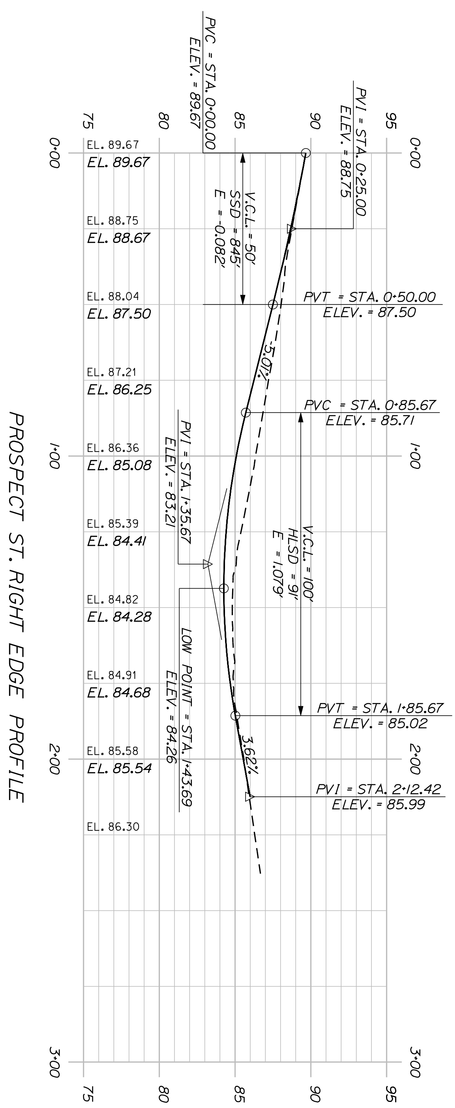
PLAN AND PROFILE

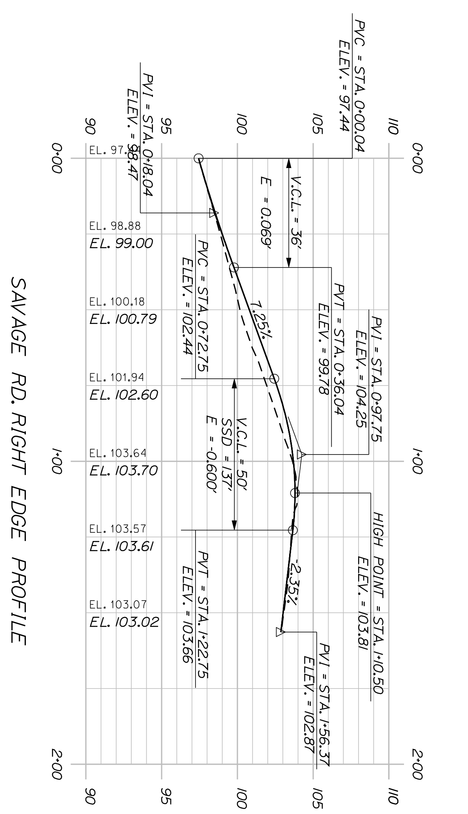
SHEET NUMBER
39
OF 292

Filename: ...\039_HDPlan_Sideroods 8.dgn Division: HIGHWAY Username: morin Date:4/25/2022









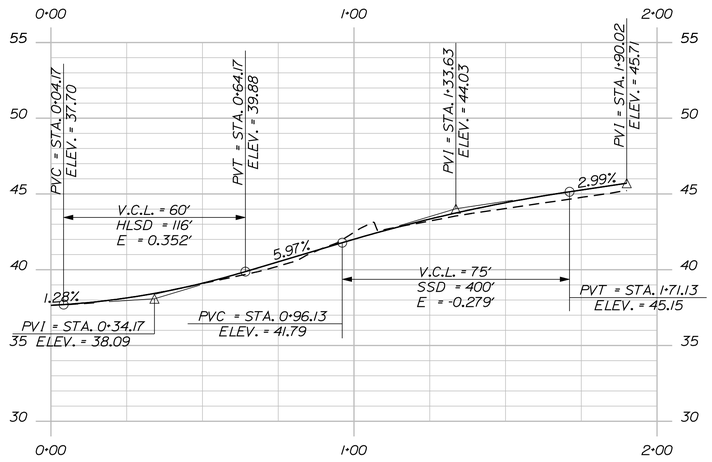
SHEET NUMBER 40 OF 292

SEARSPORT
SAVAGE RD. / PROSPECT ST.
EDGE PROFILES

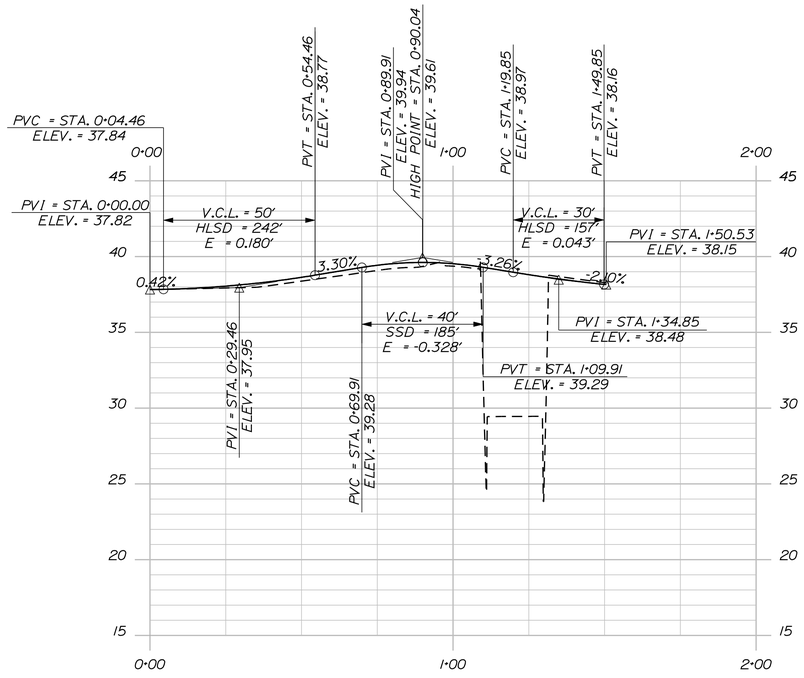
PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER
DATE

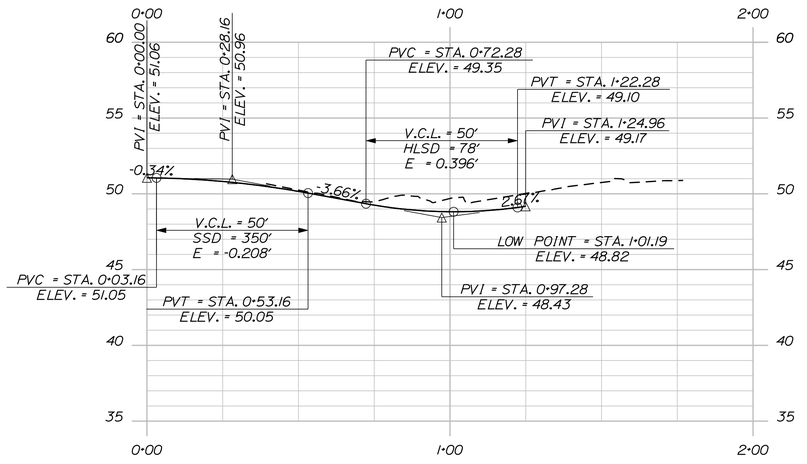
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1728(100)E
WIN 17281.00
HIGHWAY PLANS



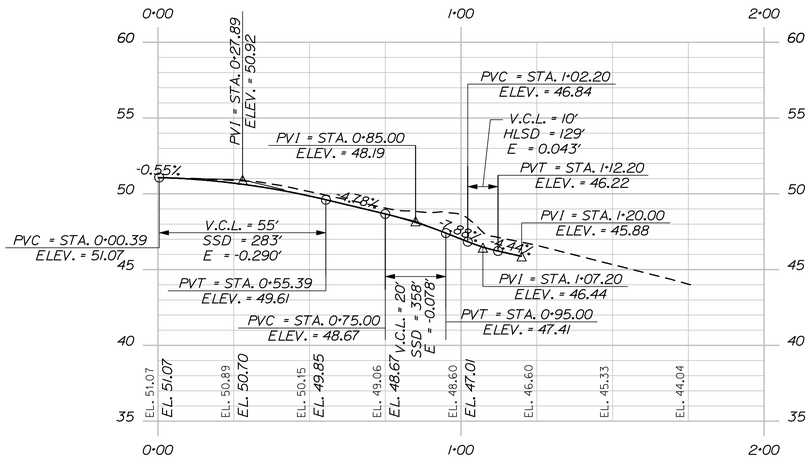
STEAMBOAT AVE. LEFT EDGE PROFILE



STEAMBOAT AVE. RIGHT EDGE PROFILE



PIKE AVENUE LEFT EDGE PROFILE



PIKE AVENUE RIGHT EDGE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

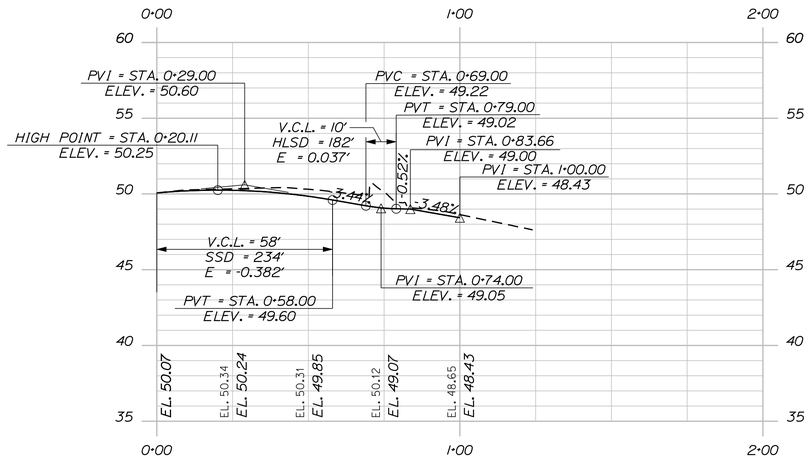
DATE

SEARSPORT
STEAMBOAT AVE. / PIKE AVE.

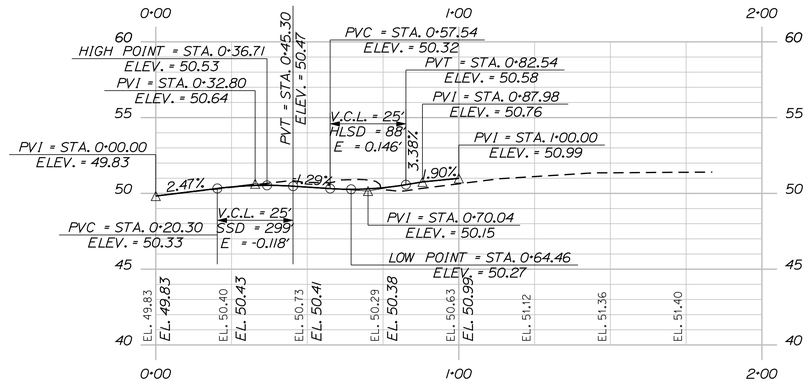
EDGE PROFILES

SHEET NUMBER
41
OF 292

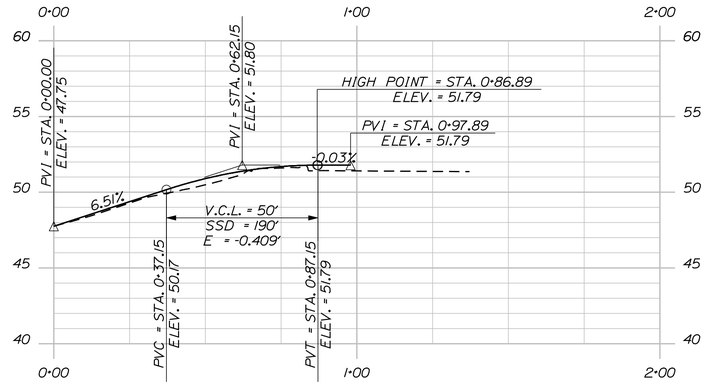
Filename: ...\041_Sideroods_Edge Profiles.dgn Division: HIGHWAY Username: morin Date:4/25/2022



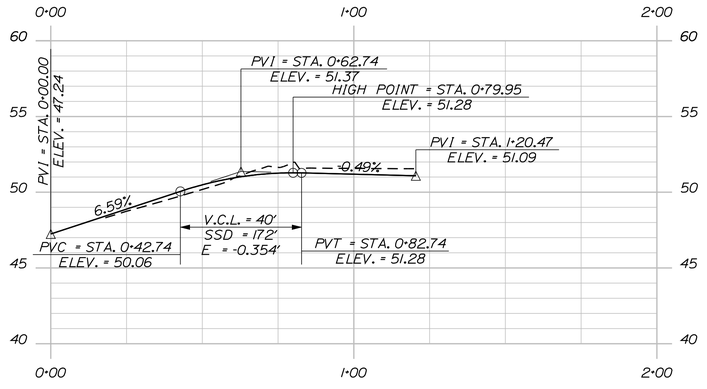
WATER STREET LEFT EDGE PROFILE



WATER STREET RIGHT EDGE PROFILE



MOSMAN ST. LEFT EDGE PROFILE



MOSMAN ST. RIGHT EDGE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	DATE
CHECKED-REVIEWED	ALG	MSM	4-22
DESIGN2-DETAILED2		ALG	4-22
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
WATER ST. / MOSMAN ST.

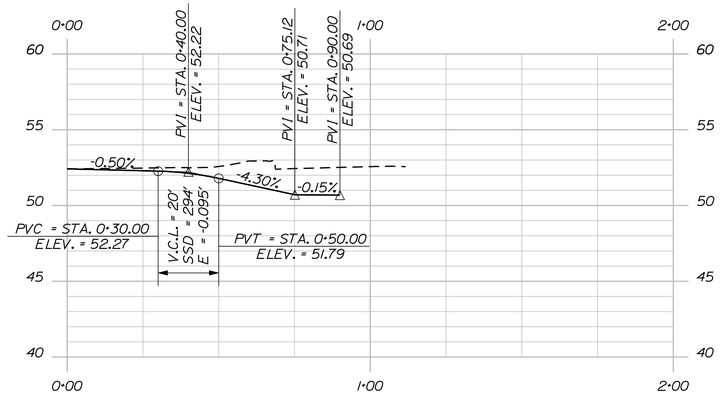
EDGE PROFILES

SHEET NUMBER

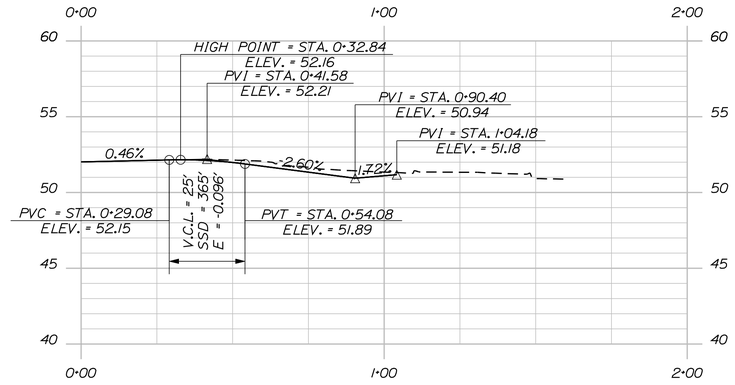
42

OF 292

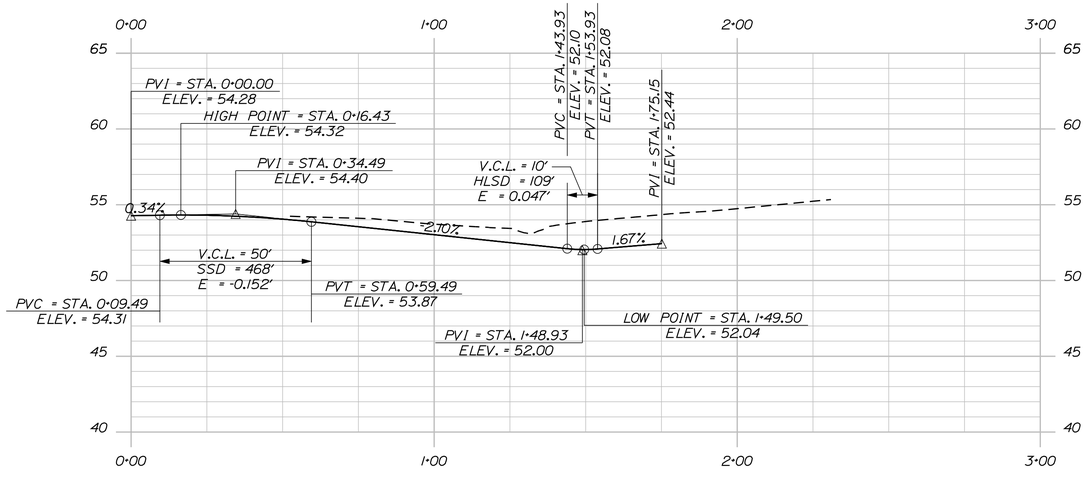
Filename: ...\042_Sideroods_Edge Profiles.dgn Division: HIGHWAY Username: morin Date:4/25/2022



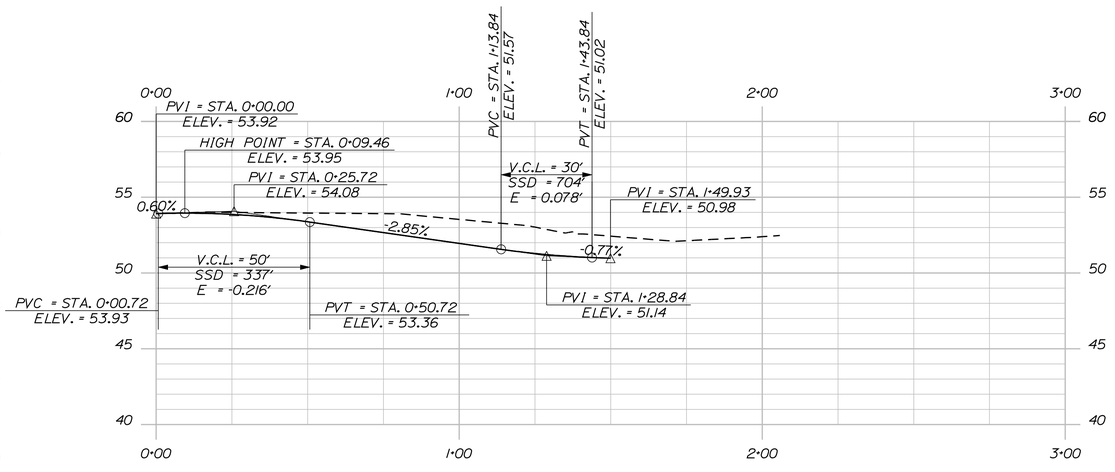
GOODELL ST. LEFT EDGE PROFILE



GOODELL ST. RIGHT EDGE PROFILE



MT. EPHRAIM RD. LEFT EDGE PROFILE



MT EPHRAIM RD. RIGHT EDGE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	DATE
CHECKED-REVIEWED	ALG	MSM	4-22
DESIGN2-DETAILED2		ALG	4-22
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
GOODELL ST. / MT. EPHRAIM RD.

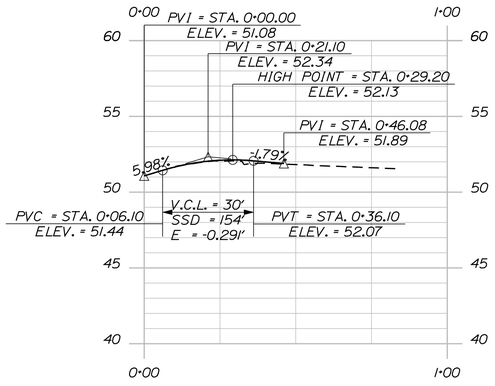
EDGE PROFILES

SHEET NUMBER

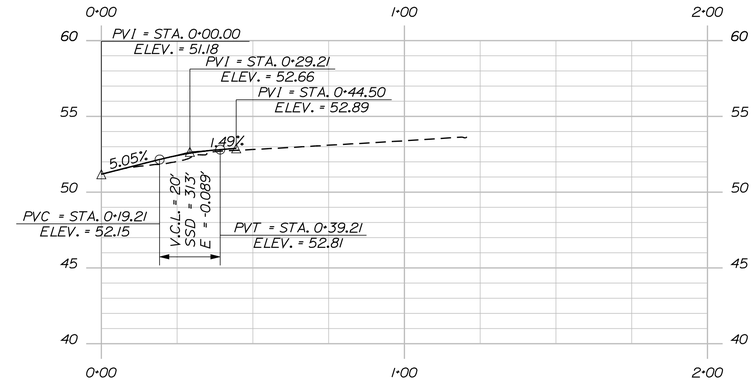
43

OF 292

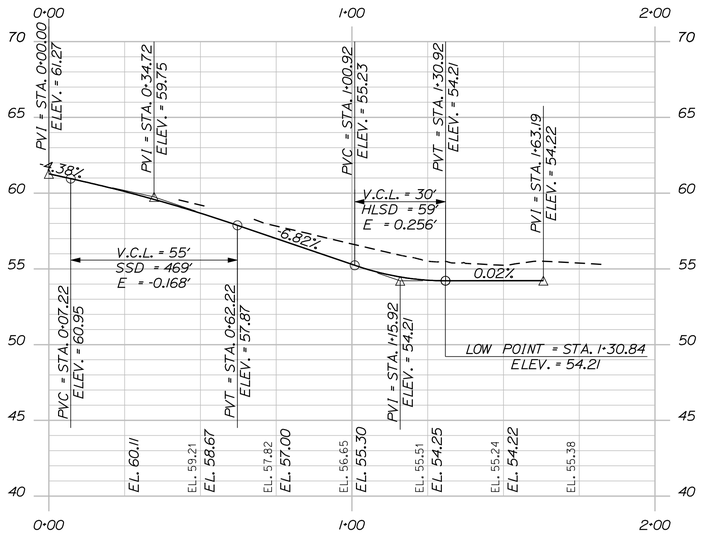
Filename: ...\043_Sideroods_Edge Profiles.dgn Division: HIGHWAY Username: morin Date:4/25/2022



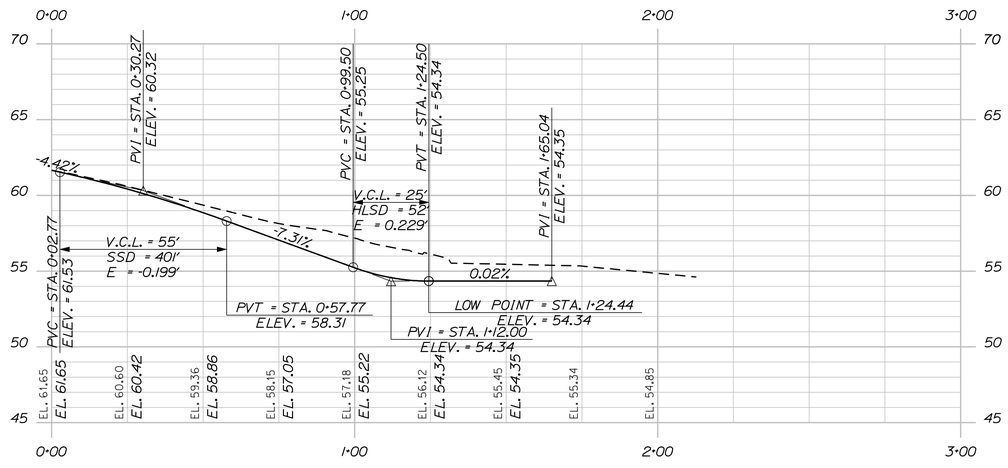
LEACH RD. LEFT EDGE PROFILE



LEACH RD. RIGHT EDGE PROFILE



KNOX BROS AVE. LEFT EDGE PROFILE



KNOX BROS AVE. RIGHT EDGE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

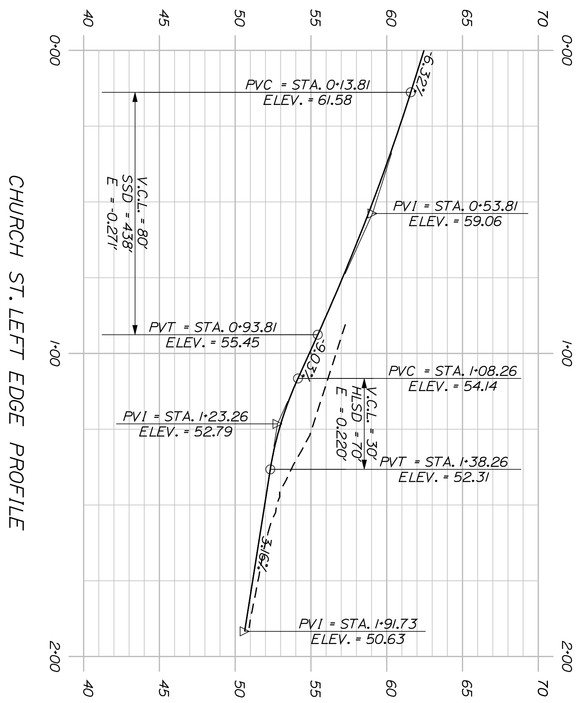
DATE

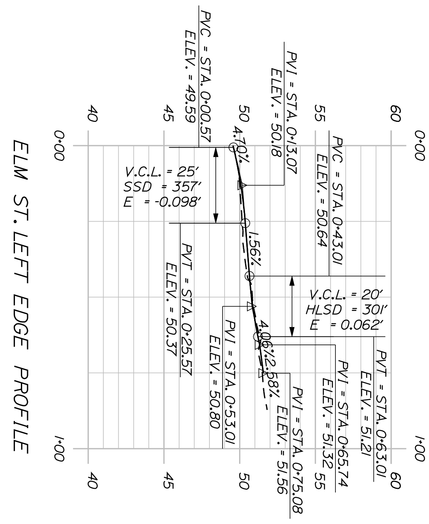
SEARSPORT
LEACH RD. / KNOX BROS. AVE.

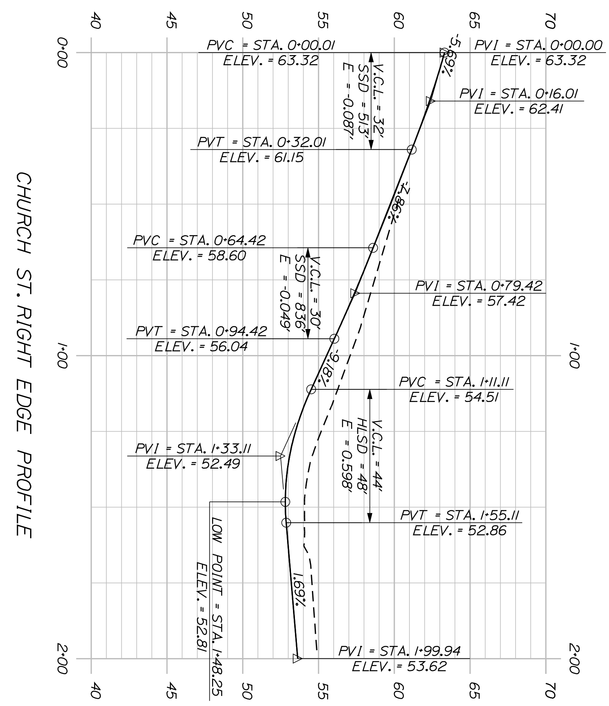
EDGE PROFILES

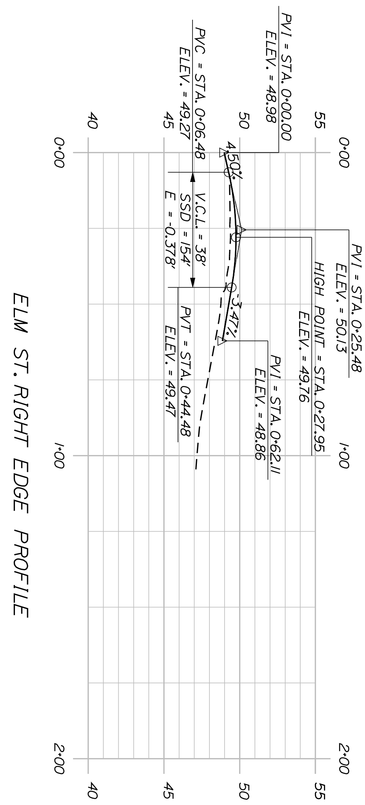
SHEET NUMBER
44
OF 292

Filename: ...\044_Sideroods_Edge Profiles.dgn Division: HIGHWAY Username: morin Date:4/25/2022









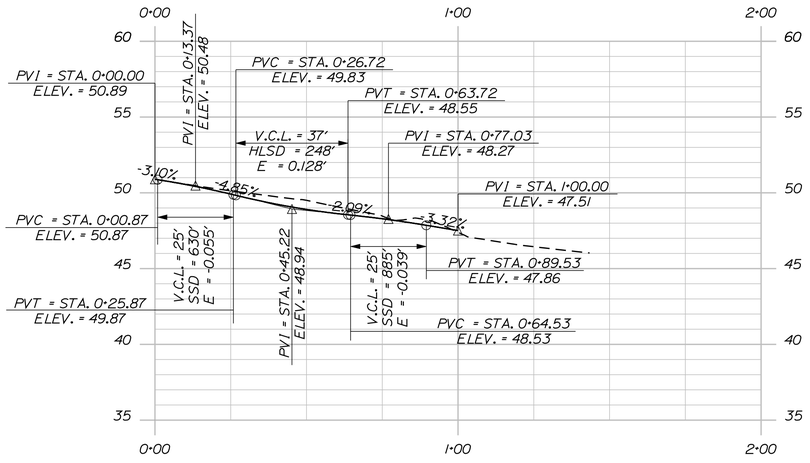
SHEET NUMBER 45 OF 292

SEARSPORT
ELM ST. / CHURCH ST.
EDGE PROFILES

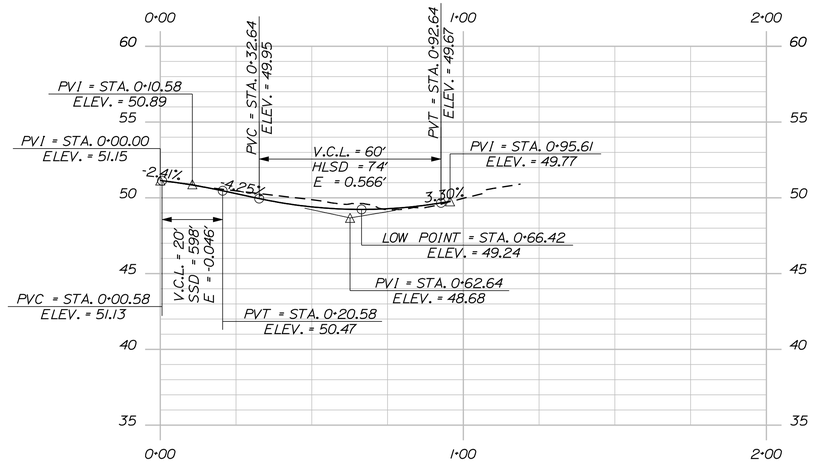
PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE 4226
P.E. NUMBER
DATE

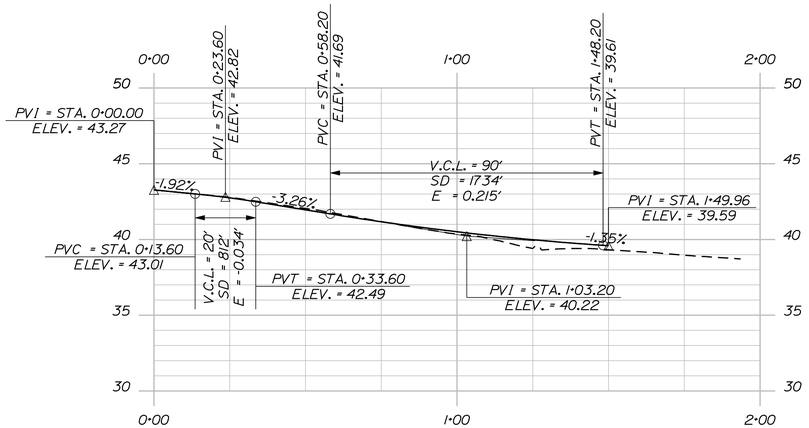
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1728(100)E
WIN 17281.00
HIGHWAY PLANS



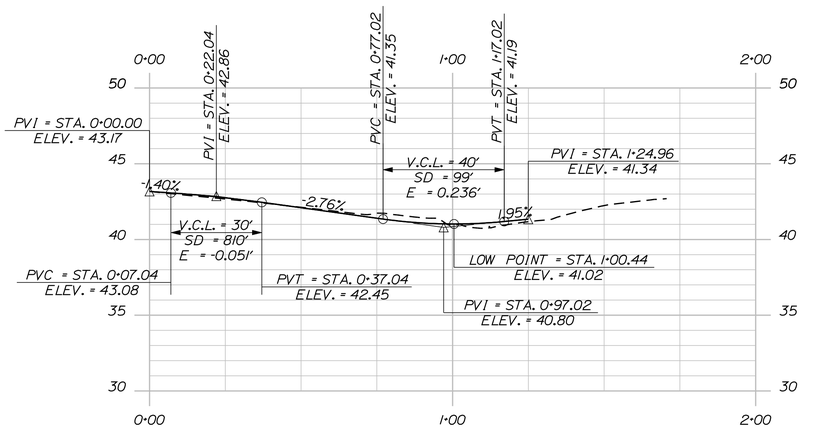
RESEVOIR ST. LEFT EDGE PROFILE



RESEVOIR ST. RIGHT EDGE PROFILE



MORTLAND RD. LEFT EDGE PROFILE



MORTLAND ROAD RIGHT EDGE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
RESEVOIR ST. / MORTLAND RD.

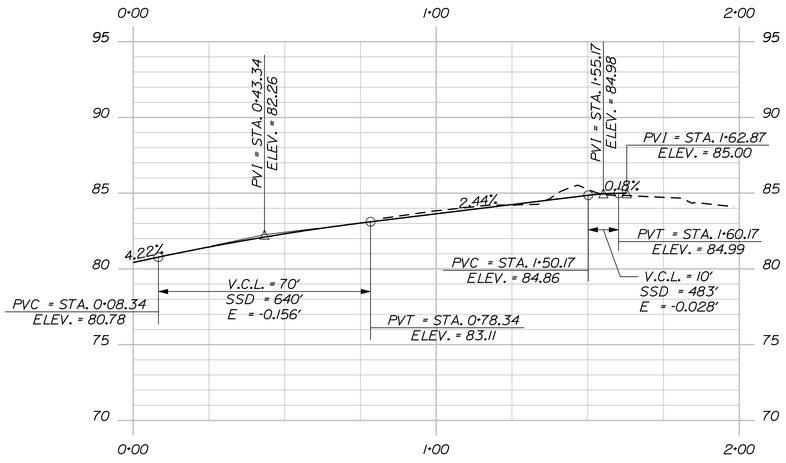
EDGE PROFILES

SHEET NUMBER

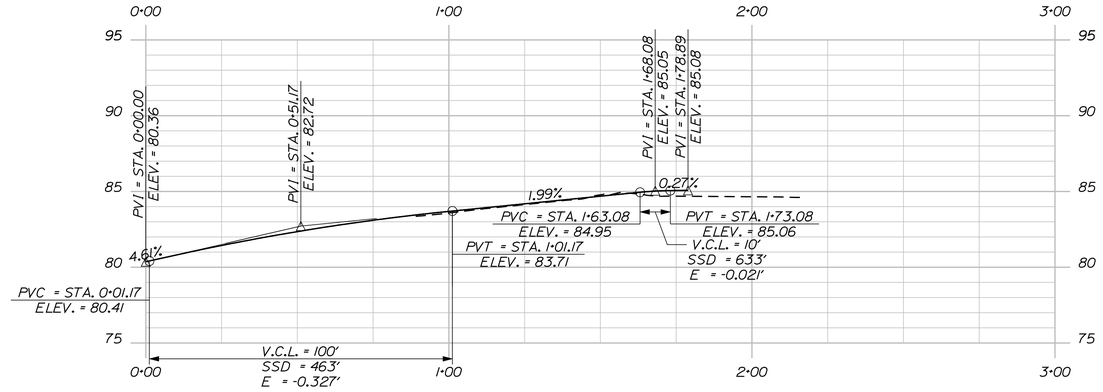
46

OF 292

Filename: ...\046_Sideroods_Edge Profiles.dgn Division: HIGHWAY Username: morin Date:4/25/2022



TRUNDY RD. LEFT EDGE PROFILE



TRUNDY RD. RIGHT EDGE PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

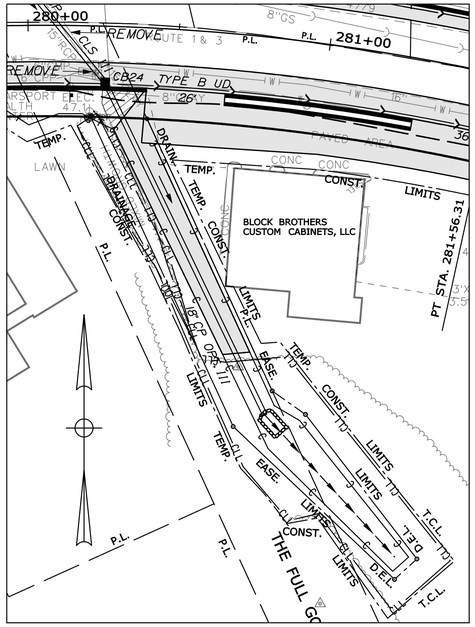
SEARSPORT
TRUNDY RD.

EDGE PROFILES

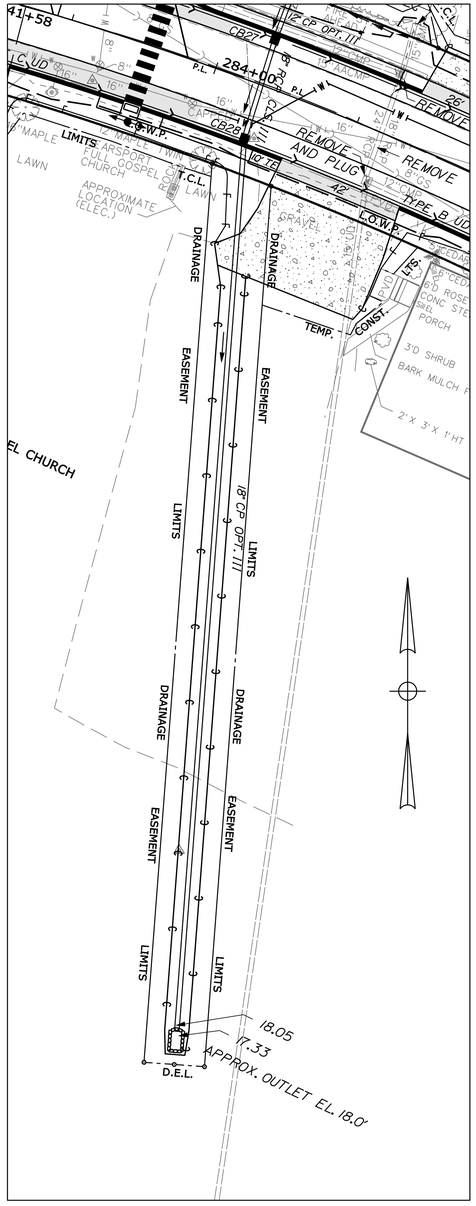
SHEET NUMBER
47
OF 292

Filename: ...\047_Sideroods_Edge Profiles.dgn Division: HIGHWAY Username: morin Date:4/25/2022

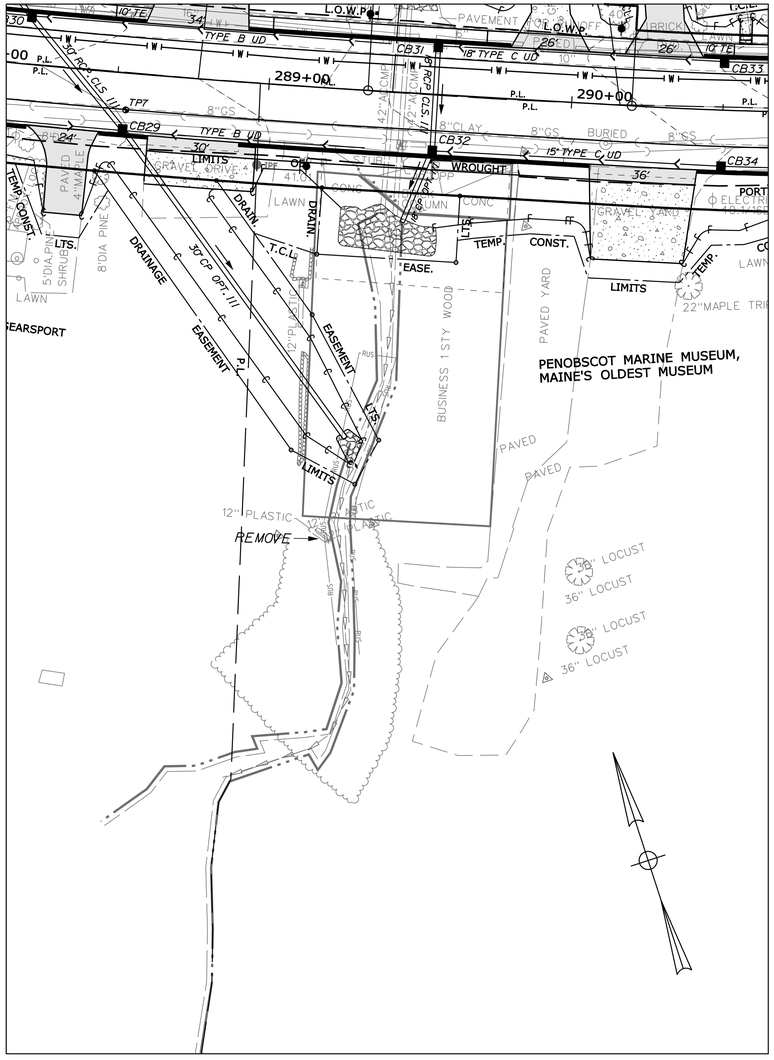
Filename: ...\mslo\048_Drainage Outlets.dgn Division: HIGHWAY Username: morin Date:4/25/2022



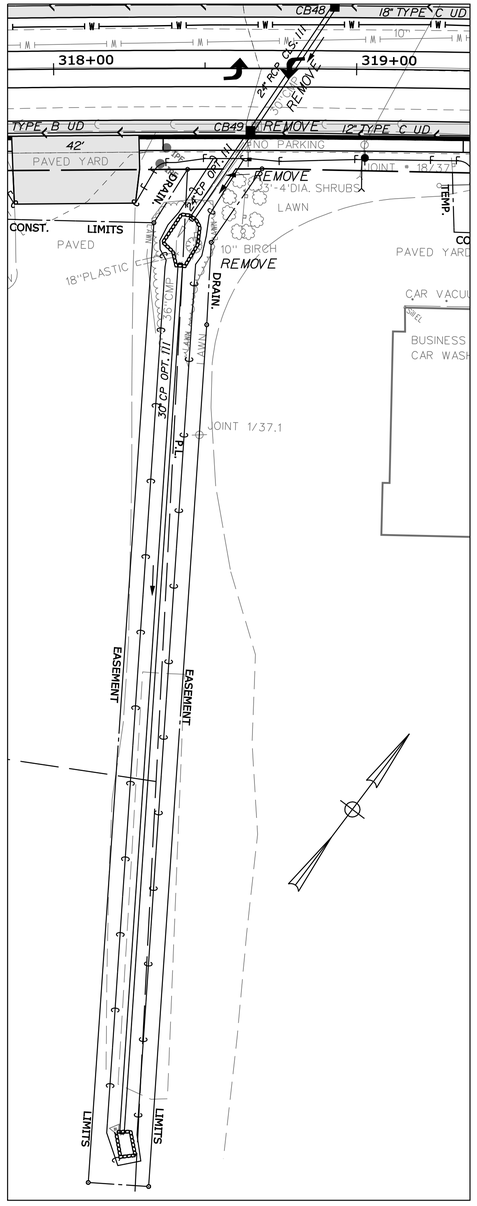
CLOSED DRAINAGE OUTLET DETAIL A



CLOSED DRAINAGE OUTLET DETAIL B



CLOSED DRAINAGE OUTLET DETAIL C



CLOSED DRAINAGE OUTLET DETAIL D

Horiz. 25 0 25 50

Vert. 5 0 5 10

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

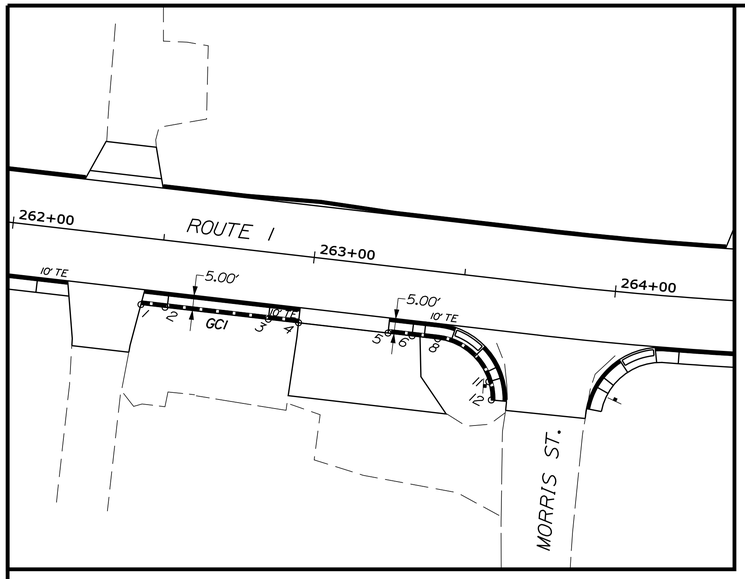
SEARSPORT
US ROUTE 1

DRAINAGE OUTLETS

SHEET NUMBER

48

OF 292



Horizontal Alignment Name: GC1

STATION	NORTHING	EASTING
POB 0+00.00	348728.02417	1691557.11914
PC 0+98.57	348762.39862	1691649.50449

Tangent Direction: N 69°35'27.4" E
Tangent Length: 98.573'

PI 1+16.69	348768.71724	1691666.48669
CC	348743.65406	1691656.47884
PT 1+28.02	348752.43936	1691674.44600

Radius: 20.00
Delta: 84°21'06.9" Right
Length: 29.444
Tangent: 18.12
External: 6.99

Horizontal Alignment Name: GC2

STATION	NORTHING	EASTING
PC 0+00.00	348898.93102	1691928.84722
PI 0+03.18	348901.62129	1691930.54759
CC	348885.57417	1691949.98000
PCC 0+06.33	348903.79973	1691932.86776

Radius: 25.00
Delta: 14°30'35.3" Right
Length: 6.33
Tangent: 3.18
External: 0.20

PI 0+19.02	348912.48319	1691942.11534
CC	348720.25419	1692105.21654
PT 0+31.68	348920.19319	1691952.18888

Radius: 251.78
Delta: 5°46'06.9" Right
Length: 25.35
Tangent: 12.69
External: 0.32

PI 0+51.60	348932.32228	1691967.99056

Tangent Direction: N 52°29'26.8" E
Tangent Length: 19.92

PC 1+33.37	348985.60964	1692030.01265

Tangent Direction: N 49°19'54.9" E
Tangent Length: 81.77

PI 1+87.91	349021.08096	1692071.44074
CC	349872.06872	1691271.01377
PT 2+42.37	349060.26146	1692109.38002

Radius: 1167.00
Delta: 5°21'05.3" Left
Length: 109.00
Tangent: 54.540
External: 1.27

PI 4+04.85	349176.98816	1692222.40889

Tangent Direction: N 44°04'40.5" E
Tangent Length: 162.48

PC 4+07.84	349178.99142	1692224.63200

Tangent Direction: N 47°58'39.9" E
Tangent Length: 2.99

PI 4+29.13	349192.08005	1692241.42074
CC	349161.64106	1692238.15845
PT 4+41.68	349175.73090	1692255.05451

Radius: 22.00
Delta: 88°06'54.2" Right
Length: 33.83
Tangent: 21.29
External: 8.61

POE 4+43.98	349173.96097	1692256.53047

Tangent Direction: S 39°49'30.6" E
Tangent Length: 2.30

Horizontal Alignment Name: GC3

STATION	NORTHING	EASTING
POB 0+00.00	349193.26449	1692278.31716
PC 0+06.20	349198.34460	1692274.76047

Tangent Direction: N 34°59'47.8" W
Tangent Length: 6.20

PI 0+24.29	349213.20341	1692264.43682
CC	349210.89744	1692292.82775
PT 0+36.48	349226.20143	1692277.02307

Radius: 22.00
Delta: 78°52'07.9" Right
Length: 30.28
Tangent: 18.09
External: 6.48

PC 1+41.53	349301.66267	1692350.09374

Tangent Direction: N 44°04'40.5" E
Tangent Length: 105.04

PI 1+71.47	349323.17543	1692370.92499
CC	349279.40232	1692373.08236
PT 1+89.67	349303.81531	1692393.77067

Radius: 32.00
Delta: 86°12'03.7" Right
Length: 48.14
Tangent: 29.95
External: 11.83

Horizontal Alignment Name: GC6

STATION	NORTHING	EASTING
PC () 0+00.00	348986.85359	1691973.36281
PI () 0+73.99	349032.84380	1692031.32720
CC ()	349872.06872	1691271.01377
PT () 1+47.78	349085.99999	1692082.79943

Radius: 1130.00
Delta: 7°29'34.2" Left
Length: 147.78
Tangent: 73.99
External: 2.42

PC () 2+67.69	349172.14805	1692166.21836

Tangent Direction: N 44°04'40.5" E
Tangent Length: 119.92

PI () 2+89.35	349187.70912	1692181.28646
CC ()	349189.53895	1692148.25850
PT () 3+03.39	349204.83946	1692168.02955

Radius: 25.00
Delta: 81°48'49.2" Left
Length: 35.70
Tangent: 21.66
External: 8.08

POE () 3+07.75	349208.25260	1692165.31157

Tangent Direction: N 38°31'52.9" W
Tangent Length: 4.36

Horizontal Alignment Name: GC7

STATION	NORTHING	EASTING
PC 0+00.00	349223.09330	1692177.96178
PI 0+27.09	349202.74988	1692195.85074
CC	349239.60210	1692196.73568
PT 0+41.28	349222.21120	1692214.69554

Radius: 25.00
Delta: 94°35'43.2" Left
Length: 41.28
Tangent: 27.09
External: 11.86

PC 1+78.93	349321.10303	1692310.45453

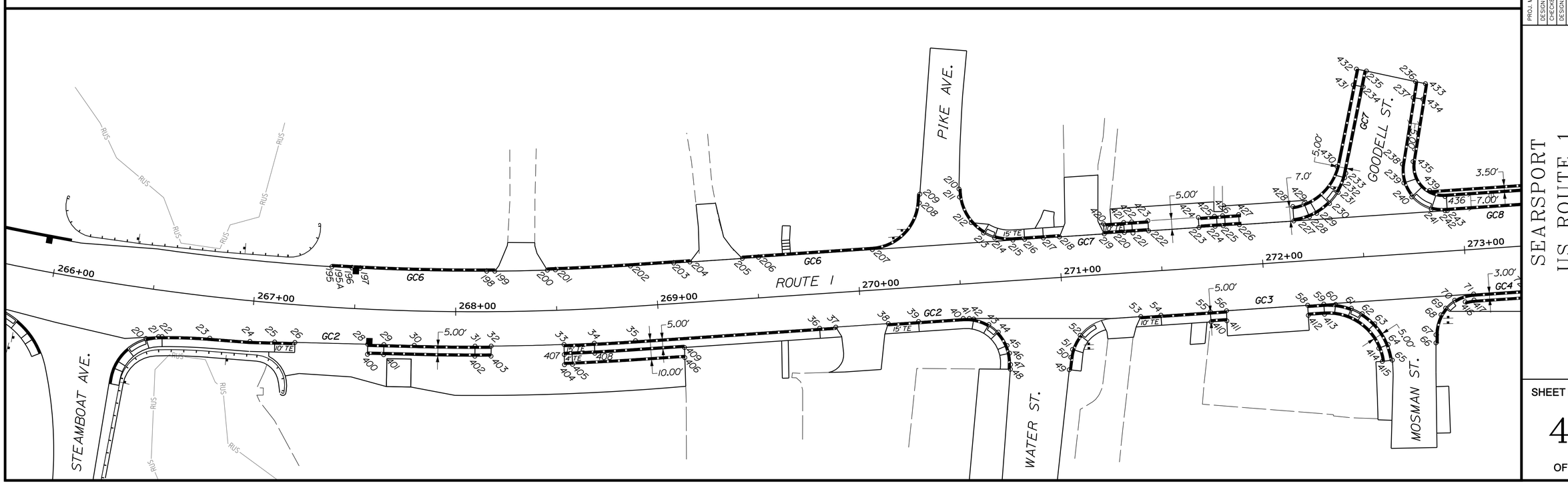
Tangent Direction: N 44°04'40.5" E
Tangent Length: 137.66

PI 2+01.63	349337.40590	1692326.24093
CC	349341.97211	1692288.90270
PT 2+17.79	349357.03256	1692314.84846

Radius: 30.00
Delta: 74°12'40.8" Left
Length: 38.86
Tangent: 22.69
External: 7.62

POE 2+69.29	349401.32477	1692288.55987

Tangent Direction: N 30°41'24.9" W
Tangent Length: 51.51'



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

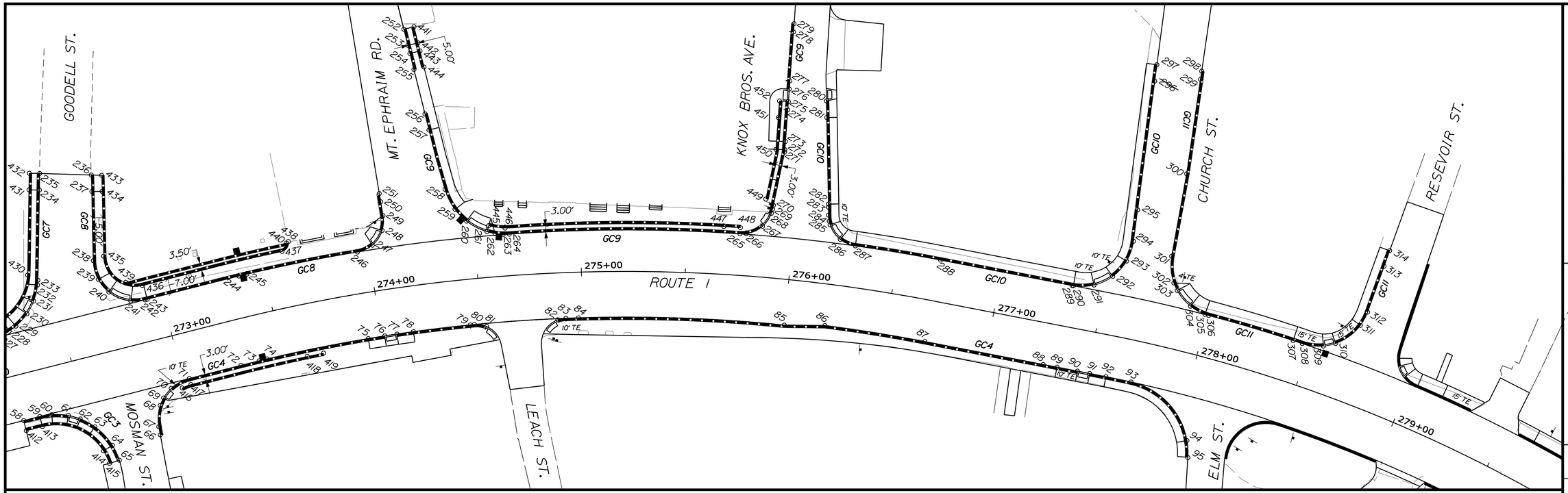
DATE

SEARSPORT
US ROUTE 1

CURB GEOMETRY PLAN

SHEET NUMBER
49
OF 292

Filename: ...\mst\049_Geometry_Plan_01.dgn Division: HIGHWAY Username: morin Date:4/25/2022



Horizontal Alignment Name: GC4

STATION	NORTHING	EASTING
POB 0+00.00	349324.57850	1692404.12110
PC 0+04.00	349327.54484	1692401.43766

Tangent Direction: N 42°08'00.2" W
Tangent Length: 4.00

PI 0+22.91	349341.43922	1692388.61019
CC	349341.11152	1692416.13273
PT 0+34.30	349355.02425	1692401.76485

Radius: 20.00
Delta: 86°47'29.5" Right
Length: 30.30
Tangent: 18.91
External: 7.52

PC 0+59.98	349373.47447	1692419.63058

Tangent Direction: N 44°04'40.5" E
Tangent Length: 25.68

PI 1+93.15	349469.14440	1692512.26973
CC	348849.66053	1692960.58155
PT 3+23.60	349527.23756	1692632.10268

Radius: 753.00
Delta: 20°03'31.3" Right
Length: 263.62
Tangent: 133.17
External: 11.69

PC 3+43.17	349537.31349	1692648.87912

Tangent Direction: N 59°00'39.5" E
Tangent Length: 19.60

PI 3+67.55	349547.38176	1692671.09092
CC	348849.66053	1692960.58155
PT 3+91.92	349555.99561	1692693.90618

Radius: 755.00
Delta: 3°42'00.4" Right
Length: 48.76
Tangent: 24.39
External: 0.39

PC 4+74.96	349585.32464	1692771.58911

Tangent Direction: N 69°18'57.9" E
Tangent Length: 83.035I

PI 4+84.04	349588.53357	1692780.08850
CC	348949.15530	1693011.77355
PCC 4+93.13	349591.51429	1692788.67059

Radius: 680.00
Delta: 1°31'51.2" Right
Length: 18.17
Tangent: 9.09
External: 0.06

PI 5+22.93	349601.29218	1692816.82314
CC	349558.45169	1692800.15383
PT 5+42.50	349575.05809	1692830.96336

Radius: 35.00
Delta: 80°49'41.9" Right
Length: 49.38
Tangent: 29.80
External: 10.97

Horizontal Alignment Name: GC5

STATION	NORTHING	EASTING
POB 0+00.00	351147.10823	1697764.60093
POE 0+72.00	351188.54443	1697823.48252

Tangent Direction: N 54°51'54.5" E
Tangent Length: 72.00

Horizontal Alignment Name: GC8

STATION	NORTHING	EASTING
POB 0+00.00	349413.80856	1692310.24214
PC 0+41.31	349379.08216	1692332.60990

Tangent Direction: S 32°47'10.1" E
Tangent Length: 41.31

PI 0+66.35	349358.12262	1692346.30959
CC	349390.02780	1692349.35594
PT 0+77.18	349376.11096	1692363.72807

Radius: 20.00
Delta: 102°45'08.7" Left
Length: 35.88
Tangent: 25.04
External: 12.04

PC 1+14.18	349402.69118	1692389.45801

Tangent Direction: N 44°04'07.6" E
Tangent Length: 36.99

PI 1+48.14	349427.09160	1692413.08543
CC	348849.66053	1692960.58155
PRC 1+82.07	349449.38788	1692438.70790

Radius: 795.00
Delta: 4°53'34.0" Right
Length: 67.89
Tangent: 33.97
External: 0.73

PI 1+96.94	349459.14984	1692449.92616
CC	349460.70349	1692428.86123
PT 2+05.50	349470.45202	1692440.26150

Radius: 15.00
Delta: 89°30'17.7" Left
Length: 23.43
Tangent: 14.87
External: 6.12

POE 2+16.71	349478.89152	1692432.88648

Tangent Direction: N 41°08'57.1" W
Tangent Length: 11.21

Horizontal Alignment Name: GC9

STATION	NORTHING	EASTING
POB 0+00.00	349552.49220	1692401.41800
PI 0+64.47	349507.40861	1692447.50091

Tangent Direction: S 45°37'40.9" E
Tangent Length: 64.47

PC 0+79.66	349497.21026	1692458.75711

Tangent Direction: S 47°49'22.1" E
Tangent Length: 15.19

PI 1+03.91	349480.92821	1692476.72808
CC	349519.44242	1692478.89989
PRC 1+20.45	349495.08671	1692496.41558

Radius: 30.00
Delta: 77°53'58.0" Left
Length: 40.79
Tangent: 24.25
External: 8.58

PI 1+76.12	349527.59202	1692541.61445
CC	348849.66053	1692960.58155
PRC 2+31.61	349553.48045	1692590.90260

Radius: 795.00
Delta: 8°00'42.2" Right
Length: 111.17
Tangent: 55.6734
External: 1.95

PI 2+44.66	349559.54890	1692602.45600
CC	349566.76003	1692583.92746
PT 2+53.09	349571.83078	1692598.04438

Radius: 15.0000
Delta: 82°02'50.3" Left
Length: 21.489
Tangent: 13.05
External: 4.88

PI 2+81.29	349598.37008	1692588.51156

Tangent Direction: N 19°45'29.2" W
Tangent Length: 28.20

PI 3+05.61	349619.95192	1692577.30316

Tangent Direction: N 27°26'41.4" W
Tangent Length: 24.32

POE 3+43.28	349653.37983	1692559.94258

Tangent Direction: N 27°26'41.4" W
Tangent Length: 37.67

Horizontal Alignment Name: GC10

STATION	NORTHING	EASTING
POB 0+00.00	349629.86054	1692592.73484
PI 0+51.23	349586.78709	1692620.46573

Tangent Direction: S 32°46'25.1" E
Tangent Length: 51.23

PC 0+55.04	349583.54609	1692622.47311

Tangent Direction: S 31°46'22.2" E
Tangent Length: 3.81

PI 0+68.06	349572.47776	1692629.32850
CC	349591.44438	1692635.22525
PRC 0+76.49	349577.70798	1692641.25113

Radius: 15.00
Delta: 81°54'47.8" Left
Length: 21.44
Tangent: 13.02
External: 4.86

PI 0+97.30	349586.06690	1692660.30880
CC	348849.66053	1692960.58155
PT 1+18.10	349593.41734	1692679.77768

Radius: 795.00
Delta: 2°59'56.1" Right
Length: 41.61
Tangent: 20.81
External: 0.27

PC 1+82.60	349616.20152	1692740.12548

Tangent Direction: N 69°18'57.9" E
Tangent Length: 64.5056

PI 2+09.25	349625.61279	1692765.05282
CC	349639.59010	1692731.29517
PT 2+23.46	349649.89077	1692754.07446

Radius: 25.00
Delta: 93°38'53.8" Left
Length: 40.86
Tangent: 26.6448
External: 11.54

PI 2+38.71	349663.81118	1692747.85860

Tangent Direction: N 24°03'43.7" W
Tangent Length: 15.25

POE 3+09.27	349728.21611	1692719.04304

Tangent Direction: N 24°06'15.6" W
Tangent Length: 70.56

Horizontal Alignment Name: GC11

STATION	NORTHING	EASTING
POB 0+00.00	349736.89357	1692739.03706
PI 0+50.00	349690.98214	1692758.83983

Tangent Direction: S 23°19'54.3" E
Tangent Length: 50.00

PC 0+90.39	349653.36771	1692773.55719

Tangent Direction: S 21°22'07.9" E
Tangent Length: 40.39

PI 1+13.09	349632.22260	1692781.81791
CC	349662.46484	1692796.84328
PRC 1+27.25	349638.41194	1692803.65931

Radius: 25.00
Delta: 84°28'57.0" Left
Length: 36.86
Tangent: 22.7014
External: 8.771

PI 1+50.80	349645.21671	1692826.19614
CC	348949.15530	1693011.77355
PRC 1+74.32	349650.53474	1692849.12934

Radius: 720.00
Delta: 3°44'43.8" Right
Length: 47.07
Tangent: 23.54
External: 0.38

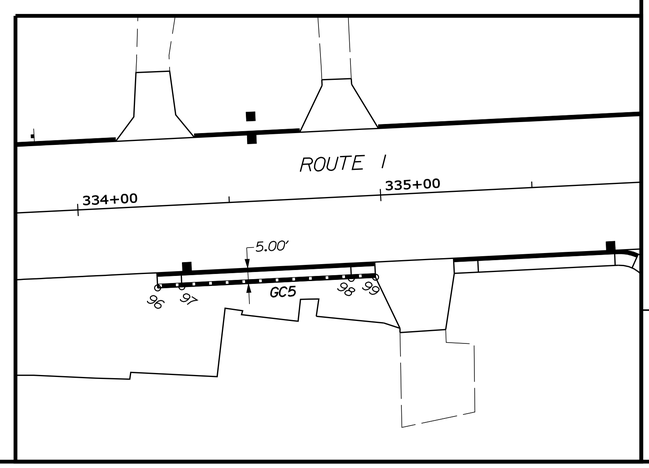
Horizontal Alignment Name: GC11 (continued)

STATION	NORTHING	EASTING
PI 1+98.72	349656.04658	1692872.89834
CC	349674.89794	1692843.47972
PT 2+12.99	349679.94440	1692867.97496

Radius: 25.00
Delta: 88°35'07.5" Left
Length: 38.6676
Tangent: 24.40
External: 9.93

POE 2+44.48	349710.76325	1692861.50255

Tangent Direction: N 11°51'38.1" W
Tangent Length: 31.49



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	NAME	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	MSM	4-22
DESIGN2-DETAILED2	ALG	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER
DATE

SEARSPORT
US ROUTE 1

CURB GEOMETRY PLAN

SHEET NUMBER
50
OF 292

Filename: ...\msto\050_Geometry_Plan_02.dgn Username: morin Division: HIGHWAY Date:4/25/2022

CONTROL POINTS FOR CURB 1				
Point	Station	Offset	NORTHING	EASTING
1	262+44.96	22.00	348728.02417	1691557.11914
2	262+52.96	22.00	348730.81393	1691564.61696
3	262+87.28	22.00	348742.78104	1691596.77996
4	262+97.31	22.00	348746.27981	1691606.18331
5	263+27.04	22.00	348756.64475	1691634.04031
8	263+35.04	22.00	348759.43452	1691641.53813
8	263+43.54	22.00	348762.39873	1691649.50443
11	263+61.92	34.13	348757.44373	1691670.96488
12	263+63.44	40.03	348752.43936	1691674.44600

CONTROL POINTS FOR CURB 2				
Point	Station	Offset	NORTHING	EASTING
20	266+49.73	24.62	348898.93102	1691928.84722
21	266+55.67	22.86	348903.79973	1691932.86776
22	266+57.32	22.60	348904.95839	1691934.11007
23	266+80.43	20.50	348920.19319	1691952.18888
24	267+00.00	20.00	348932.32228	1691967.99056
25	267+12.02	19.19	348940.30814	1691977.28522
26	267+21.84	18.62	348946.82498	1691984.87012
28	267+57.27	17.28	348970.28652	1692012.17680
29	267+65.15	17.13	348975.49999	1692018.24472
30	267+79.97	17.00	348985.29881	1692029.64948
31	268+09.58	17.00	349005.12626	1692052.23063
32	268+17.46	17.00	349010.50198	1692058.15528
33	268+52.97	17.00	349035.21193	1692084.37698
34	268+67.75	17.00	349045.73531	1692095.06601
35	268+87.85	17.00	349060.26146	1692109.38002
36	269+79.15	17.00	349125.85004	1692172.89080
37	269+87.15	17.00	349131.59720	1692178.45589
38	270+13.15	17.00	349150.27822	1692196.54510
39	270+28.15	17.00	349161.05414	1692206.97964
40	270+50.33	17.00	349176.98816	1692222.40889
41	270+53.32	17.20	349178.99142	1692224.63200
42	270+55.48	17.62	349180.25729	1692226.43513
43	270+62.73	20.87	349183.20828	1692233.81619
44	270+67.15	24.89	349183.58157	1692239.77531
45	270+71.05	31.80	349181.58029	1692247.45508
46	270+72.01	35.66	349179.57746	1692250.89760
47	270+72.14	41.33	349175.73090	1692255.05451

CONTROL POINTS FOR CURB 3				
Point	Station	Offset	NORTHING	EASTING
48	270+71.89	43.62	349173.96097	1692256.53047
49	271+00.92	45.84	349193.26449	1692278.31716
50	271+02.09	39.75	349198.34460	1692274.76047
51	271+03.21	35.92	349201.81840	1692272.78851
52	271+07.43	29.17	349209.53954	1692270.86969
53	271+38.00	22.00	349236.49091	1692286.98659
54	271+48.00	22.00	349243.67485	1692293.94295
55	271+72.49	22.00	349261.26718	1692310.97795
56	271+80.49	22.00	349267.01433	1692316.54304
58	272+20.72	22.00	349295.91552	1692344.52865
59	272+28.72	22.00	349301.66267	1692350.09374
60	272+34.54	22.53	349305.47607	1692354.53082
61	272+42.15	24.95	349309.25522	1692361.55829
62	272+47.33	27.97	349310.88013	1692367.32495
63	272+53.19	33.38	349311.32596	1692375.29166
64	272+59.13	44.04	349308.17535	1692387.08640
65	272+60.65	51.88	349303.81621	1692393.76961
66	272+82.76	44.87	349324.57850	1692404.12110
67	272+83.03	40.88	349327.54484	1692401.43766
68	272+86.19	31.15	349336.58414	1692396.65190
69	272+88.68	28.03	349340.54463	1692396.14077
70	272+93.41	24.45	349346.43275	1692396.85361
71	273+03.00	22.00	349355.02425	1692401.76485
72	273+28.68	22.00	349373.47447	1692419.63058
73	273+37.95	22.00	349379.90687	1692425.93417
74	273+42.07	22.00	349382.73946	1692428.75841
75	273+93.16	22.00	349416.61746	1692465.03252
76	274+01.39	22.00	349421.85016	1692471.08382
77	274+07.57	22.00	349425.73234	1692475.65860
78	274+15.80	22.00	349430.85164	1692481.80614
79	274+44.16	22.00	349447.97709	1692503.38761
80	274+46.22	22.00	349449.18930	1692504.97838
81	274+52.15	23.45	349451.50062	1692510.44775

CONTROL POINTS FOR CURB 4				
Point	Station	Offset	NORTHING	EASTING
82	274+87.64	22.56	349472.21104	1692537.96922
83	274+91.70	22.00	349474.87570	1692540.92761
84	274+97.87	22.00	349478.20277	1692545.92066
85	276+00.00	22.00	349527.23756	1692632.10268
86	276+20.01	20.00	349537.31349	1692648.87912
87	276+70.06	20.00	349555.99561	1692693.90618
89	277+34.92	20.00	349578.90391	1692754.58271
89	277+44.92	20.00	349582.43604	1692763.93814
90	277+44.92	20.00	349582.43604	1692763.93814
91	277+50.92	20.00	349584.55531	1692769.55140
92	277+59.09	20.00	349587.35767	1692777.04448
93	277+71.80	20.00	349591.51429	1692788.67059
94	278+06.21	40.94	349581.60720	1692826.39926
95	278+08.94	48.50	349575.05809	1692830.96336

CONTROL POINTS FOR CURB 5				
Point	Station	Offset	NORTHING	EASTING
96	334+25.00	27.00	351147.10823	1697764.60093
97	334+33.00	27.00	351151.71225	1697771.14333
98	334+89.00	27.00	351183.94041	1697816.94012
99	334+97.00	27.00	351188.54443	1697823.48252

CONTROL POINTS FOR CURB 6				
Point	Station	Offset	NORTHING	EASTING
195	267+37.46	-20.00	348986.85359	1691973.36281
196	267+47.64	-20.00	348993.10702	1691981.17314
197	267+51.71	-20.00	348995.62297	1691984.27589
198	268+15.44	-20.00	349036.47832	1692031.72968
199	268+19.51	-20.00	349039.17640	1692034.68280
200	268+45.97	-20.00	349056.96681	1692053.64323
201	~~268+50.04~~	-20.00	349059.74228	1692056.52364
202	268+87.85	-20.00	349085.99999	1692082.79943
203	269+09.32	-20.00	349101.42277	1692097.73363
204	269+17.32	-20.00	349107.16993	1692103.29871
205	269+43.32	-20.00	349125.84813	1692121.38520
206	269+51.32	-20.00	349131.59534	1692126.95034
207	270+07.77	-20.00	349172.14805	1692166.21836
208	270+32.51	-41.44	349204.83946	1692168.02955
209	270+33.07	-45.77	349208.25260	1692165.31157

CONTROL POINTS FOR CURB 7				
Point	Station	Offset	NORTHING	EASTING
210	270+52.53	-47.00	349223.09330	1692177.96178
211	270+52.53	-43.01	349220.31314	1692180.83173
212	270+57.46	-30.00	349214.79895	1692193.60465
213	270+63.19	-24.47	349215.07315	1692201.56584
214	270+68.48	-21.67	349216.92434	1692207.25799
215	270+77.45	-20.00	349222.21120	1692214.69554
216	270+83.25	-20.00	349226.37789	1692218.73023
217	270+92.52	-20.00	349233.03340	1692225.17490
218	271+00.52	-20.00	349238.78056	1692230.73999
219	271+22.69	-20.00	349254.71102	1692246.16578
220	271+32.69	-20.00	349261.89497	1692253.12214
221	271+36.69	-20.00	349264.76854	1692255.90469
222	271+44.69	-20.00	349270.51570	1692261.46978
223	271+69.69	-20.00	349288.47556	1692278.86068
224	271+77.69	-20.00	349294.22271	1692284.42577
225	271+81.69	-20.00	349297.09629	1692287.20831
226	271+89.69	-20.00	349302.84345	1692292.77340
227	272+16.69	-20.04	349322.26916	1692311.52556
228	272+24.53	-21.52	349328.92709	1692315.91802
229	272+28.23	-23.02	349332.63425	1692317.41242
230	272+34.88	-27.44	349340.47711	1692318.86542
231	272+39.56	-32.62	349347.44639	1692318.39901
232	272+43.27	-39.65	349355.00401	1692315.92435
233	272+43.98	-41.84	349357.03253	1692314.84841
234	272+55.42	-83.81	349394.45024	1692292.65144
235	272+57.51	-91.53	349401.32477	1692288.55987

CONTROL POINTS FOR CURB 8				
Point	Station	Offset	NORTHING	EASTING
236	272+81.42	-84.68	349413.73309	1692310.11107
237	272+79.72	-76.86	349407.07258	1692314.55647
238	272+72.18	-44.42	349379.08734	1692332.61358
239	272+72.29	-35.11	349372.69019	1692339.37382
240	272+75.72	-27.94	349370.17262	1692346.91350
241	272+84.91	-21.18	349372.07071	1692358.16179
242	272+91.68	-20.00	349376.11290	1692363.72171
243	272+92.78	-20.00	349376.90096	1692364.48481
244	273+38.04	-20.00	349409.55027	1692396.18056
245	273+41.94	-20.00	349412.38292	1692399.00475
246	273+94.86	-20.00	349449.38788	1692438.70790
247	274+02.28	-22.12	349455.96747	1692443.09394
248	274+07.81	-28.42	349464.46334	1692443.38237
249	274+09.20	-35.50	349470.81920	1692439.94174
250	274+09.07	-42.22	349475.87973	1692435.51881
251	274+09.00	-46.21	349478.89152	1692432.88648

CONTROL POINTS FOR CURB 9				
Point	Station	Offset	NORTHING	EASTING
252	274+29.00	-123.13	349552.49220	1692401.41800
253	274+29.87	-115.19	349546.89769	1692407.13652
254	274+30.30	-111.22	349544.10043	1692409.99578
255	274+31.19	-103.29	349538.50592	1692415.71429
256	274+33.71	-81.47	349523.12102	1692431.44022
257	274+34.66	-73.54	349517.52651	1692437.15874
258	274+38.89	-44.24	349497.21026	1692458.75711
259	274+42.47	-34.18	349491.54324	1692467.87101
260	274+47.26	-27.96	349489.62305	1692475.61275
261	274+56.29	-22.03	349490.45490	1692486.62801
262	274+60.00	-20.82	349491.73955	1692490.41298
263	274+63.84	-20.14	349493.51597	1692493.99357
264	274+66.65	-20.00	349495.08671	1692496.41558
265	275+75.01	-20.00	349553.48045	1692590.90260
266	275+77.89	-20.30	349555.10953	1692593.37552
267	275+85.31	-24.48	349562.31707	1692598.25436
268	275+88.88	-30.99	349569.80097	1692598.61598
269	275+89.26	-33.06	349571.83078	1692598.04438
270	275+89.48	-34.95	349573.61882	1692597.40213
271	275+92.40	-61.06	349598.37008	1692588.51156
272	275+92.38	-62.19	349599.37101	1692587.99173
273	275+92.32	-66.13	349602.87050	1692586.17429
274	275+92.08	-81.38	349616.40210	1692579.14674
275	275+92.01	-85.38	349619.95192	1692577.30316
276	275+91.92	-91.39	349625.28649	1692574.53269
277	275+91.86	-95.38	349628.82647	1692572.69422
278	275+91.51	-119.04	349649.83001	1692561.78616
279	275+91.45	-123.04	349653.37983	1692559.94258

CONTROL POINTS FOR CURB 10				
Point	Station	Offset	NORTHING	EASTING
280	276+08.39	-87.57	349629.86054	1692592.73484
281	276+09.34	-79.64	349623.13399	1692597.06542
282	276+14.61	-38.28	349588.03797	1692619.66041
283	276+14.80	-36.81	349586.78709	1692620.46573
284	276+15.25	-33.03	349583.54609	1692622.47311
285	276+16.50	-28.52	349579.99337	1692625.53637
286	276+22.08	-22.12	349576.55223	1692633.42973
287	276+29.49	-20.00	349577.70798	1692641.25113
288	276+70.06	-20.00	349593.41734	1692679.77768
289	277+34.56	-20.00	349616.20152	1692740.12548
290	277+35.24	-20.01	349616.44754	1692740.75147
291	277+44.92	-22.24	349621.95685	1692749.01714
292	277+52.94	-28.05	349630.21954	1692754.47258
293	277+57.84	-36.56	349639.98495	1692756.29205
294	277+59.11	-46.62	349649.89087	1692754.07469
295	277+58.17	-61.83	349663.81118	1692747.85860
296	277+54.61	-124.26	349720.91369	1692722.31023
297	277+54.20	-132.24	349728.21611	1692719.04304

CONTROL POINTS FOR CURB 11				
Point	Station	Offset	NORTHING	EASTING
298	277+72.48	-133.62	349736.89357	1692739.03706
299	277+72.73	-129.63	349733.22124	1692740.62260
300	277+75.79	-83.76	349690.98926	1692758.85631
301	277+77.46	-43.41	349653.36596	1692773.55787
302	277+79.62	-34.14	349645.30354	1692778.67071
303	277+83.54	-27.95	349640.71835	1692784.51079
304	277+91.25	-22.14	349637.64007	1692793.88847
305	277+98.72	-20.09	349637.97080	1692801.84751
306	278+00.53	-20.00	349638.42143	1692803.65727
307	278+41.82	-20.00	349649.49072	1692844.64941
308	278+46.29	-20.00	349650.54416	1692849.12716
309	278+56.04	-22.18	349654.87669	1692858.45135
310	278+60.97	-25.32	349659.00934	1692862.78134
311	278+68.84	-37.60	349672.68303	1692868.38141
312	278+69.78	-44.80	349679.93728	1692867.96655
313	278+69.52	-68.29	349702.93353	1692863.14436
314	278+69.43	-76.29	349710.76325	1692861.50255

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALC	ALC	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CURB GEOMETRY DATA

SHEET NUMBER
51
OF 292

VERTICAL CURB TYPE 1

ALIGNMENT	POINT TO POINT	LENGTH	REMARKS
GC1	2 TO 3	34.32	
	6 TO 8	8.50	
GC2	22 TO 25	55.82	
	29 TO 31	45.09	
	34 TO 36	111.69	
	39 TO 40	22.18	
	401 TO 402	45.12	BACK OF SIDEWALK
	405 TO 406	55.63	
	408 TO 409	44.43	BACK OF SIDEWALK
GC3	49 TO 50	6.20	
	54 TO 55	24.49	
GC4	71 TO 72	25.68	
	72 TO 73	9.06	
	74 TO 75	49.64	
	78 TO 79	27.55	
	84 TO 85	99.13	
	85 TO 86	19.57	
	86 TO 89	113.62	
	92 TO 93	12.35	
	417 TO 418	57.67	3' OFFSET CURB
GC5	97 TO 98	56.00	
GC6	195A TO 196	6.00	
	197 TO 198	62.63	
	201 TO 203	63.28	
	206 TO 207	60.45	
GC7	216 TO 217	9.26	
	220 TO 221	4.00	
	224 TO 225	4.00	
	233 TO 234	43.52	
	421 TO 422	4.00	BACK OF SIDEWALK
	425 TO 426	4.00	BACK OF SIDEWALK
	430 TO 431	41.07	BACK OF SIDEWALK
GC8	237 TO 238	33.25	
	243 TO 244	45.26	
	245 TO 246	54.29	
	249 TO 250	6.72	
	434 TO 435	31.24	BACK OF SIDEWALK
	436 TO 437	69.19	BACK OF SIDEWALK
	439 TO 440	79.58	3.5' OFFSET CURB
	442 TO 443	4.00	BACK OF SIDEWALK
GC9	253 TO 254	4.00	
	257 TO 258	29.66	
	264 TO 265	111.17	
	270 TO 271	26.30	
	271 TO 274	20.32	
	277 TO 278	23.67	
	446 TO 447	105.41	3' OFFSET CURB
	449 TO 450	24.67	3' OFFSET CURB
	450 TO 451	15.32	3' OFFSET CURB
GC10	281 TO 282	41.74	
	287 TO 290	106.79	
	294 TO 297	85.95	
GC11	299 TO 301	86.39	
	305 TO 307	44.33	
	312 TO 314	31.48	

VERTICAL CURB TYPE 1 – CIRCULAR

ALIGNMENT	POINT TO POINT	RADIUS	LENGTH	REMARKS
GC1	8 TO 11	20'	23.32	
GC2	40 TO 42	22'	5.20	
	45 TO 46	22'	4.00	
GC3	50 TO 51	22'	4.00	
	59 TO 60	32'	5.86	
	63 TO 64	32'	12.28	
	413 TO 414	27'	33.87	BACK OF SIDEWALK
GC4	67 TO 68	20'	10.34	
	93 TO 94	35'	41.38	
GC6	207 TO 208	25'	35.70	
GC7	211 TO 212	25'	14.10	
	228 TO 229	30'	4.00	
	232 TO 233	30'	2.28	
	429 TO 430	27'	25.44	BACK OF SIDEWALK
GC8	238 TO 239	20'	9.40	
	435 TO 436	15'	26.90	BACK OF SIDEWALK
GC9	258 TO 259	30'	10.79	
	263 TO 264	30'	2.89	
	265 TO 266	15'	3.80	
GC10	293 TO 294	25'	10.22	
GC11	301 TO 302	25'	13.06	
	311 TO 312	25'	7.31	

TERMINAL CURB TYPE 1 – CIRCULAR

ALIGNMENT	POINT TO POINT	RADIUS	LENGTH	REMARKS
GC1	11 TO 12	20'	6.11	BACK OF SIDEWALK
GC2	20 TO 22	25'	8.00	
	42 TO 43	22'	8.00	
	44 TO 45	22'	8.00	
	46 TO 48	22'	8.00	
GC3	51 TO 52	22'	8.00	
	60 TO 61	32'	8.00	
	62 TO 63	32'	8.00	
	64 TO 65	32'	8.00	
	414 TO 415	27'	6.75	BACK OF SIDEWALK
GC4	68 TO 69	20'	4.00	
	70 TO 71	20'	10.00	
	79 TO 81	16'	8.00	
	94 TO 95	35'	8.00	
	210 TO 211	25'	4.00	
	212 TO 213	25'	8.00	
	416 TO 417	17'	4.50	3' OFFSET CURB
GC7	214 TO 215	25'	9.20	9.20' CIRC. + 5.80' STR.
	227 TO 228	30'	8.00	
	229 TO 230	30'	8.00	
	231 TO 232	30'	8.00	
	428 TO 429	27'	5.77	BACK OF SIDEWALK
GC8	239 TO 240	20'	8.00	
	241 TO 243	20'	8.00	
	246 TO 247	15'	8.00	
	248 TO 249	15'	8.00	
	437 TO 438	4'	6.32	BACK OF SIDEWALK
GC9	259 TO 260	30'	8.00	
	261 TO 262	30'	4.00	
	266 TO 267	15'	8.00	
	445 TO 446	27'	8.00	3' OFFSET CURB
GC10	284 TO 285	15'	4.70	4.70' CIRC. + 5.30' STR.
	286 TO 287	15'	8.00	
	290 TO 291	25'	10.00	
	292 TO 293	25'	10.00	
GC11	302 TO 303	25'	4.00	
	304 TO 305	25'	8.00	
	308 TO 309	25'	10.50	10.50' CIRC. + 4.50' STR.
	310 TO 311	25'	15.00	

TERMINAL CURB TYPE 1

ALIGNMENT	POINT TO POINT	LENGTH	REMARKS
GC1	1 TO 2	8.00	BACK OF SIDEWALK
	3 TO 4	10.00	BACK OF SIDEWALK
	5 TO 6	8.00	BACK OF SIDEWALK
GC2	25 TO 26	10.00	
	28 TO 29	8.00	
	31 TO 32	8.00	
	33 TO 34	15.00	
	36 TO 37	8.00	
	38 TO 39	15.00	
	400 TO 401	8.00	BACK OF SIDEWALK
	402 TO 403	8.00	BACK OF SIDEWALK
	404 TO 405	4.00	
	407 TO 408	15.00	BACK OF SIDEWALK
GC3	53 TO 54	10.00	
	55 TO 56	8.00	
	58 TO 59	8.00	
	410 TO 411	8.00	BACK OF SIDEWALK
	412 TO 413	8.00	BACK OF SIDEWALK
GC4	66 TO 67	4.00	
	75 TO 76	8.00	
	77 TO 78	8.00	
	82 TO 84	10.00	
	89 TO 90	10.00	
	91 TO 92	8.00	
	418 TO 419	8.00	3' OFFSET CURB
GC5	96 TO 97	8.00	BACK OF SIDEWALK
	98 TO 99	8.00	BACK OF SIDEWALK
GC6	195 TO 195A	4.00	
	198 TO 199	4.00	
	200 TO 201	4.00	
	203 TO 204	8.00	
	205 TO 206	8.00	
	208 TO 209	4.00	
GC7	215 TO 216	5.80	9.20' CIRC. + 5.80' STR.
	217 TO 218	8.00	
	219 TO 220	10.00	
	221 TO 222	8.00	
	223 TO 224	8.00	
	225 TO 226	8.00	
	234 TO 235	8.00	
	420 TO 421	10.00	BACK OF SIDEWALK
	422 TO 423	8.00	BACK OF SIDEWALK
	424 TO 425	8.00	BACK OF SIDEWALK
	426 TO 427	8.00	BACK OF SIDEWALK
	431 TO 432	8.00	BACK OF SIDEWALK
GC8	236 TO 237	8.00	
	250 TO 251	4.00	
	433 TO 434	8.00	BACK OF SIDEWALK
GC9	252 TO 253	8.00	
	254 TO 255	8.00	
	256 TO 257	8.00	
	268 TO 269	4.00	
	274 TO 275	4.00	
	276 TO 277	4.00	
	278 TO 279	4.00	
	280 TO 281	8.00	
	441 TO 442	8.00	BACK OF SIDEWALK
	443 TO 444	8.00	BACK OF SIDEWALK
	447 TO 448	8.00	3' OFFSET CURB
	451 TO 452	8.00	3' OFFSET CURB
GC10	283 TO 284	5.30	4.70' CIRC. + 5.30' STR.
GC11	298 TO 299	4.00	
	307 TO 308	4.50	10.50' CIRC. + 4.50' STR.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
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DESIGN2-DETAILED2		
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REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
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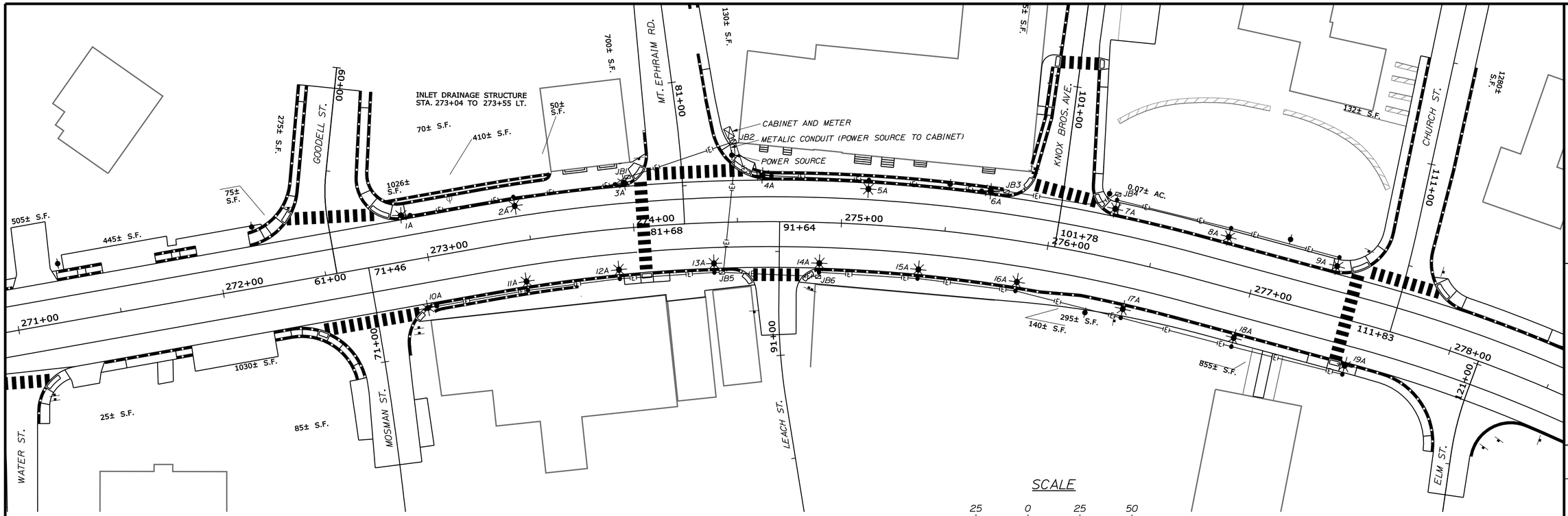
SEARSPORT
US ROUTE 1

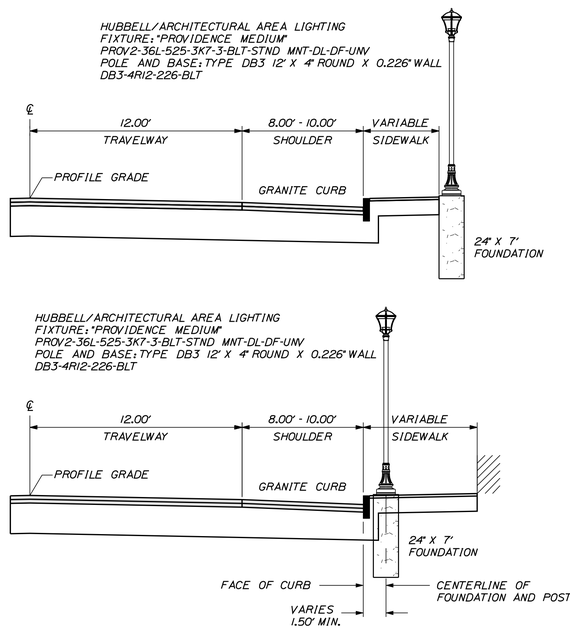
CURB GEOMETRY DATA

SHEET NUMBER
52
OF 292

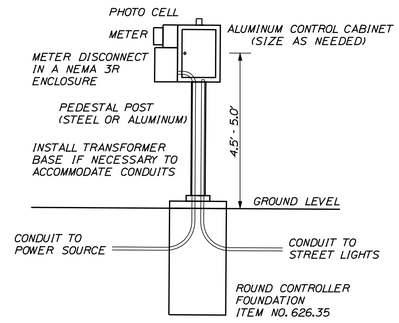
Filename: ...\MSTA\052_Geometry_Plan_03.dgn Division: HIGHWAY Username: morin Date:5/9/2022



ORNAMENTAL LIGHT POLE LOCATIONS (OFFSETS TO CENTER OF FOUNDATIONS)			
LEFT SIDE		RIGHT SIDE	
STATION	OFFSET	STATION	OFFSET
272+95.00	21.50'	273+00.00	24.00'
273+45.00	21.50'	273+45.00	23.75'
273+93.00	21.50'	273+91.00	24.00'
274+66.00	21.50'	274+38.00	24.00'
275+12.00	21.50'	274+90.00	23.75'
275+65.00	21.50'	275+39.00	24.00'
276+28.00	28.00'	275+88.00	24.00'
276+83.00	28.00'	276+42.00	27.00'
277+37.00	28.00'	276+98.00	27.00'
– – –	– – –	277+53.00	26.00'



TYPICAL INSTALLATION OF LIGHT POLES
(NOT TO SCALE)



CONTROL CABINET AND SERVICE

LEGEND FOR LIGHTING

- LIGHTING CONDUIT
- JB — PRECAST CONCRETE JUNCTION BOX
- LIGHT FIXTURE AND POLE (← ORIENTATION OF OPTICS)
- CONTROL CABINET AND SERVICE

STATE OF MAINE
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NH-1728(100)E

PIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
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DESIGN2-DETAILED2			
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REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

LIGHTING PLAN

SHEET NUMBER
53
OF 292

Filename: ...\mslo\053_Lighting Plan.dgn Division: HIGHWAY Username: morin Date:4/25/2022

CIRCUIT 1				WIRE SIZE
				240 VOLTS, #8 AWG STRANDED COPPER XHHW-2
STATION	POLE	BREAKAWAY	DISTANCE (FT.)	REMARKS: 9 FIXTURES / 4.50 AMPS
LIGHTING CABINET 274+47.50, 43.0' LT.	---	---	5	
JB2, 274+48.75, 39.0' LT.	---	---	53	
JB1, 274+00.00, 24.0' LT.	---	---	8	
273+93.00, 21.5' LT.	3	YES	50	
273+45.00, 21.5' LT.	2	YES	50	
272+95.00, 21.5' LT.	1	YES		
277+37.00, 28.0' LT.	9	---	54	
276+83.00, 28.0' LT.	8	---	57	
276+28.00, 28.0' LT.	7	---	3	
JB4, 276+28.00, 30.5' LT.	---	---	55	
JB3, 275+76.75, 23.0' LT.	---	---	12	
275+65.00, 21.5' LT.	6	YES	55	
275+12.00, 21.5' LT.	5	YES	47	
274+66.00, 21.5' LT.	4	YES	27	
JB2, 274+48.75, 39.0' LT.	---	---		

CIRCUIT 2				WIRE SIZE
				240 VOLTS, #8 AWG STRANDED COPPER XHHW-2
STATION	POLE	BREAKAWAY	DISTANCE (FT.)	REMARKS: 10 FIXTURES / 5.00 AMPS
LIGHTING CABINET 274+47.50, 43.0' LT.	---	---	5	
JB2, 274+48.75, 39.0' LT.	---	---	64	
JB5, 274+42.00, 24.5' RT.	---	---	4	
274+38.00, 24.0' RT.	13	---	46	
273+91.00, 24.0' RT.	12	---	45	
273+45.00, 23.75' RT.	11	---	45	
273+00.00, 24.0' RT.	10	---		
277+53.00, 26.0' RT.	19	---	55	
276+98.00, 27.0' RT.	18	---	55	
276+42.00, 27.0' RT.	17	---	53	
275+88.00, 24.0' RT.	16	---	48	
275+39.00, 24.0' RT.	15	---	48	
274+90.00, 23.75' RT.	14	---	3	
JB6, 274+90.00, 26.25' RT.	---	---	47	
JB5, 274+42.00, 24.5' RT.	---	---		

POWER FEED ORNAMENTAL LIGHTING				WIRE SIZE
				240 VOLTS, #8 AWG STRANDED COPPER XHHW-2 (MINIMUM)
STATION	POLE	BREAKAWAY	DISTANCE (FT.)	REMARKS
POWER SOURCE 274+48, 31.0' LT.	---	---	25	METALLIC CONDUIT. LENGTH INCLUDES POLE RISER.
LIGHTING CABINET 274+47.50, 43.0' LT.	---	---		

CONDUIT LISTED IN TABLES FOR CIRCUIT 1 AND CIRCUIT 2 IS INTENDED TO BE SCHEDULE 80 NON-METALLIC CONDUIT.

STATISTICS					
DESCRIPTION	AVG	MAX	MIN	MAX/MIN	AVG/MIN
GOODELL TO CHURCH	1.0fc	2.7fc	0.3fc	9.0:1	3.3:1

LUMINAIRE SCHEDULE										
SYMBOL	LABEL	QUANTITY	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	NUMBER LAMPS	FILENAME	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
✶	A	19	ARCHITECTURAL AREA LIGHTING	PROV2-36L-525-3K7-3-DL	PROVIDENCE MEDIUM 2.0 WITH DIFFUSSED LENS	1	PROV2-36L-525-3K7-3-DL.ies	3670	0.62	60.2

CONSTRUCTION NOTES - ORNAMENTAL LIGHTING

1. SCOPE OF WORK - INSTALL ORNAMENTAL LIGHTING AS SHOWN ON THESE PLANS. FURNISH AND INSTALL NEW 240V POWER SERVICE, PEDESTAL-MOUNTED LIGHTING CONTROL CABINET, SERVICE DISCONNECT ENCLOSURE, WIRING, L.E.D. POST-TOP LUMINAIRES, ORNAMENTAL LIGHT POLES, FOUNDATIONS, CONDUIT, PRECAST CONCRETE JUNCTION BOXES AND RELATED HARDWARE.

2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO APPLICABLE PROVISIONS OF THE CURRENT EDITIONS OF THE MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD DETAILS, NATIONAL ELECTRICAL CODE (N.E.C.) AND ANY REQUIREMENTS OF THE POWER COMPANY.

3. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO ENSURE AWARENESS OF SITE CONDITIONS THAT COULD AFFECT THE BID.

4. THE CONTRACTOR SHALL FIELD VERIFY POLE LOCATIONS TO AVOID NATURAL AND BUILT SITE FEATURES THAT WOULD CONFLICT WITH PROPER INSTALLATION OF POLE FOUNDATIONS.

5. INSTALL NEW 240V SERVICE AND MULTI CIRCUIT CONTROL CABINET AS SHOWN ON THESE PLANS AND IN THE STANDARD DETAILS. THE METER AND A METER DISCONNECT IN A SEPARATE NEMA 3R ENCLOSURE SHALL BE INSTALLED ON THE SIDE OF THE LIGHTING CONTROL CABINET. THE CABINET AND DISCONNECT ENCLOSURE SHALL BE LOCKABLE. THE SERVICE CABINET, DISCONNECT ENCLOSURE AND OTHER ENCLOSURES FOR ELECTRICAL COMPONENTS SHALL BE MARKED WITH ARC FLASH HAZARD LABELS INDICATING HAZARD TYPE 1, 2, 3 OR 4 AND THE APPROPRIATE PPE REQUIRED.

6. LIGHTING CIRCUITS ARE TO BE ACTIVATED BY PHOTOCELL ON THE CONTROL CABINET.

7. NEW LIGHTING FIXTURE VOLTAGE SHALL BE 240 VOLTS.

8. LIGHTING FIXTURES SHALL BE IES FULL CUTOFF. LIGHT EMITTING DIODE (LED) FIXTURES. IES DISTRIBUTION TYPE 3. LED MODULES SHALL BE IP66 RATED. LED COLOR TEMPERATURE FOR FIXTURES INSTALLED SHALL BE 3000K.

9. ALL FIXTURES SHALL BE GASKETED AND HAVE SURGE PROTECTION AND A DOUBLE FUSE KIT.

10. ALL ORNAMENTAL POLES AND FIXTURES SHALL BE POWDER-COATED BLACK MATTE TEXTURED.

11. LUMINAIRES SHALL BE HUBBELL/ARCHITECTURAL AREA LIGHTING FIXTURE 'PROVIDENCE MEDIUM', CATALOG NUMBER: PROV2-36L-525-3K7-3-BLT-STND MNT-DL-DF-UNV (19 LUMINAIRES ON 19 POLES).

12. ORNAMENTAL LIGHTING POLES SHALL BE DESIGNED TO MEET REQUIREMENTS OF THE 2015 EDITION (AS AMENDED) OF THE AASHTO "LRFD SPECIFICATIONS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" FOR A 300-YEAR MRI WIND SPEED OF 110 MPH.

13. ORNAMENTAL POLES AND ORNAMENTAL BASES SHALL BE HUBBELL/ARCHITECTURAL AREA LIGHTING TYPE DB3, 12' HIGH X 4" ROUND POLE WITH 0.226" POLE WALL THICKNESS, CATALOG NUMBER: DB3-4R12-226-BLT, UNLESS A LARGER DIAMETER OR GREATER WALL THICKNESS ARE NECESSARY TO MEET THE AASHTO LRFD SPECIFICATIONS FOR THE REQUIRED DESIGN WIND SPEED.

14. ORNAMENTAL LIGHTING POLES SHALL HAVE A MINIMUM OF THREE ANCHOR BOLTS. TIGHTENING OF ANCHOR BOLT NUTS ON POLES WITH BREAKAWAY BASES SHALL BE AS RECOMMENDED BY THE BREAKAWAY BASE MANUFACTURER. FOR POLES WITHOUT BREAKAWAY BASES, SNUG-TIGHT CONDITION OF ANCHOR BOLTS SHALL BE DEFINED AS BETWEEN 20 AND 30 PERCENT OF THE VERIFICATION TORQUE VALUE DETERMINED BY THE FORMULA IN FHWA PUBLICATION NHI 05-036. ADDITIONAL TIGHTENING BEYOND SNUG-TIGHT CONDITION SHALL BE DONE IN ACCORDANCE WITH SECTION 634.05 OF THE MAINEDOT STANDARD SPECIFICATIONS.

15. POWER SERVICE CONDUIT FROM THE POWER SOURCE TO THE METER SHALL BE RIGID METAL CONDUIT. OTHER NEW BURIED CONDUIT SHALL BE 2 INCH MINIMUM DIAMETER. REQUIREMENT OF LARGER CONDUIT SIZE SHALL BE DETERMINED BY THE CONTRACTOR IN ACCORDANCE WITH CONDUIT FILL REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE. ALL PVC CONDUIT IN THE HIGHWAY RIGHT OF WAY SHALL BE SCHEDULE 80 UNLESS CONCRETE-ENCASED. IF SCHEDULE 40 PVC CONDUIT ENCASED IN CONCRETE IS USED, CONCRETE ENCASEMENT WILL BE INCIDENTAL TO PAYMENT FOR CONDUIT.

16. NO NEW CONDUIT IS INTENDED TO BE INSTALLED UNDER EXISTING PAVEMENT THAT OTHERWISE IS NOT SHOWN ON THE PLANS TO BE DISTURBED BY ROADWAY RECONSTRUCTION. IF FIELD CONDITIONS REQUIRE, AND THE PROJECT RESIDENT APPROVES, CONDUIT INSTALLED UNDER EXISTING PAVEMENT THAT IS INTENDED TO REMAIN SHALL BE HYDRAULICALLY JACKED OR DIRECTIONAL BORED TO AT LEAST TEN FEET BEYOND THE EDGE OF PAVEMENT. CONDUIT INSTALLED BY THESE METHODS UNDER EXISTING PAVEMENT WILL BE PAID UNDER ITEM 626.22. NO ADDITIONAL PAYMENT WILL BE MADE FOR JACKING OR BORING. NO TRENCHING ACROSS EXISTING PAVED ROADWAY LANES OR SHOULDERS WILL BE ALLOWED. MINIMUM BURIAL DEPTH FOR ALL CONDUIT SHALL BE 36 INCHES.

17. BUSHINGS SHALL BE INSTALLED ON ALL CONDUIT TERMINATIONS.

18. PULL WIRE SHALL BE INSTALLED IN ALL NEW CONDUIT.

19. ALL EXPOSED RIGID CONDUIT FITTINGS AND HARDWARE SHALL BE GALVANIZED, EXCEPT NON-CONDUCTIVE BUSHINGS FOR CONNECTION OF RIGID METAL CONDUIT TO ALUMINUM CABINET.

20. SECONDARY CIRCUIT WIRING SHALL BE STRANDED COPPER XHHW-2. ALL WIRING SHALL BE NO. 8 AWG OR LARGER WIRE SIZE. WIRE SIZES NOTED ON THE PLANS ARE APPROXIMATE. FINAL WIRE SIZING SHALL BE PERFORMED BY THE CONTRACTOR IN CONFORMANCE WITH N.E.C. REQUIREMENTS BASED ON ELECTRICAL LOADS OF ACTUAL ELECTRICAL COMPONENTS TO BE INSTALLED.

21. THE WIRE IN CONDUITS SHALL BE CONTINUOUS WITH NO SPLICES BETWEEN POLES. JUNCTION BOXES SHOWN ON THE PLANS ARE SHOWN IN APPROXIMATE LOCATIONS AND ARE INTENDED FOR USE ONLY AS PULL BOXES FOR WIRE PULLING ACCESS UNLESS OTHERWISE NOTED. ACTUAL NUMBER AND LOCATIONS MAY VARY AND SHALL BE SUBJECT TO APPROVAL OF THE RESIDENT PRIOR TO INSTALLATION.

22. CAP AND/OR SEAL EXPOSED ENDS OF CONDUIT TO PREVENT INTRUSION OF MOISTURE AND RODENTS.

23. BREAKAWAY DEVICES SHALL CONFORM TO THE LATEST VERSION OF "AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" AND NCHRP REPORT 350. THE BREAKAWAY DEVICE SHALL BE DESIGNED SO THAT THE ANCHOR BOLTS WILL NOT BEND WHEN A VEHICLE HITS THE POLE. A FRANGIBLE COUPLING SUCH AS TRANSPO POLE-SAFE 5000 SERIES (WITH A FEMALE ANCHOR), THE MANITOBA SAFETY BASE WITH REACTION PLATE, OR APPROVED EQUAL SHALL BE USED.

24. ALL LIGHT POLES SHALL BE BONDED TO THE GROUNDING CONDUCTOR.

25. METAL FRAMES AND CONDUCTIVE COVERS OF JUNCTION BOXES SHALL BE BONDED TO THE GROUNDING CONDUCTOR. PAYMENT WILL BE INCIDENTAL TO ITEM 626.11.

26. ALL FOUNDATIONS FOR ORNAMENTAL LIGHT POLES SHALL HAVE A GROUND ROD LOCATED IN OR ADJACENT TO THE FOUNDATION THAT IS BONDED TO THE GROUNDING CONDUCTOR. THE GROUND WIRE FOR THE GROUND ROD SHALL EXIT THROUGH A HALF-INCH DIAMETER CONDUIT IN THE FOUNDATION. PAYMENT FOR GROUND RODS AND GROUND WIRE CONDUIT IN FOUNDATIONS SHALL BE INCLUDED IN ITEM 634.160, HIGHWAY LIGHTING.

27. PAYMENT UNDER ITEM 626.21 AND ITEM 626.22 WILL INCLUDE BUSHINGS, FITTINGS, PULL WIRE, AND OTHER NECESSARY HARDWARE RELATED TO THE CONDUIT.

28. FOUNDATIONS FOR ORNAMENTAL LIGHTING SHALL BE 24 INCH DIAMETER, 7 FEET LONG, AND WILL BE PAID UNDER ITEM 626.421.

29. PAYMENT UNDER ITEM 634.160, HIGHWAY LIGHTING, WILL INCLUDE POWER SERVICE, PEDESTAL-MOUNTED LIGHTING CONTROL CABINET, SERVICE DISCONNECT ENCLOSURE, WIRING, AND ALL OTHER MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PROVIDE A FULLY FUNCTIONING ORNAMENTAL LIGHTING SYSTEM EXCEPT THOSE ITEMS TO BE PAID UNDER OTHER RELATED BID ITEMS IN THE CONTRACT.

30. PAYMENT UNDER ITEM 634.70, ORNAMENTAL LIGHTING, WILL INCLUDE BUT NOT BE LIMITED TO ORNAMENTAL LIGHTING POLES, ORNAMENTAL BASES, BREAKAWAY DEVICES, POST-TOP LED LUMINAIRES AND FIXTURE HOUSINGS, AND INCIDENTAL ATTACHMENTS.

31. CURING BOXES AND ALL REQUIRED CONCRETE TESTING LABOR, MATERIALS, AND EQUIPMENT FOR LIGHTING FOUNDATIONS WILL BE CONSIDERED INCIDENTAL TO PAYMENT UNDER SECTION 626 FOUNDATION ITEMS.

32. STATIONING SHOWN FOR LIGHTING RELATED ITEMS IS APPROXIMATE AND MAY BE ADJUSTED BY THE RESIDENT IN THE FIELD IN CONSULTATION WITH THE ENGINEER.

33. UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL FURNISH TO MAINEDOT AND THE TOWN OF SEARSPORT TWO SETS OF AS-BUILT LIGHTING PLANS FOR FUTURE REFERENCE AND SYSTEM MAINTENANCE.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

PIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2		ALED2	
DESIGN3-DETAILED3		ALED3	
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

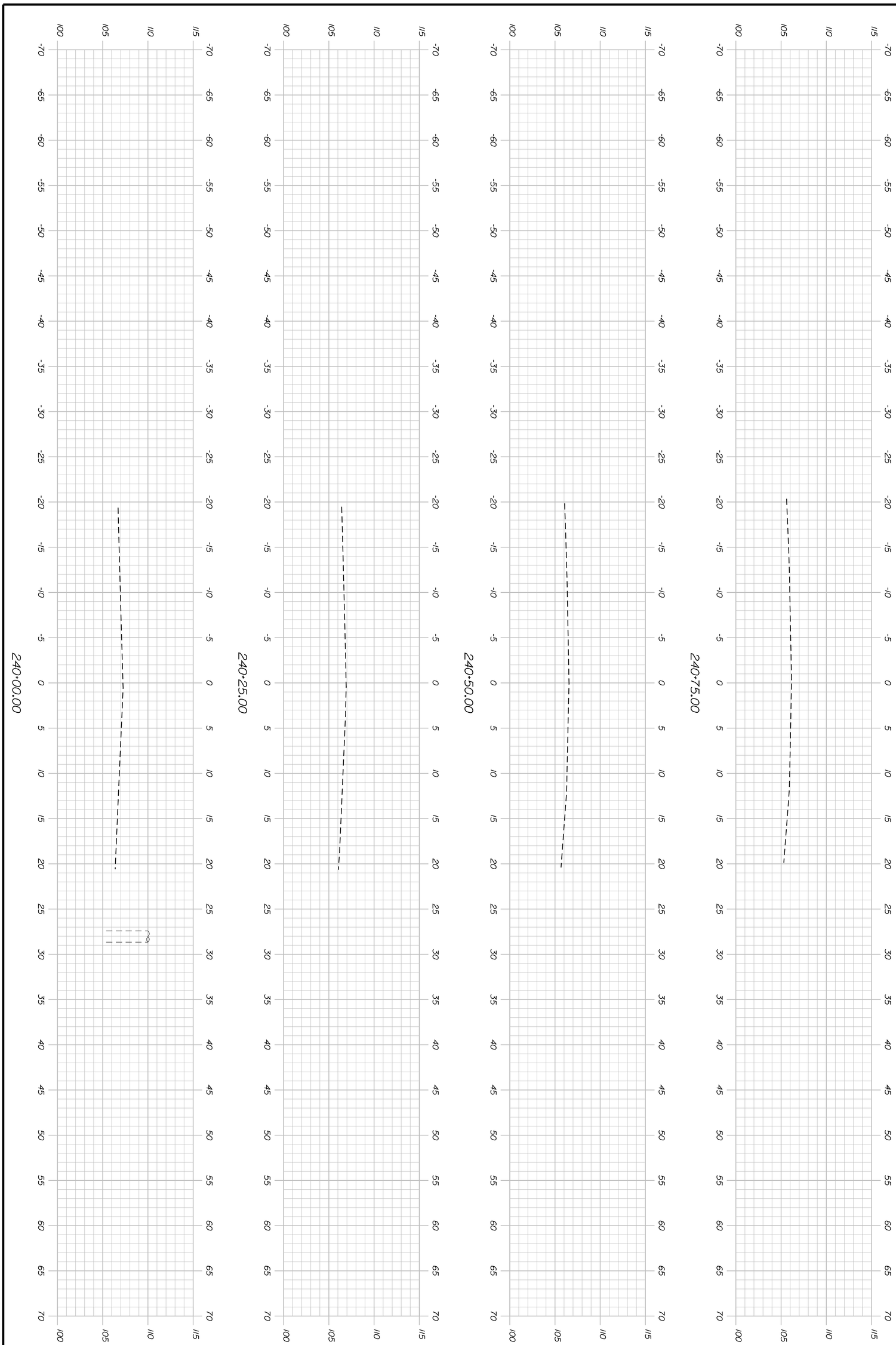
DATE

SEARSPORT
US ROUTE 1

LIGHTING PLAN

SHEET NUMBER
54
OF 292

Filename: ...\msto\054_Lighting Plan.dgn Division: HIGHWAY Username: morin Date:4/25/2022



Sta. 240+00.00 to Sta. 240+75.00

SHEET NUMBER 55 OF 292

SEARSPORT
US ROUTE 1

CROSS SECTIONS

	PROJ. MANAGER ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE 4226

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

56

OF 292

Sta. 241+00.00 to Sta. 241+35.00

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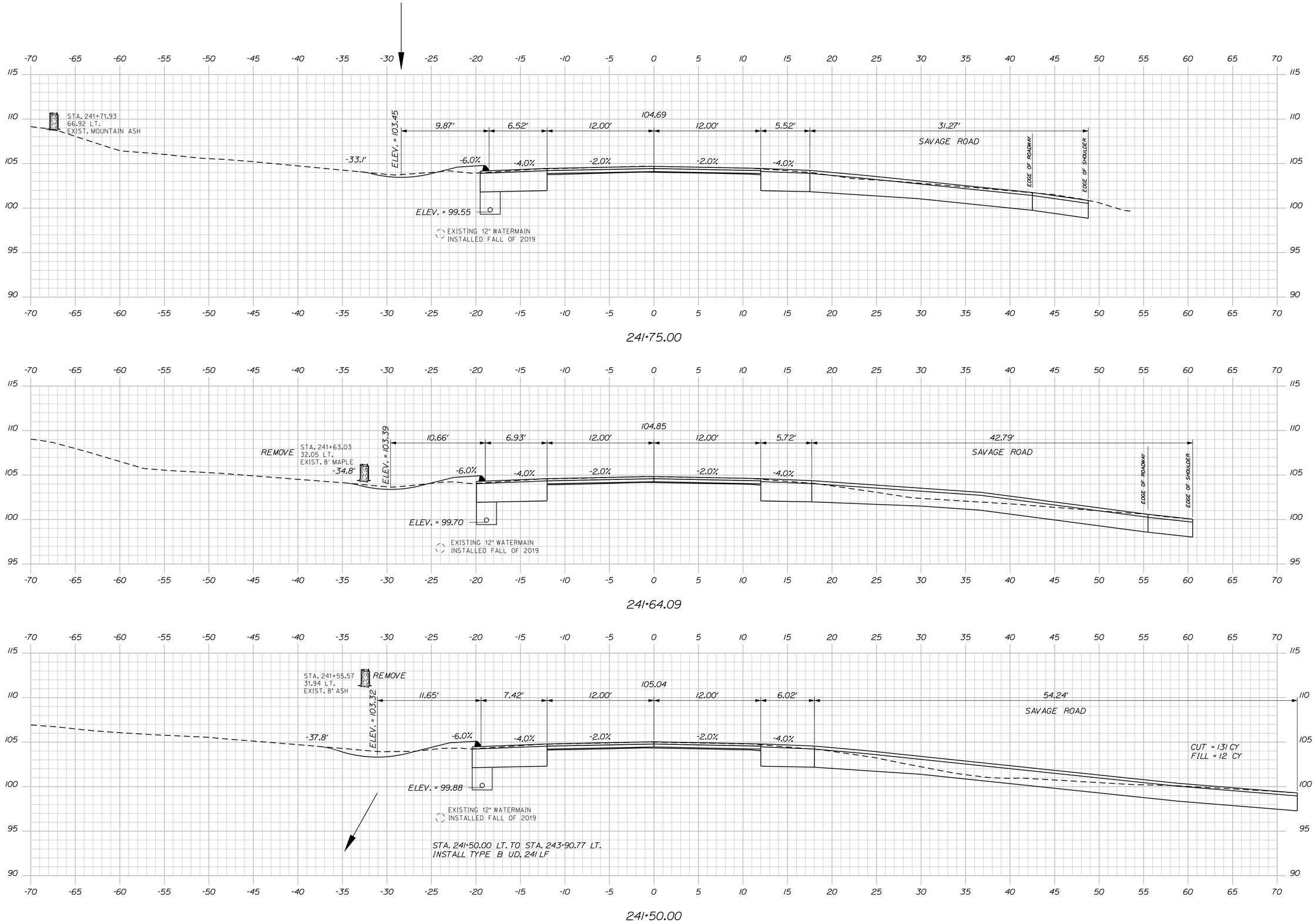

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

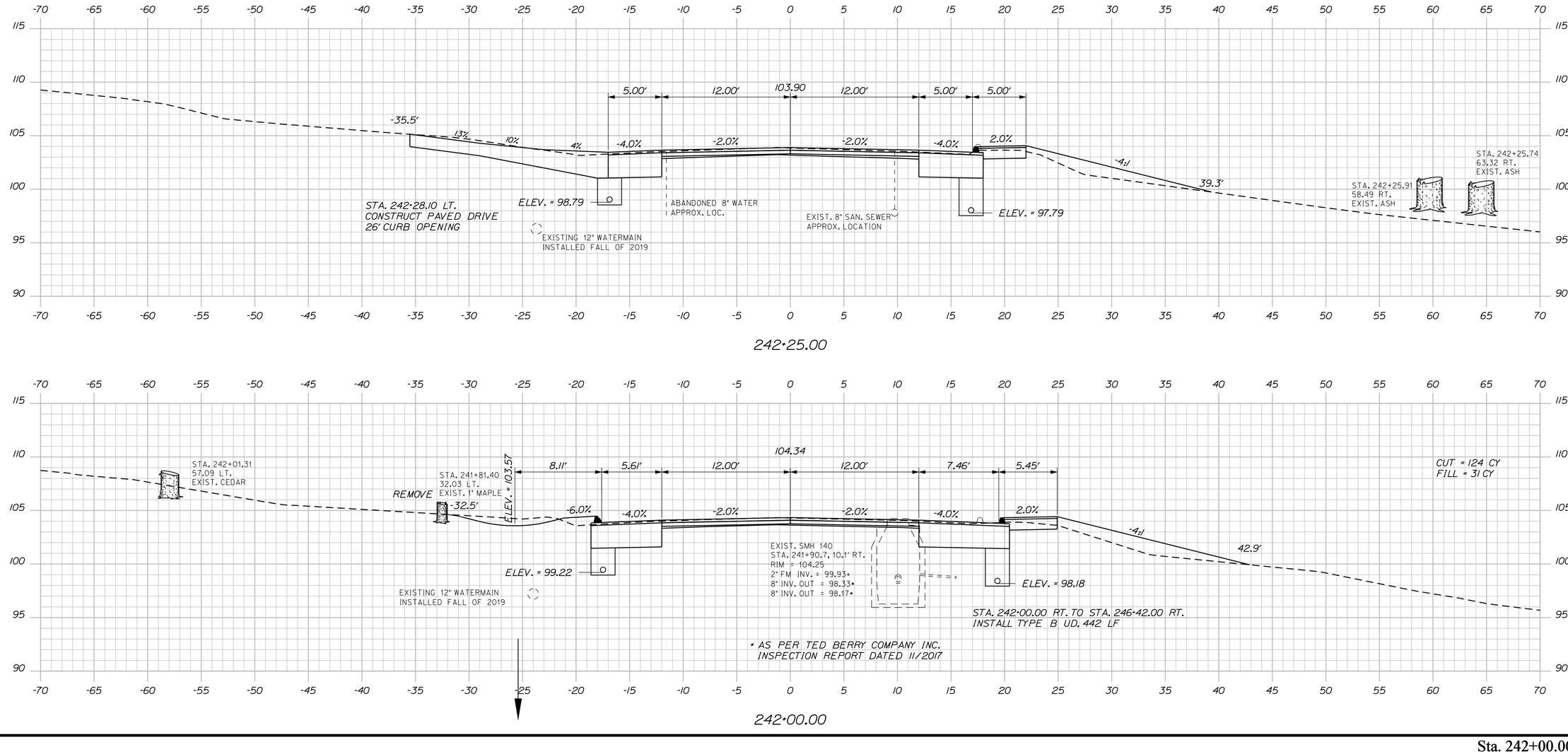
SIGNATURE
4226
P.E. NUMBER
DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
57
OF 292

Sta. 241+50.00 to Sta. 241+75.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
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SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

58

OF 292

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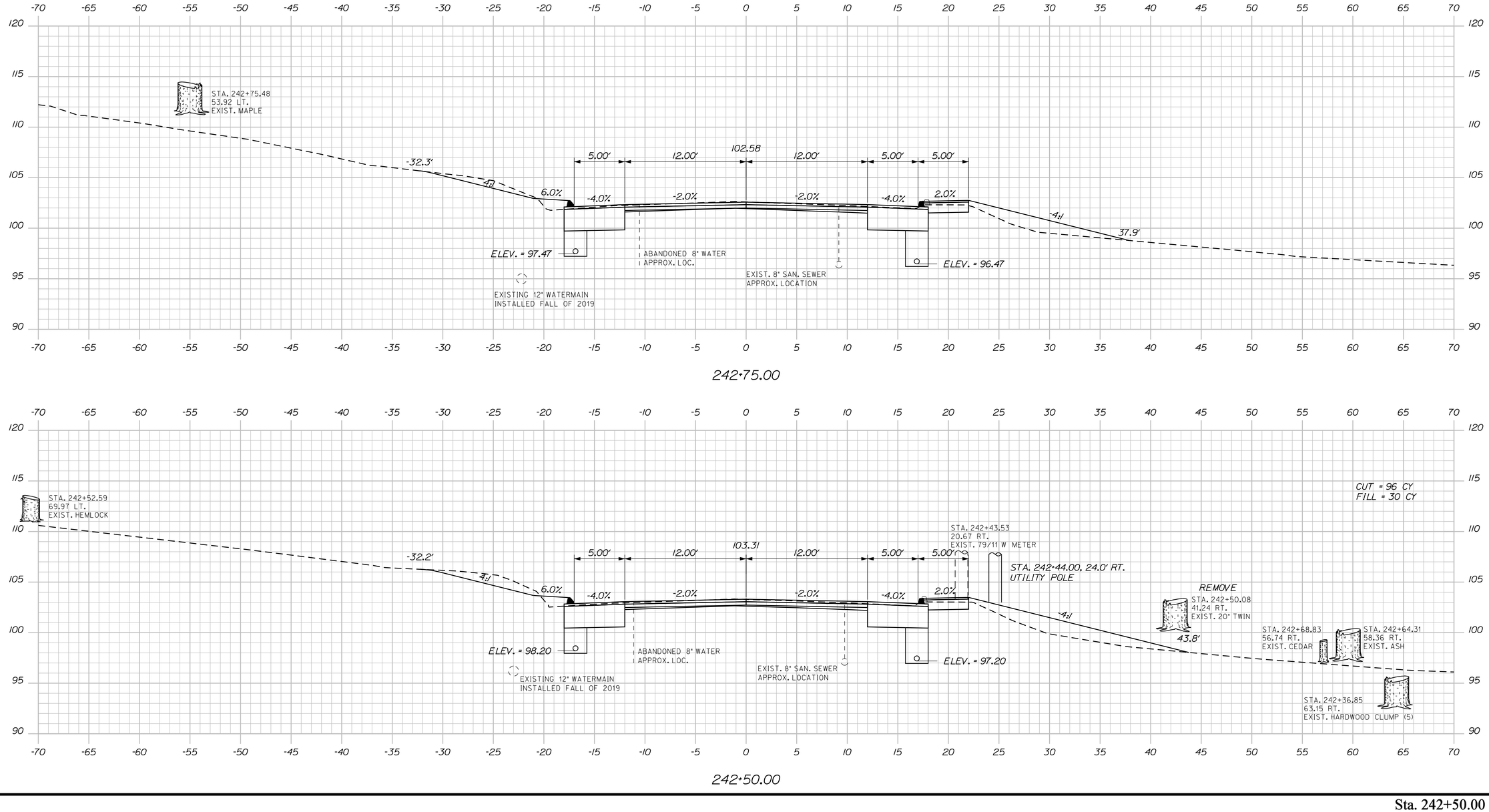
Sta. 242+00.00 to Sta. 242+25.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
59
OF 292

Sta. 242+50.00 to Sta. 242+75.00

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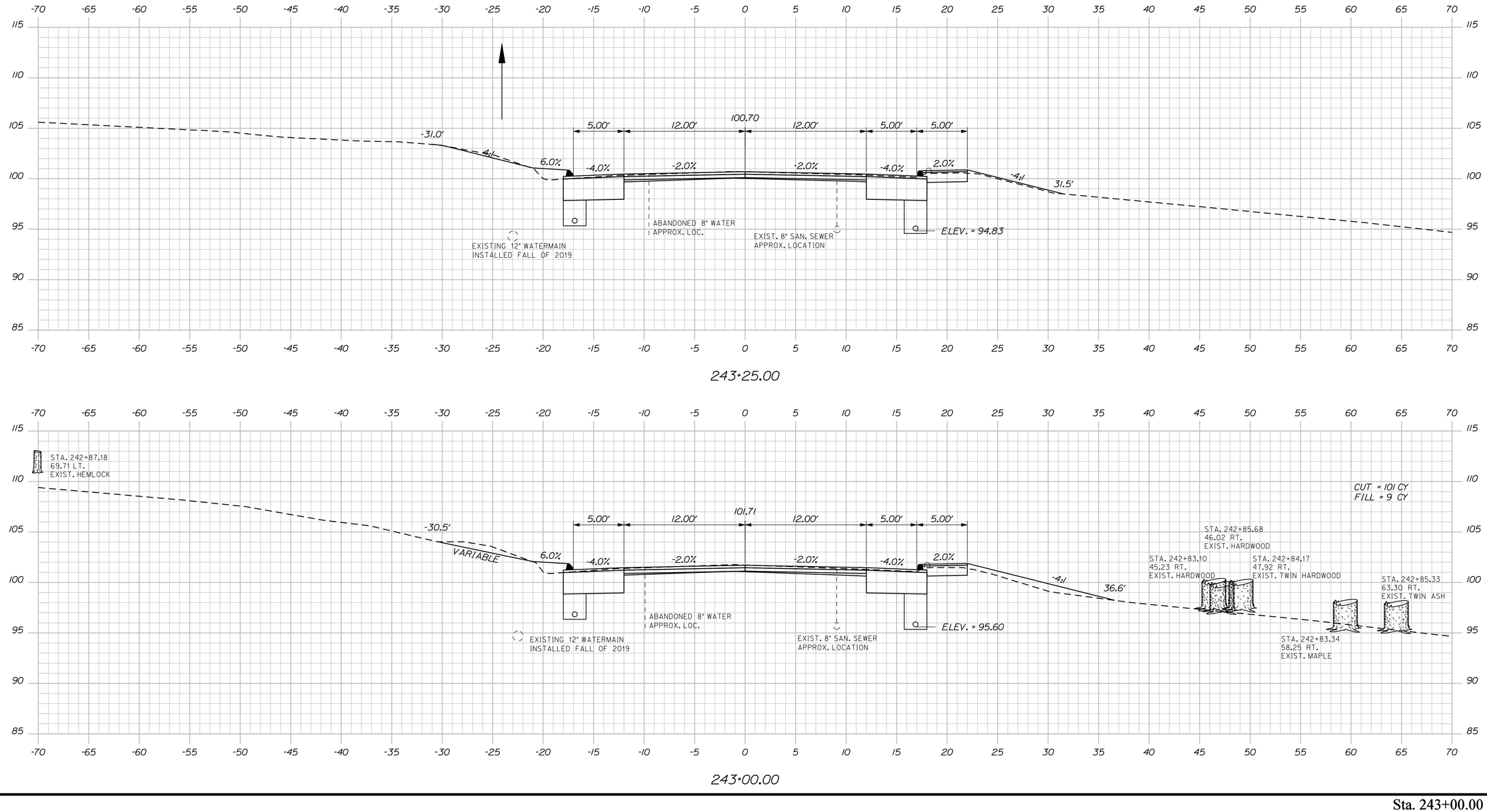

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
60
OF 292

Sta. 243+00.00 to Sta. 243+25.00

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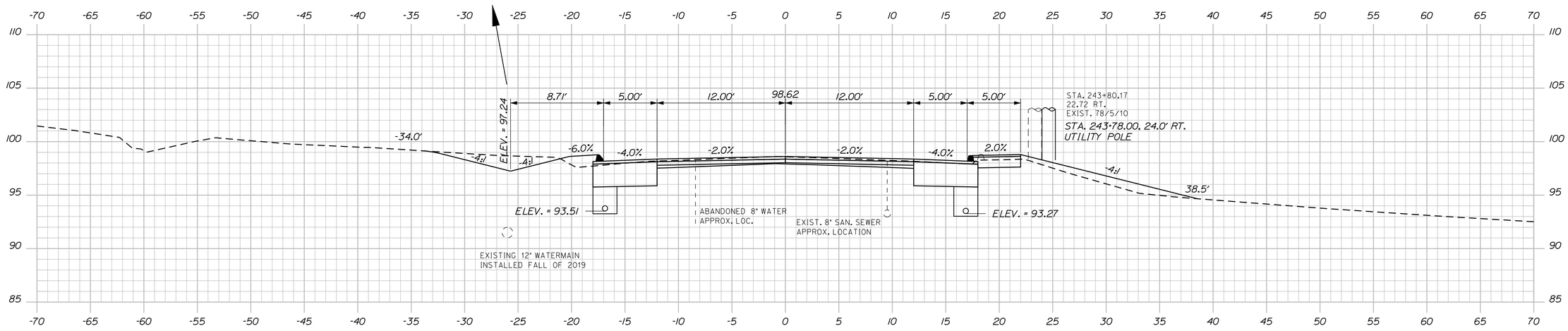
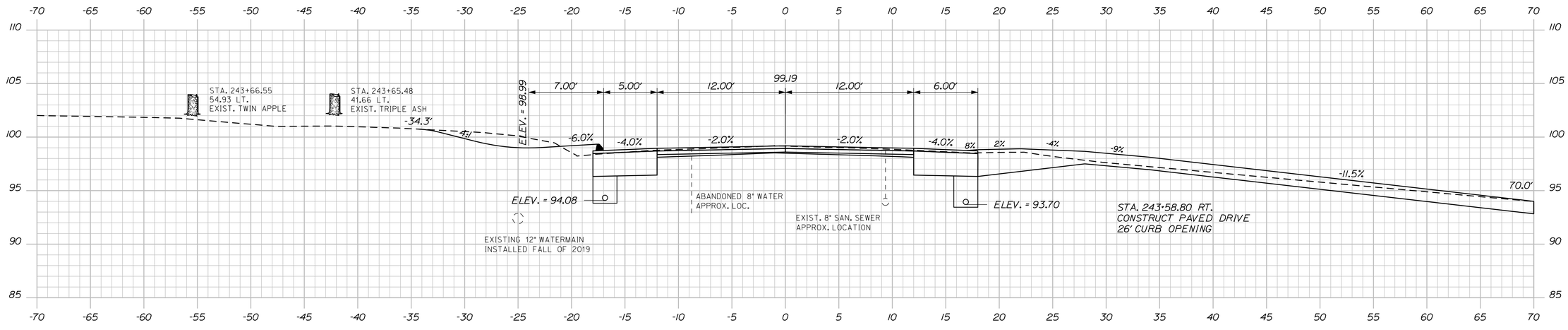
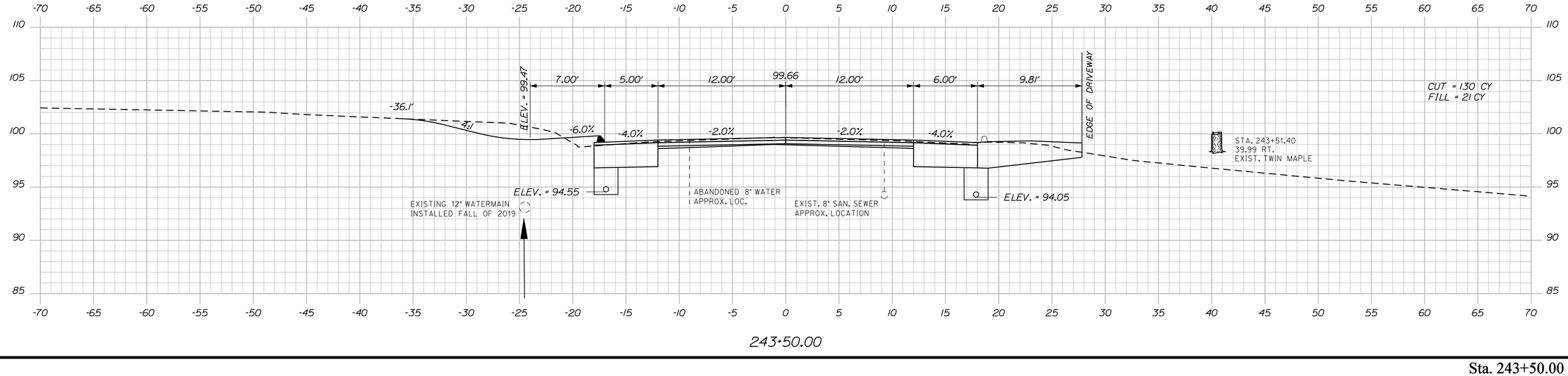


243+75.00



243+61.22



243+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

61

OF 292

Filename: ...\mstoV061_XSECT_243+50_007.dgn Division: HIGHWAY Username: morin Date:4/25/2022

Sta. 243+50.00 to Sta. 243+75.00

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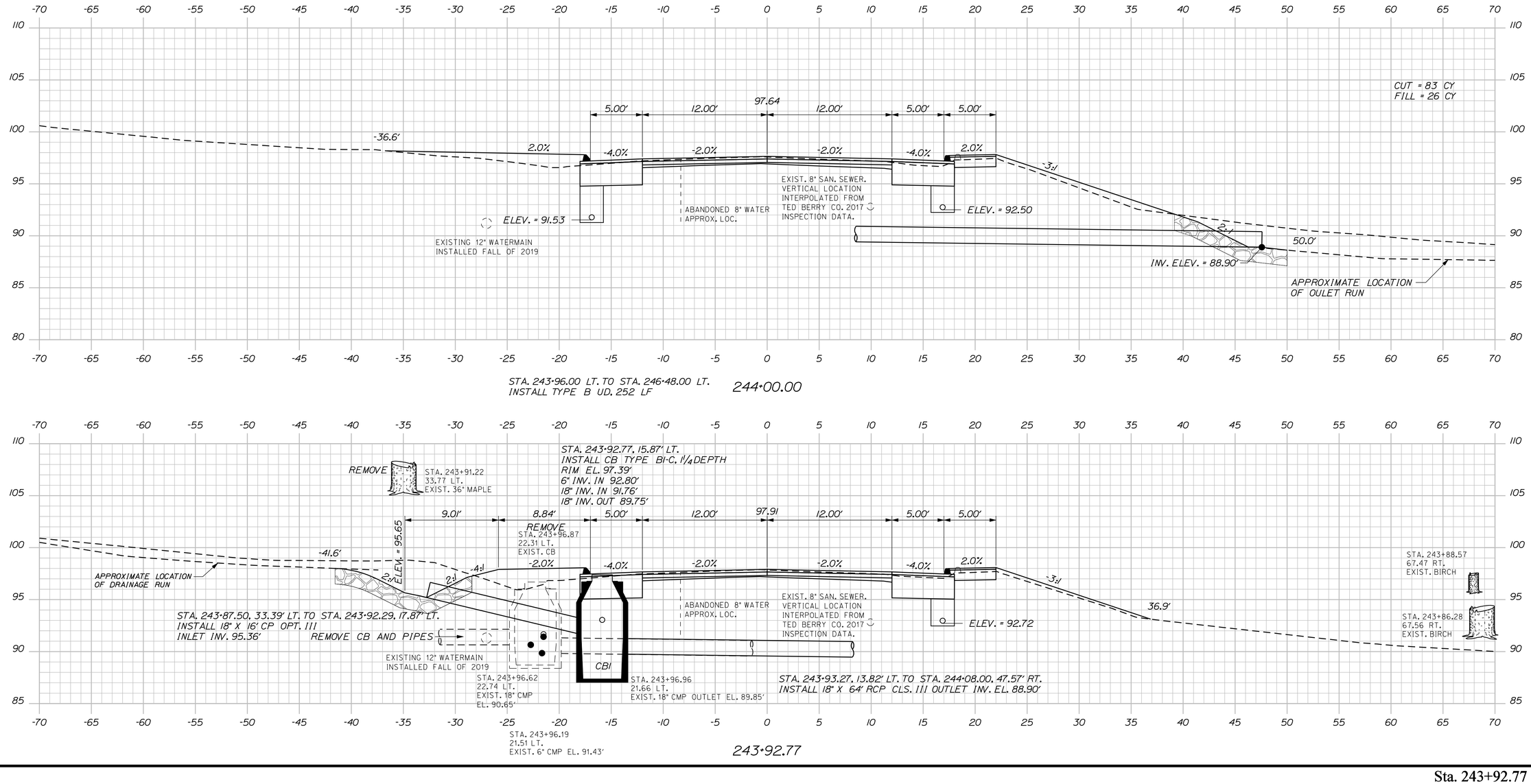

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
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REVISIONS 1		
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REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

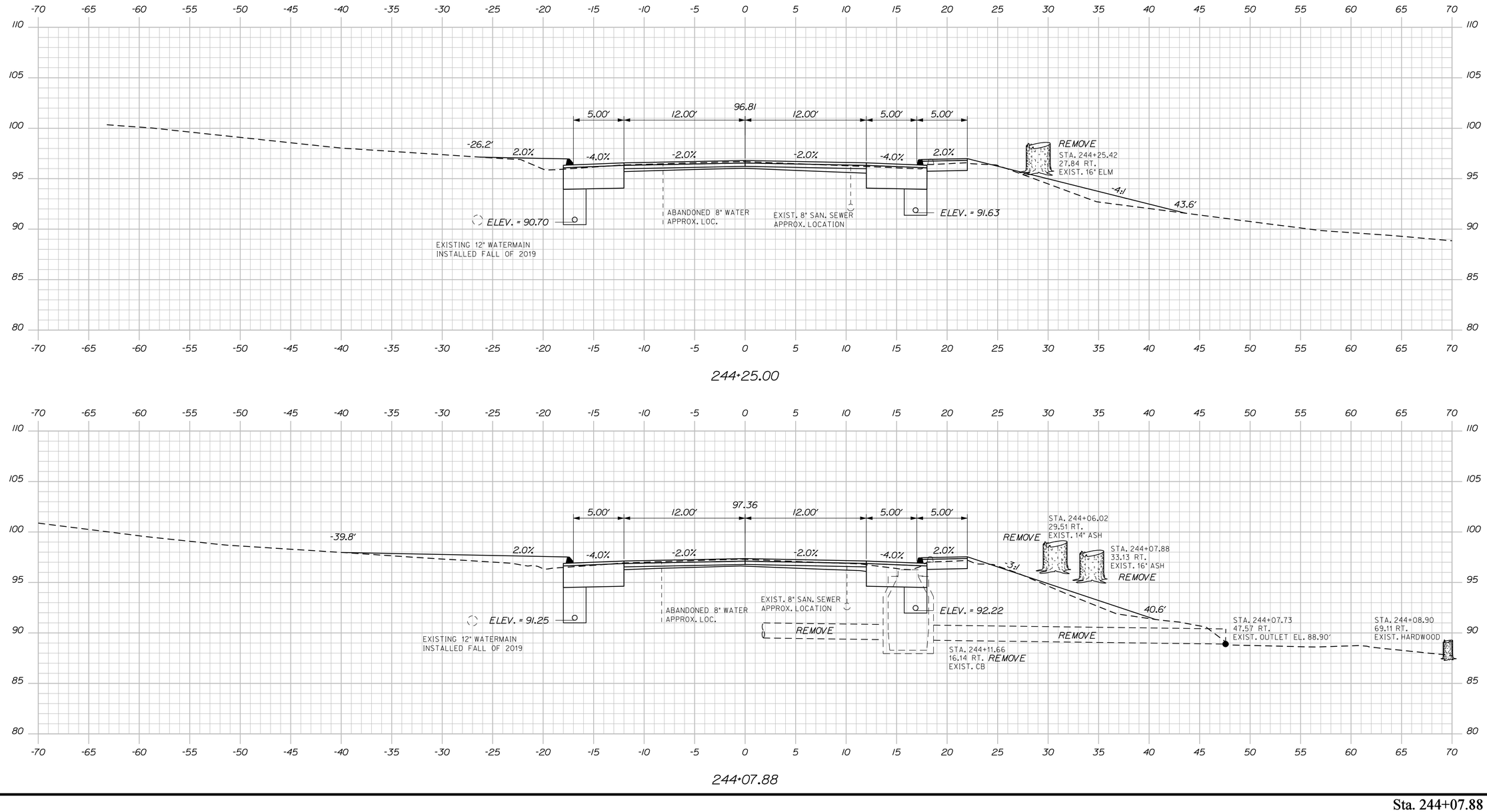
DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
62
OF 292

Sta. 243+92.77 to Sta. 244+00.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
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DESIGN3-DETAILED3		
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REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
63
OF 292

Sta. 244+07.88 to Sta. 244+25.00

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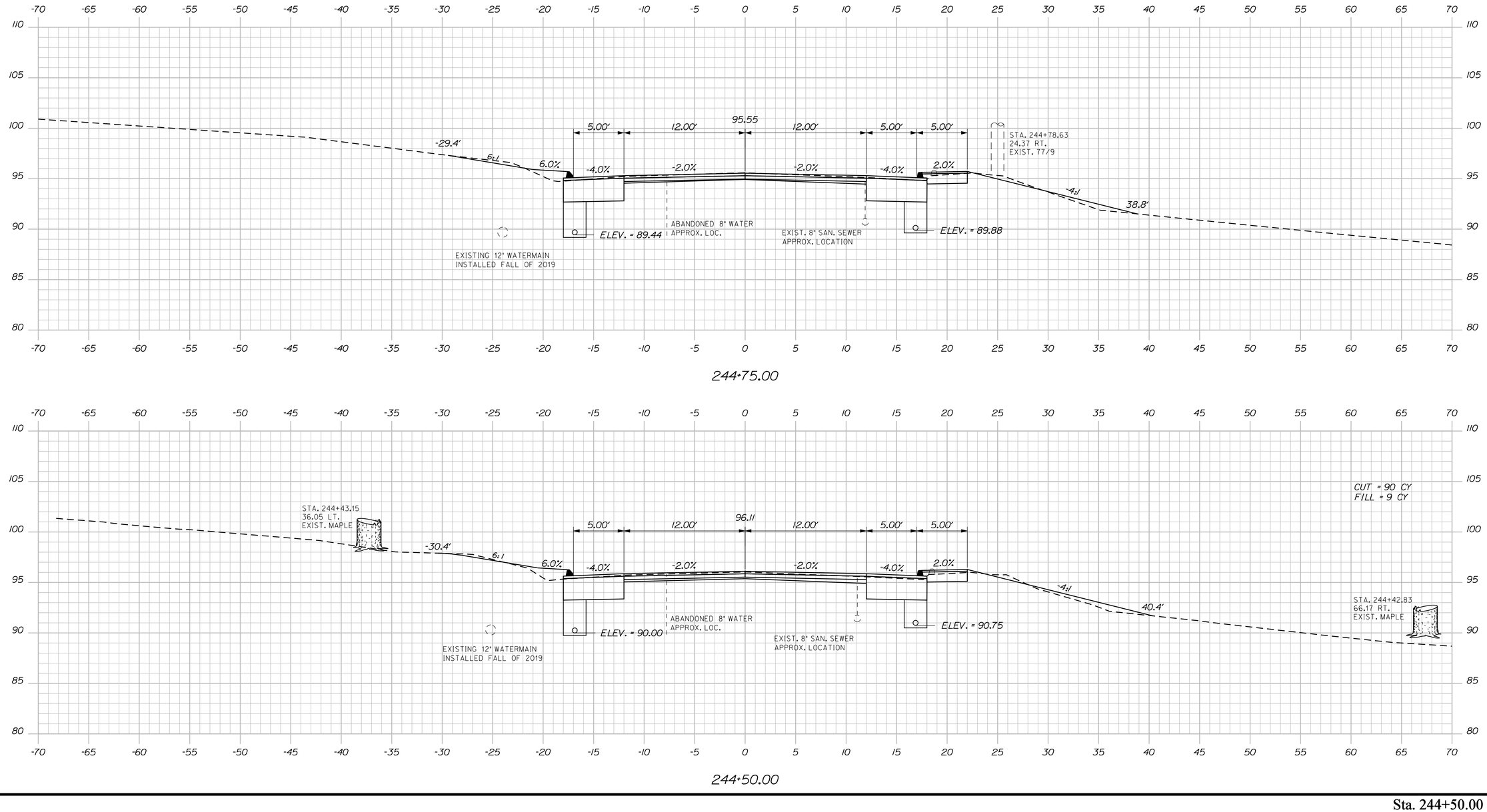

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
64
OF 292

Sta. 244+50.00 to Sta. 244+75.00

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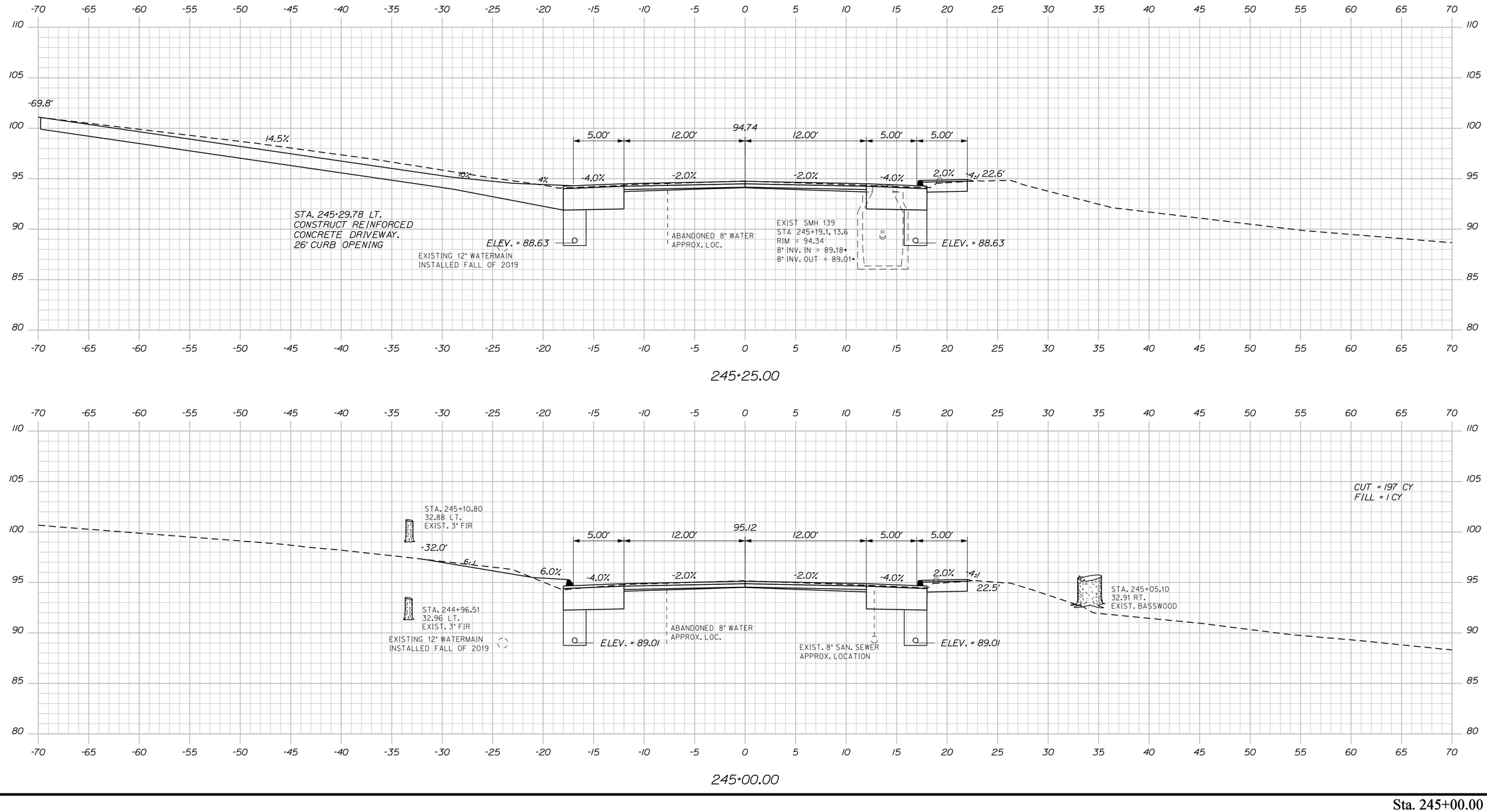

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
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DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

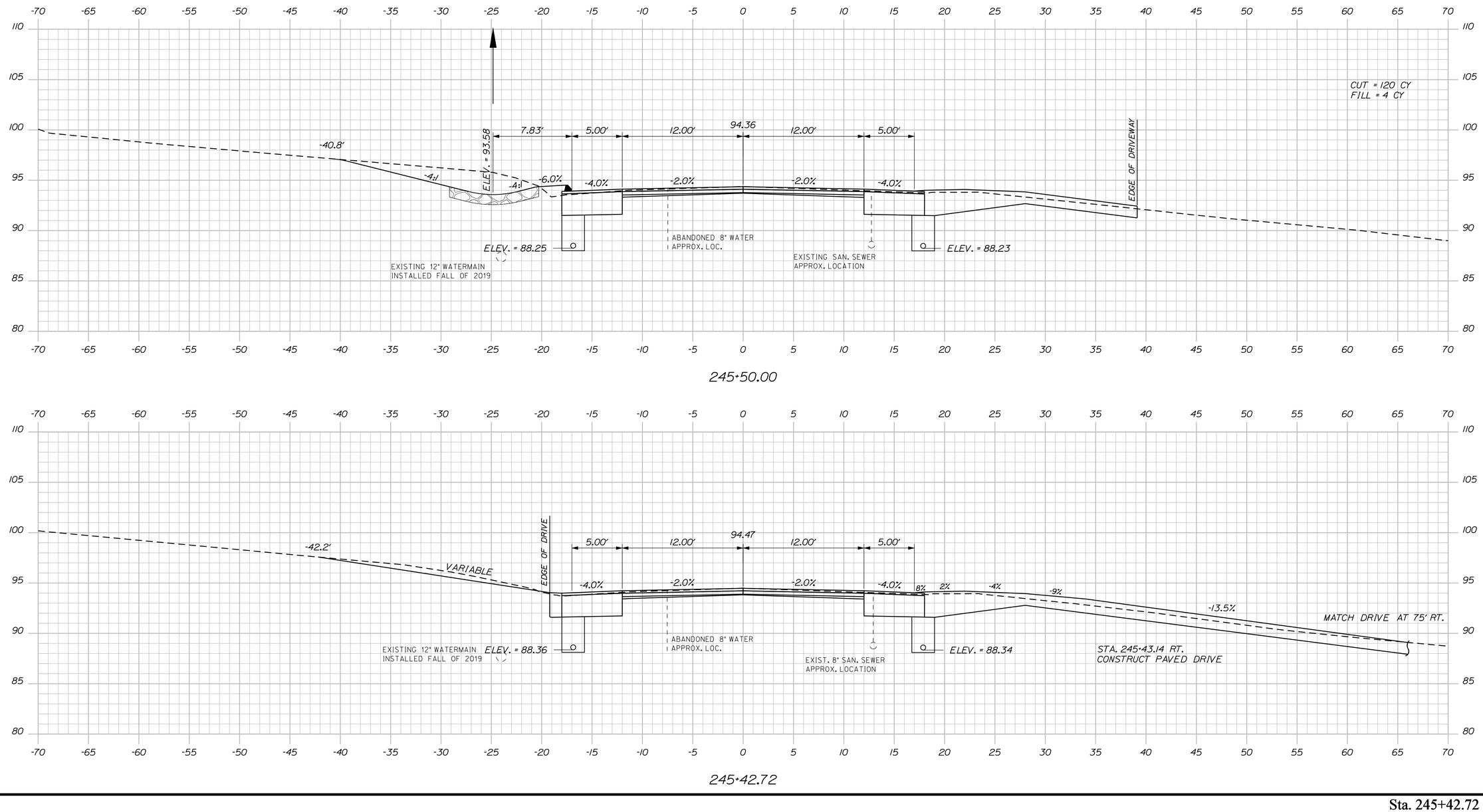
DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
65
OF 292

Sta. 245+00.00 to Sta. 245+25.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
66
OF 292

Sta. 245+42.72 to Sta. 245+50.00

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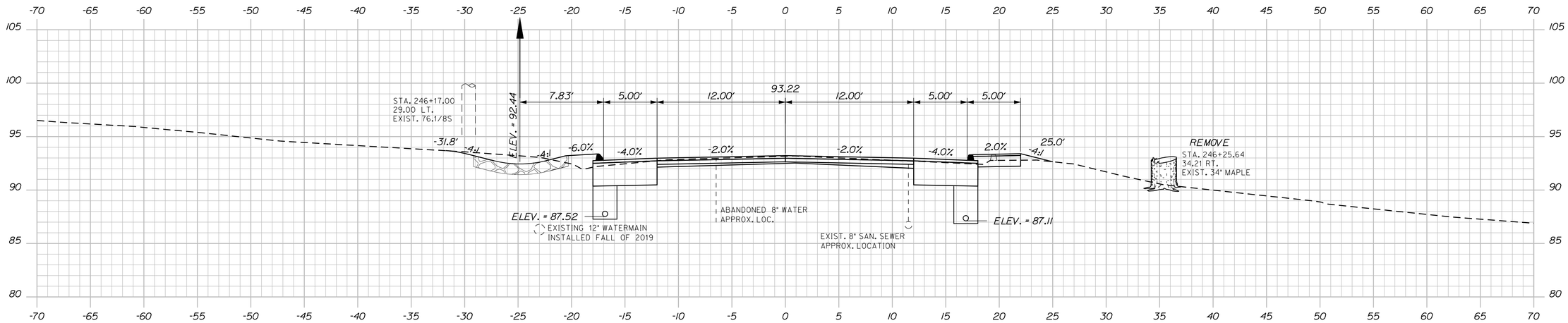
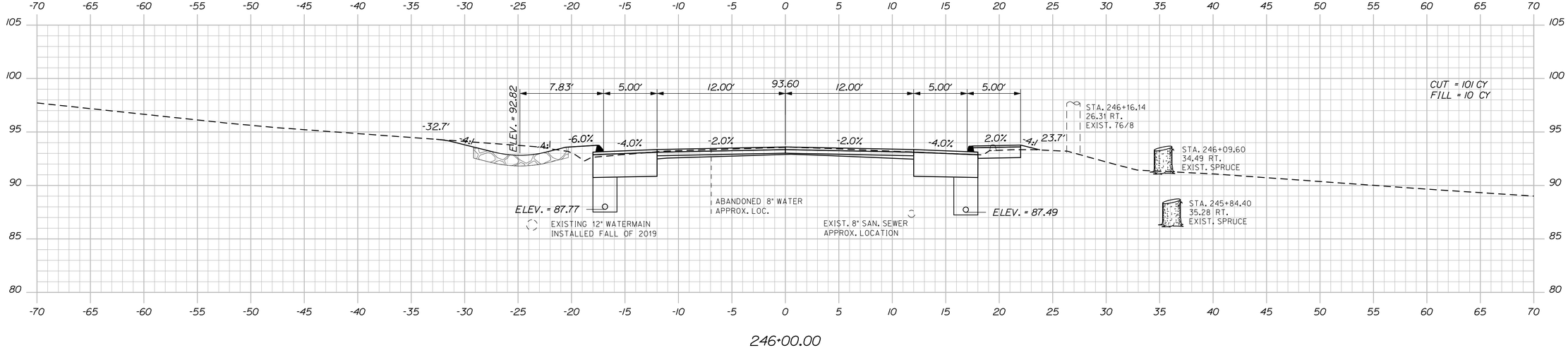
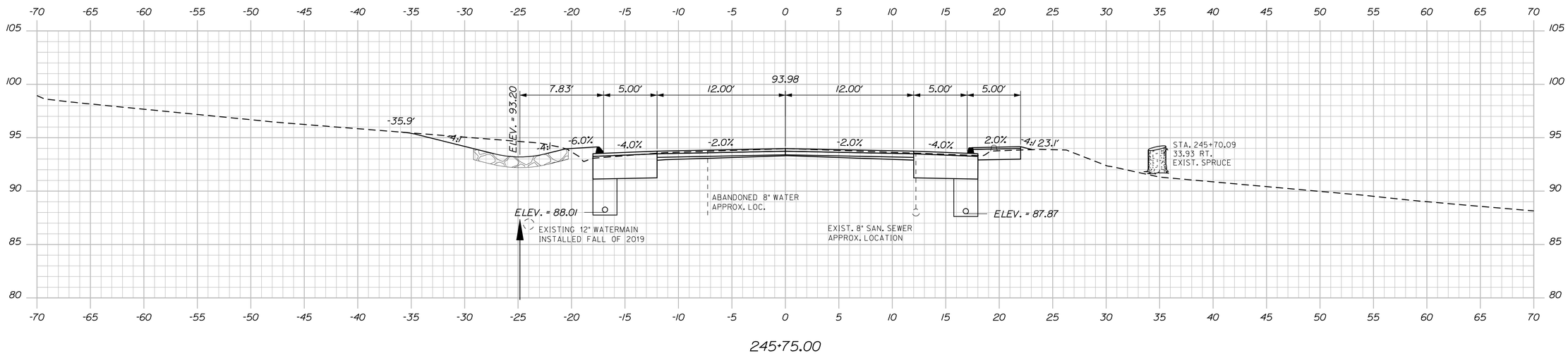






STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

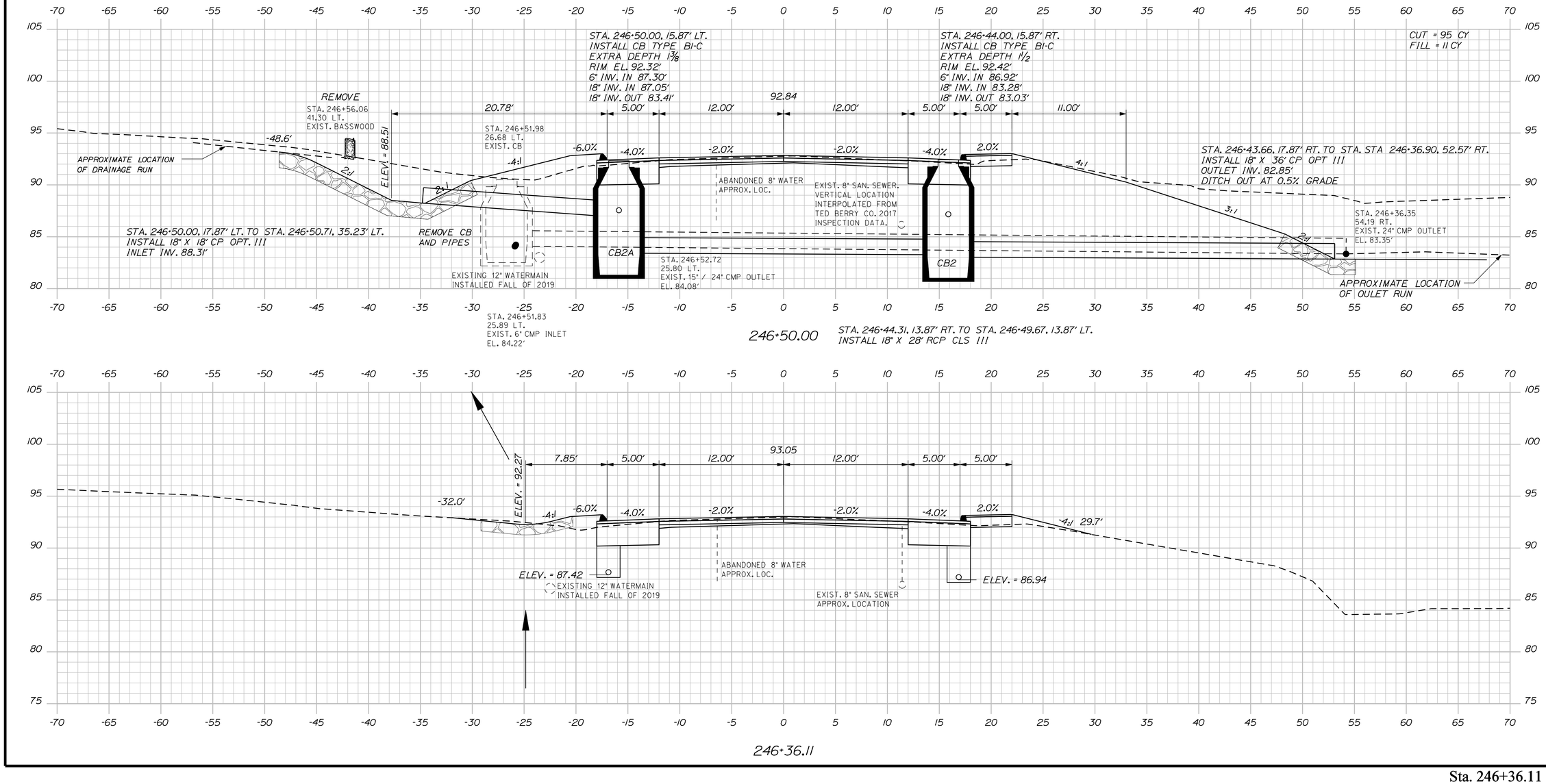
SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
67
OF 292

Sta. 245+75.00 to Sta. 246+25.00

Filename: ...\mslo\067_XSECT_245+75_013.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
ERNIE MARTIN		
PROJ. MANAGER	MSM	4-22
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2	ED2	
DESIGN3-DETAILED3	ED3	
REVISIONS 1		
REVISIONS 2		
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REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

68

OF 292

Sta. 246+36.11 to Sta. 246+50.00

Filename: ...\msto\068_XSECT_246+36_014.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
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FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
69
OF 292

Sta. 246+75.00 to Sta. 247+25.00

Filename: ...\mslo\069_XSECT_246+75_015.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	ERNIE MARTIN	BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

70

OF 292

Sta. 247+40.90 to Sta. 247+59.74

Filename: ...\mslo\070_XSECT_247+40_016.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

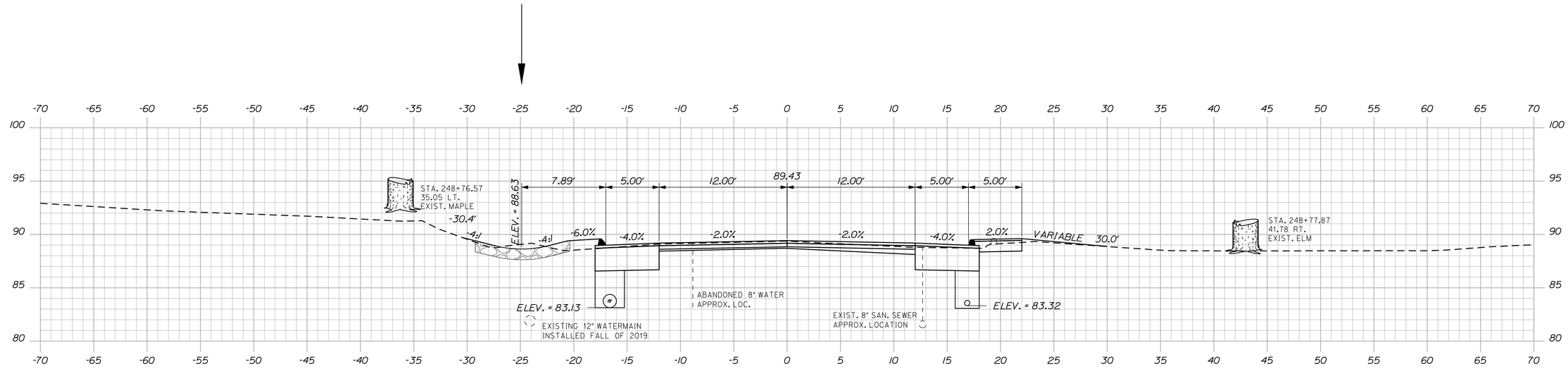
SEARSPORT
US ROUTE 1

CROSS SECTIONS

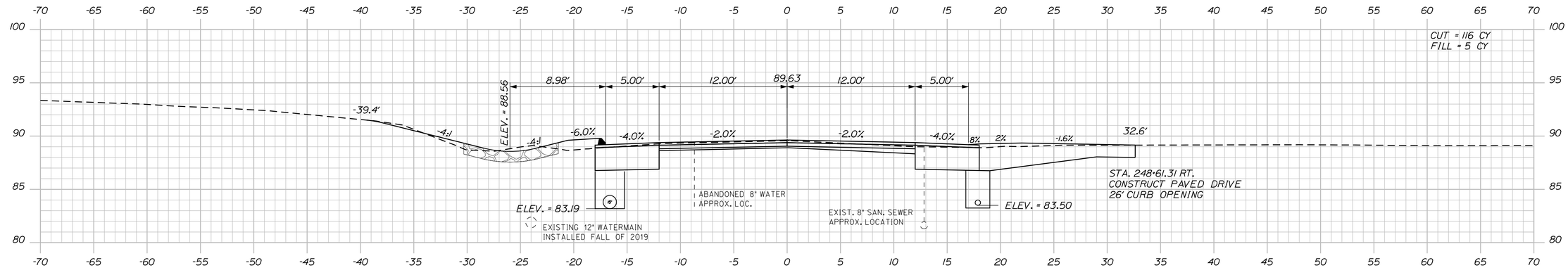
SHEET NUMBER
71
OF 292

Sta. 247+75.00 to Sta. 248+25.00

Filename: ...\mstoV071_XSECT_247+75_017.dgn Division: HIGHWAY Username: morin Date:4/25/2022

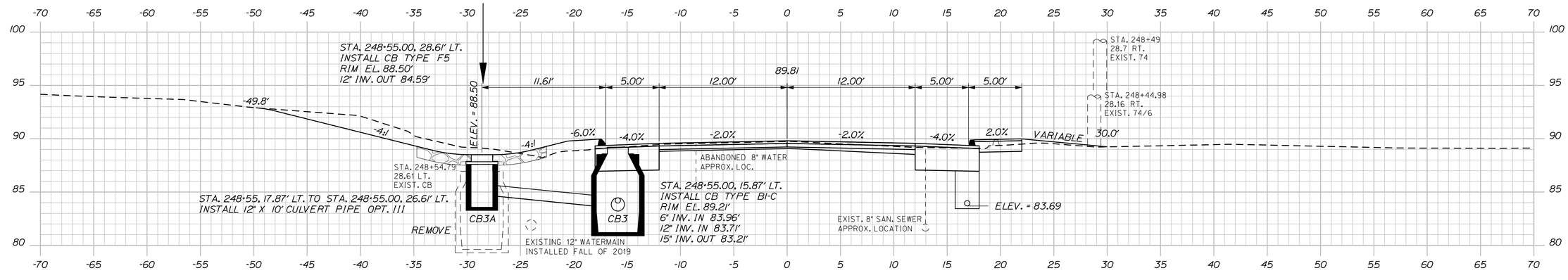


248+75.00



STA. 248+57.00 LT. TO STA. 250+33.00 LT.
INSTALL 15" TYPE C UD, 176 LF

248+61.31



248+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
72
OF 292

Sta. 248+50.00 to Sta. 248+75.00

Filename: ...\mslo\072_XSECT_248+50_018.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	ERNIE MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

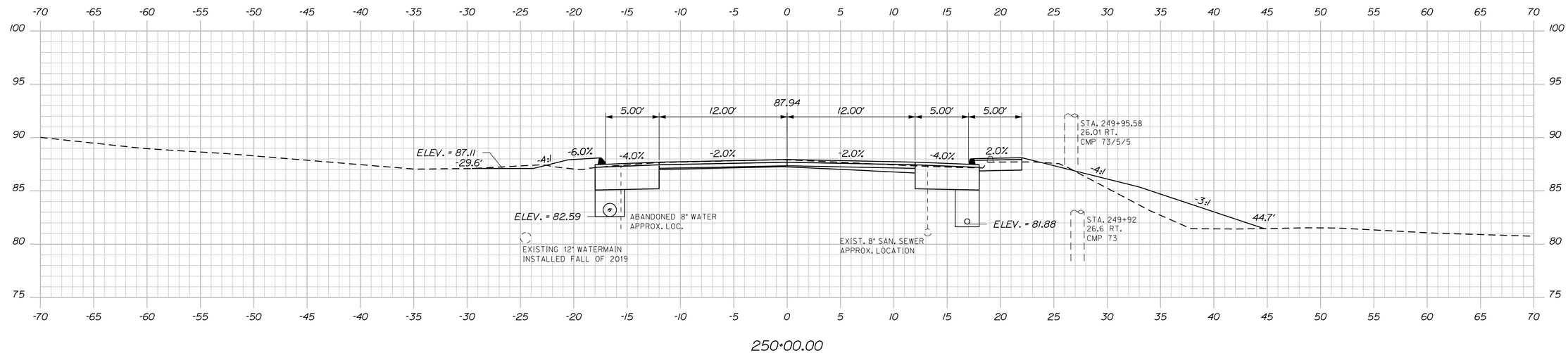
SHEET NUMBER

73

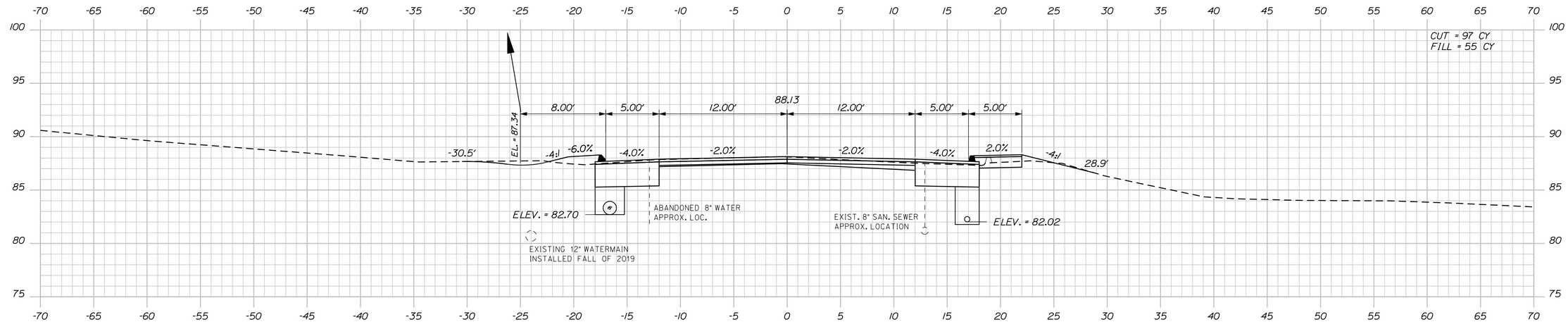
OF 292

Sta. 249+00.00 to Sta. 249+50.00

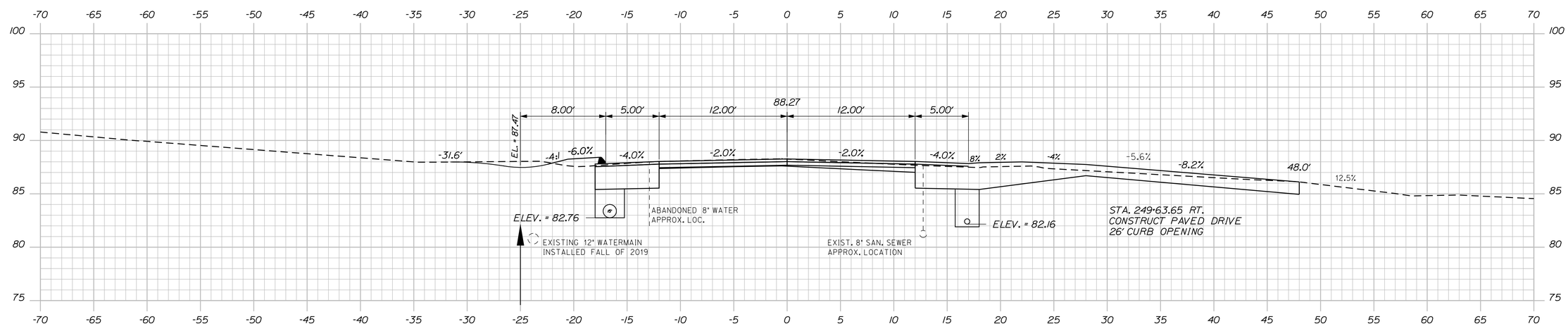
Filename: ...\mslo\073_XSECT_249+00_019.dgn Division: HIGHWAY Username: morin Date:4/25/2022



250+00.00



249+75.00



249+60.73

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2	ED2	
DESIGN3-DETAILED3	ED3	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

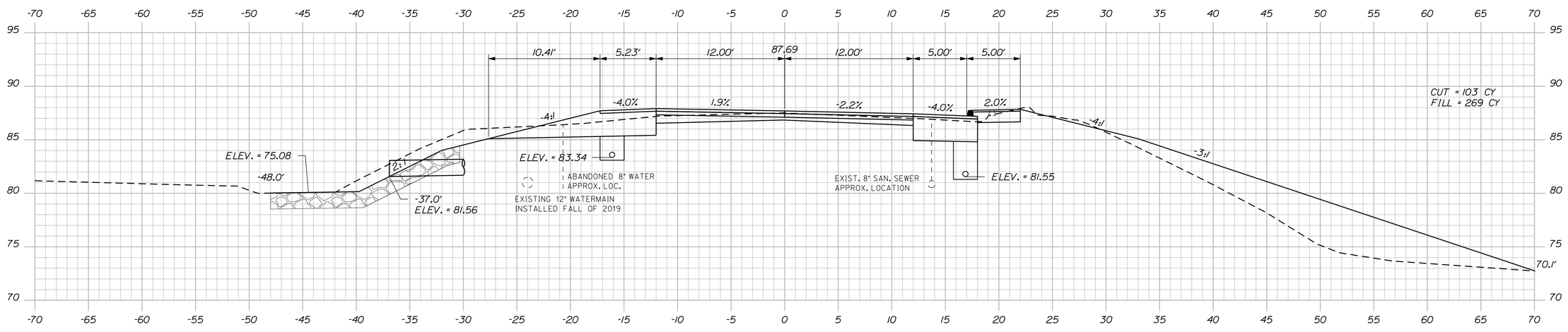
SHEET NUMBER

74

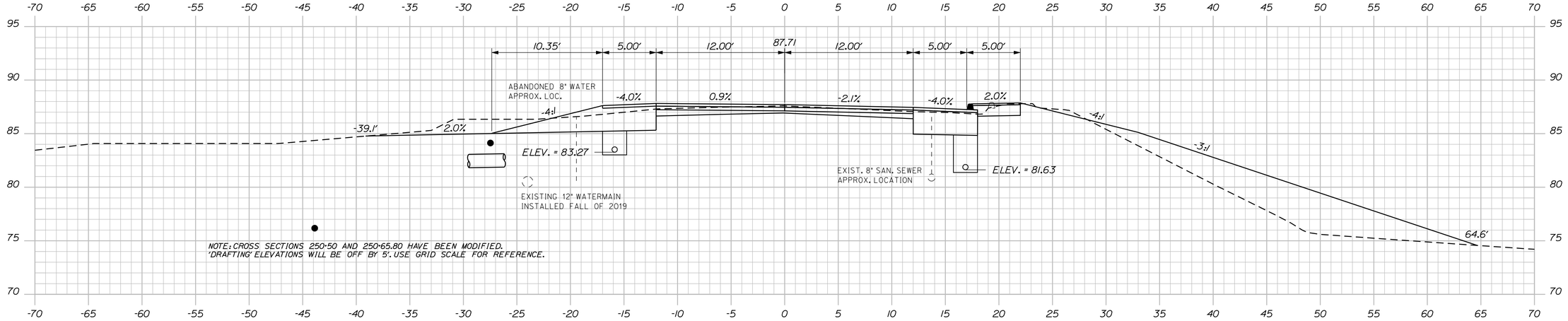
OF 292

Sta. 249+60.73 to Sta. 250+00.00

Filename: ...\mslo\074_XSECT_249+60_020.dgn Division: HIGHWAY Username: morin Date:4/25/2022

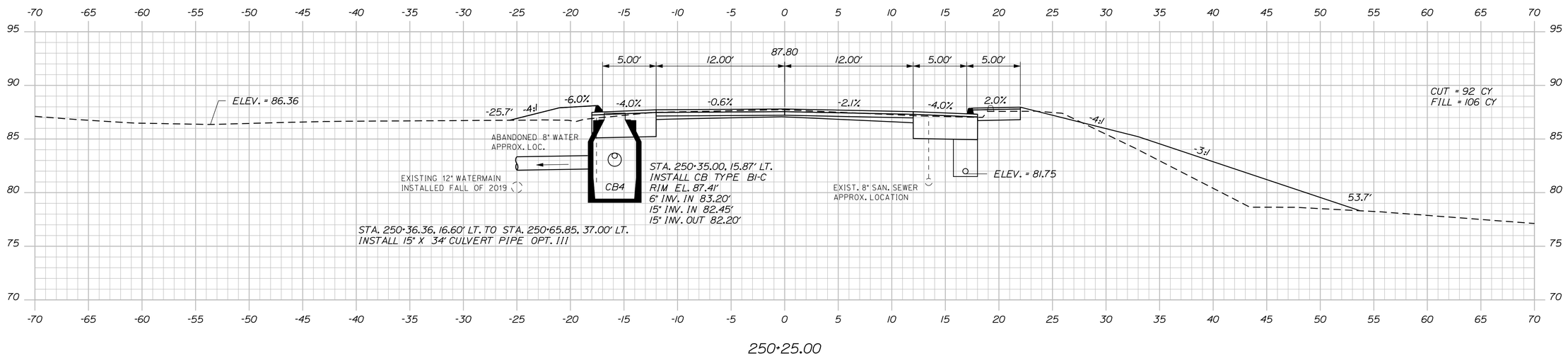


250+65.80



STA. 250+37.00 LT. TO STA. 254+73.00 LT.
INSTALL TYPE B UD. 436 LF

250+50.00



STA. 250+36.36, 16.60' LT. TO STA. 250+65.85, 37.00' LT.
INSTALL 15" X 34' CULVERT PIPE OPT. III

250+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

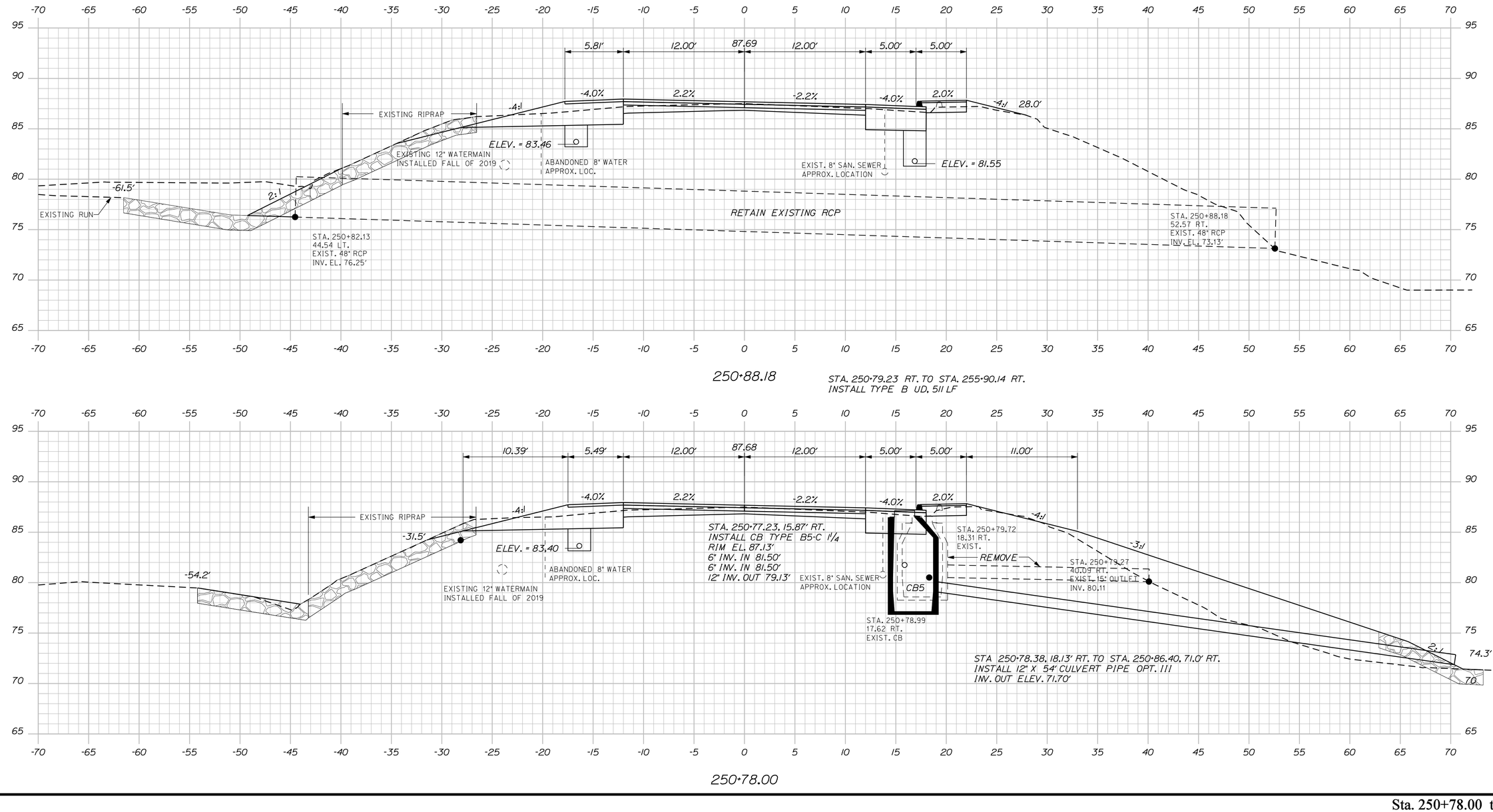
SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
75
OF 292

Sta. 250+25.00 to Sta. 250+65.80

Filename: ...\MSTA\075_XSECT_250+25_021.dgn Division: HIGHWAY Username: morin Date:4/26/2022



Sta. 250+78.00 to Sta. 250+88.18

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

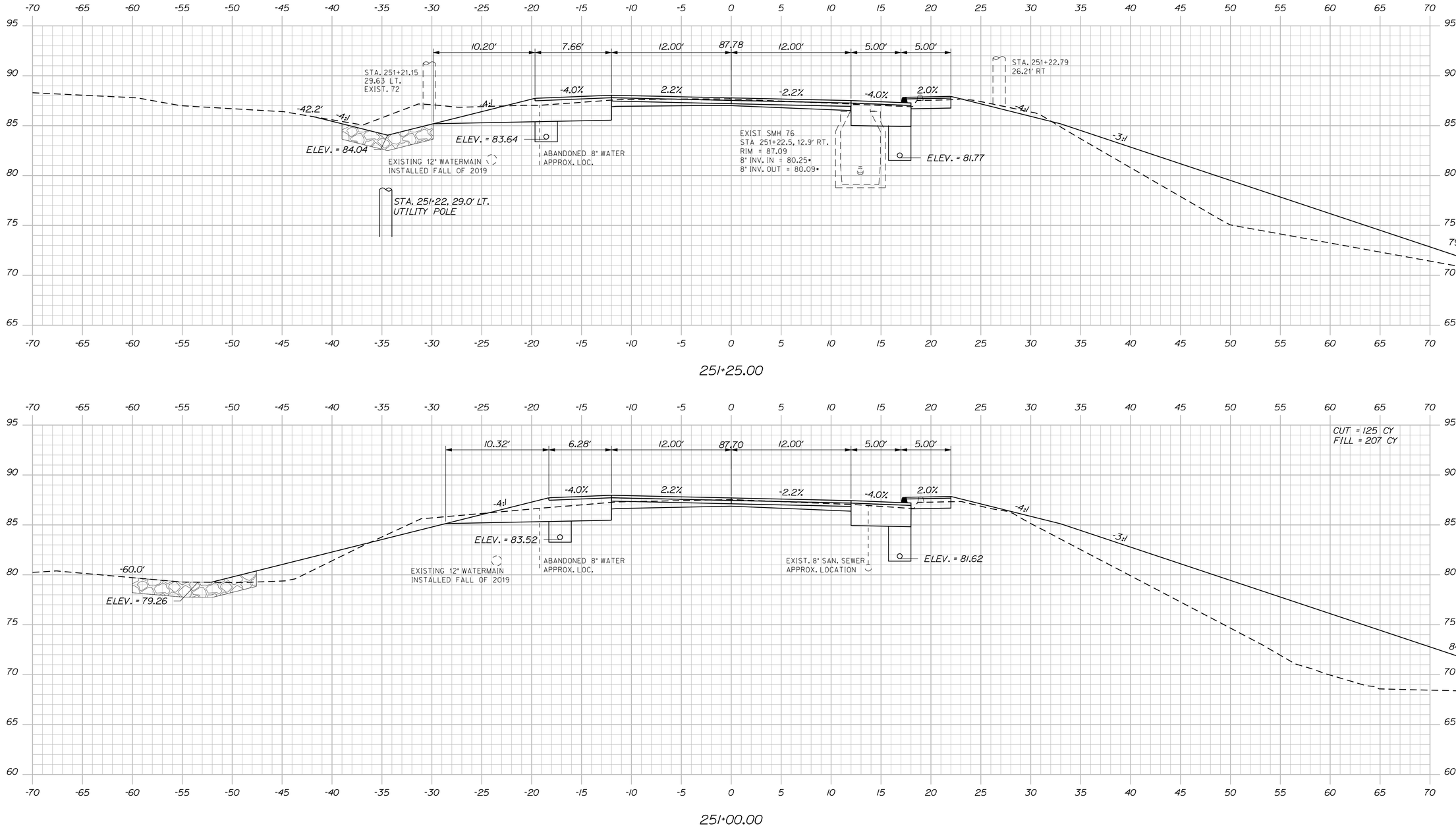
CROSS SECTIONS

SHEET NUMBER

76

OF 292

Filename: ...\mslo\076_XSECT_250+78_022.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		DATE
PROJ. MANAGER	ERNIE MARTIN	BY
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

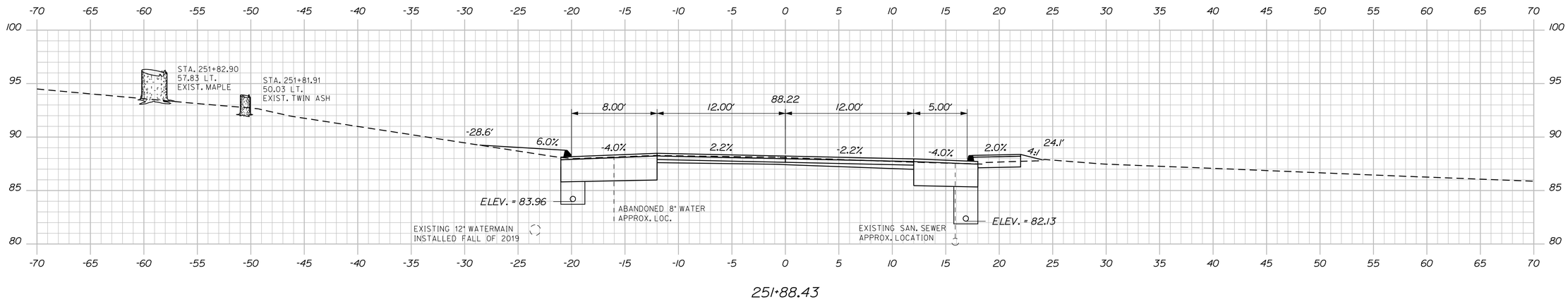
SHEET NUMBER

77

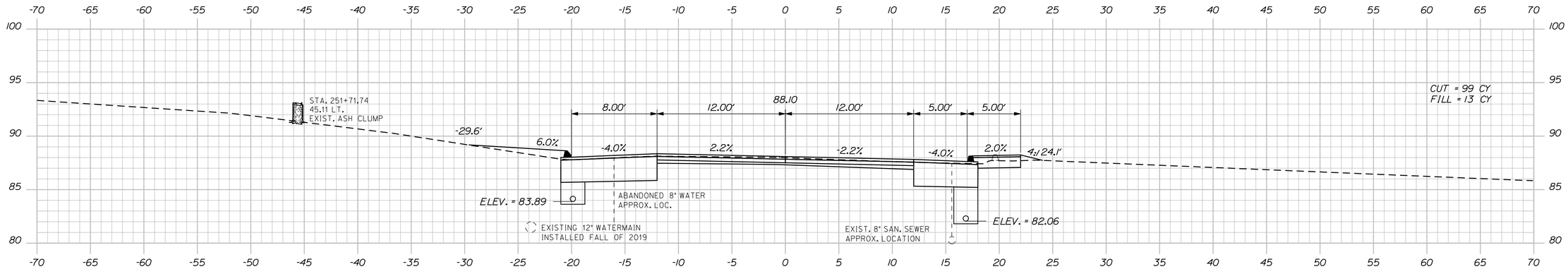
OF 292

Sta. 251+00.00 to Sta. 251+25.00

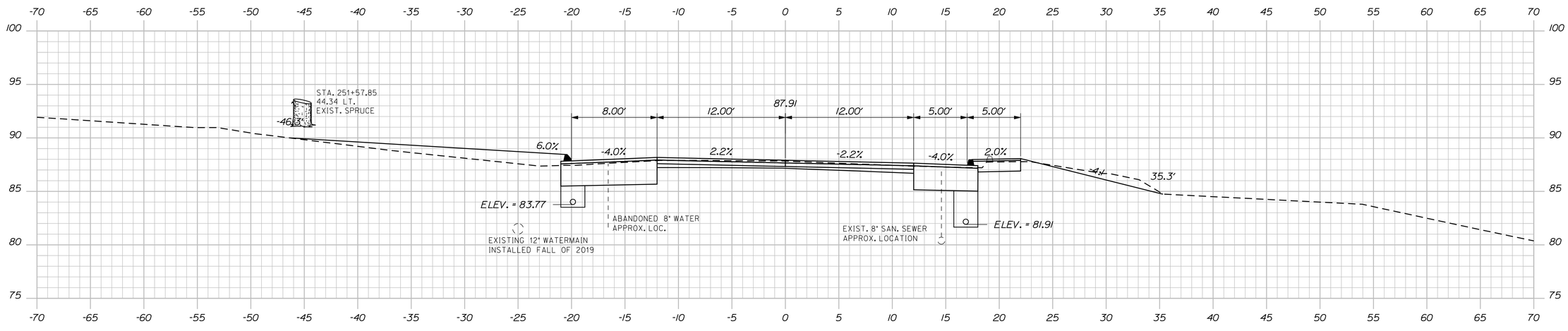
Filename: ...\mslo\077_XSECT_251+00_023.dgn Division: HIGHWAY Username: morin Date:4/25/2022



251+88.43



251+75.00



251+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
ERNIE MARTIN	MSM	4-22
		4-22

SIGNATURE
4226

P.E. NUMBER

DATE

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

SEARSPORT
US ROUTE 1

CROSS SECTIONS

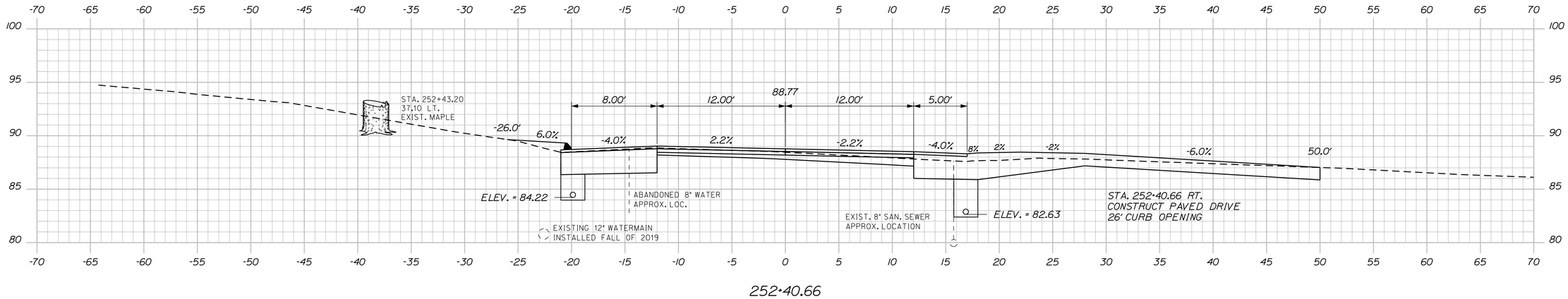
SHEET NUMBER

78

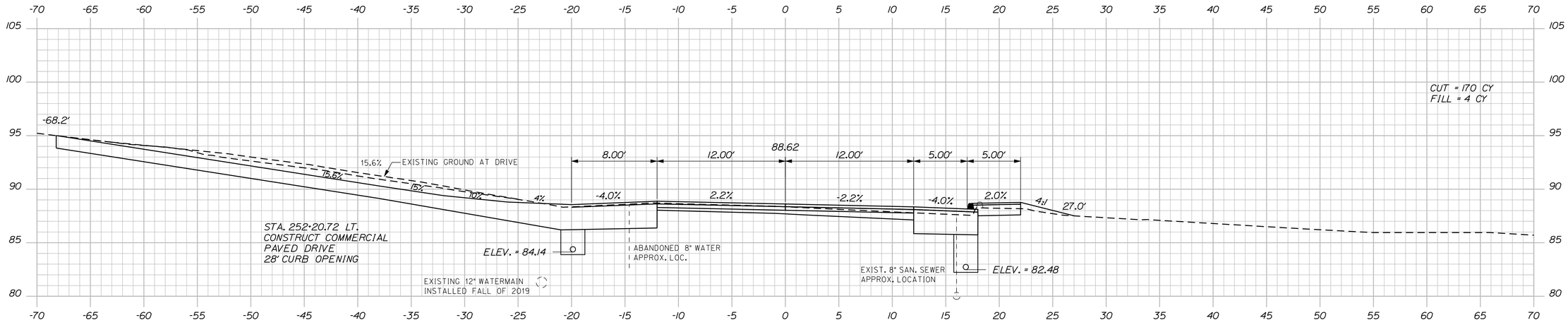
OF 292

Sta. 251+50.00 to Sta. 251+88.43

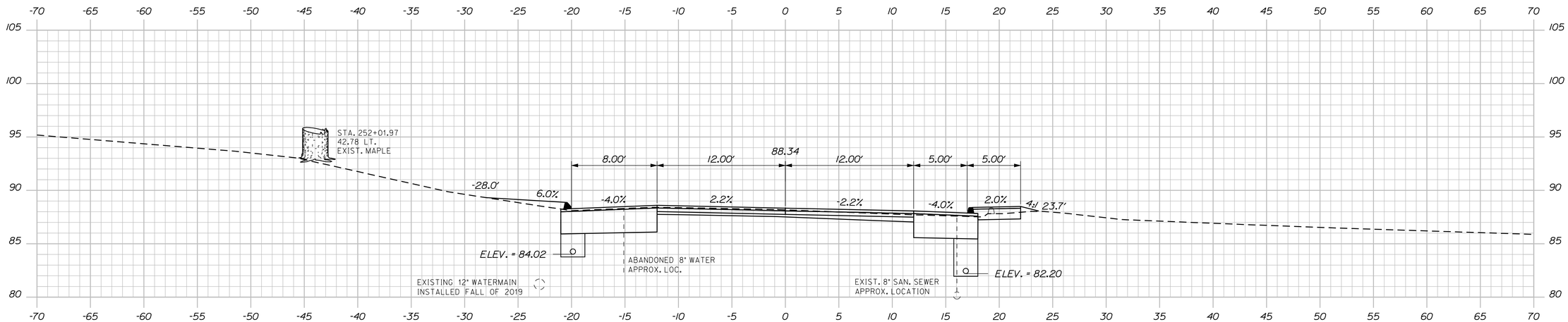
Filename: ...\mslo\078_XSECT_251+50_024.dgn Division: HIGHWAY Username: morin Date:4/25/2022



252+40.66



252+25.00



252+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	AJG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

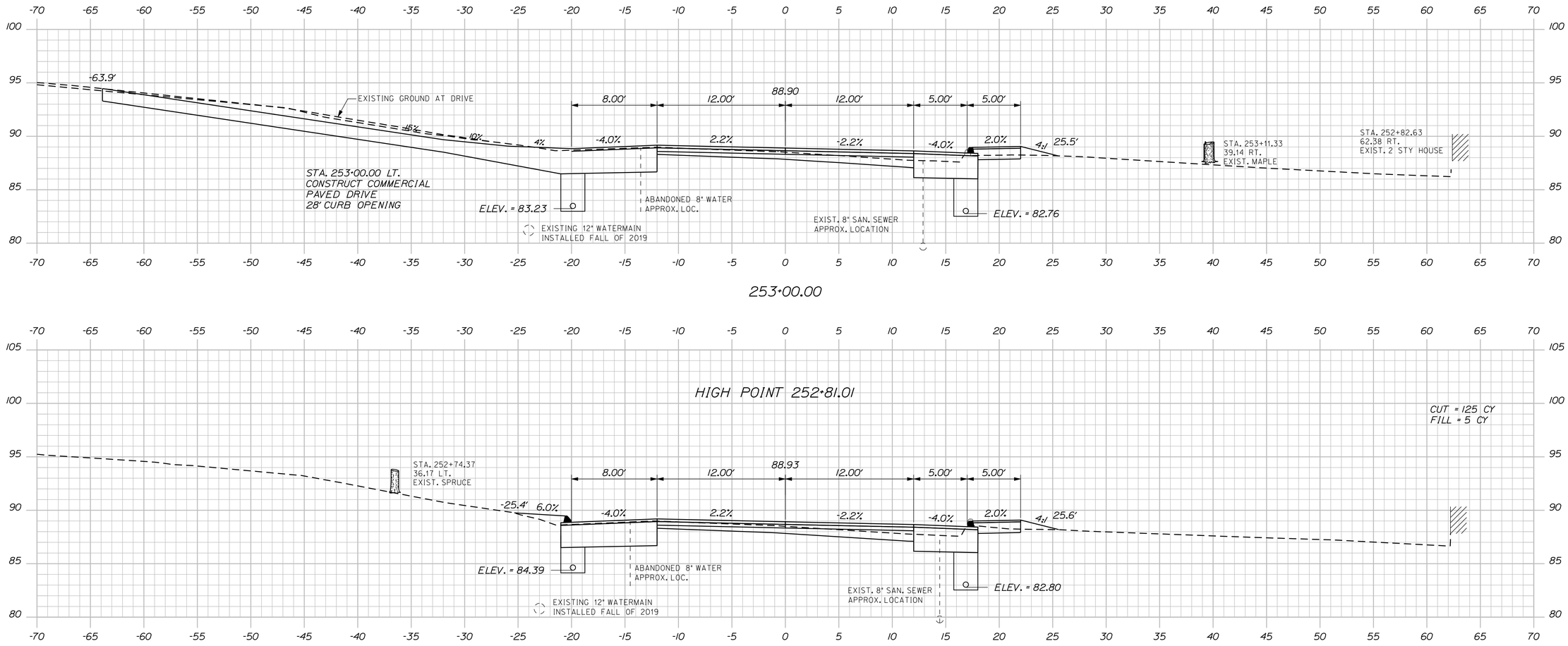
SHEET NUMBER

79

OF 292

Sta. 252+00.00 to Sta. 252+40.66

Filename: ...\mst\079_XSECT_252+00_025.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER
DATE

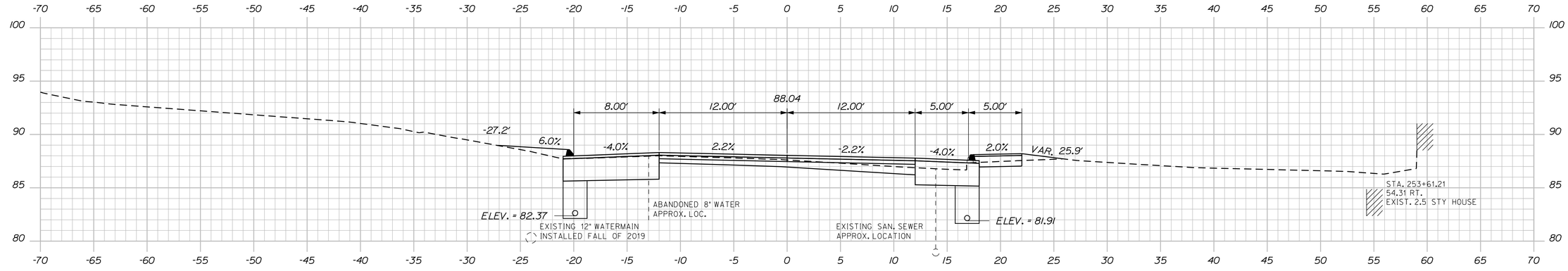
SEARSPORT
US ROUTE 1

CROSS SECTIONS

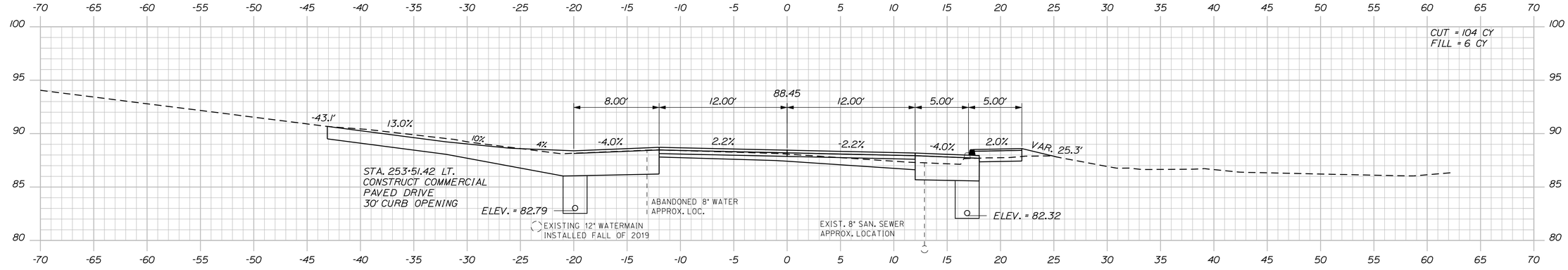
SHEET NUMBER
80
OF 292

Sta. 252+50.00 to Sta. 253+00.00

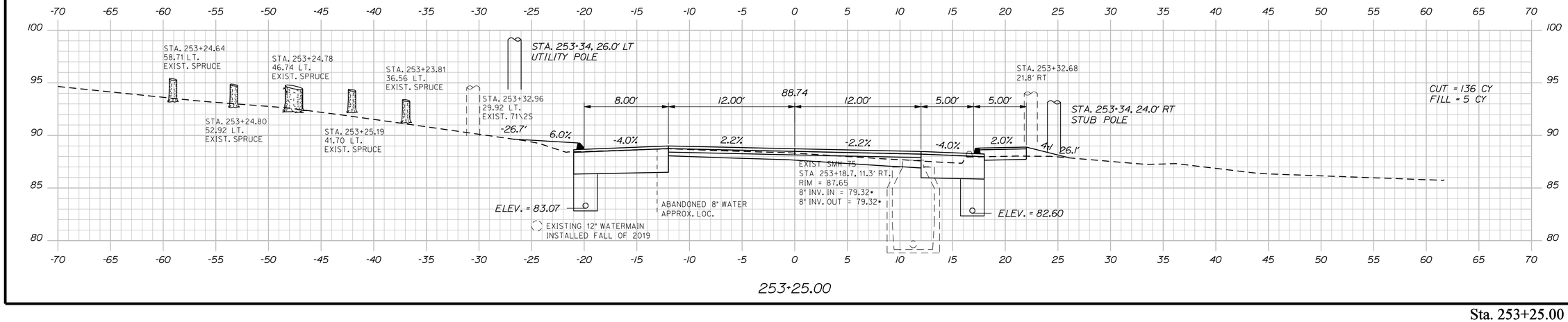
Filename: ...\mslo\080_XSECT_252+50_026.dgn Division: HIGHWAY Username: morin Date:4/25/2022



253+75.00



253+50.00



253+25.00

Sta. 253+25.00 to Sta. 253+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

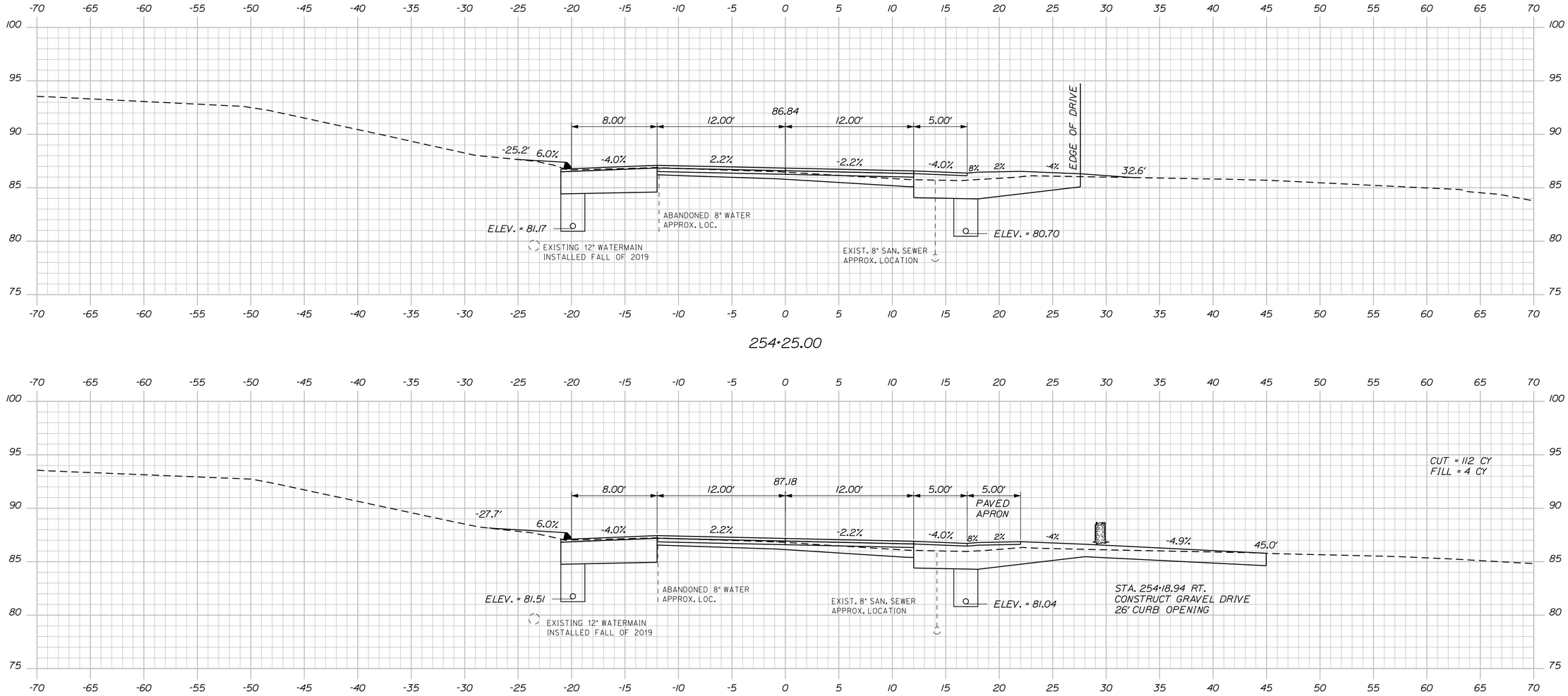
CROSS SECTIONS

SHEET NUMBER

81

OF 292

Filename: ...\mslo\081_XSECT_253+25_027.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

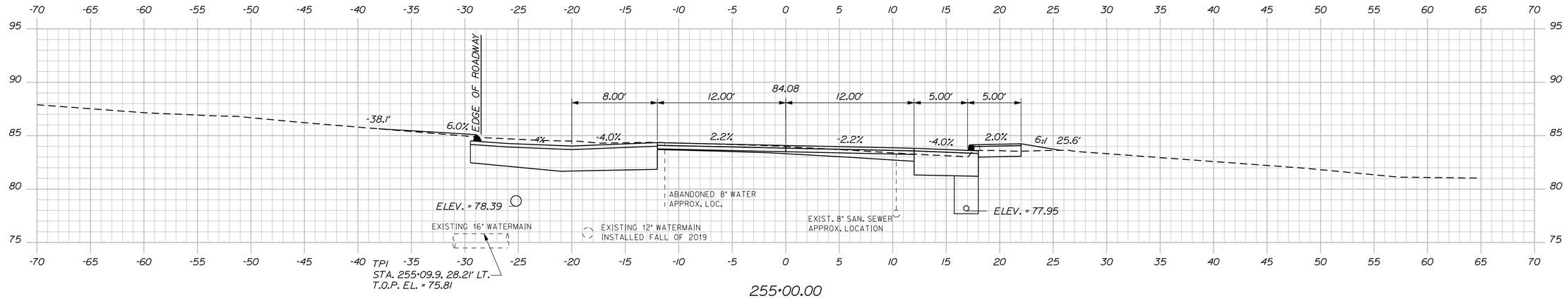
SHEET NUMBER

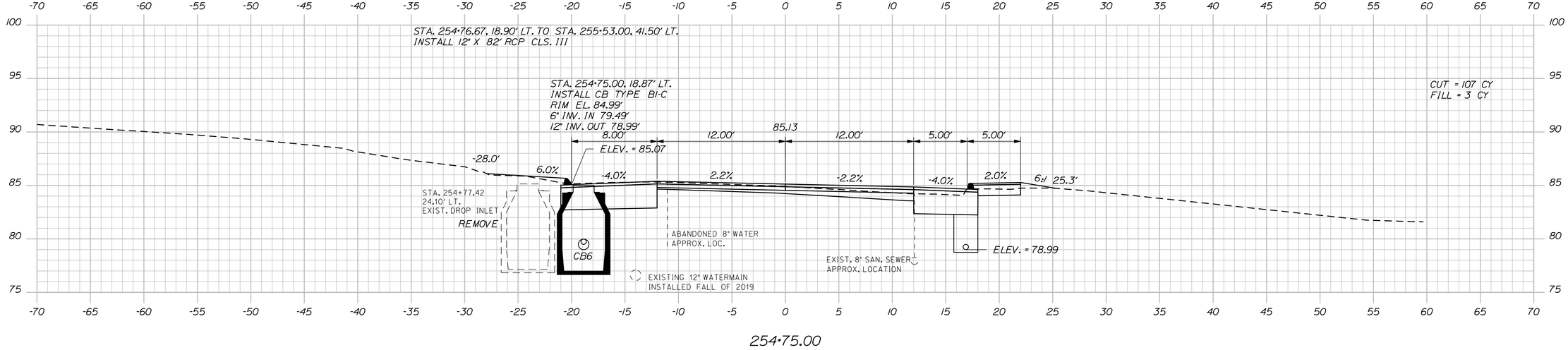
82

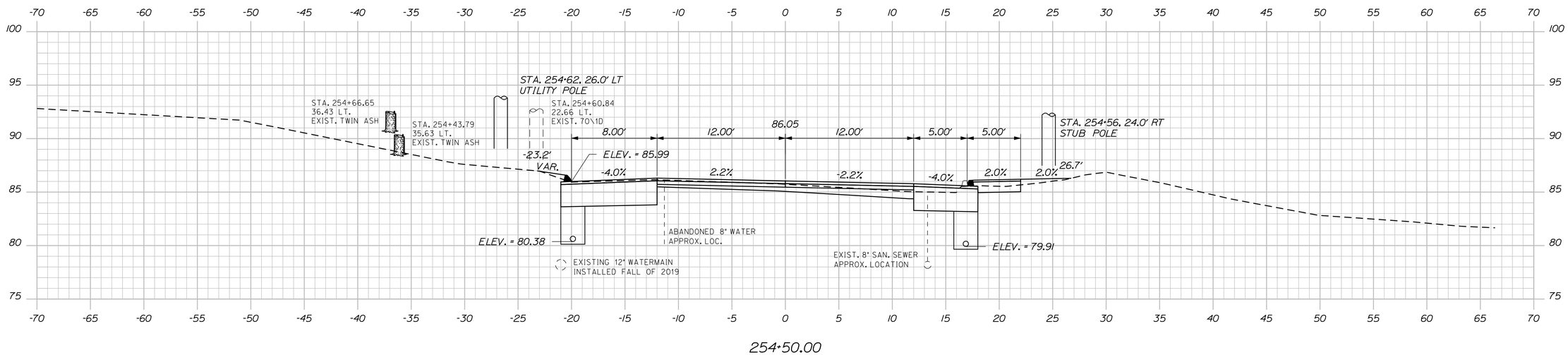
OF 292

Sta. 254+00.00 to Sta. 254+25.00

Filename: ...\mslo\082_XSECT_254+00_028.dgn Division: HIGHWAY Username: morin Date:4/25/2022







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

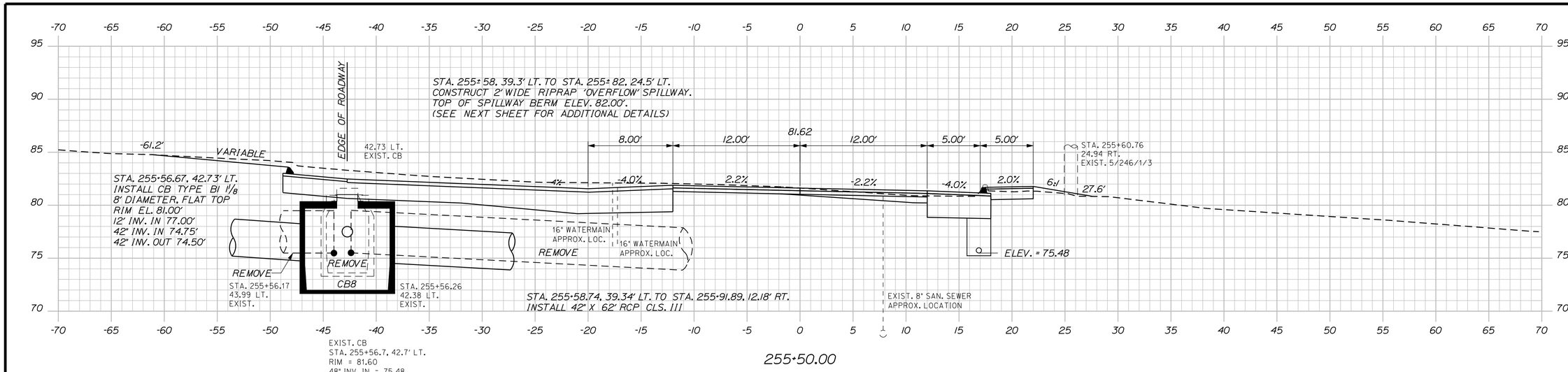
83

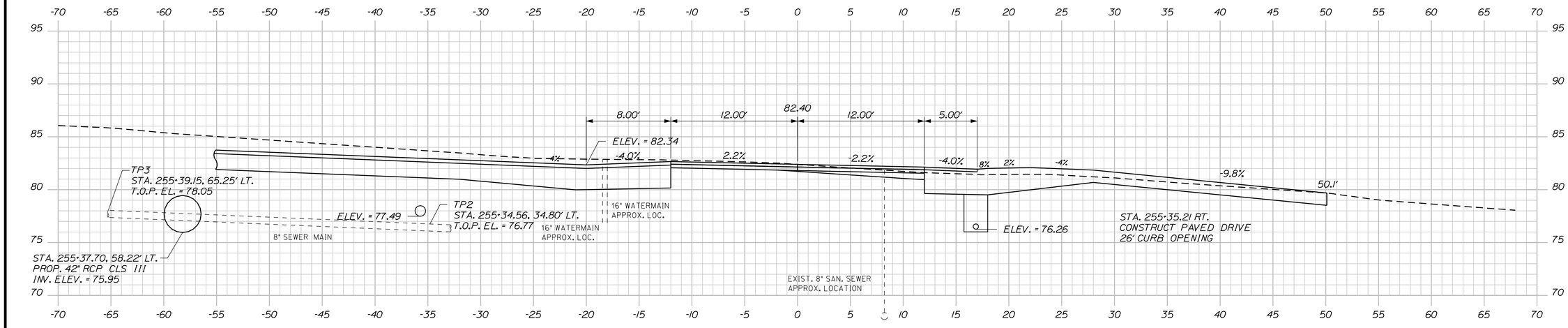
OF 292

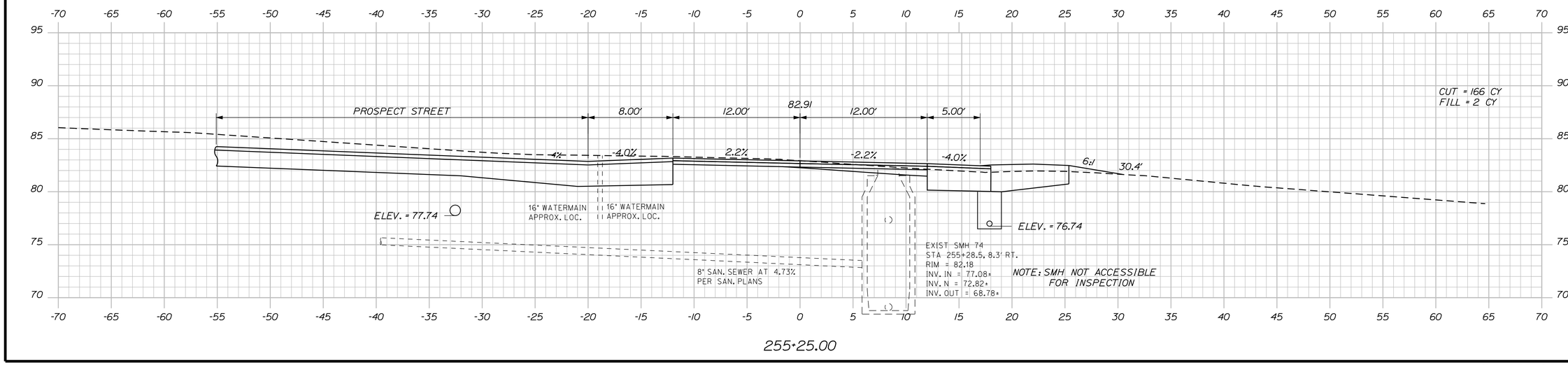
Sta. 254+50.00 to Sta. 255+00.00

Filename: ...\mslo\083_XSECT_254+50_029.dgn Division: HIGHWAY Username: morin Date:4/25/2022

Filename: ...\mslo\084_XSECT_255+25_030.dgn Division: HIGHWAY Username: morin Date:4/25/2022







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
DESIGNED-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER: ERNIE MARTIN

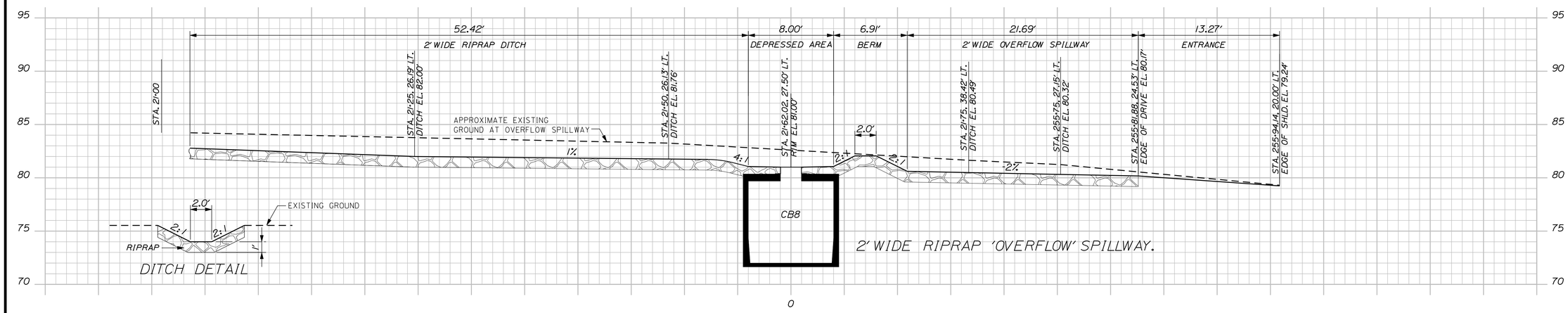
SIGNATURE
4226
P.E. NUMBER
DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
84
OF 292

Sta. 255+25.00 to Sta. 255+50.00



Filename: ...\mslo\085_XSECT_255+75_031.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	AJG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

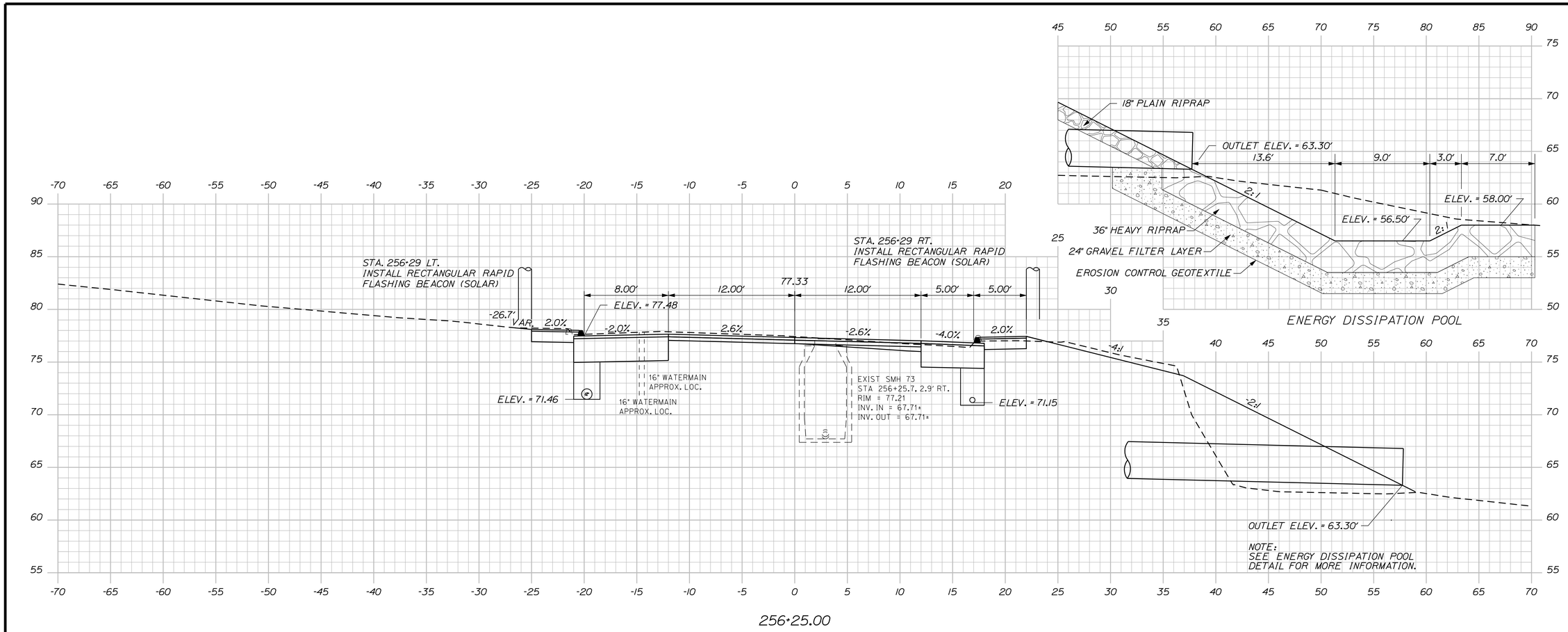
SIGNATURE
4226
P.E. NUMBER
DATE

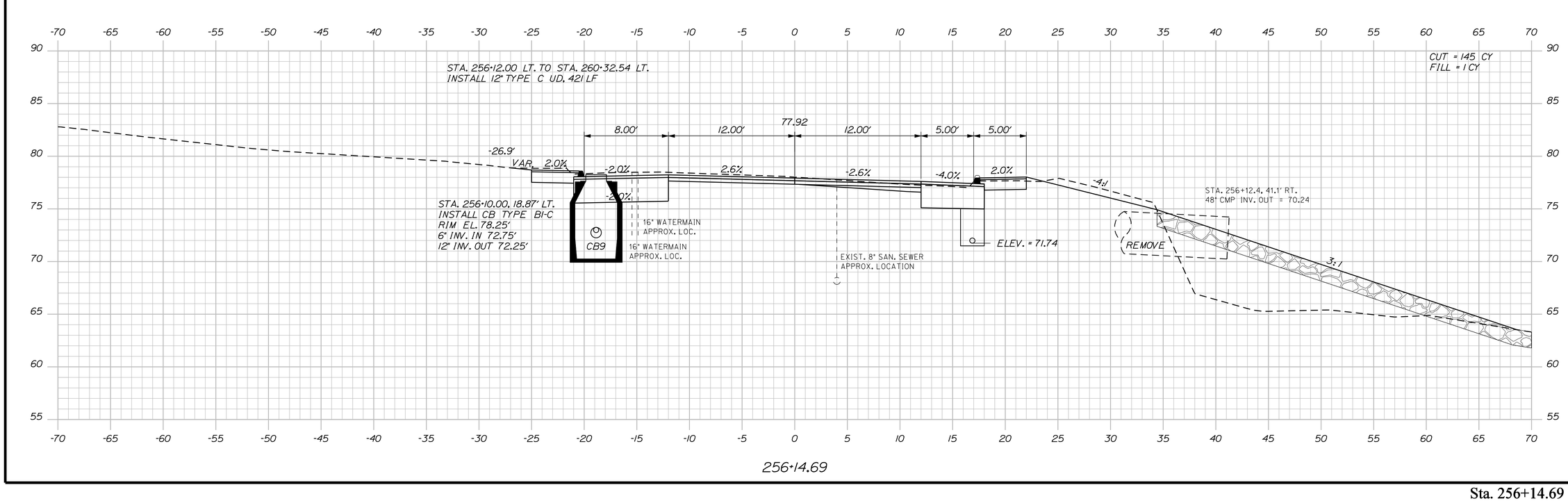
SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
85
OF 292

Sta. 255+75.00 to Sta. 256+00.00





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

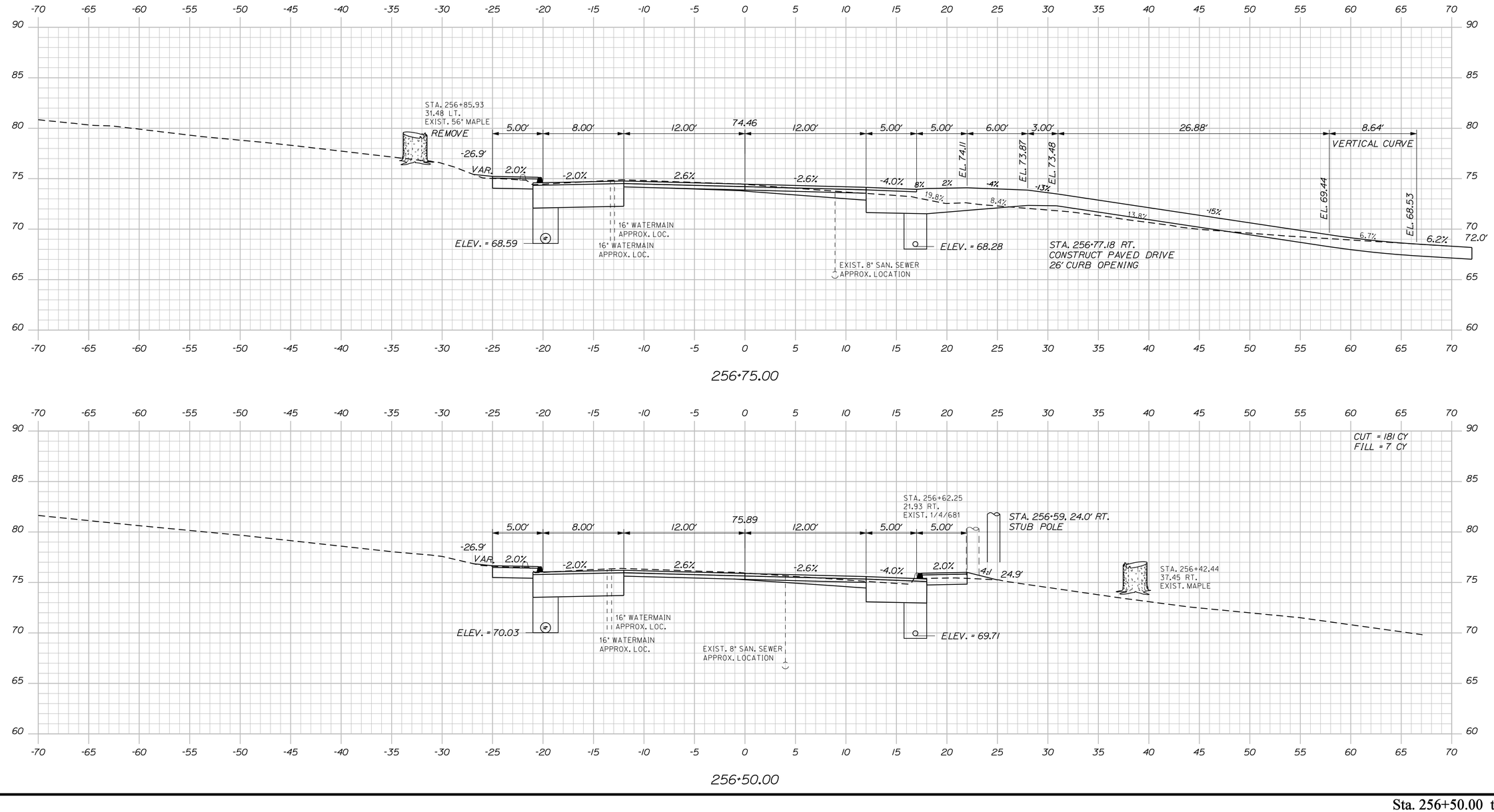
SHEET NUMBER

86

OF 292

Sta. 256+14.69 to Sta. 256+25.00

Filename: ...\mslo\086_XSECT_256+14_032.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	ERNIE MARTIN	BY	
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

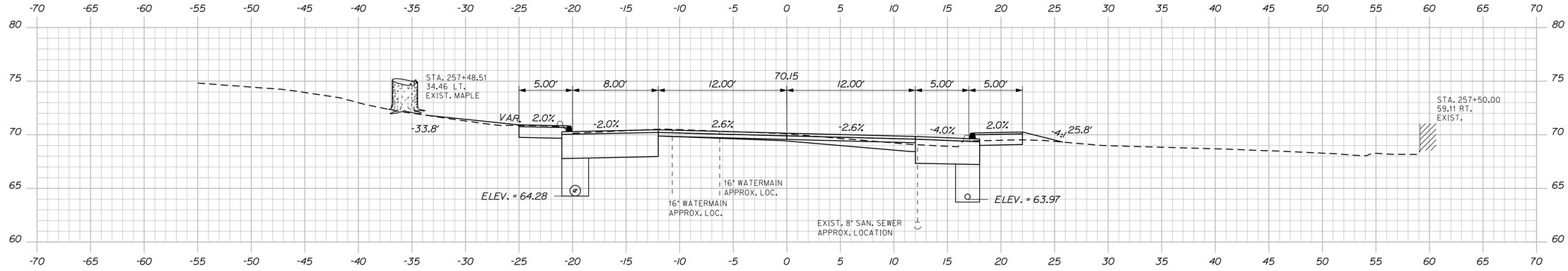
SEARSPORT
US ROUTE 1

CROSS SECTIONS

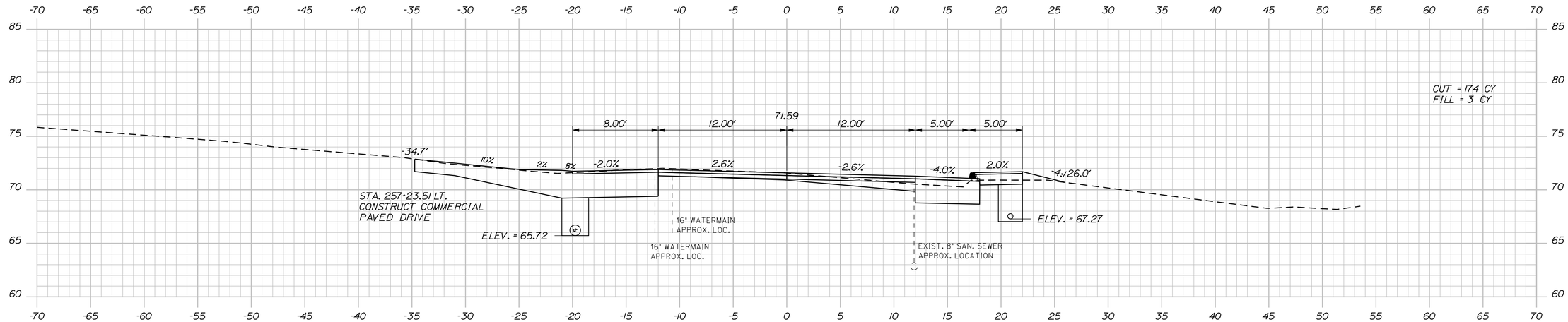
SHEET NUMBER
87
OF 292

Sta. 256+50.00 to Sta. 256+75.00

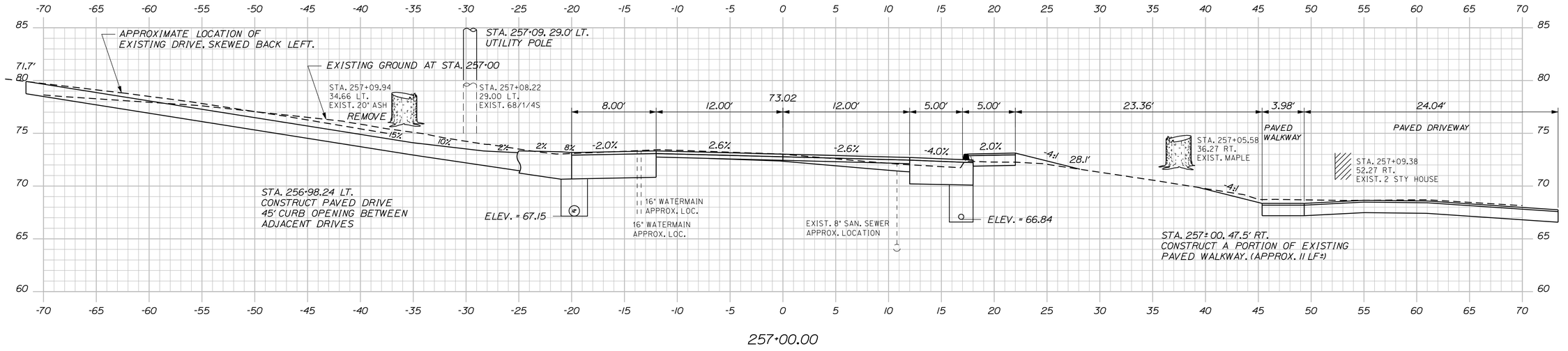
Filename: ...\mslo\087_XSECT_256+50_033.dgn Division: HIGHWAY Username: morin Date:4/25/2022



257+50.00



257+25.00



257+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE			
4226			
P.E. NUMBER			
DATE			

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	MSM
CHECKED-REVIEWED	ALG	DATE	4-22
DESIGN2-DETAILED2			4-22
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

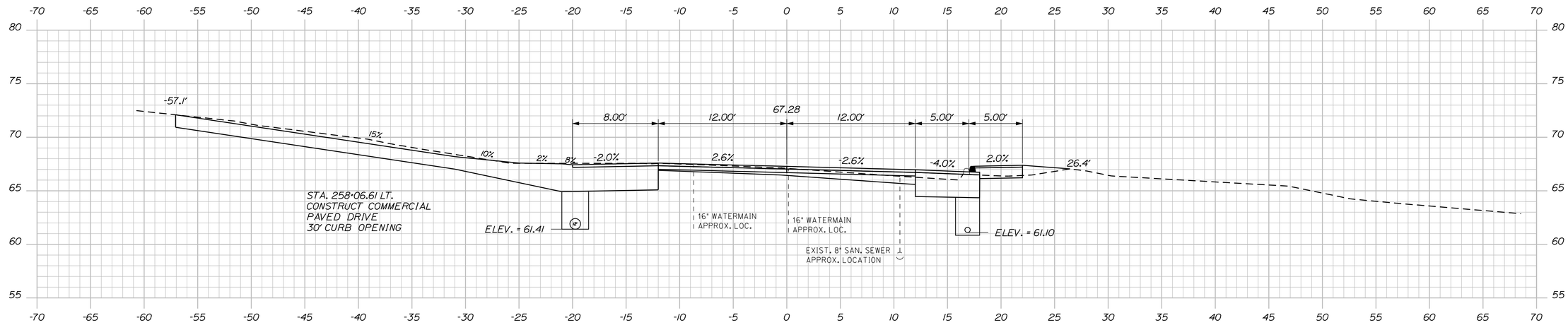
SHEET NUMBER

88

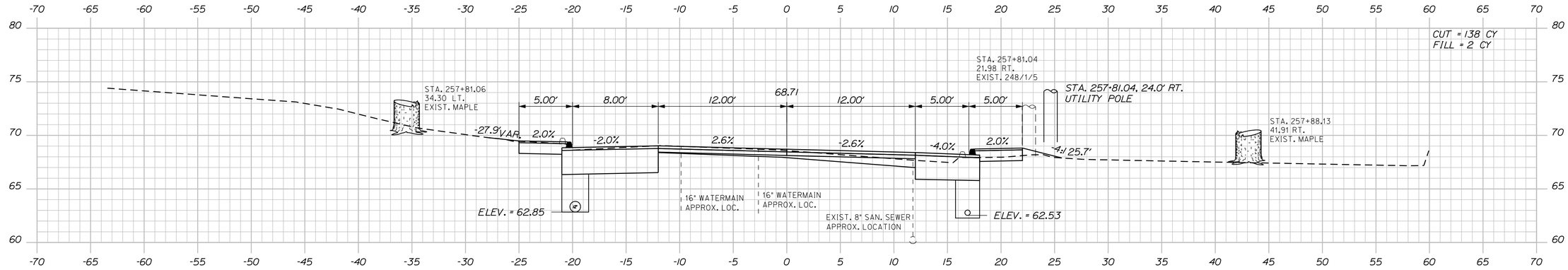
OF 292

Sta. 257+00.00 to Sta. 257+50.00

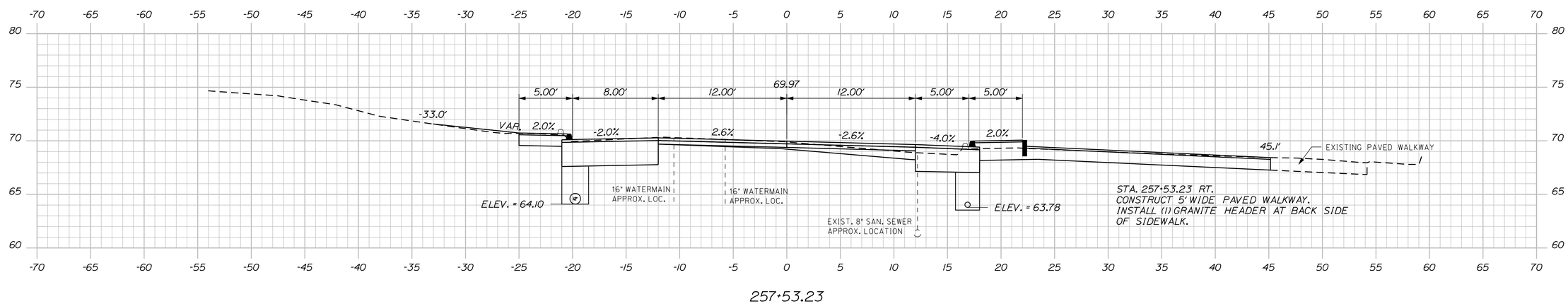
Filename: ...\mst0\088_XSECT_257+00_034.dgn Division: HIGHWAY Username: morin Date:4/25/2022



258+00.00



257+75.00



257+53.23

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

89

OF 292

Sta. 257+53.23 to Sta. 258+00.00

Filename: ...\mslo\089_XSECT_257+53_035.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN 17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER
DATE

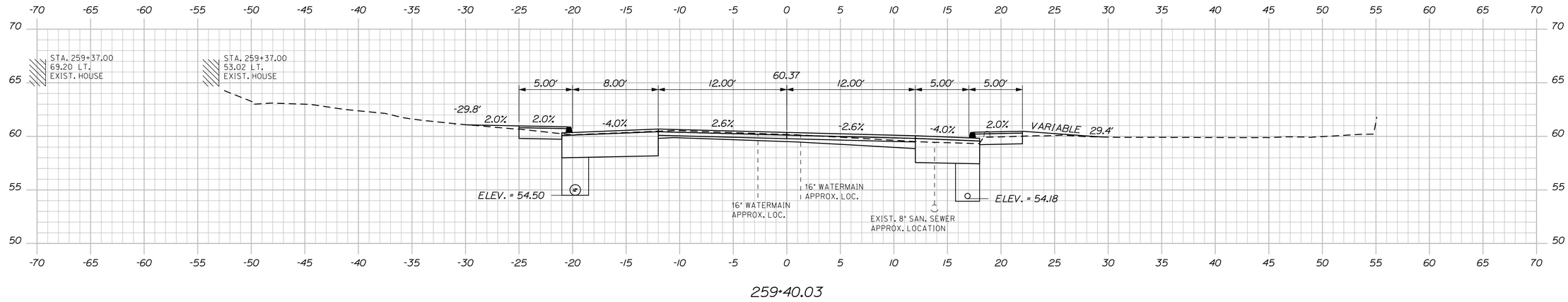
SEARSPORT
US ROUTE 1

CROSS SECTIONS

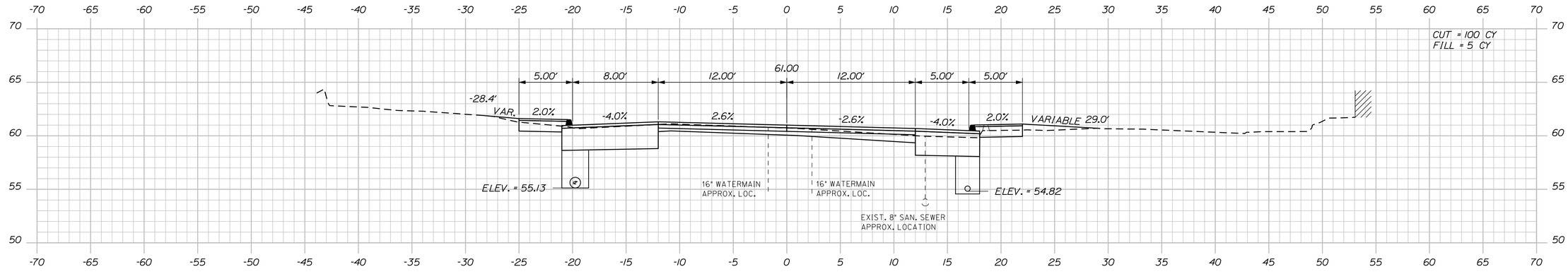
SHEET NUMBER
90
OF 292

Sta. 258+25.00 to Sta. 258+75.00

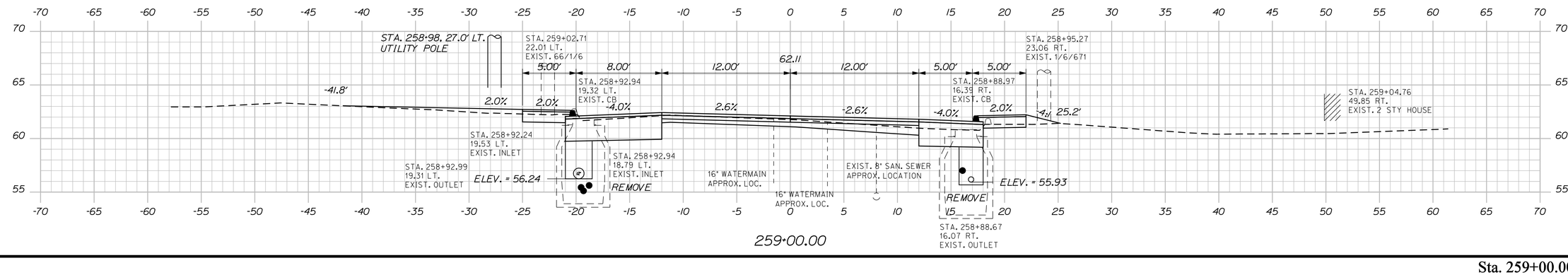
Filename: ...\mslo\090_XSECT_258+25_036.dgn Division: HIGHWAY Username: morin Date:4/25/2022



259+40.03



259+25.00



259+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

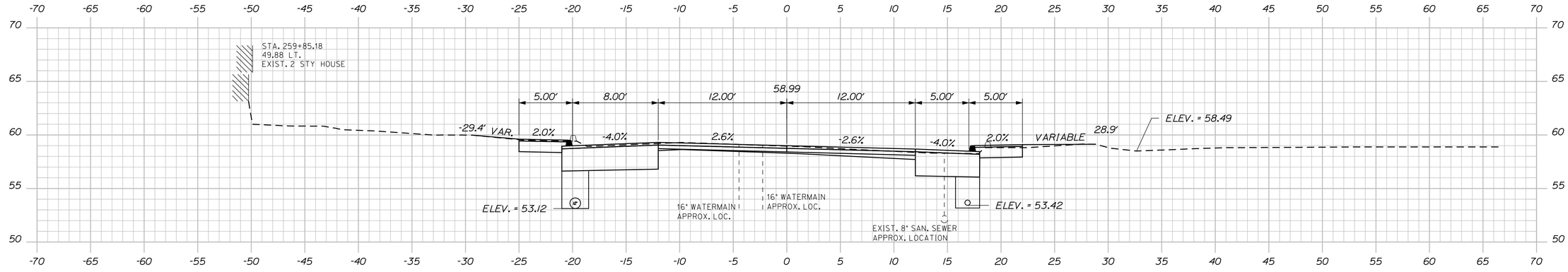
SHEET NUMBER

91

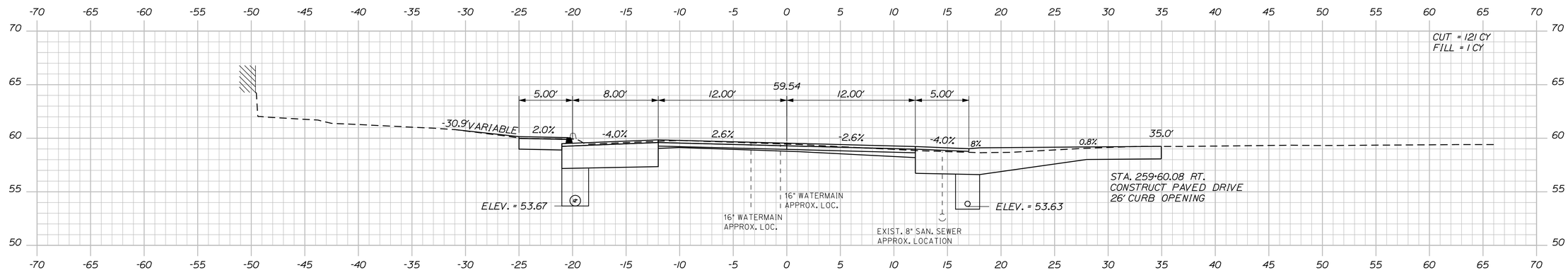
OF 292

Sta. 259+00.00 to Sta. 259+40.03

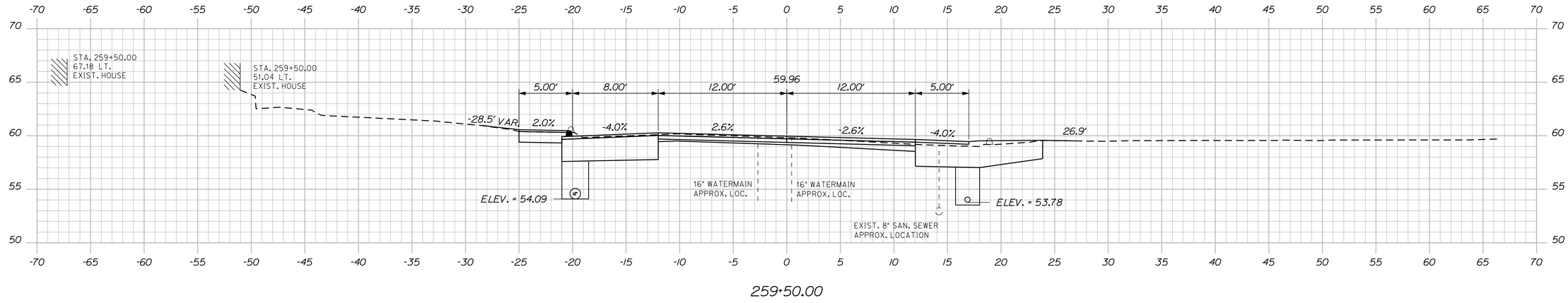
Filename: ...\msto\091_XSECT_259+00_037.dgn Division: HIGHWAY Username: morin Date:4/25/2022



259+75.00



259+60.57



259+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	ERNIE MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

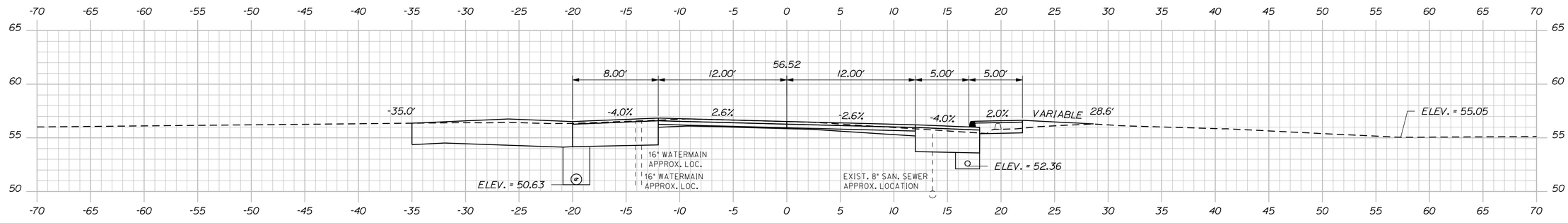
SHEET NUMBER

92

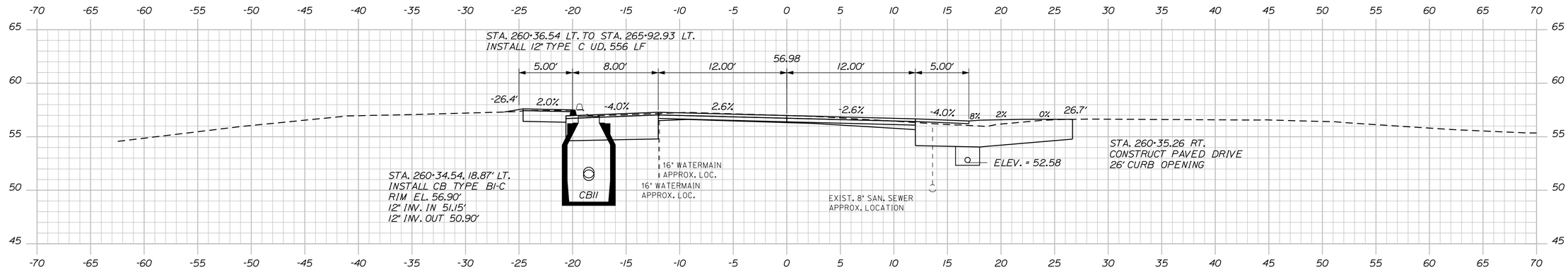
OF 292

Sta. 259+50.00 to Sta. 259+75.00

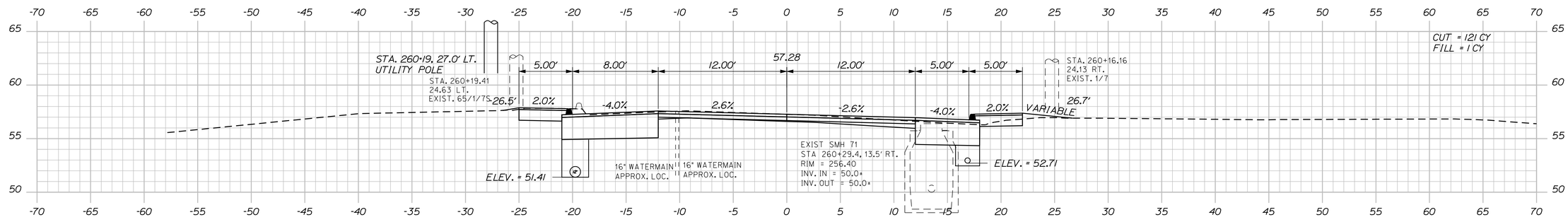
Filename: ...\mslo\092_XSECT_259+50_038.dgn Division: HIGHWAY Username: morin Date:4/25/2022



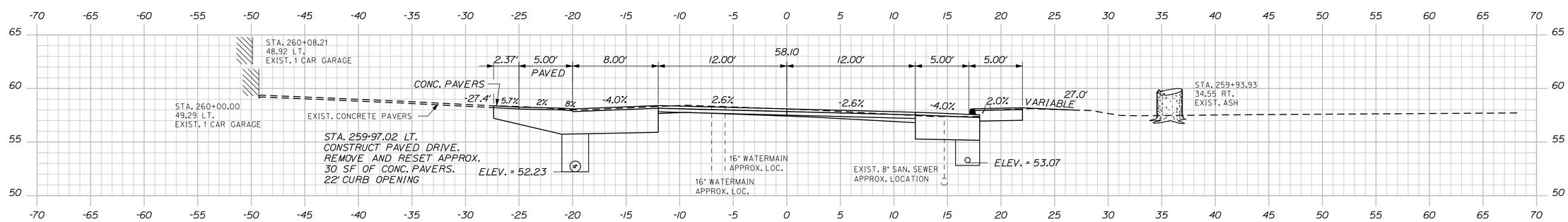
260+50.00



260+34.54



260+25.00



260+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

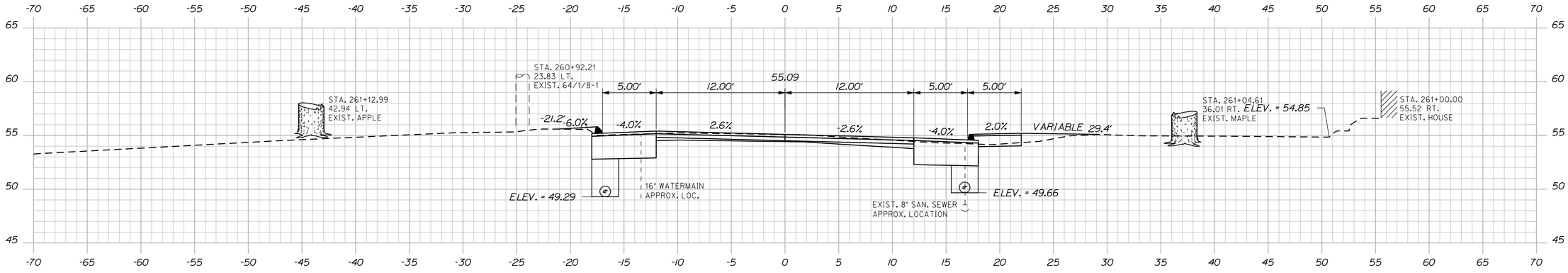
SEARSPORT
US ROUTE 1

CROSS SECTIONS

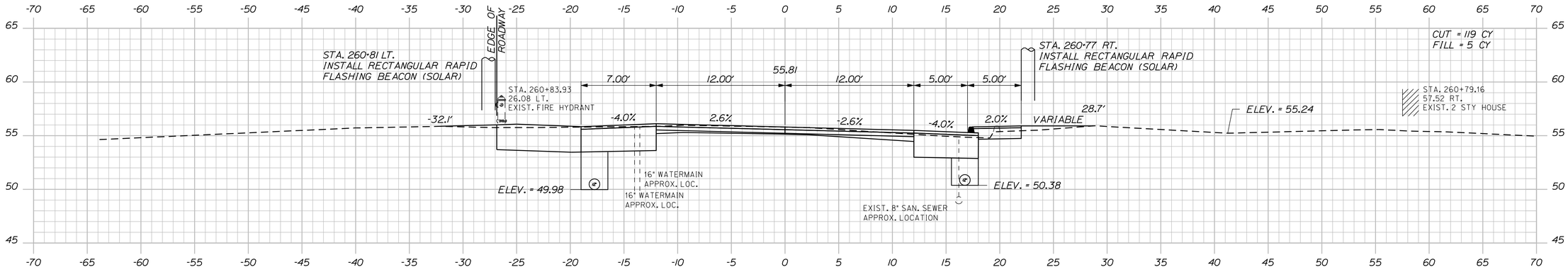
SHEET NUMBER
93
OF 292

Sta. 260+00.00 to Sta. 260+50.00

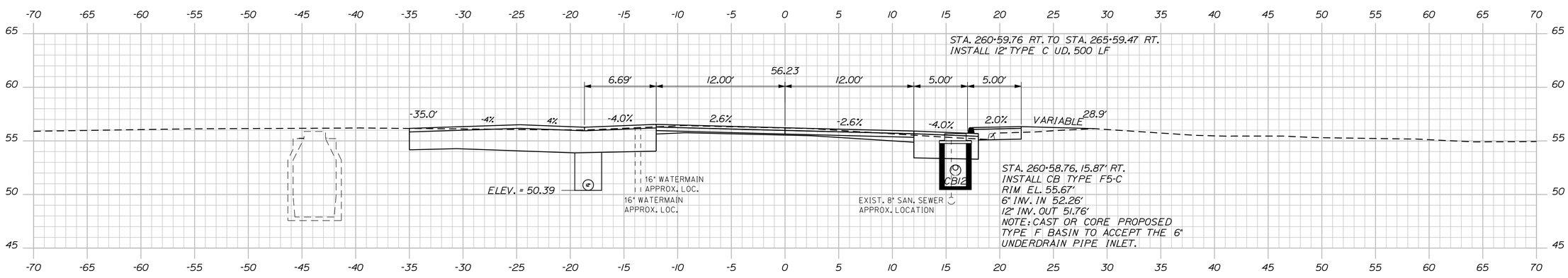
Filename: ...\mstoV093_XSECT_260+00_039.dgn Division: HIGHWAY Username: morin Date:4/25/2022



261+00.00



260+75.00



260+60.39

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

PROJ. MANAGER	ERNIE MARTIN	DATE
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

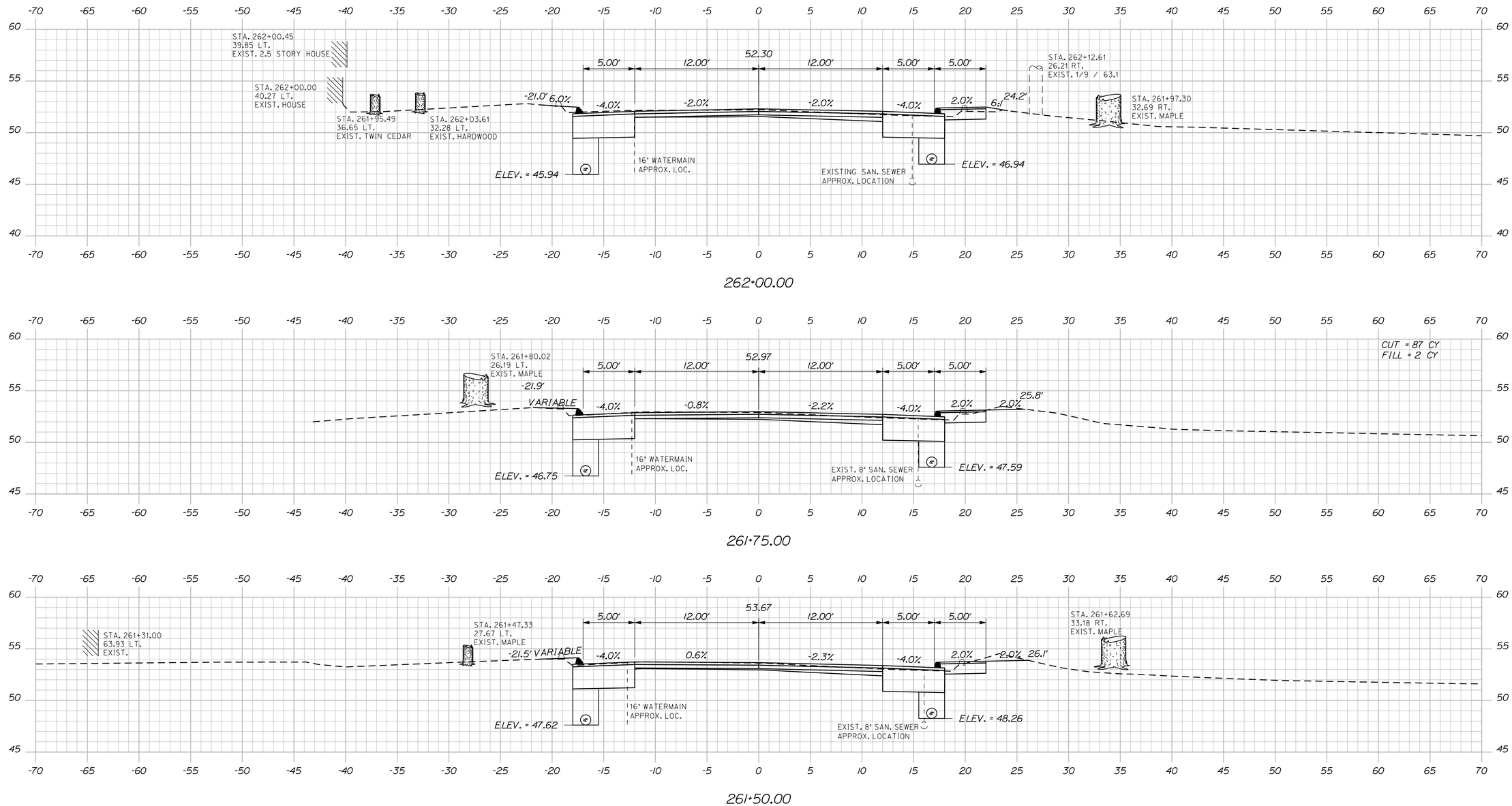
SHEET NUMBER

94

OF 292

Sta. 260+60.39 to Sta. 261+00.00

Filename: ...\MSTA\094_XSECT_260+60_040.dgn Division: HIGHWAY Username: morin Date:5/2/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

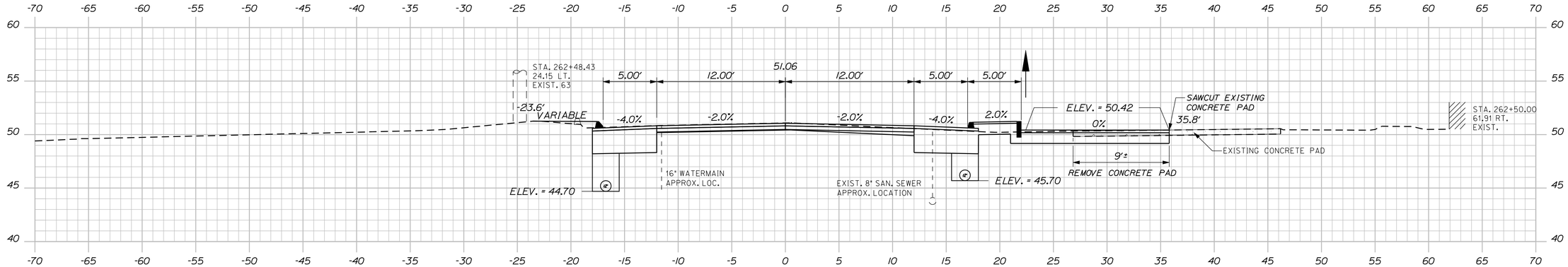
CROSS SECTIONS

SHEET NUMBER
95
OF 292

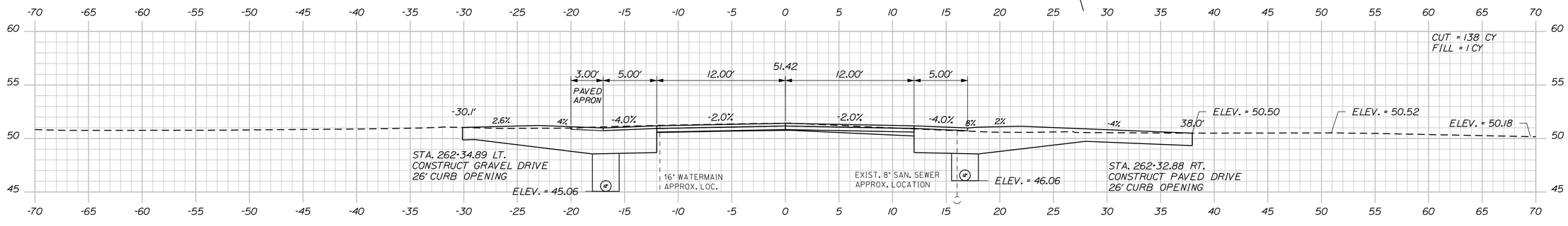
Sta. 261+25.00 to Sta. 262+00.00

Filename: ...\msta\095_XSECT_261+25_041.dgn Division: HIGHWAY Username: morin Date:4/25/2022

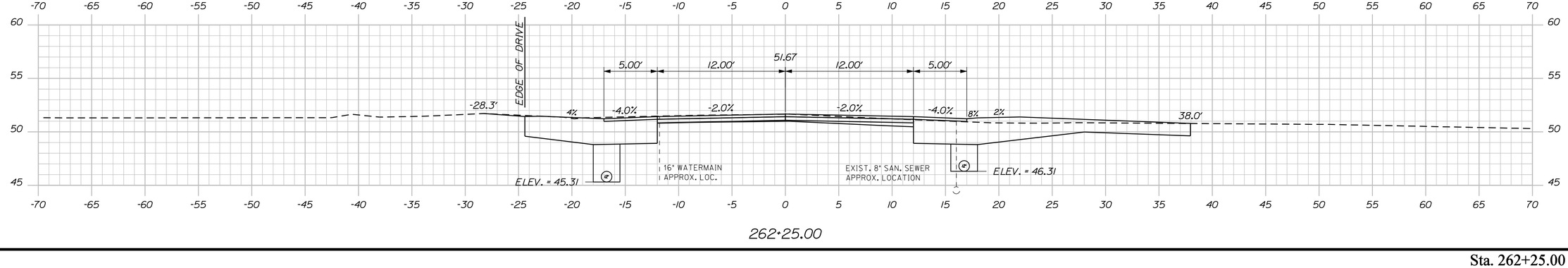
Filename: ...\msta\096_XSECT_262+25_042.dgn Division: HIGHWAY Username: morin Date:4/25/2022



262+50.00



262+35.00



262+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	4-22	
CHECKED-REVIEWED	ALG	4-22	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

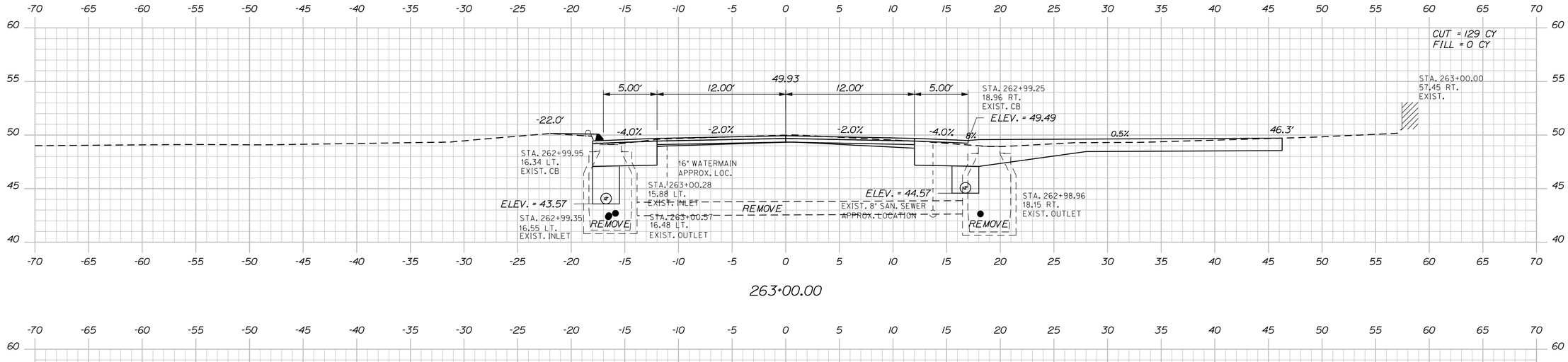
CROSS SECTIONS

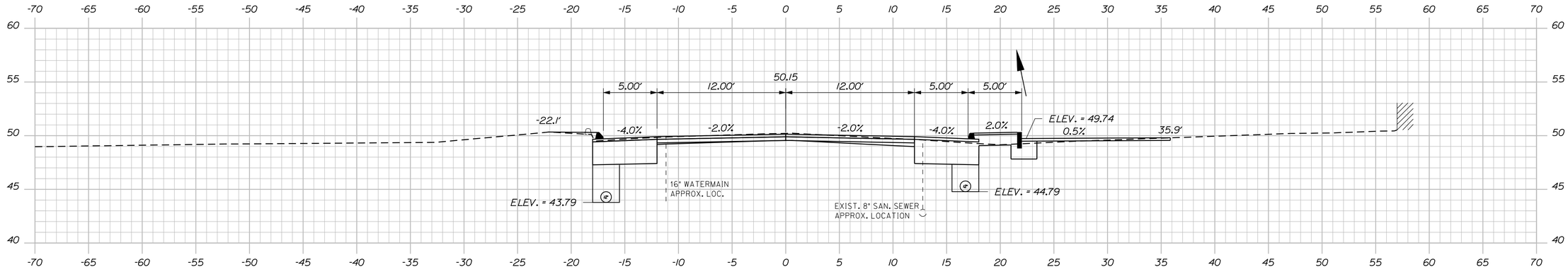
SHEET NUMBER

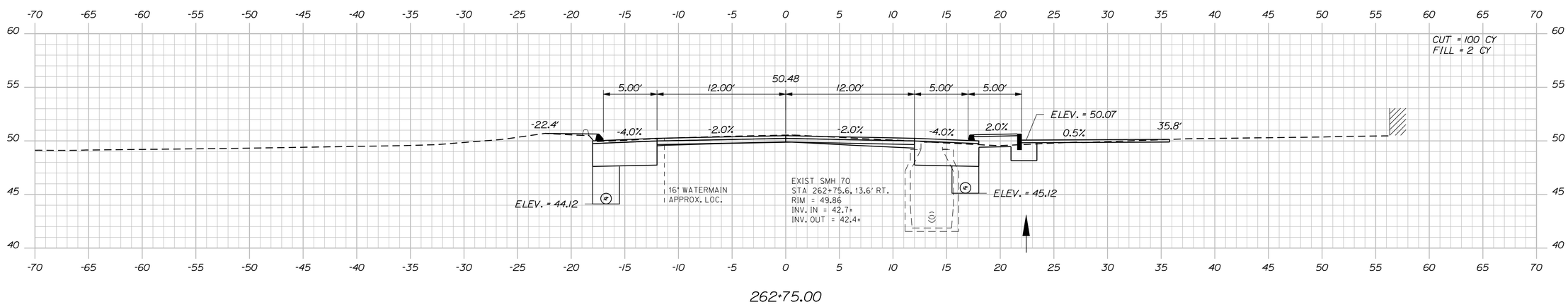
96

OF 292

Sta. 262+25.00 to Sta. 262+50.00







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	4-22	
CHECKED-REVIEWED	ALC	4-22	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

97

OF 292

Sta. 262+75.00 to Sta. 263+00.00

Filename: ...\mslo\097_XSECT_262-75_043.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

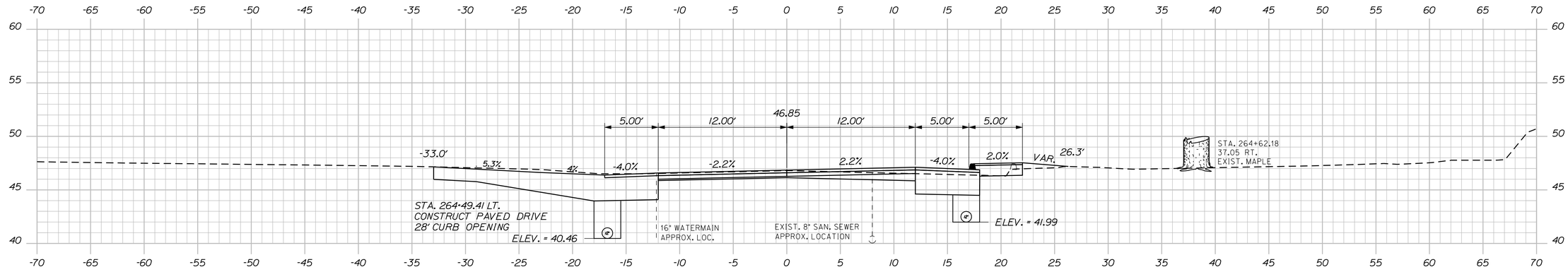
SHEET NUMBER

98

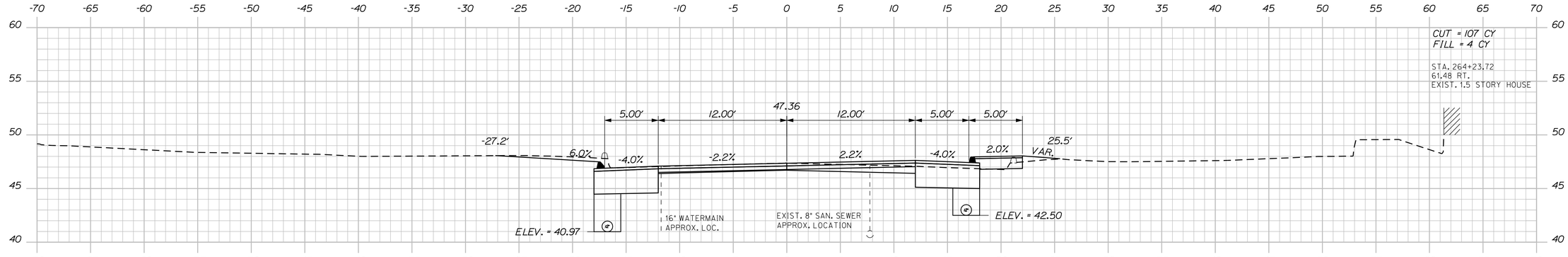
OF 292

Sta. 263+25.00 to Sta. 263+75.00

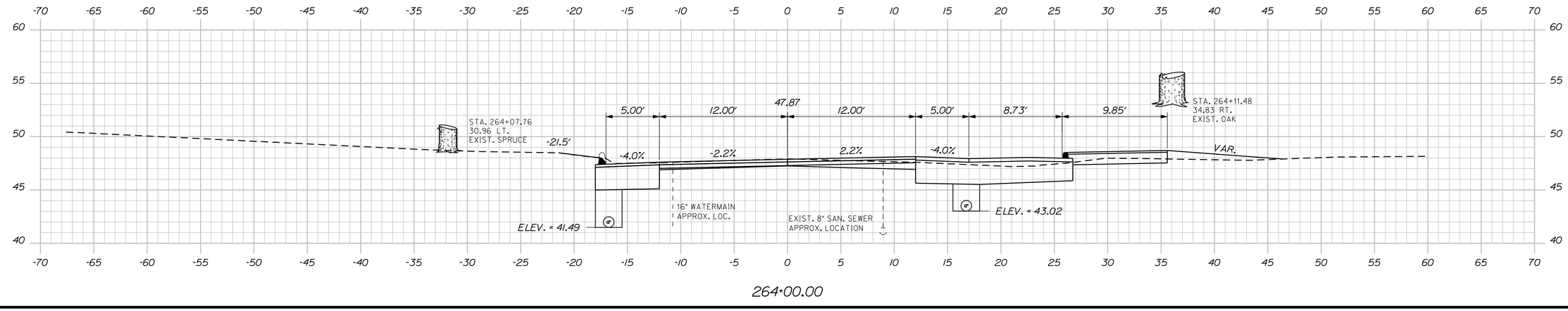
Filename: ...\mst0\098_XSECT_263+25_044.dgn Division: HIGHWAY Username: morin Date:4/25/2022



264+50.00



264+25.00



264+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

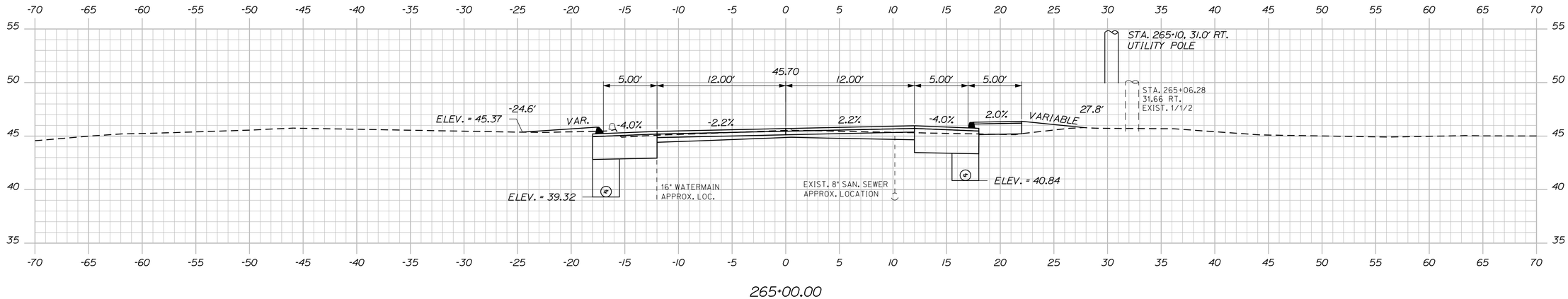
SEARSPORT
US ROUTE 1

CROSS SECTIONS

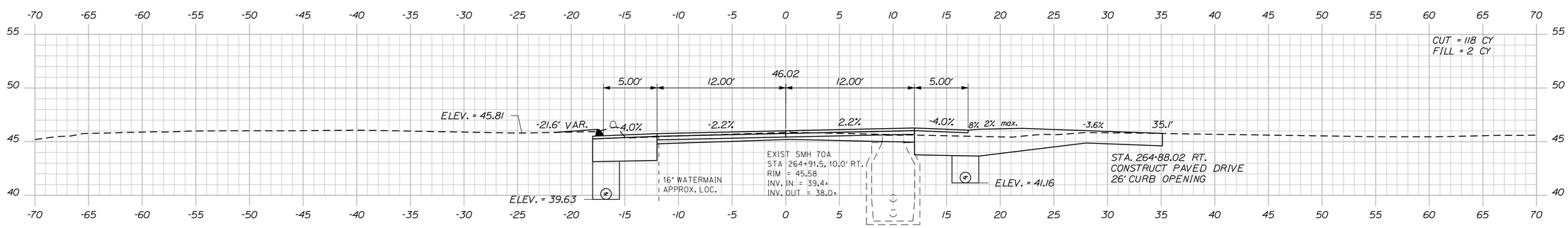
SHEET NUMBER
99
OF 292

Sta. 264+00.00 to Sta. 264+50.00

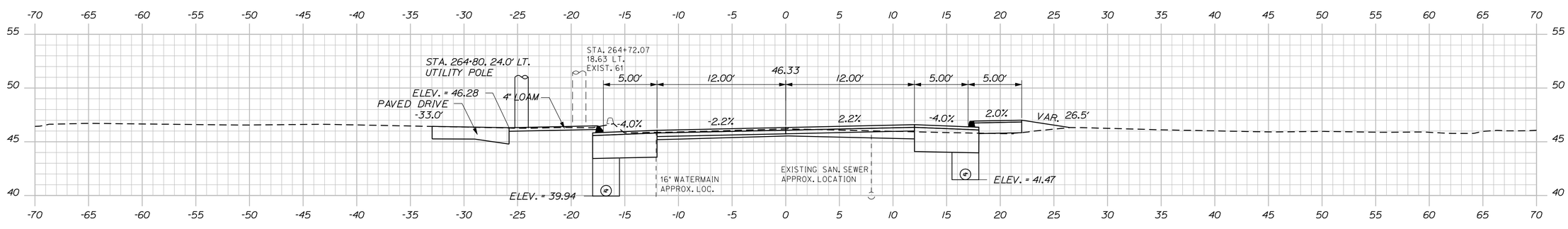
Filename: ...\mst01\099_XSECT_264+00_045.dgn Division: HIGHWAY Username: morin Date:4/25/2022



265+00.00



264+88.02



264+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

100

OF 292

Sta. 264+75.00 to Sta. 265+00.00

Filename: ...\msta\100_XSECT_264+75_046.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

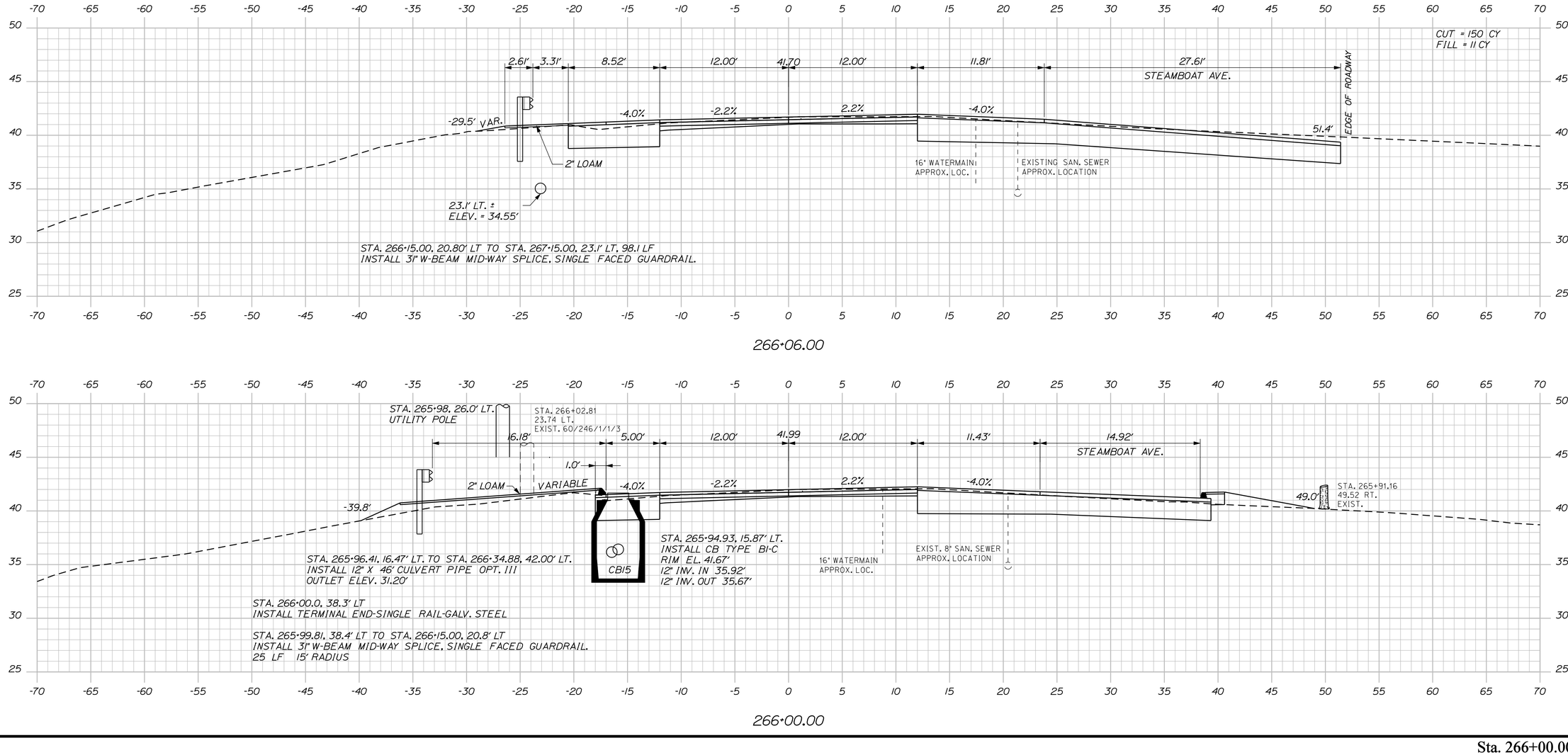
SHEET NUMBER

101

OF 292

Sta. 265+25.00 to Sta. 265+75.00

Filename: ...\mst01\101_XSECT_265+25_047.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

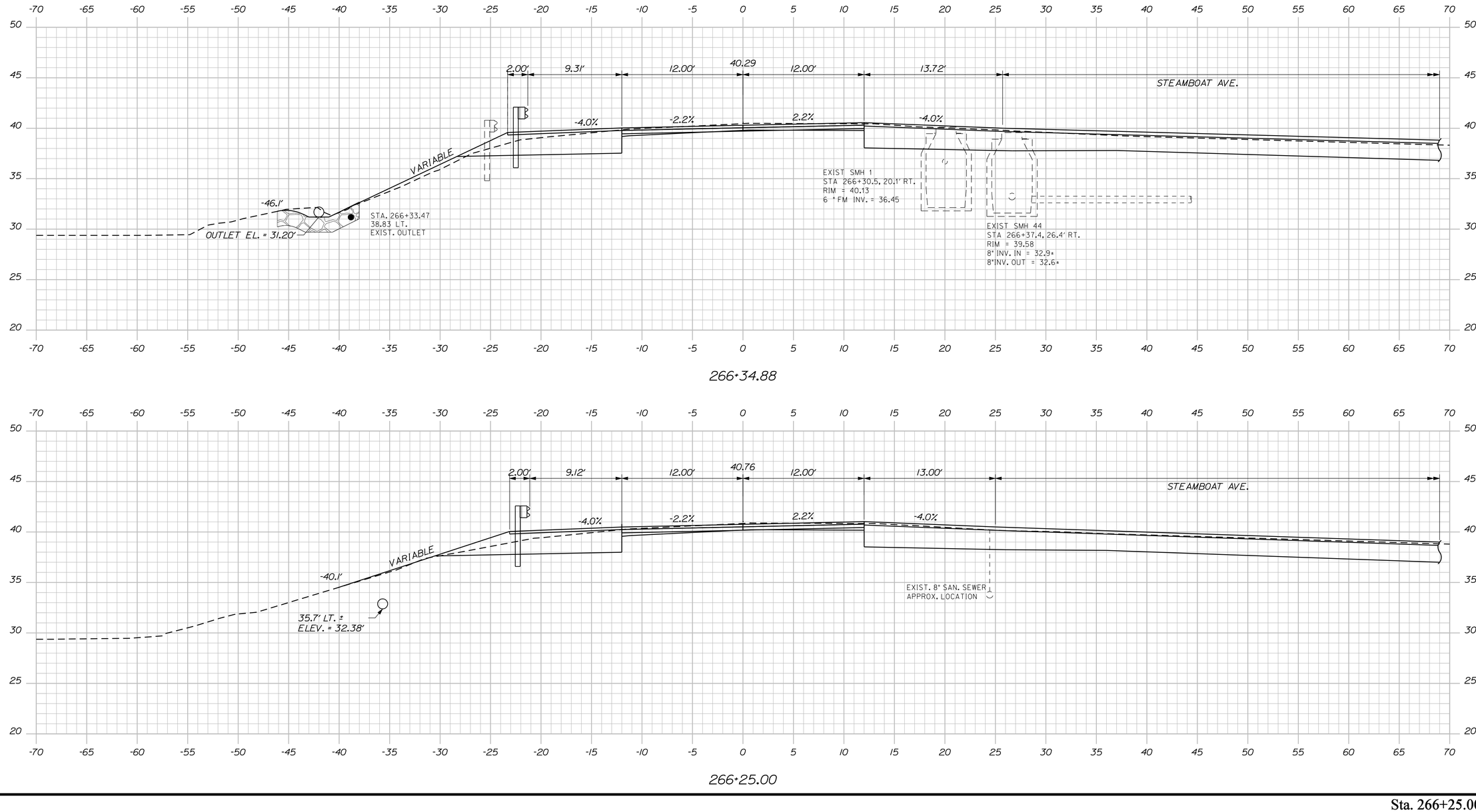
SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
102
OF 292

Sta. 266+00.00 to Sta. 266+06.00

Filename: ...\mst01\102_XSECT_266+00_048.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

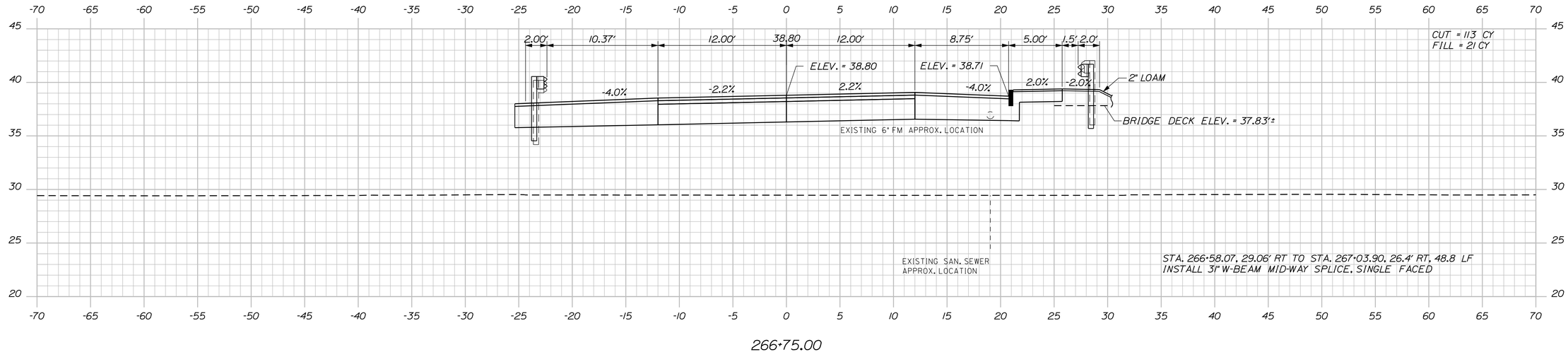
CROSS SECTIONS

SHEET NUMBER
103
OF 292

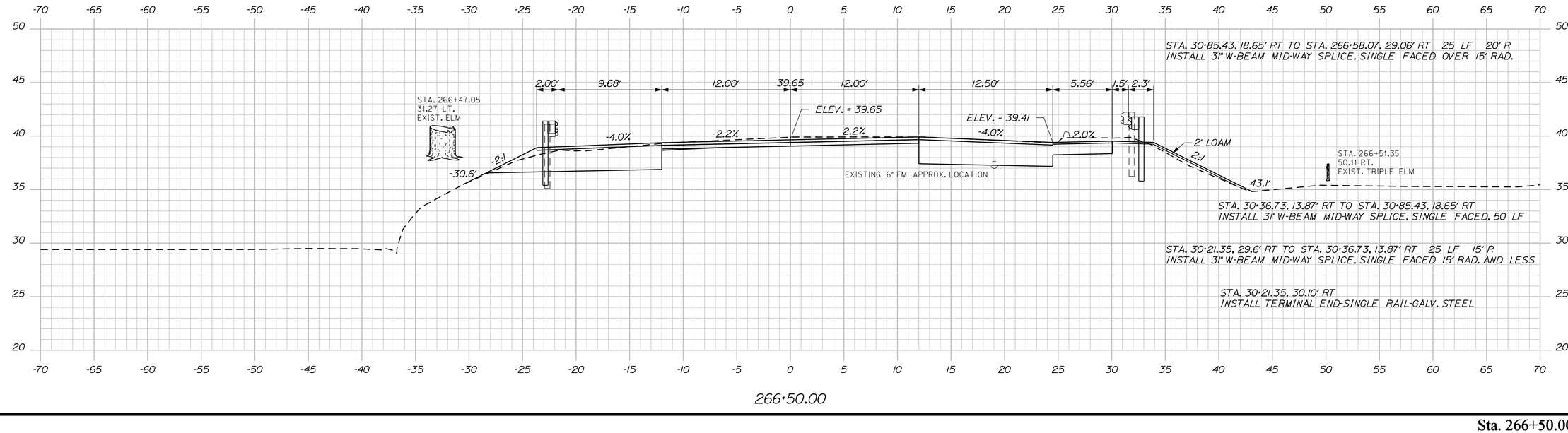
Sta. 266+25.00 to Sta. 266+34.88

Filename: ...\mst01\103_XSECT_266+25_049.dgn Division: HIGHWAY Username: morin Date:4/25/2022

Filename: ...\mst01\104_XSECT_266+50_050.dgn Division: HIGHWAY Username: morin Date:4/25/2022



266+75.00



266+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

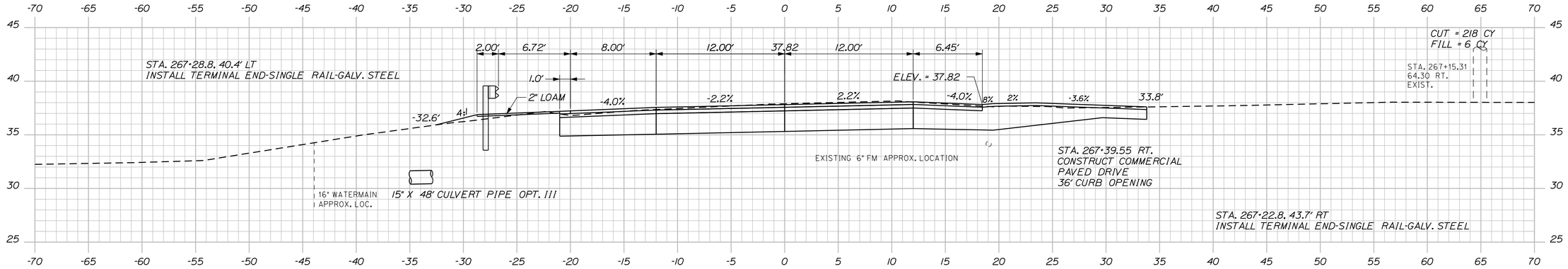
DATE

SEARSPORT
US ROUTE 1

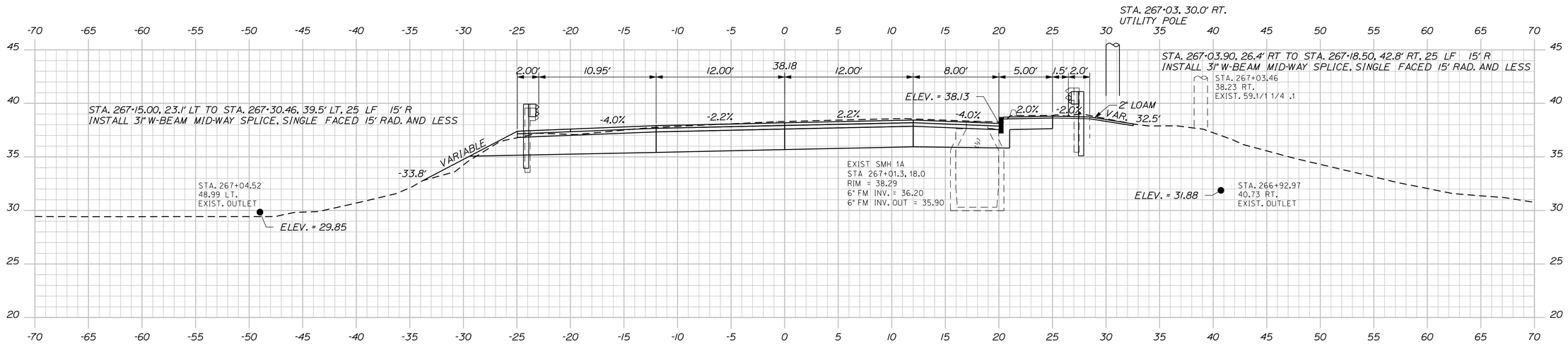
CROSS SECTIONS

SHEET NUMBER
104
OF 292

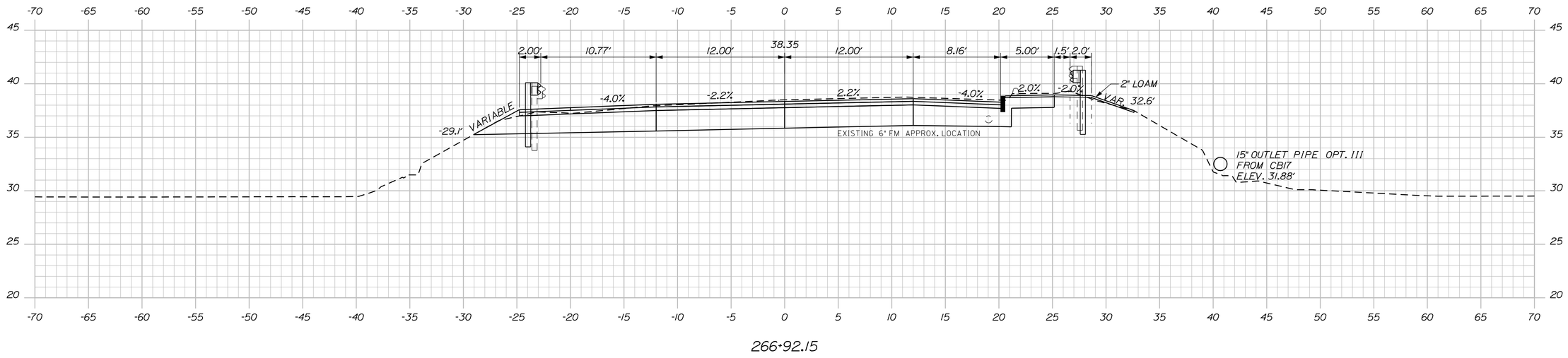
Sta. 266+50.00 to Sta. 266+75.00



267+25.00



267+00.00



266+92.15

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
105
OF 292

Sta. 266+92.15 to Sta. 267+25.00

Filename: ...\msta\105_XSECT_266+92_051.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	SIGNATURE	DATE
	4226	
P.E. NUMBER		

	BY	DATE
ERNIE MARTIN	MSM	4-22
PROJ. MANAGER	MSM	4-22
DESIGN-DETAILED	ALC	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

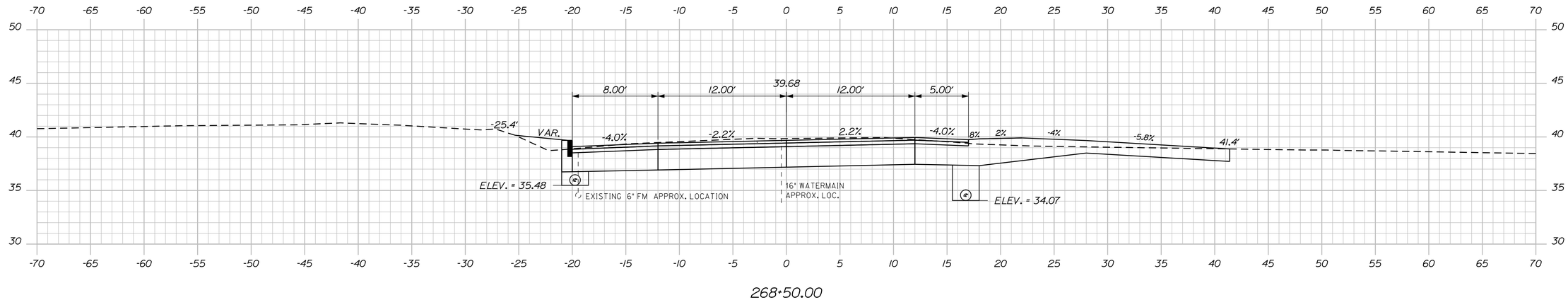
SHEET NUMBER

106

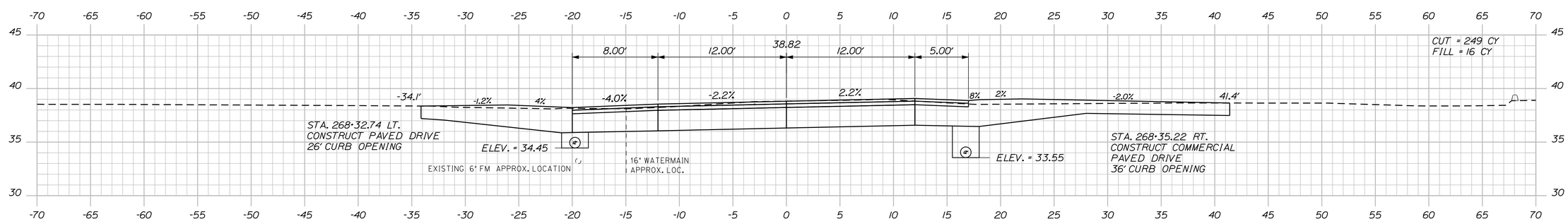
OF 292

Sta. 267+50.00 to Sta. 267+75.00

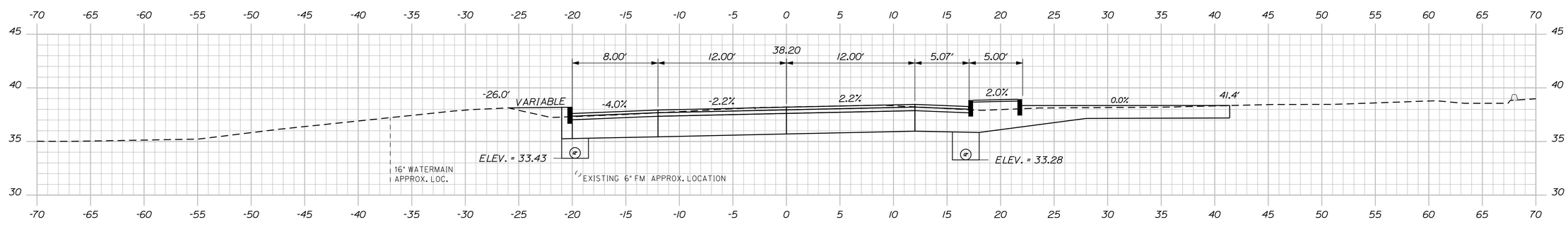
Filename: ...\MSTA\106_XSECT_267+50_169.dgn Division: HIGHWAY Username: morin Date:5/17/2022



268+50.00



268+25.00



268+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

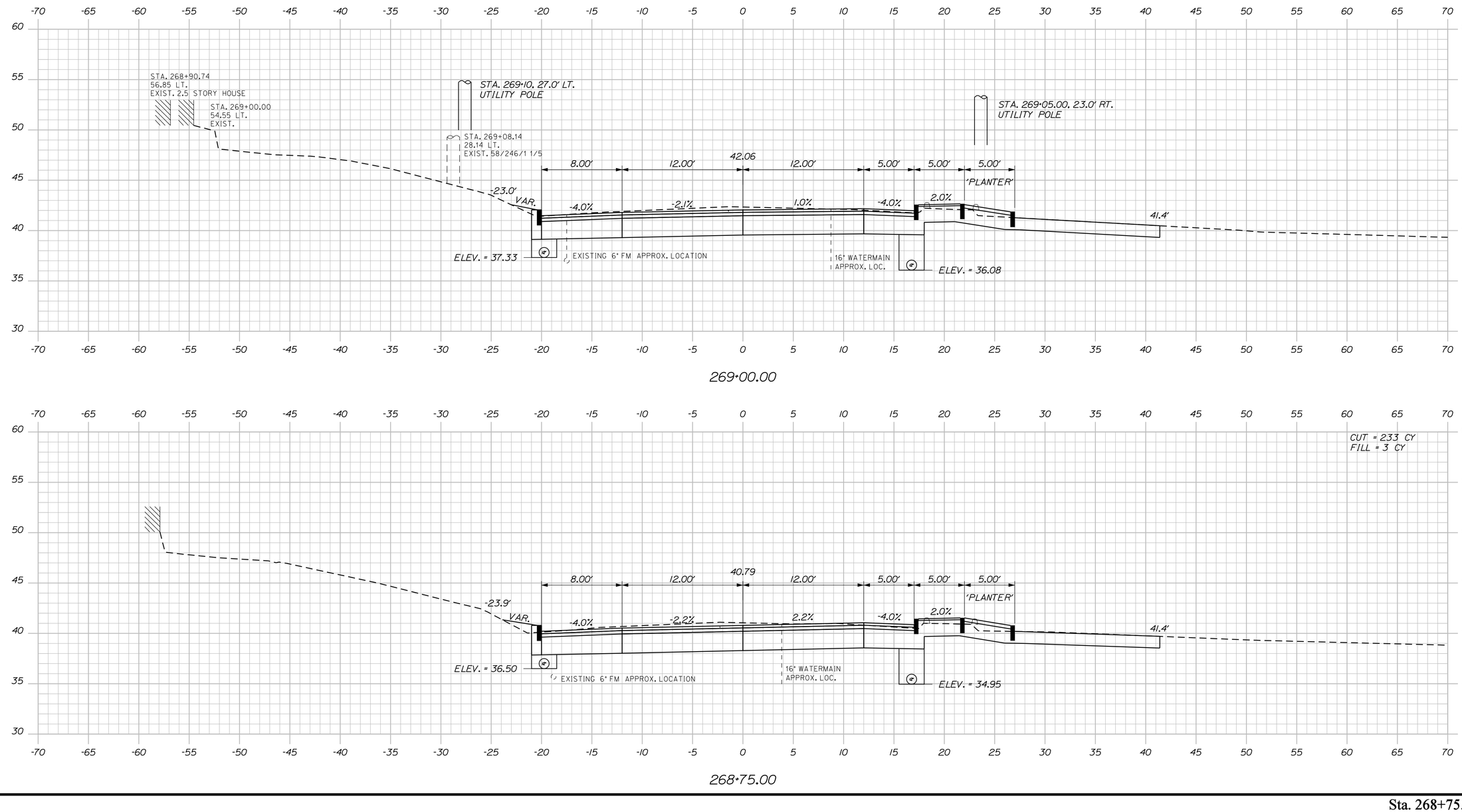
SHEET NUMBER

107

OF 292

Sta. 268+00.00 to Sta. 268+50.00

Filename: ...\msto\107_XSECT_268+00_052.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

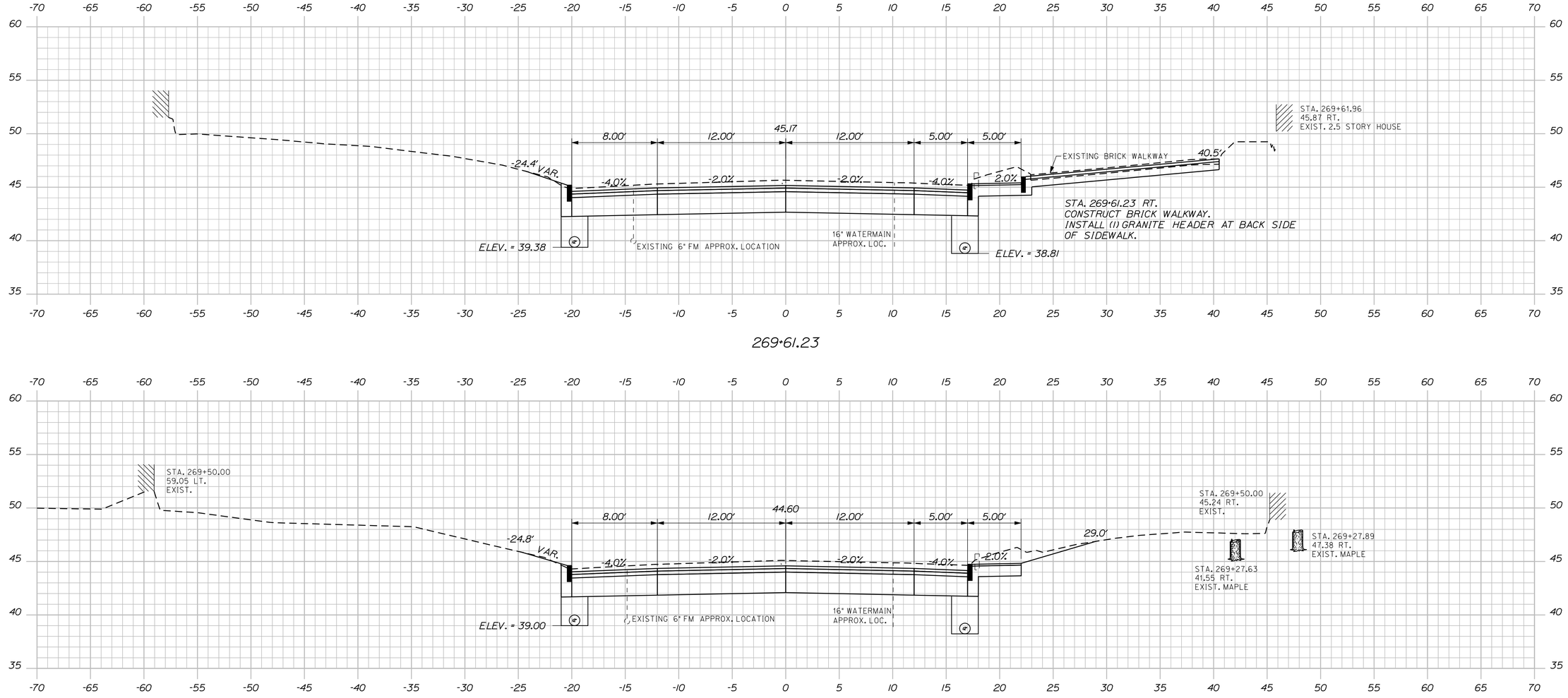
SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
108
OF 292

Sta. 268+75.00 to Sta. 269+00.00

Filename: ...\mst01\108_XSECT_268+75_053.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

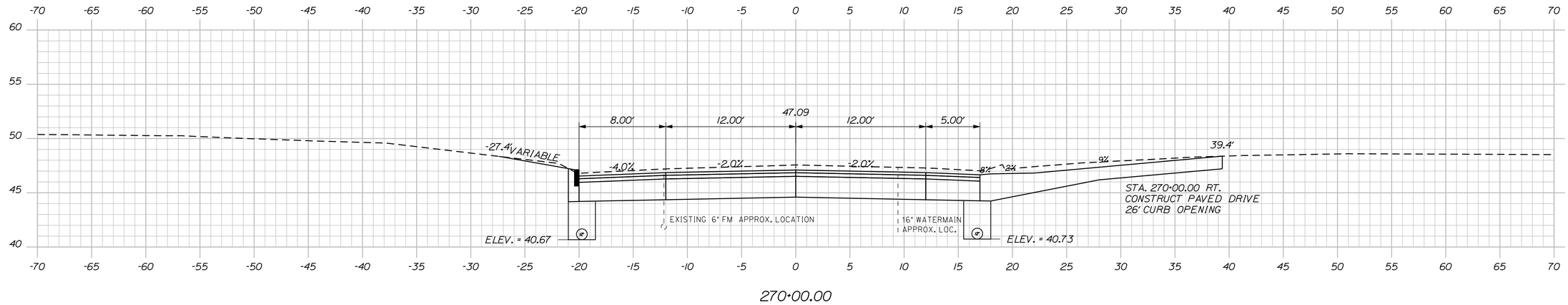
SHEET NUMBER

109

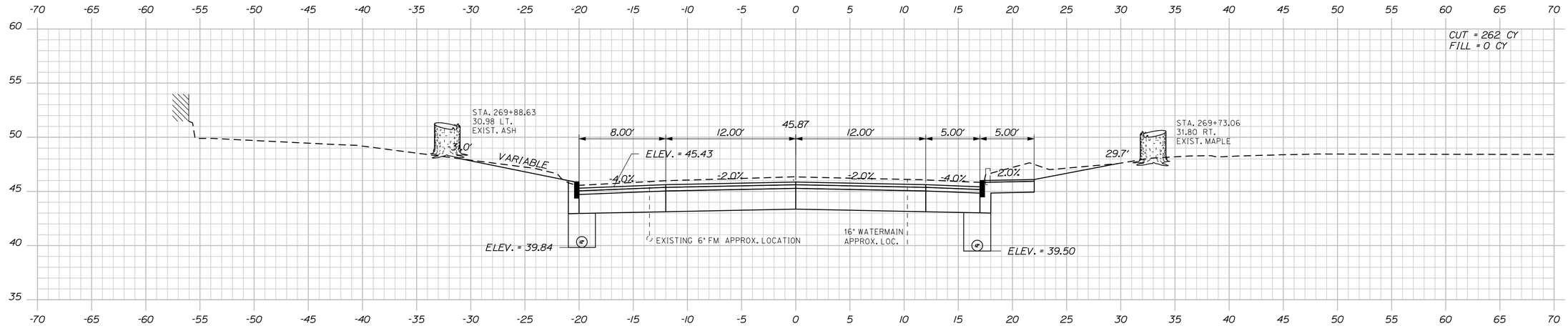
OF 292

Sta. 269+25.00 to Sta. 269+61.23

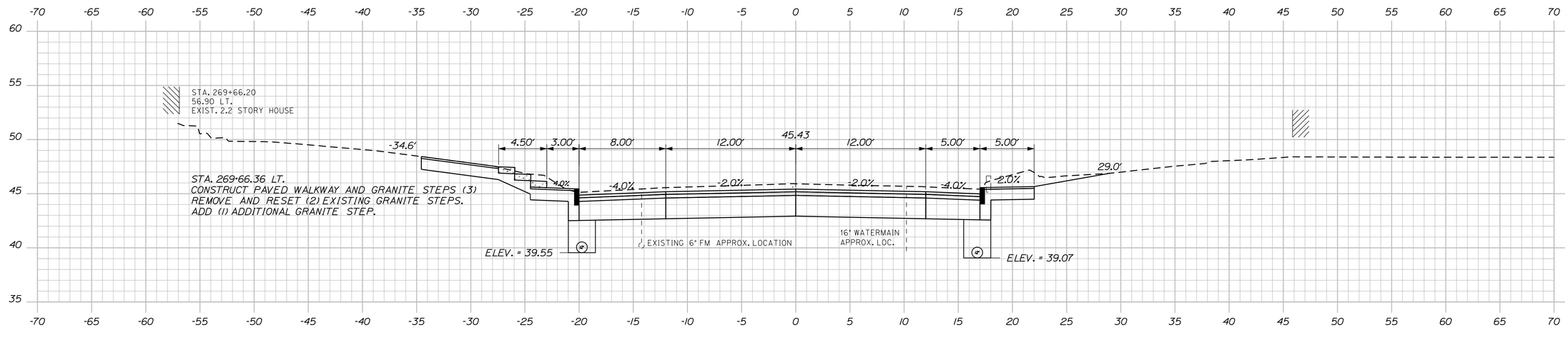
Filename: ...\mslo\109_XSECT_269+25_054.dgn Division: HIGHWAY Username: morin Date:4/25/2022



270+00.00



269+75.00



269+66.36

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

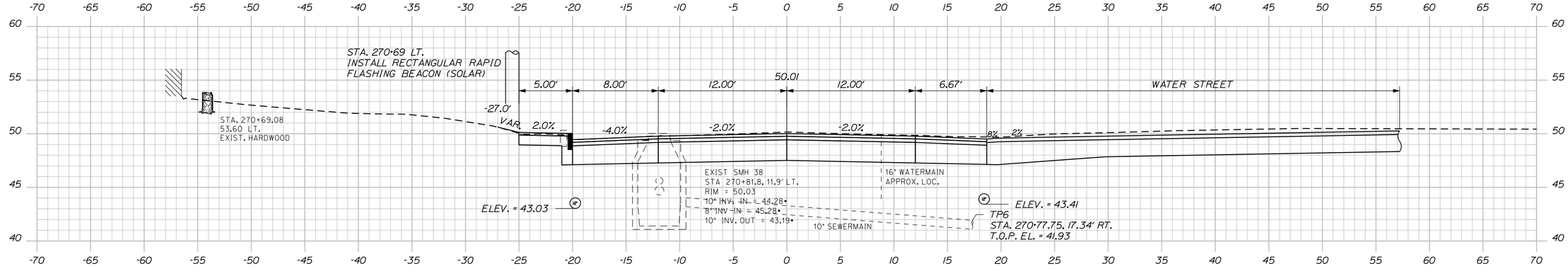
SEARSPORT
US ROUTE 1

CROSS SECTIONS

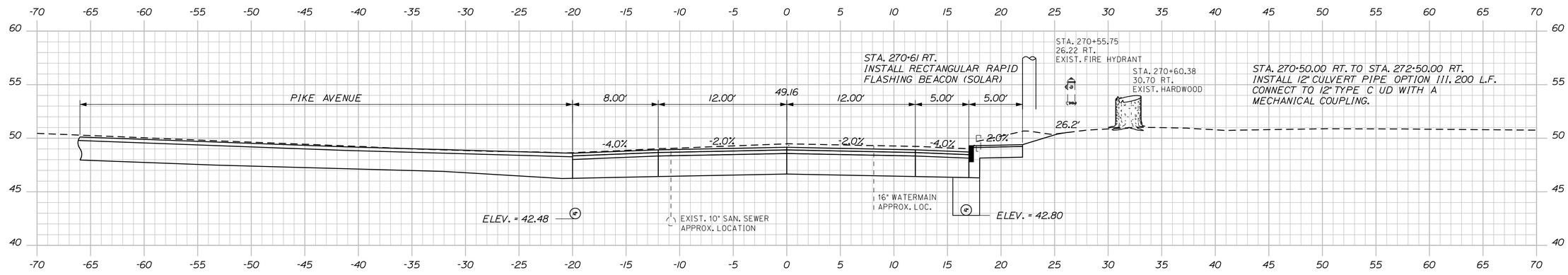
SHEET NUMBER
110
OF 292

Sta. 269+66.36 to Sta. 270+00.00

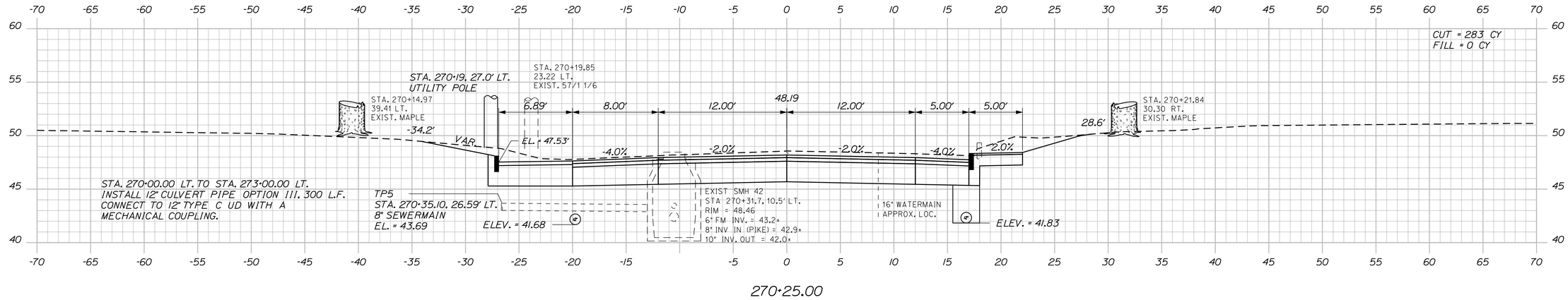
Filename: ...\mst01\110_XSECT_269+66_055.dgn Division: HIGHWAY Username: morin Date:4/25/2022



270+75.00



270+50.00



270+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226
P.E. NUMBER
DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
111
OF 292

Sta. 270+25.00 to Sta. 270+75.00

Filename: ...\MSTA\111_XSECT_270+25_056.dgn Division: HIGHWAY Username: morin Date:5/17/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

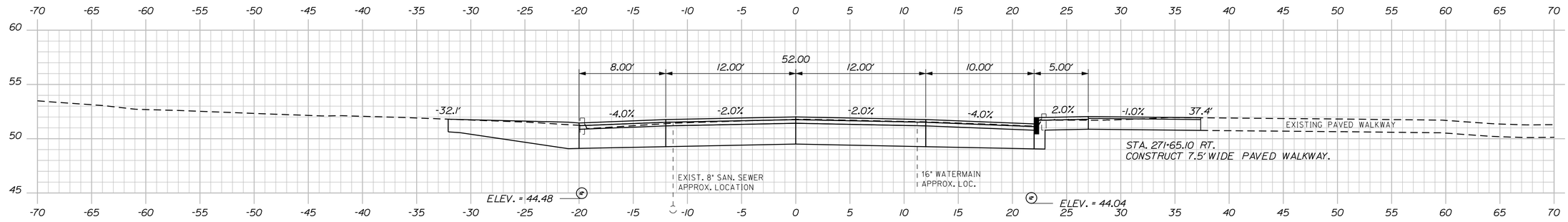
SEARSPORT
US ROUTE 1

CROSS SECTIONS

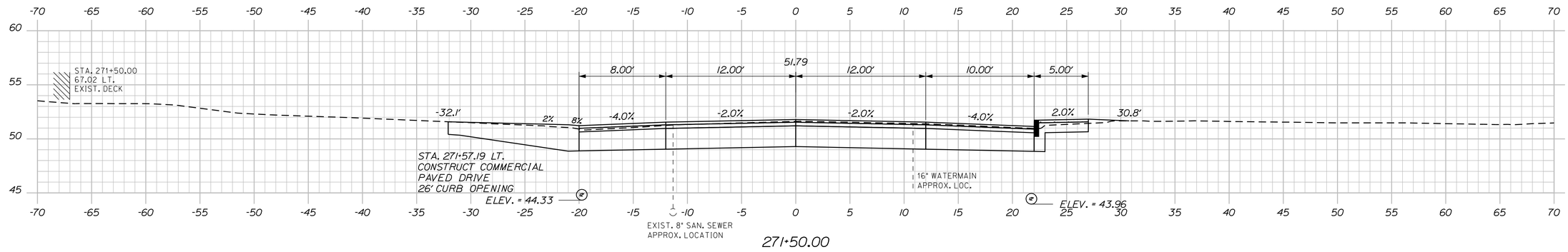
SHEET NUMBER
112
OF 292

Sta. 270+95.36 to Sta. 271+13.32

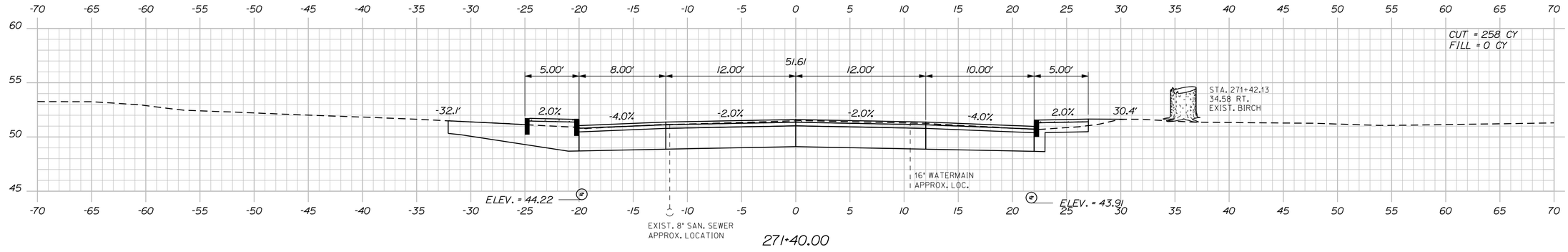
Filename: ...\MSTA\112_XSECT_270+95_057.dgn Division: HIGHWAY Username: morin Date:5/17/2022



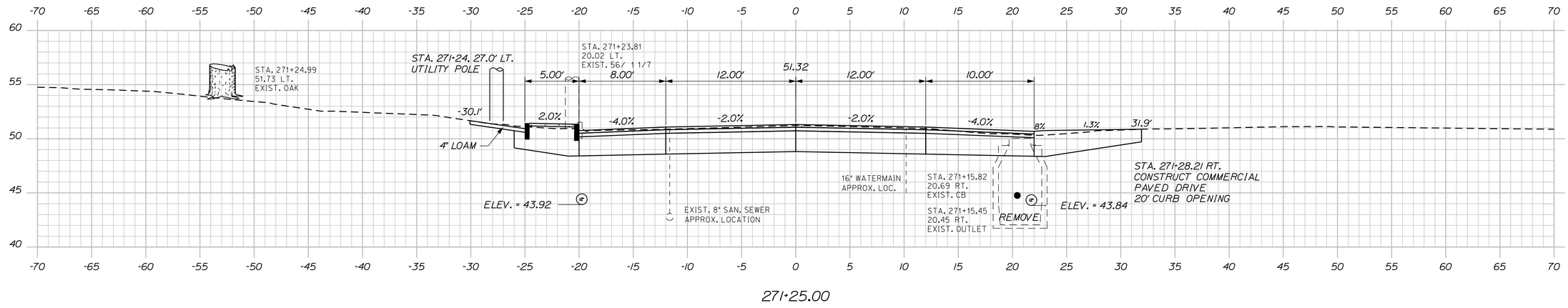
271+65.10



271+50.00



271+40.00



271+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

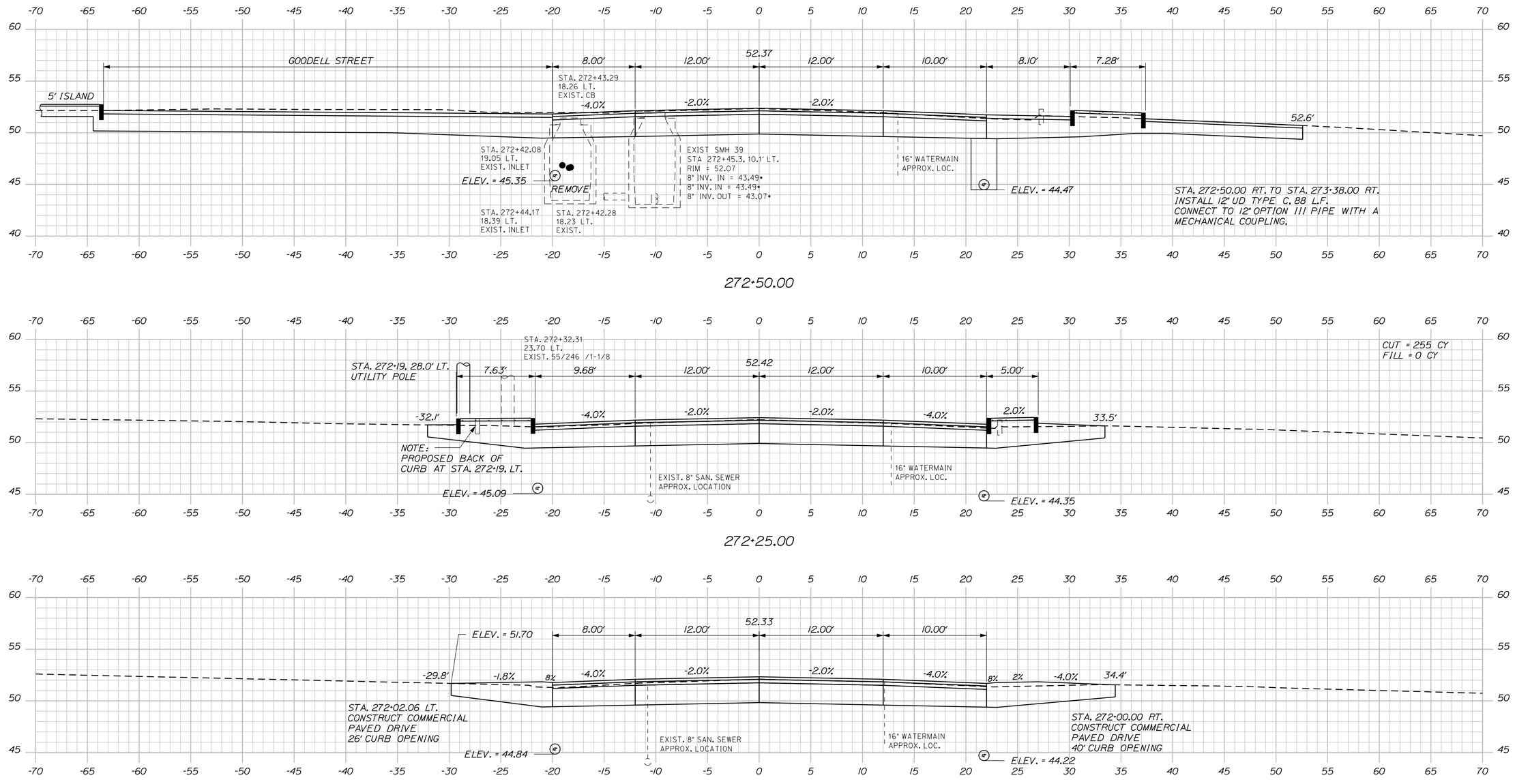
SHEET NUMBER

113

OF 292

Sta. 271+25.00 to Sta. 271+65.10

Filename: ...\MSTA\113_XSECT_271+25_058.dgn Division: HIGHWAY Username: morin Date:5/17/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

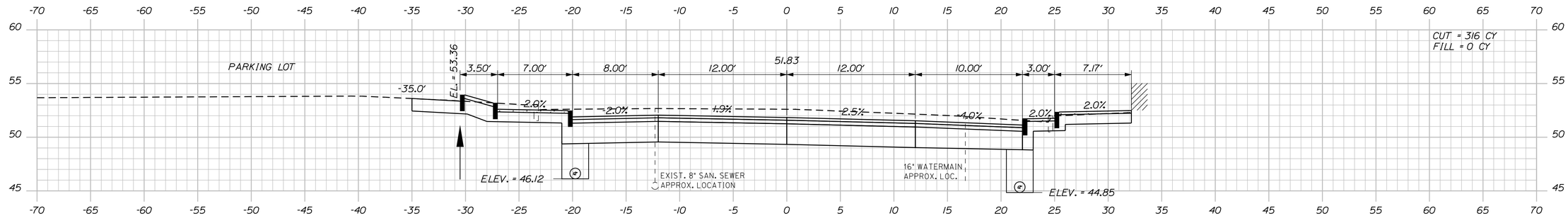
SEARSPORT
US ROUTE 1

CROSS SECTIONS

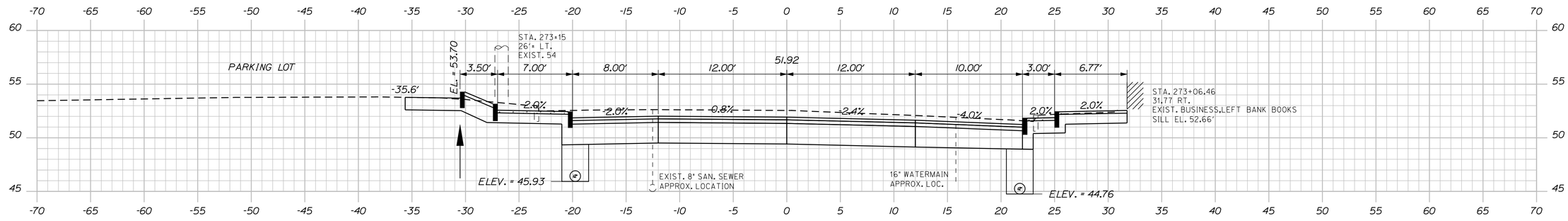
SHEET NUMBER
114
OF 292

Sta. 271+75.00 to Sta. 272+50.00

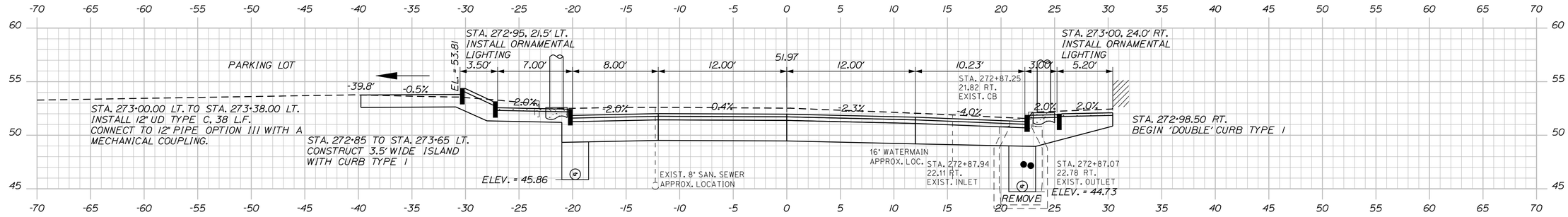
Date:5/18/2022
Username: morin
Division: HIGHWAY
Filename: ...\MSTA\114_XSECT_271+75_059.dgn



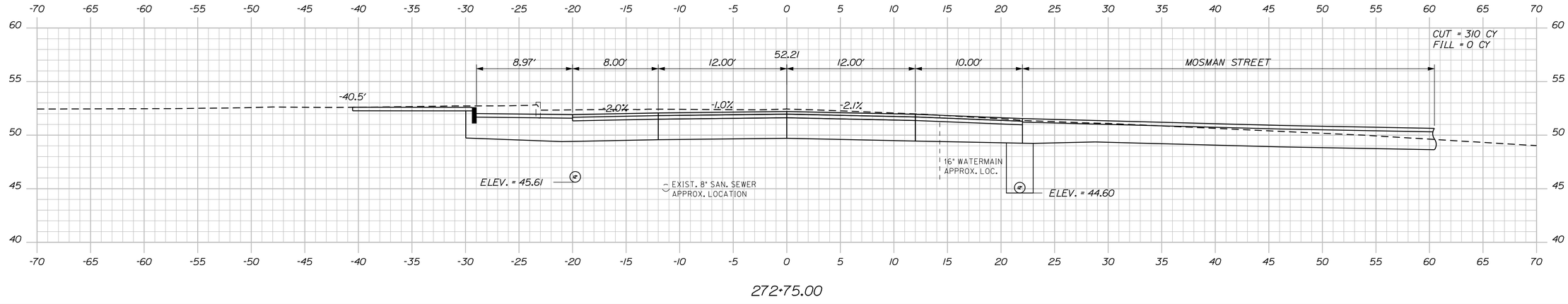
273+25.00



273+06.46



273+00.00



272+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	MSM
CHECKED-REVIEWED	ALC	DATE	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

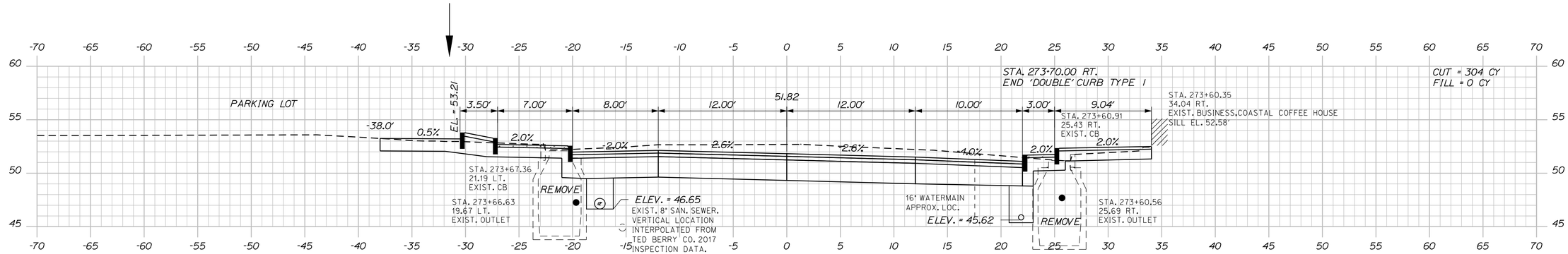
SEARSPORT
US ROUTE 1

CROSS SECTIONS

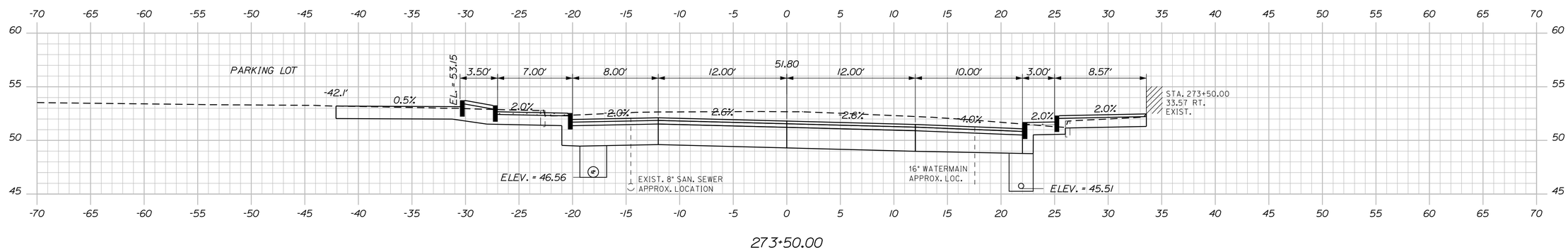
SHEET NUMBER
115
OF 292

Sta. 272+75.00 to Sta. 273+25.00

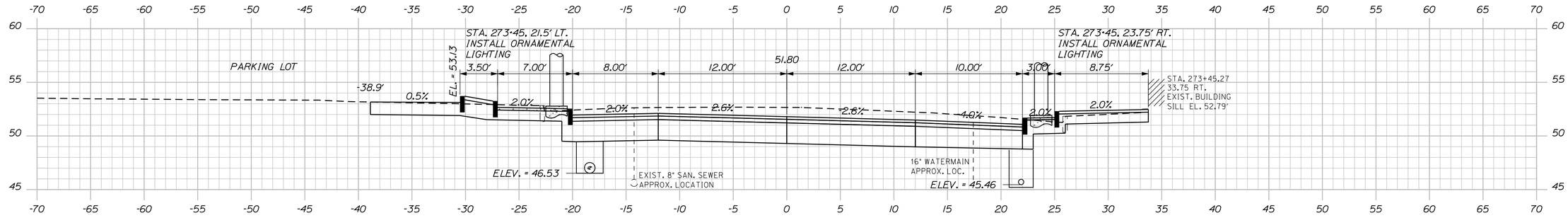
Filename: ...\MSTA\115_XSECT_272+75_060.dgn Division: HIGHWAY Username: morin Date:5/18/2022



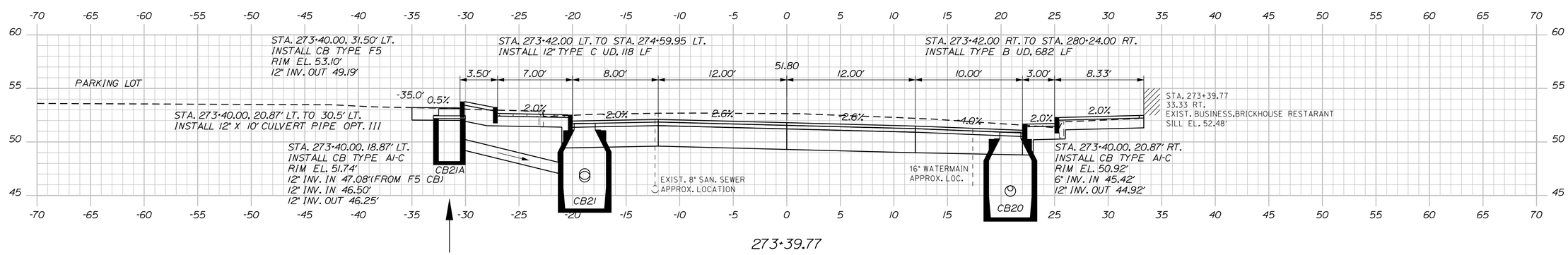
273+60.35



273+50.00



273+45.27



273+39.77

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	ERNIE MARTIN	BY	
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

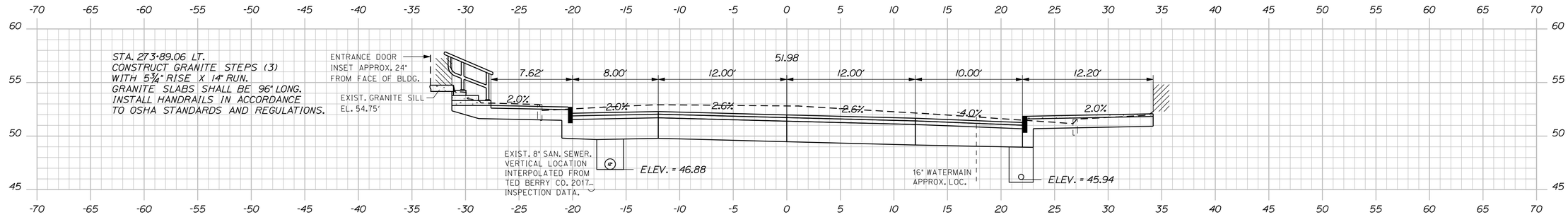
SEARSPORT
US ROUTE 1

CROSS SECTIONS

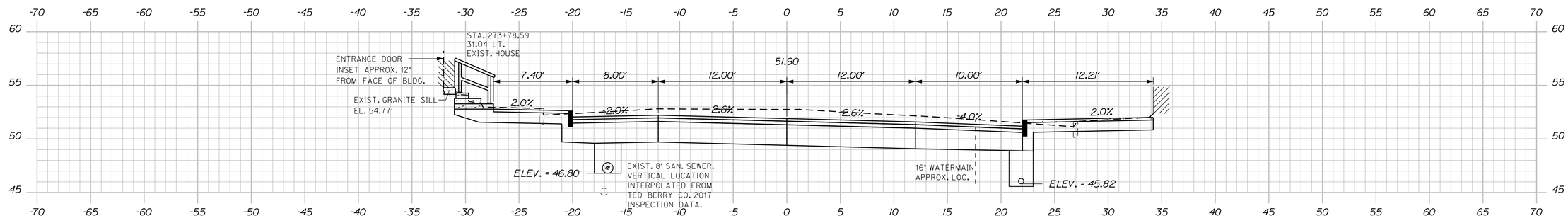
SHEET NUMBER
116
OF 292

Sta. 273+39.77 to Sta. 273+60.35

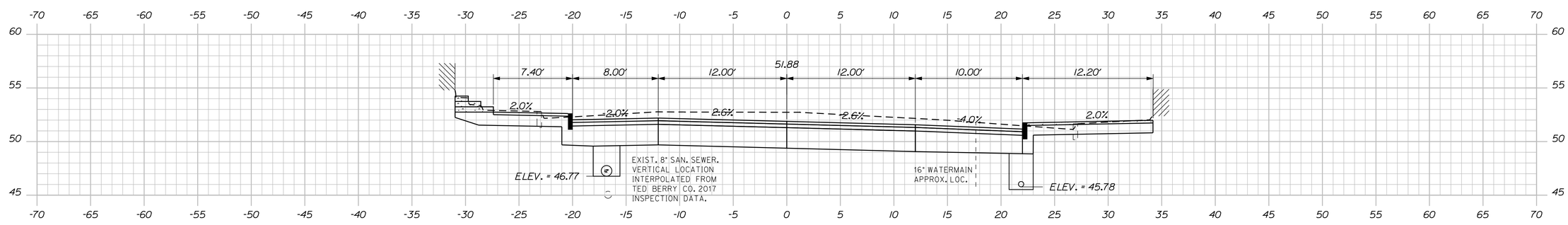
Filename: ...\msta\116_XSECT_273+39_061.dgn Division: HIGHWAY Username: morin Date:4/25/2022



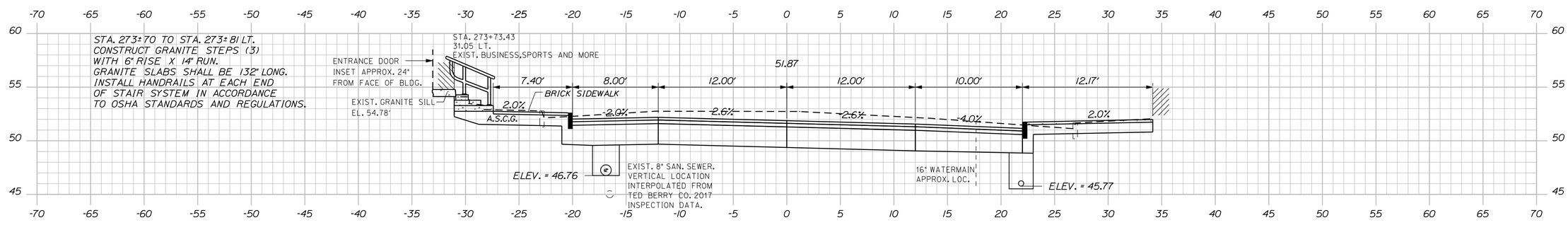
273+89.06



273+78.59



273+75.00



273+73.43

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	ERNIE MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

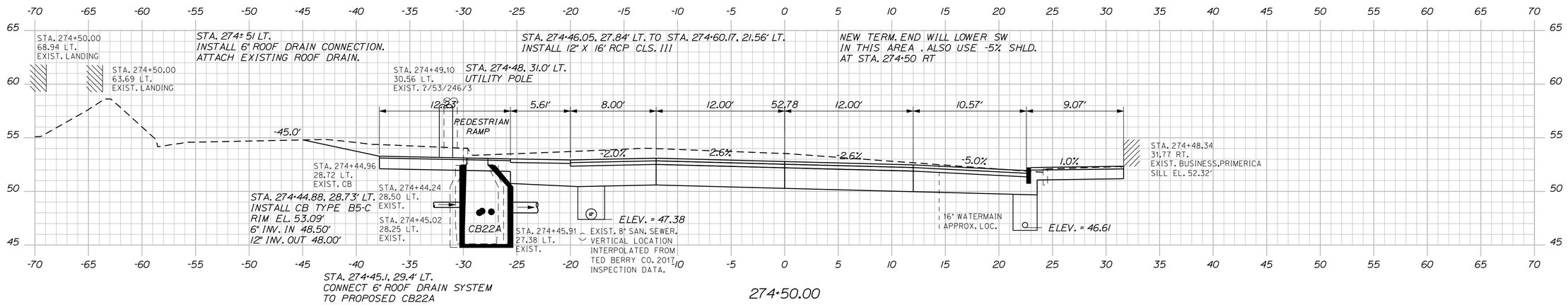
CROSS SECTIONS

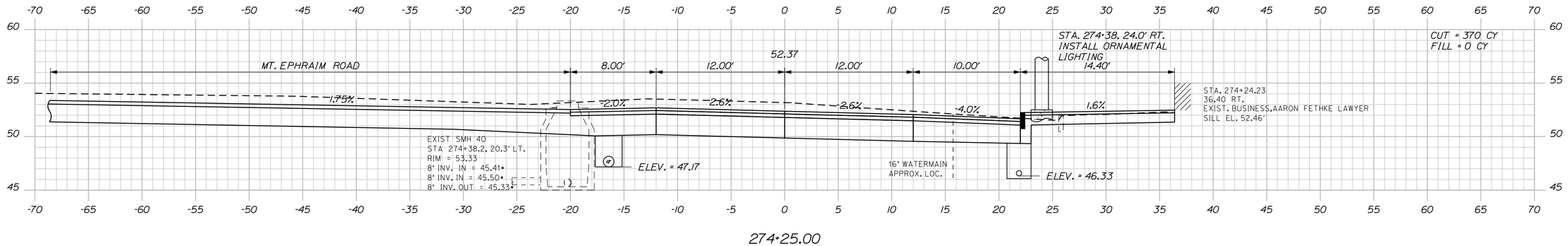
SHEET NUMBER
117
OF 292

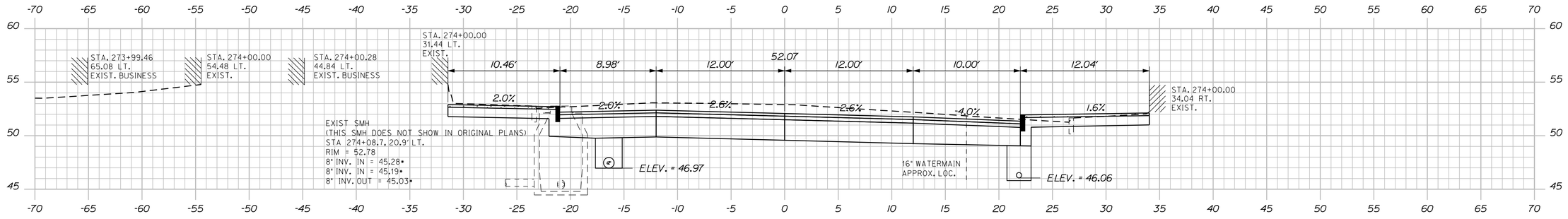
Sta. 273+73.43 to Sta. 273+89.06

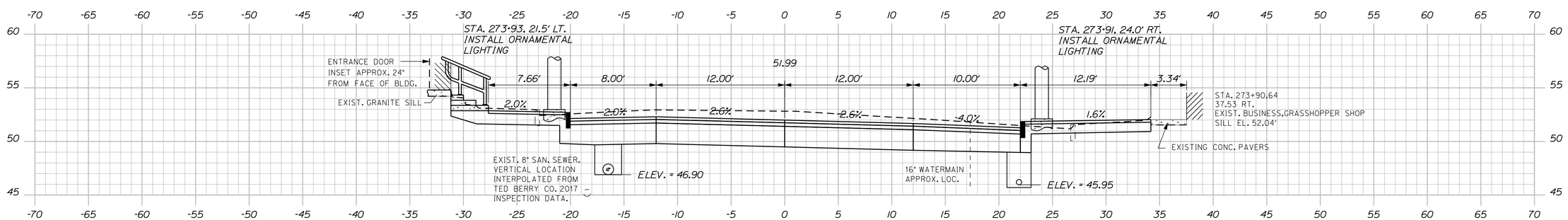
Filename: ...\mst\117_XSECT_273+73_062.dgn Division: HIGHWAY Username: morin Date:4/25/2022

Filename: ...\mst\v118_XSECT_273+90_063.dgn Division: HIGHWAY Username: morin Date:4/25/2022









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

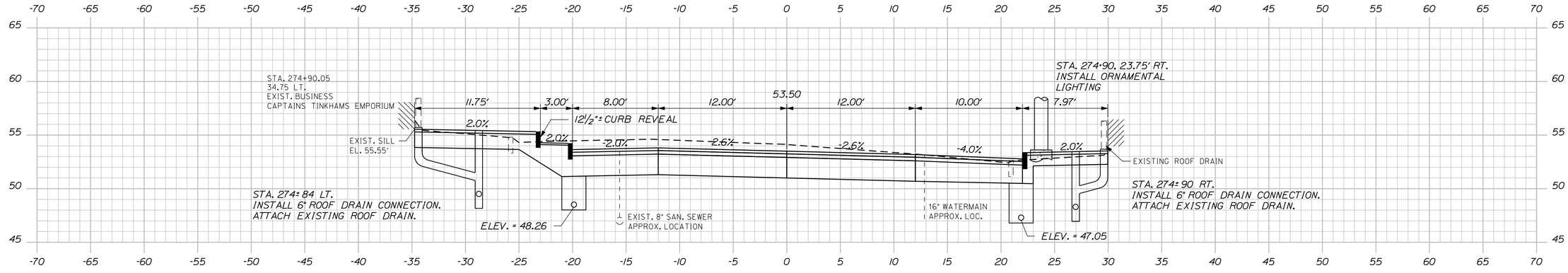
DATE

SEARSPORT
US ROUTE 1

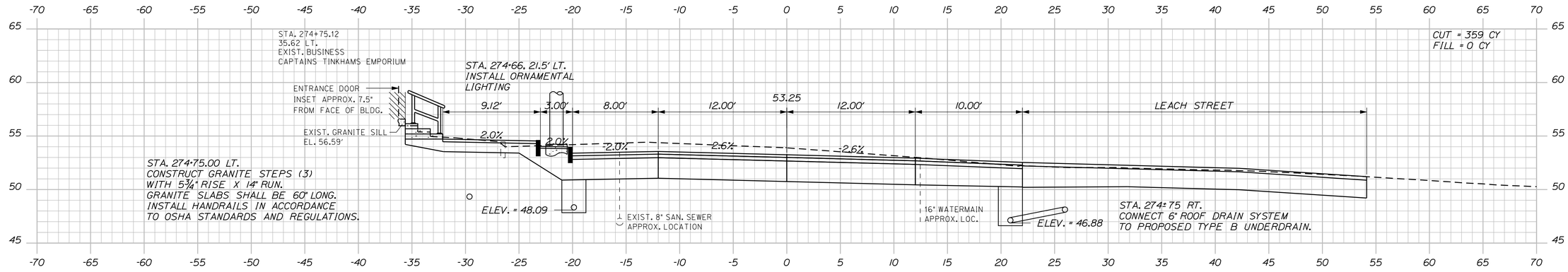
CROSS SECTIONS

SHEET NUMBER
118
OF 292

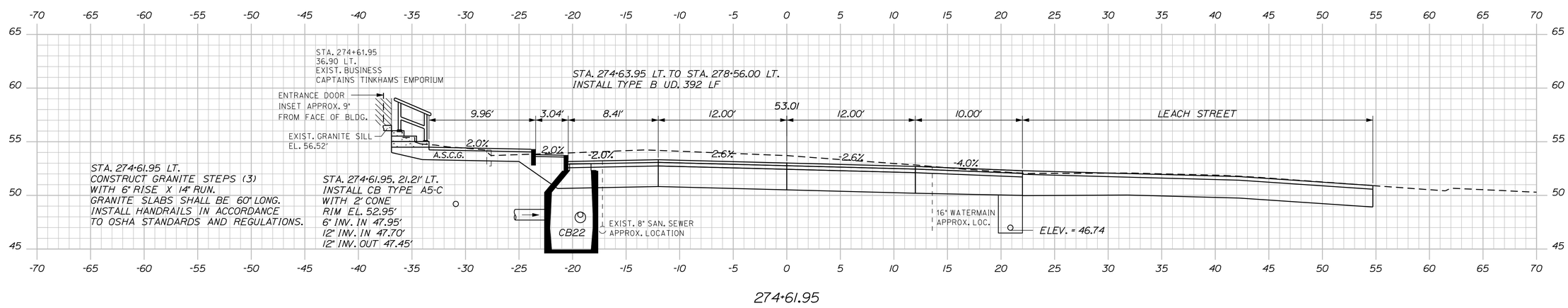
Sta. 273+90.64 to Sta. 274+50.00



274+90.05



274+75.00



274+61.95

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

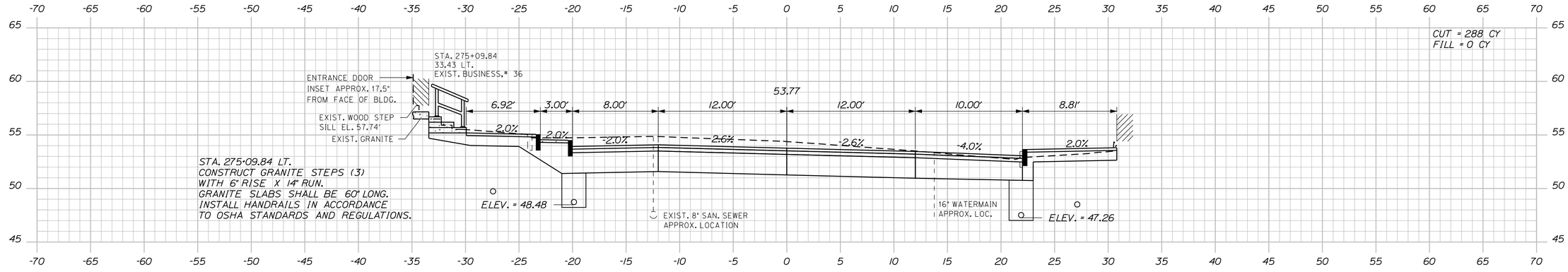
SHEET NUMBER

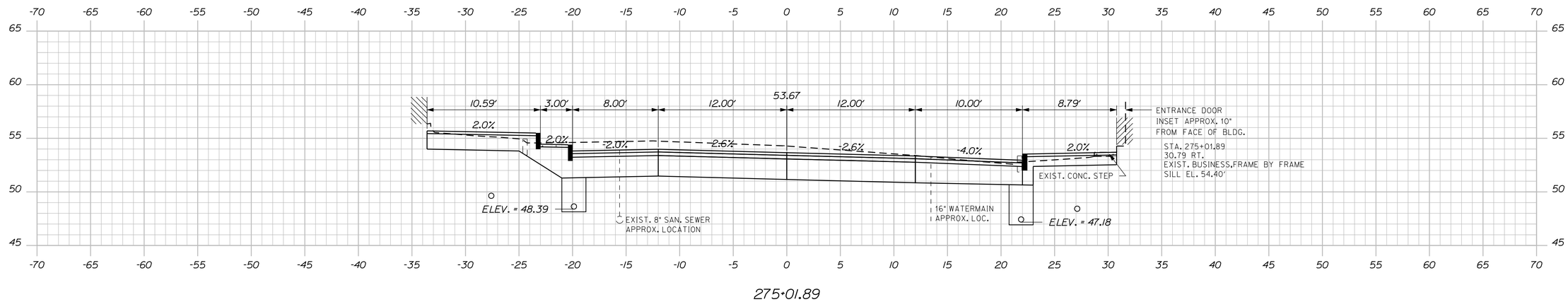
119

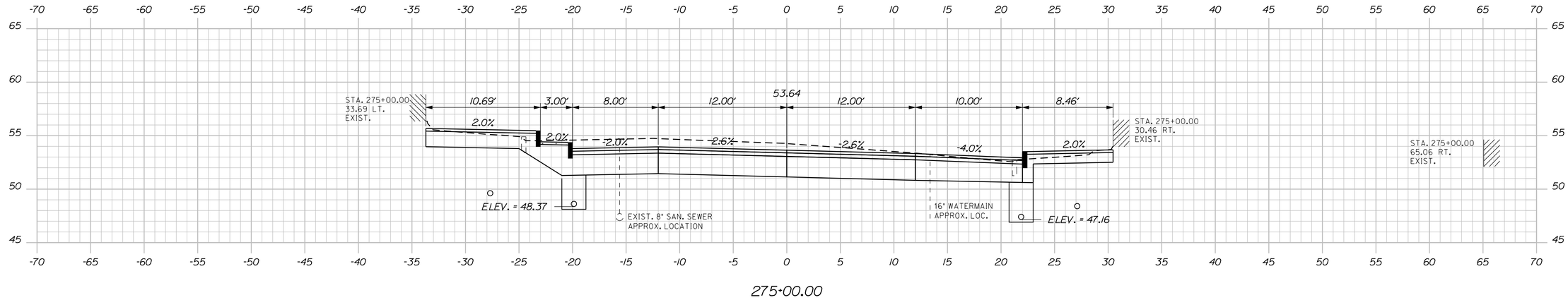
OF 292

Sta. 274+61.95 to Sta. 274+90.05

Filename: ...\msto\119_XSECT_274+61_064.dgn Division: HIGHWAY Username: morin Date:4/25/2022







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226
P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

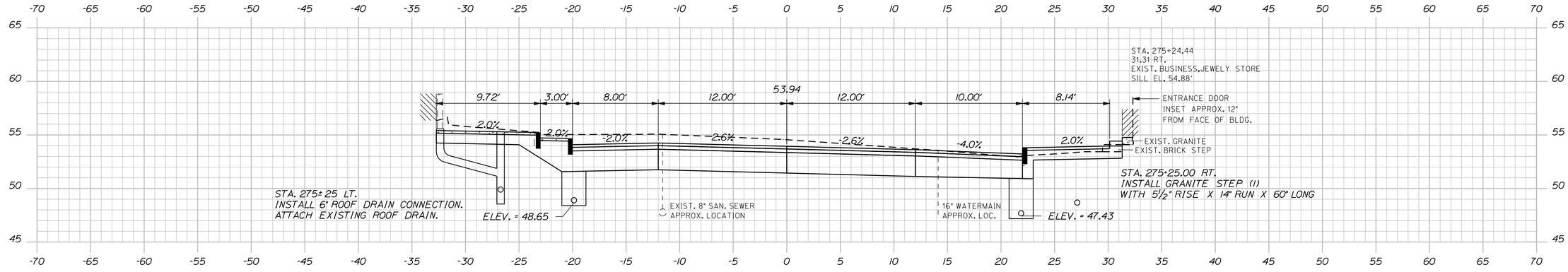
SEARSPORT
US ROUTE 1

CROSS SECTIONS

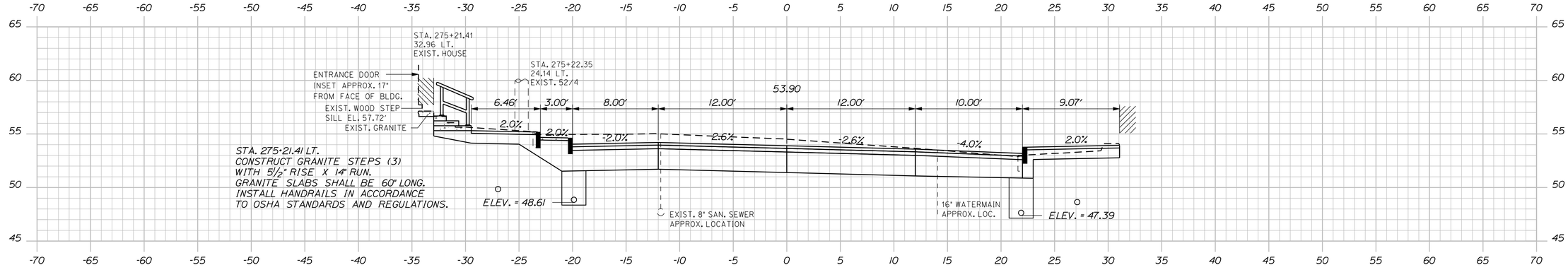
SHEET NUMBER
120
OF 292

Sta. 275+00.00 to Sta. 275+09.84

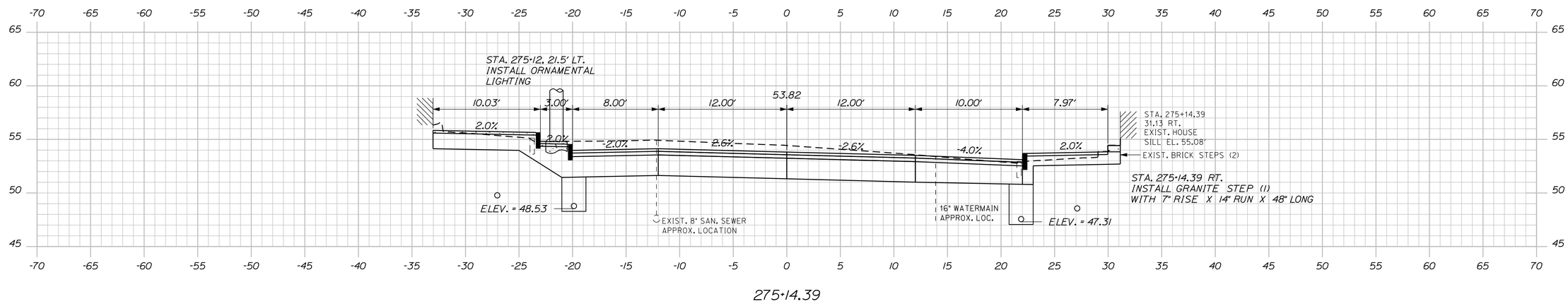
Filename: ...\mslo\120_XSECT_275+00_065.dgn Division: HIGHWAY Username: morin Date:4/25/2022



275+25.00



275+21.41



275+14.39

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	ERNIE MARTIN	BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

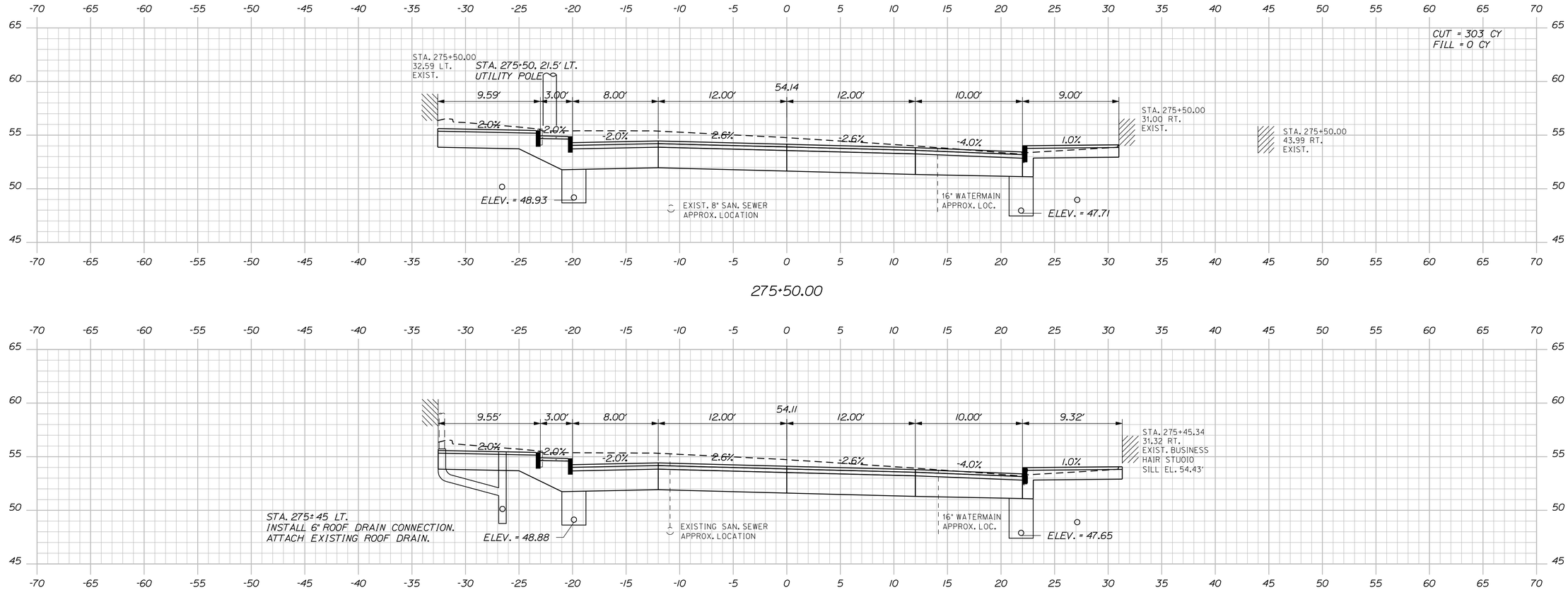
SHEET NUMBER

121

OF 292

Sta. 275+14.39 to Sta. 275+25.00

Filename: ...\mslo\121_XSECT_275+14_066.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
122
OF 292

Sta. 275+36.97 to Sta. 275+50.00

Filename: ...\mslo\122_XSECT_275+36_067.dgn Division: HIGHWAY Username: morin Date:4/25/2022

Filename: ...\mslo\123_XSECT_275+55_068.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226
P.E. NUMBER

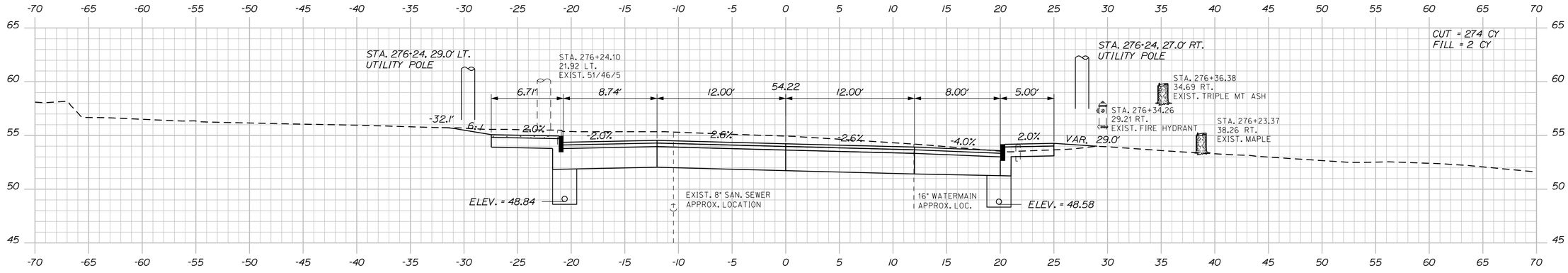
DATE

SEARSPORT
US ROUTE 1

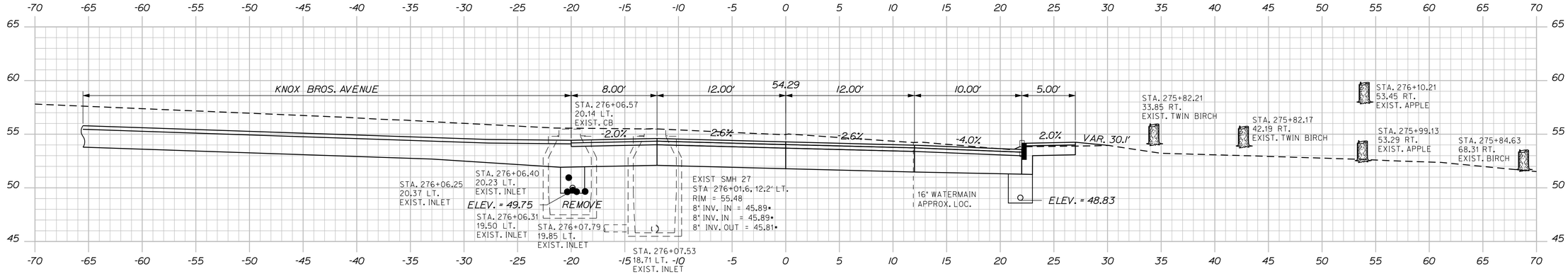
CROSS SECTIONS

SHEET NUMBER
123
OF 292

Sta. 275+55.10 to Sta. 275+68.52

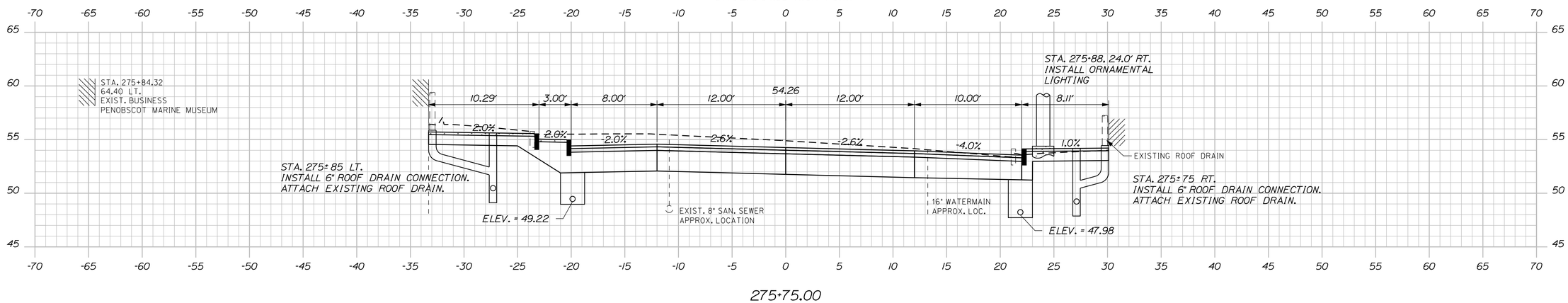


276+25.00



276+00.00

STA. 275+94.95 HIGH POINT



275+75.00

Sta. 275+75.00 to Sta. 276+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

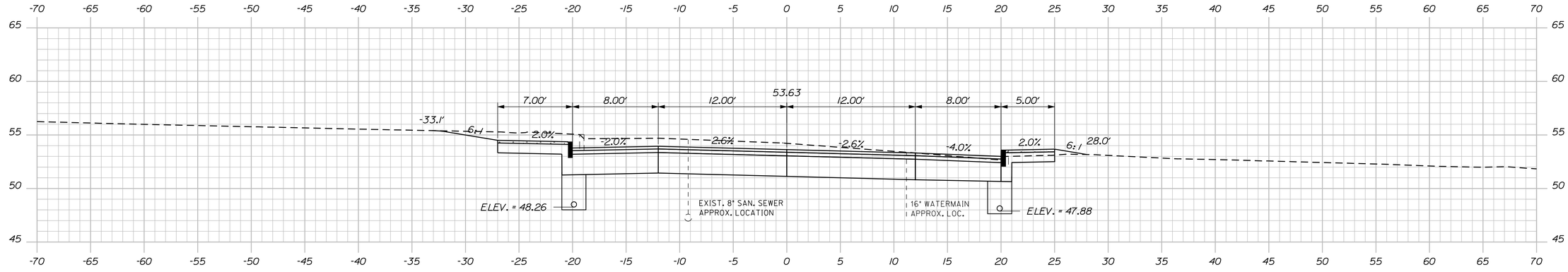
	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

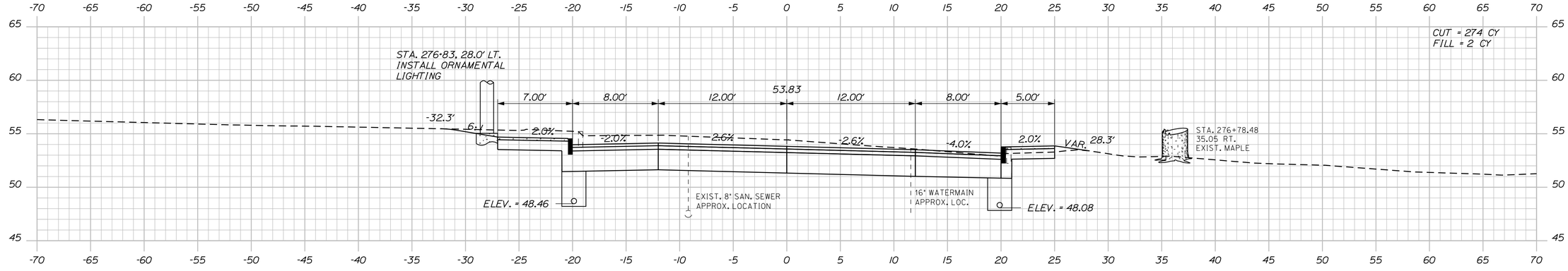
CROSS SECTIONS

SHEET NUMBER
124
OF 292

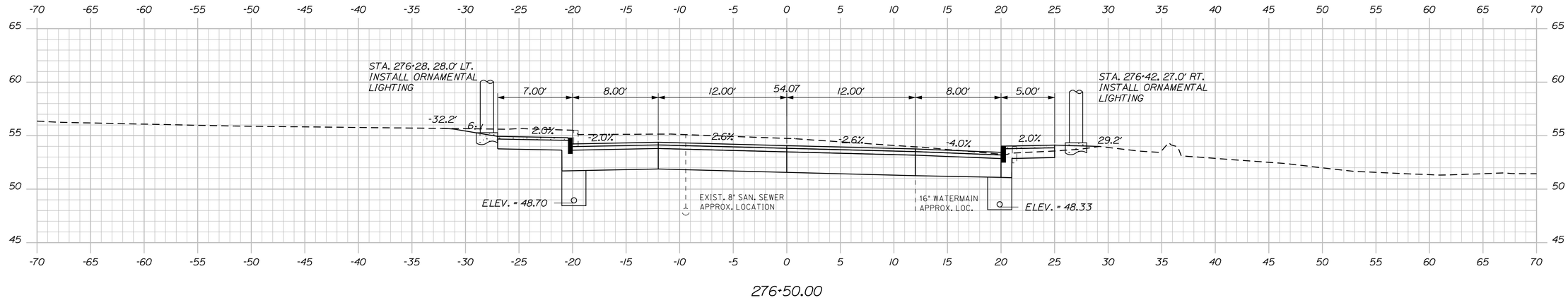
Filename: ...\mslo\124_XSECT_275+75_069.dgn Division: HIGHWAY Username: morin Date:4/25/2022



276+90.81



276+75.00



276+50.00

Sta. 276+50.00 to Sta. 276+90.81

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	ERNIE MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

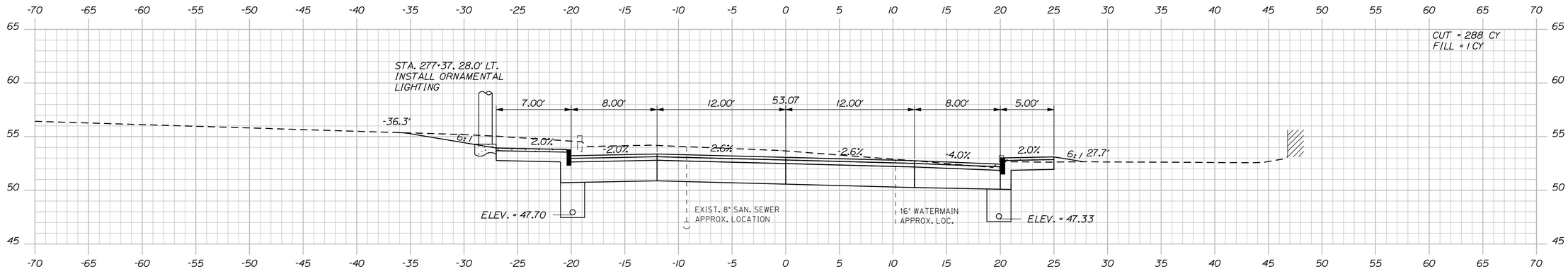
CROSS SECTIONS

SHEET NUMBER

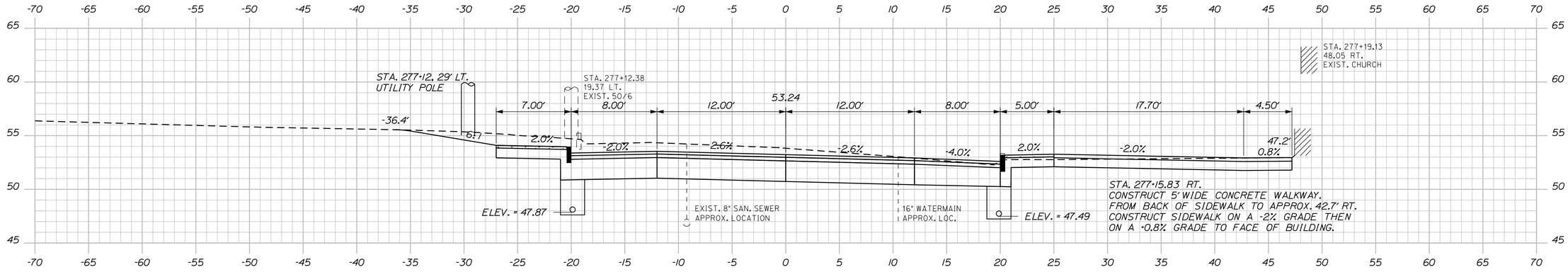
125

OF 292

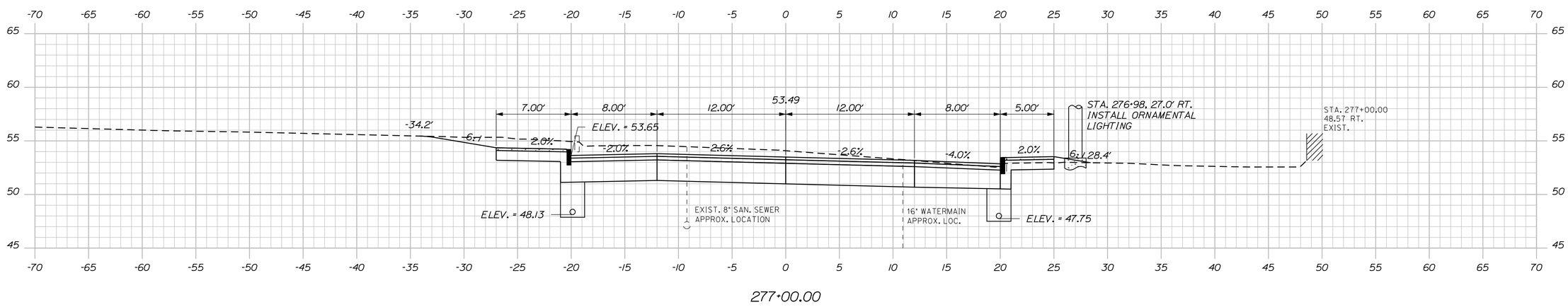
Filename: ...\mslo\125_XSECT_276+50_070.dgn Division: HIGHWAY Username: morin Date:4/25/2022



277+25.00



277+15.83



277+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

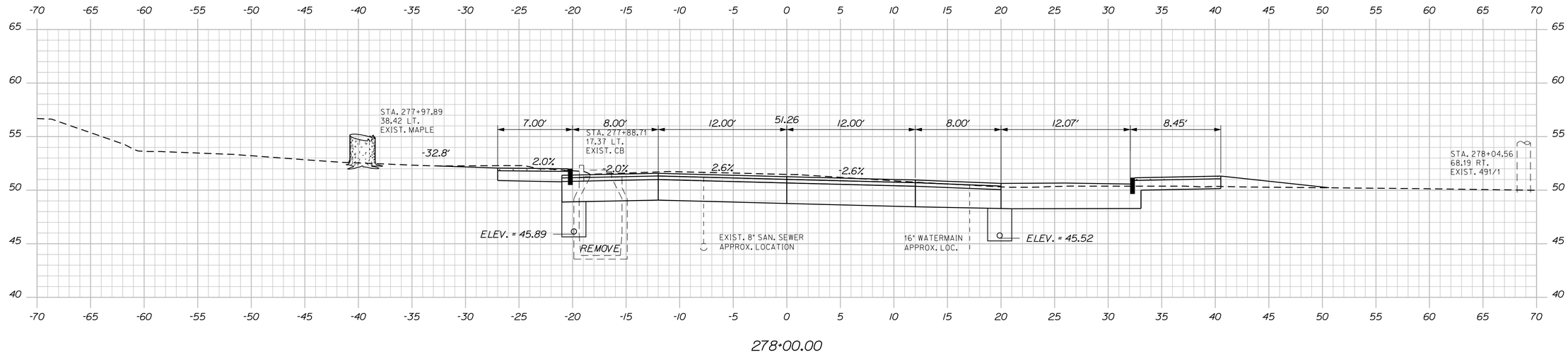
SEARSPORT
US ROUTE 1

CROSS SECTIONS

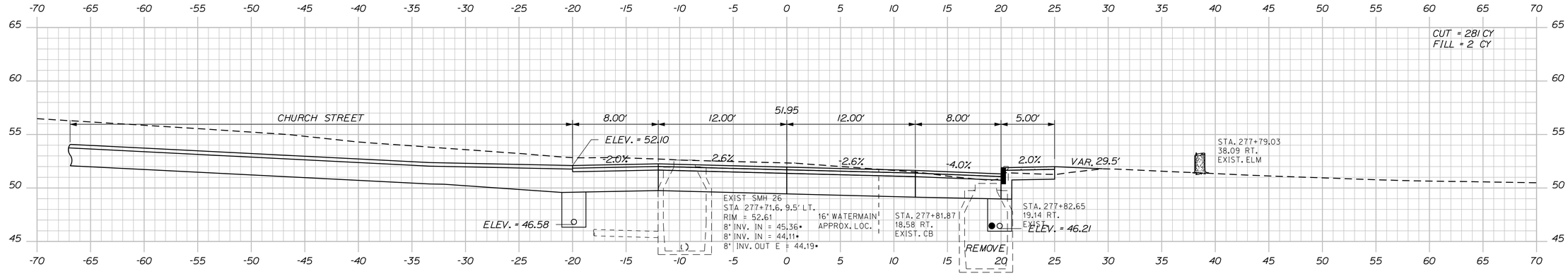
SHEET NUMBER
126
OF 292

Sta. 277+00.00 to Sta. 277+25.00

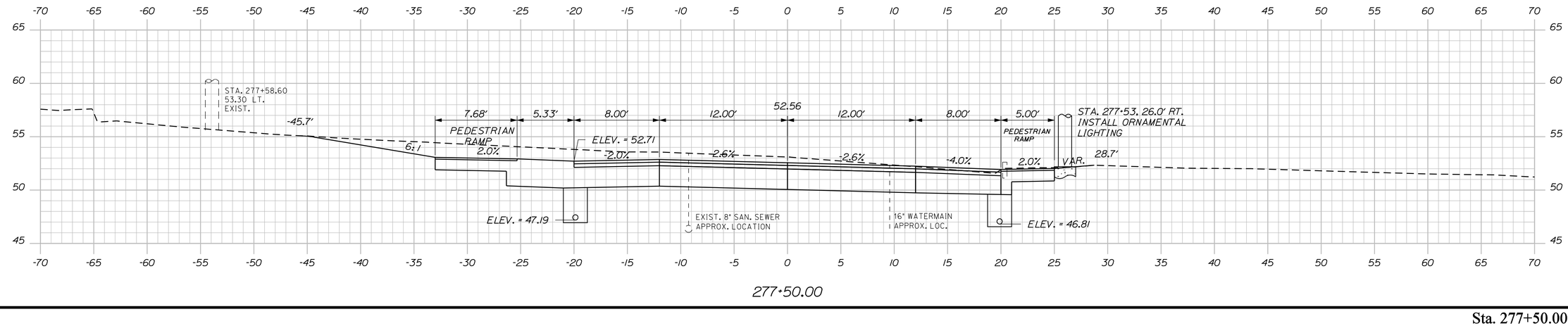
Filename: ...\mslo\126_XSECT_277+00_071.dgn Division: HIGHWAY Username: morin Date:4/25/2022



278+00.00



277+75.00



277+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

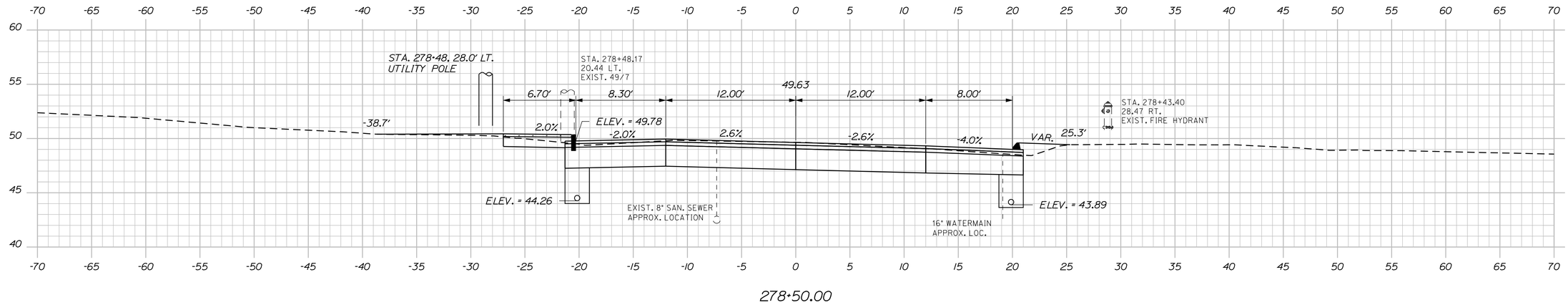
SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
127
OF 292

Sta. 277+50.00 to Sta. 278+00.00

Filename: ...\mst\127_XSECT_277+50_072.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

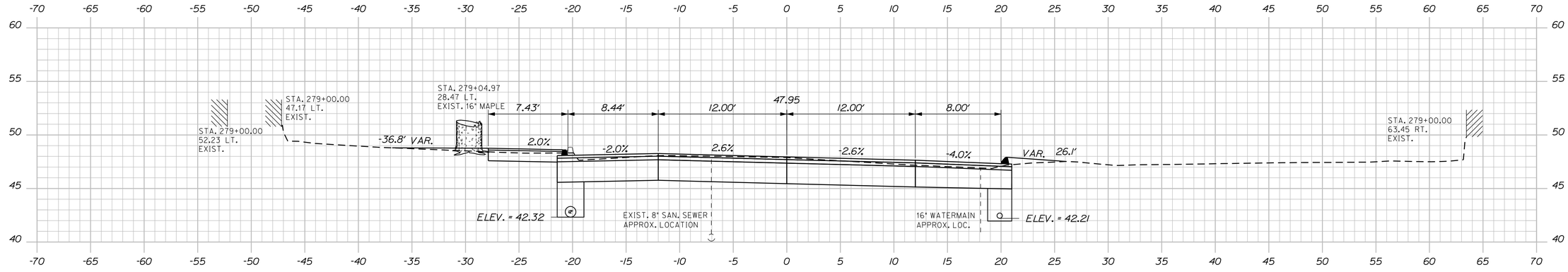
SEARSPORT
US ROUTE 1

CROSS SECTIONS

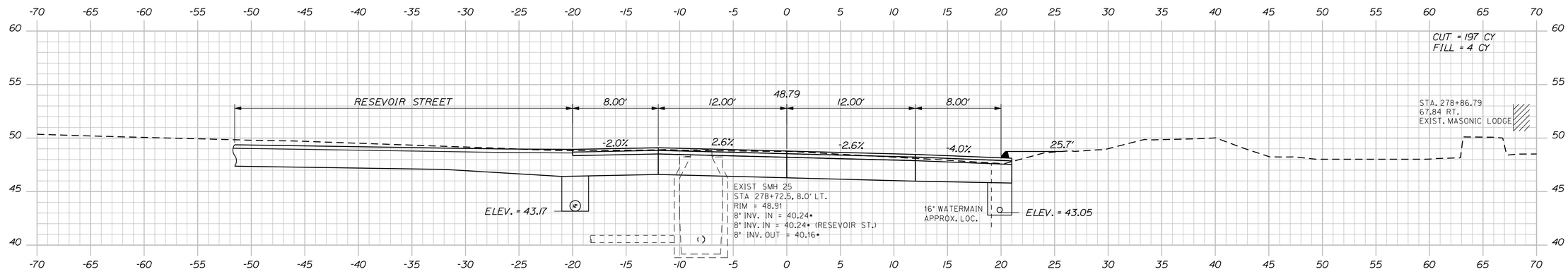
SHEET NUMBER
128
OF 292

Sta. 278+11.18 to Sta. 278+50.00

Filename: ...\mslo\128_XSECT_278+11_073.dgn Division: HIGHWAY Username: morin Date:4/25/2022



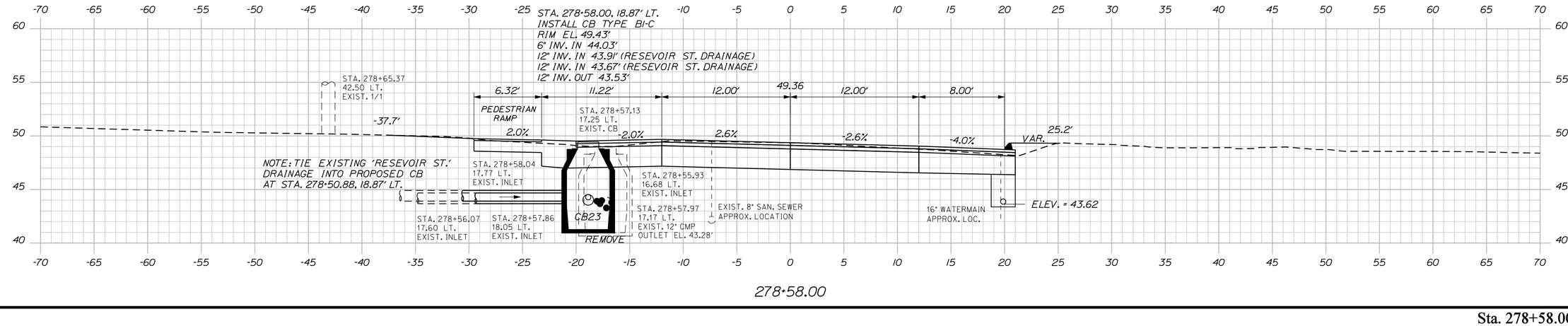
279+00.00



278+75.00

STA. 278+60.00 LT. TO STA. 279+93.00 LT.
INSTALL 12" TYPE C UD, 133 LF

STA. 278+58.00, 18.87' LT.
INSTALL CB TYPE BI-C
RIM EL. 49.43'
6" INV. IN 44.03'
12" INV. IN 43.91' (RESEVOIR ST. DRAINAGE)
12" INV. IN 43.67' (RESEVOIR ST. DRAINAGE)
12" INV. OUT 43.53'



278+58.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	ERNIE MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

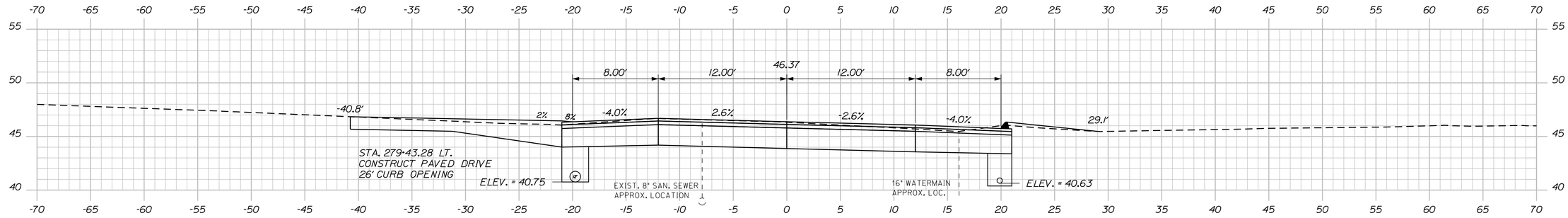
SHEET NUMBER

129

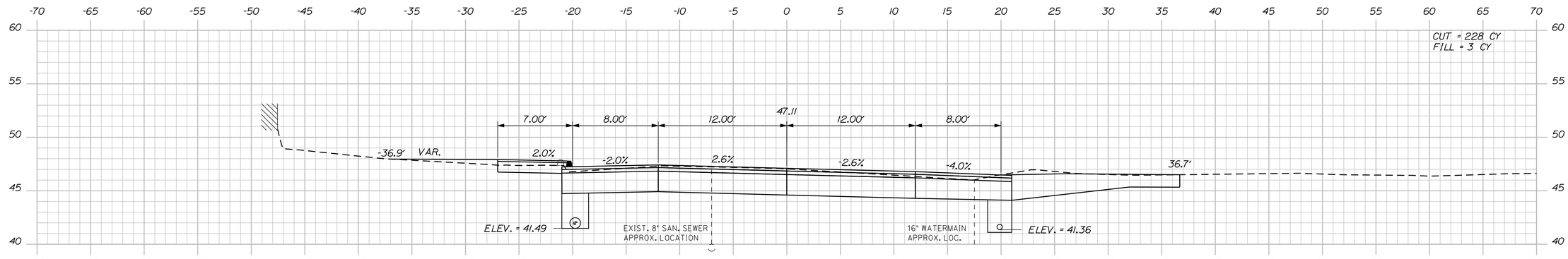
OF 292

Sta. 278+58.00 to Sta. 279+00.00

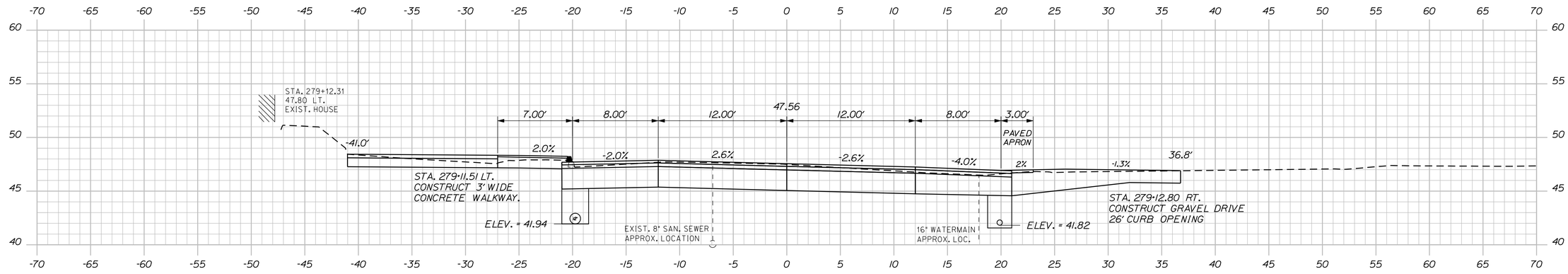
Filename: ...\mslo\129_XSECT_278+58_074.dgn Division: HIGHWAY Username: morin Date:4/25/2022



279+50.00



279+25.00



279+11.51

Sta. 279+11.51 to Sta. 279+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	ERNIE MARTIN	BY	
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

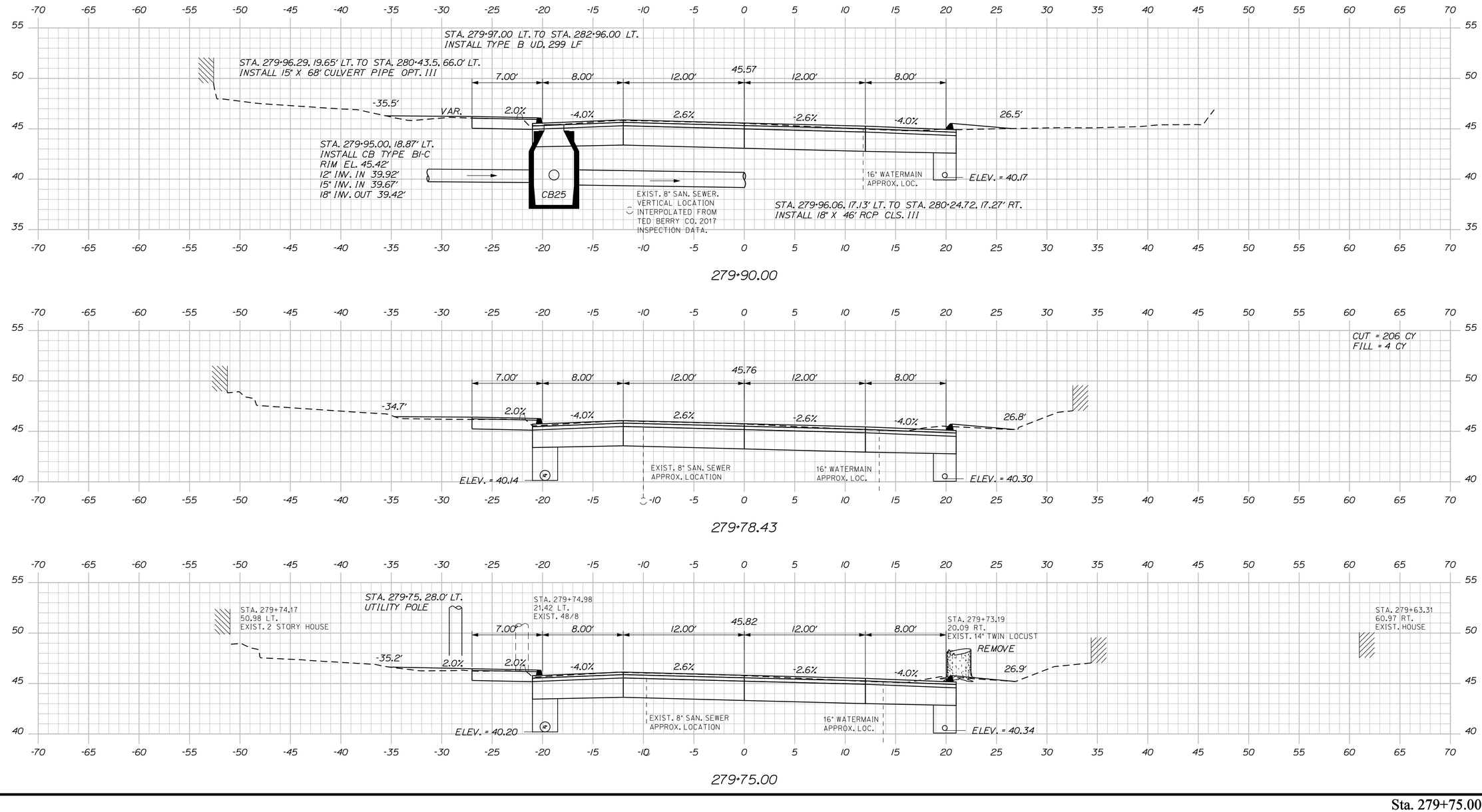
DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
130
OF 292

Filename: ...\mst01\130_XSECT_279+11_075.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
131
OF 292

Sta. 279+75.00 to Sta. 279+90.00

Filename: ...\msta\131_XSECT_279+75_076.dgn Division: HIGHWAY Username: morin Date:4/25/2022

Filename: ...\MSTA\132_XSECT_280+00_077.dgn Division: HIGHWAY Username: morin Date:5/17/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

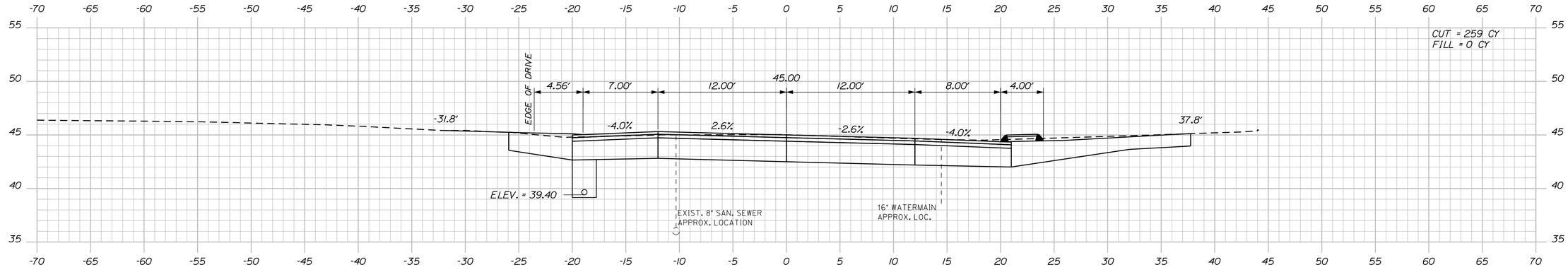
CROSS SECTIONS

SHEET NUMBER

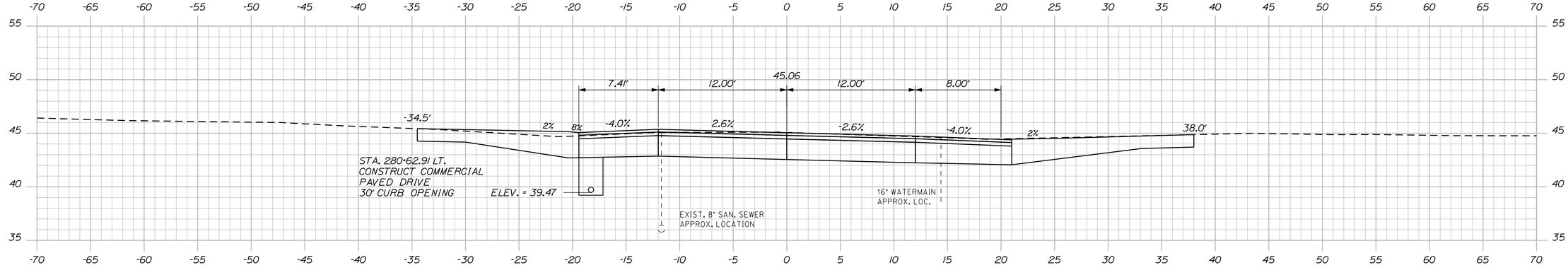
132

OF 292

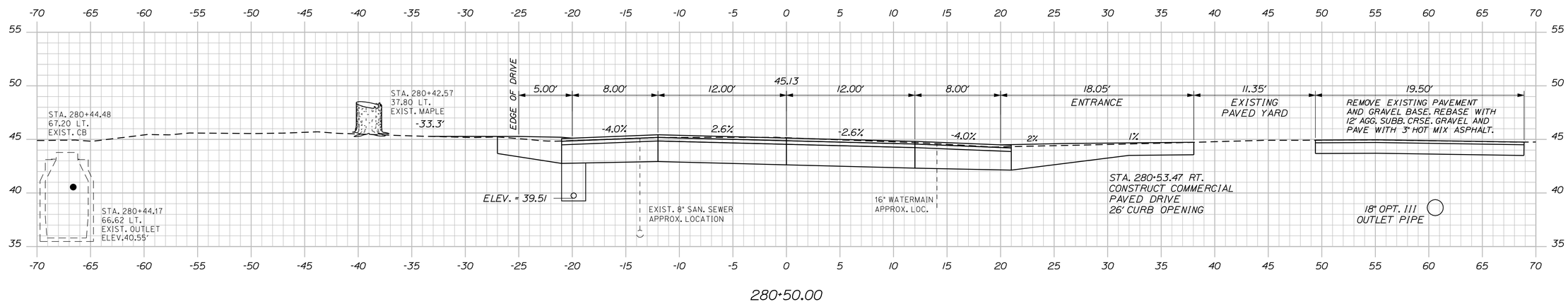
Sta. 280+00.00 to Sta. 280+25.00



280+75.00



280+63.81



280+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

133

OF 292

Sta. 280+50.00 to Sta. 280+75.00

Filename: ...\MSTA\133_XSECT_280+50_078.dgn Division: HIGHWAY Username: morin Date:5/17/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

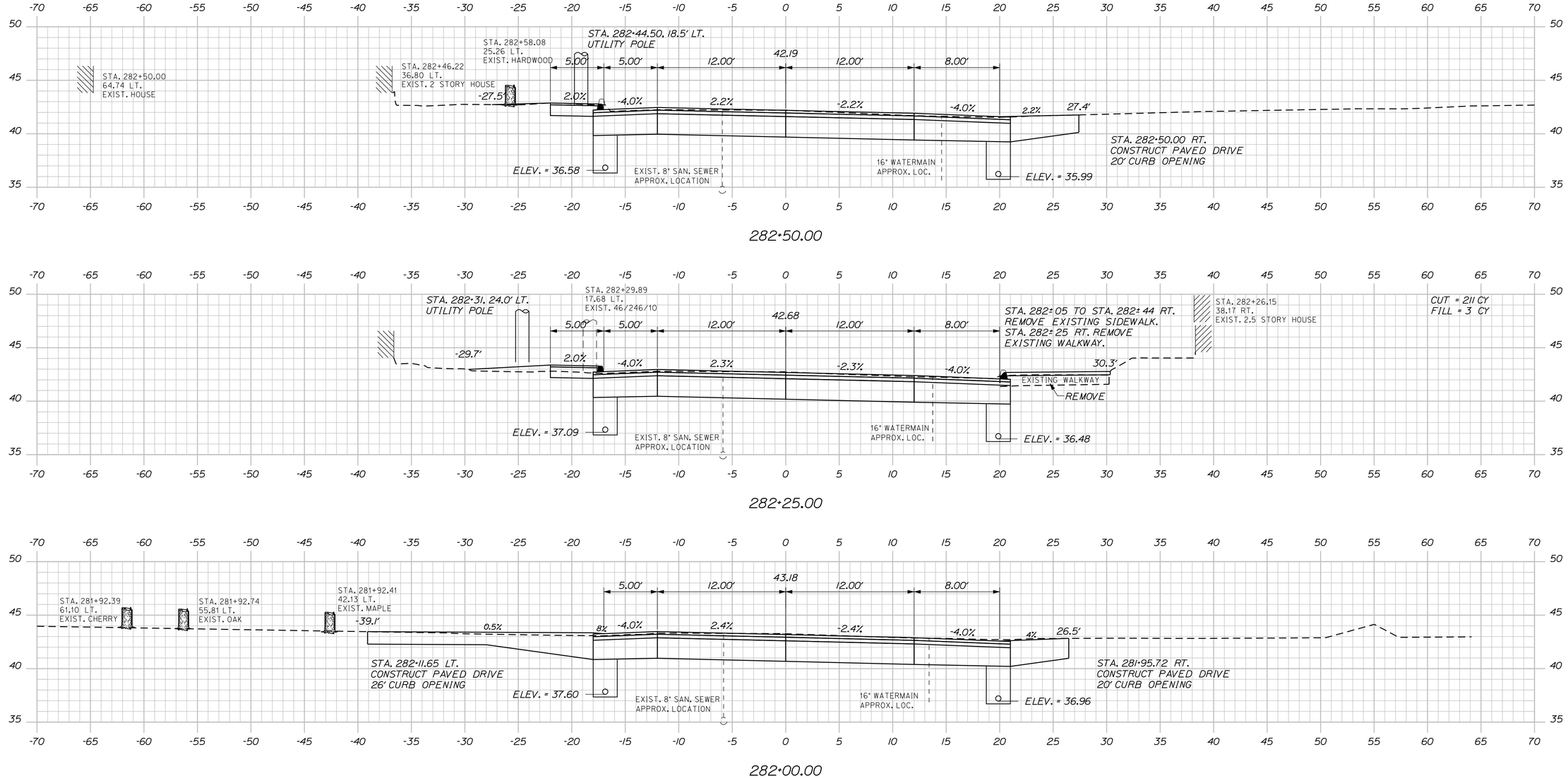
SHEET NUMBER

134

OF 292

Sta. 281+00.00 to Sta. 281+50.00

Filename: ...\MSTA\134_XSECT_281+00_079.dgn Division: HIGHWAY Username: morin Date:5/17/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

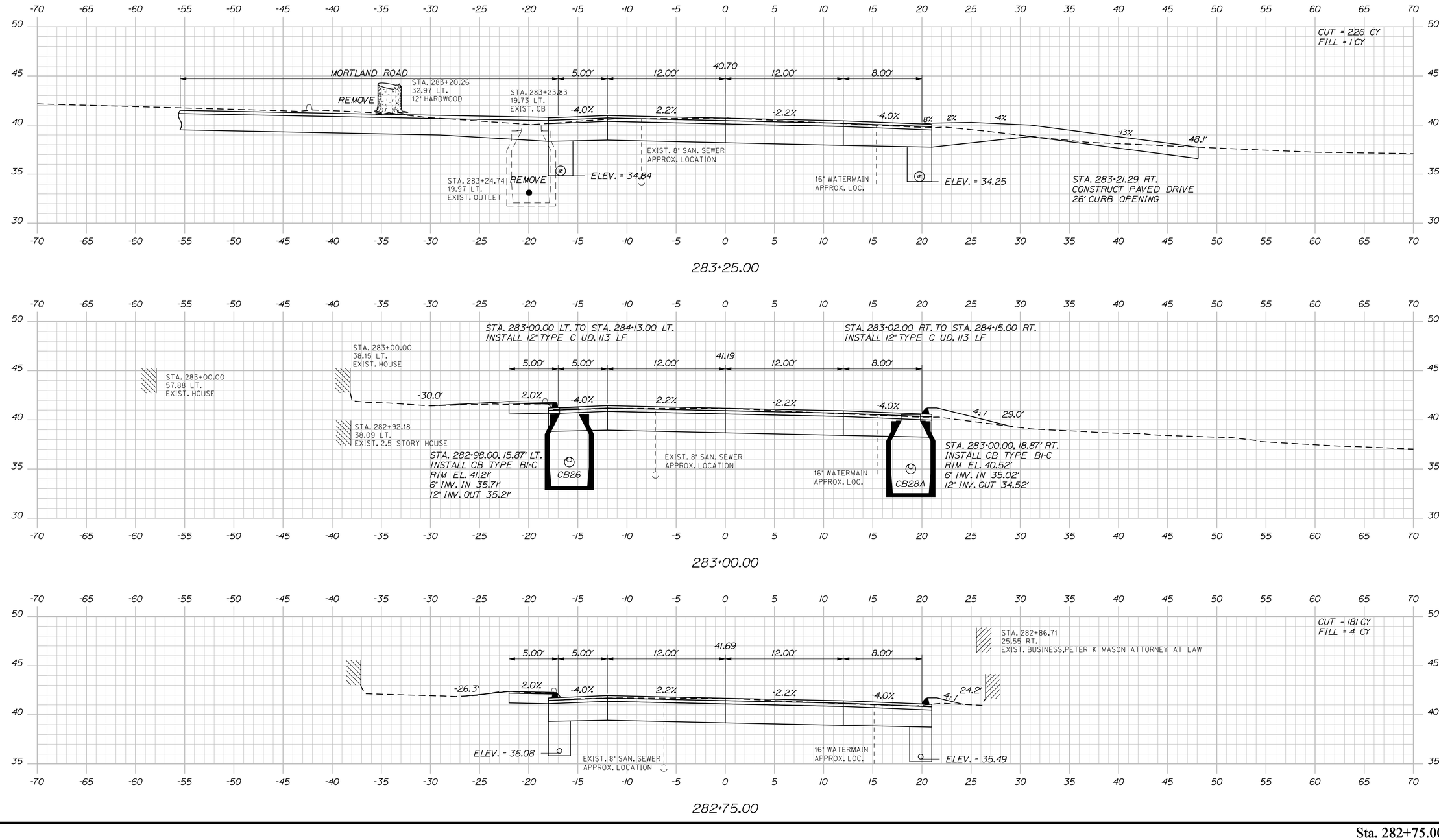
SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
135
OF 292

Sta. 281+75.00 to Sta. 282+50.00

Filename: ...\msta\135_XSECT_281+75_080.dgn Division: HIGHWAY Username: morin Date:4/25/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	ERNIE MARTIN	BY	
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

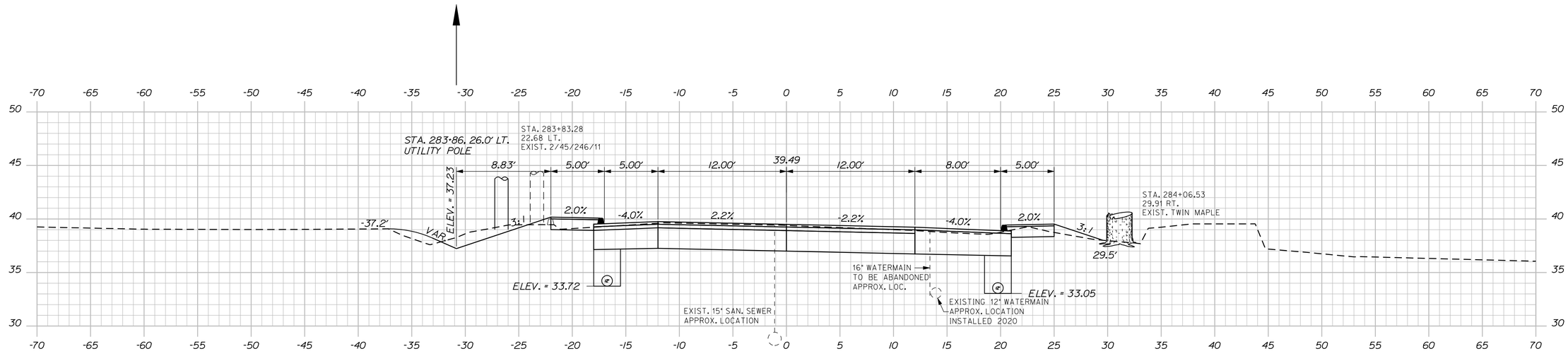
SEARSPORT
US ROUTE 1

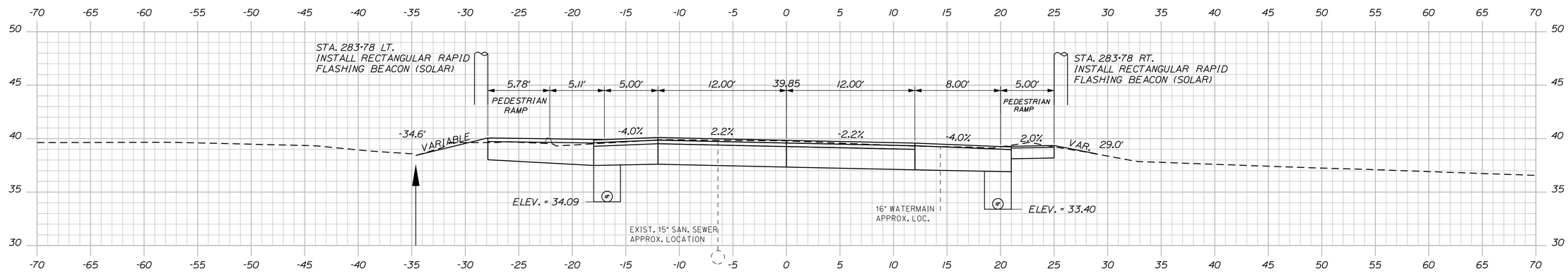
CROSS SECTIONS

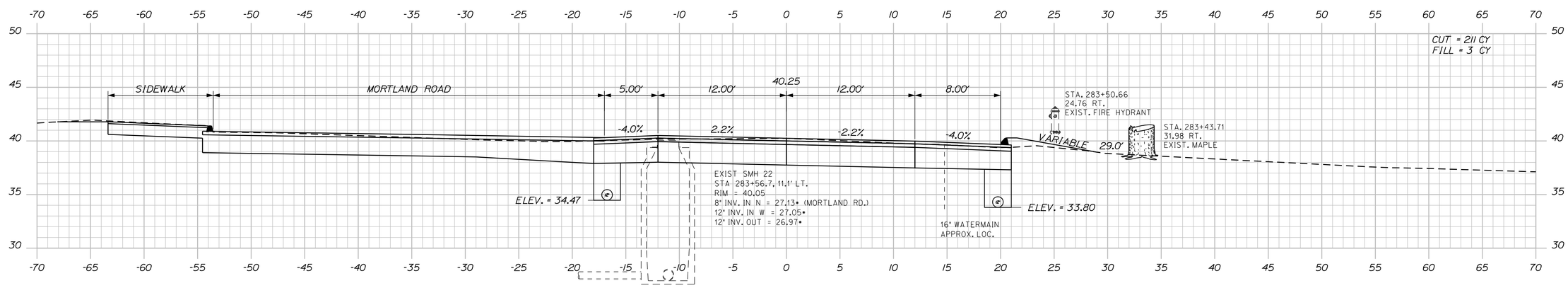
SHEET NUMBER
136
OF 292

Sta. 282+75.00 to Sta. 283+25.00

Filename: ...\msto\136_XSECT_282+75_081.dgn Division: HIGHWAY Username: morin Date:4/25/2022







Filename: ...\mslo\137_XSECT_283+50_082.dgn Username: morin Division: HIGHWAY Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
ERNIE MARTIN	MSM	4-22
		4-22

SIGNATURE
4226

P.E. NUMBER

DATE

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

SEARSPORT
US ROUTE 1

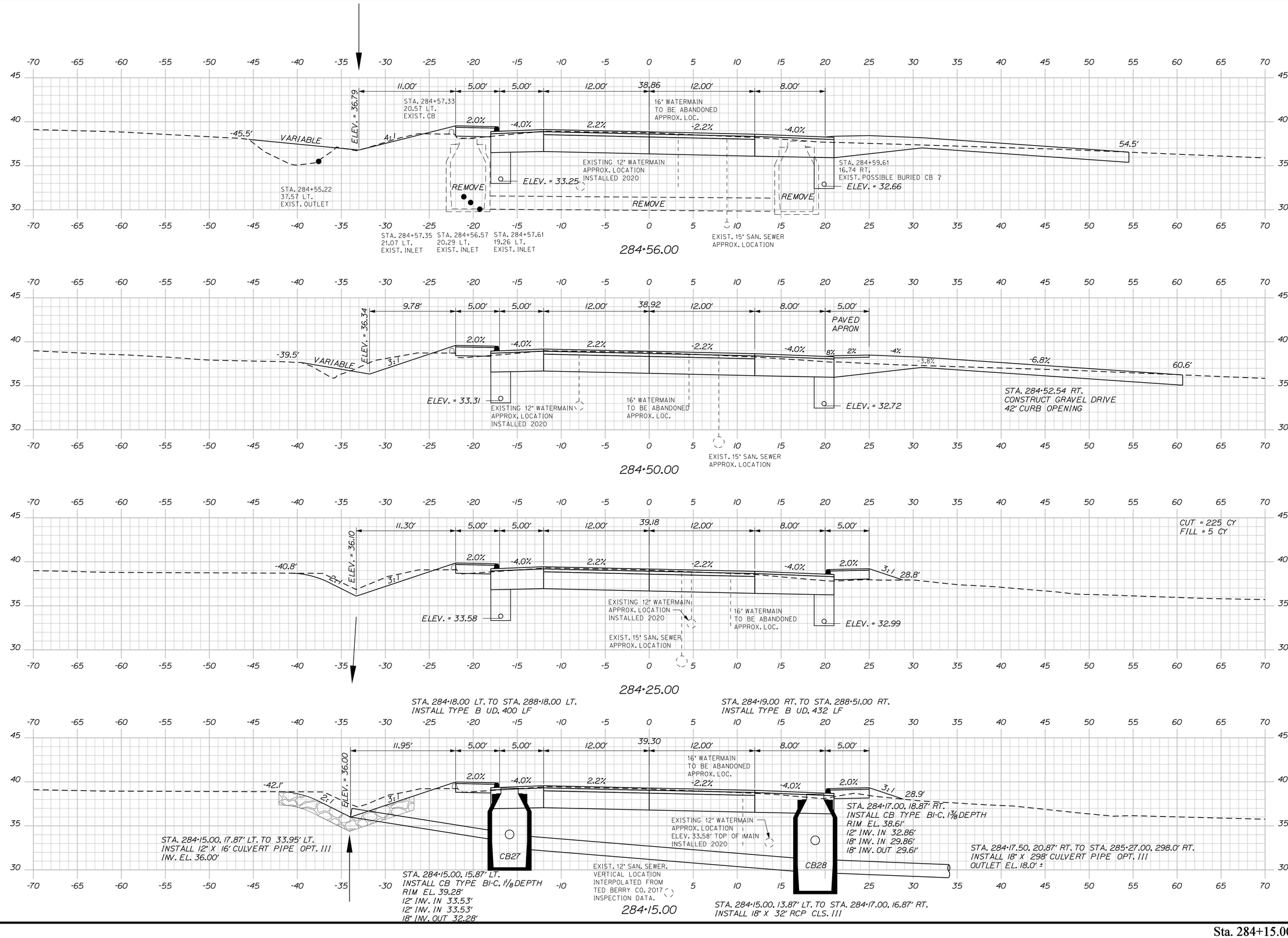
CROSS SECTIONS

SHEET NUMBER

137

OF 292

Sta. 283+50.00 to Sta. 284+00.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	BY	DATE
CHECKED-REVIEWED	ALG	MSM	4-22
DESIGN2-DETAILED2		ALG	4-22
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

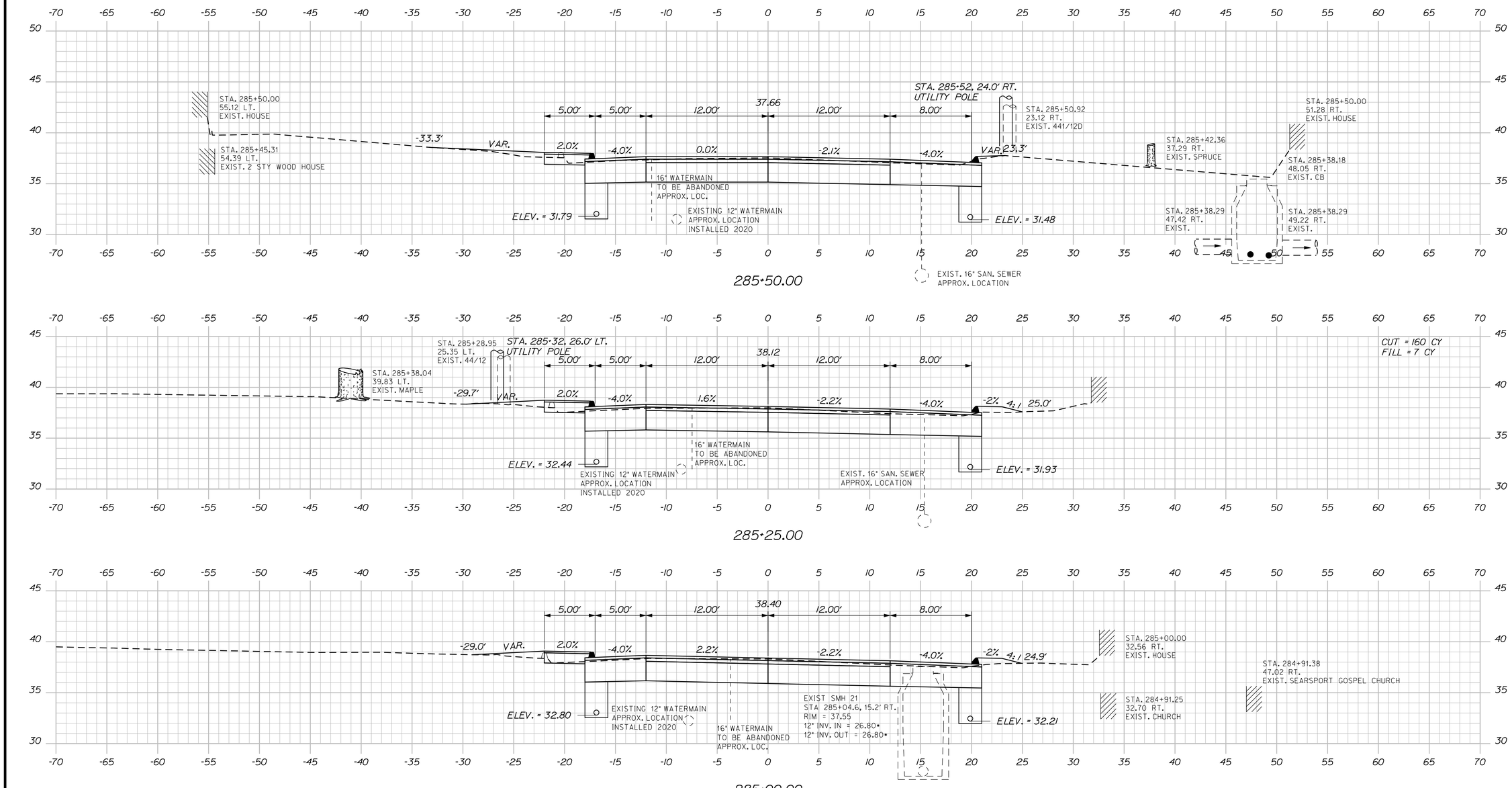
SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
138
OF 292

Sta. 284+15.00 to Sta. 284+56.00

Filename: ...\MSTA\138_XSECT_284+15_083.dgn Division: HIGHWAY Username: morin Date:4/29/2022



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	ERNIE MARTIN	BY	
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

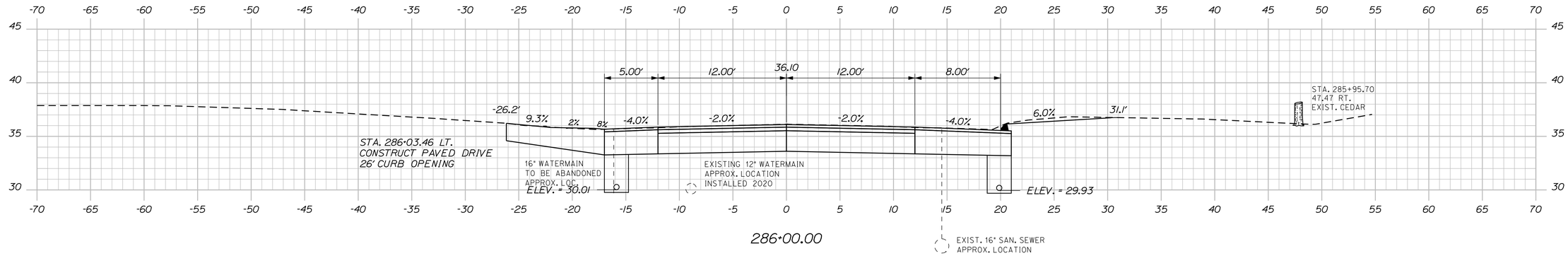
SHEET NUMBER

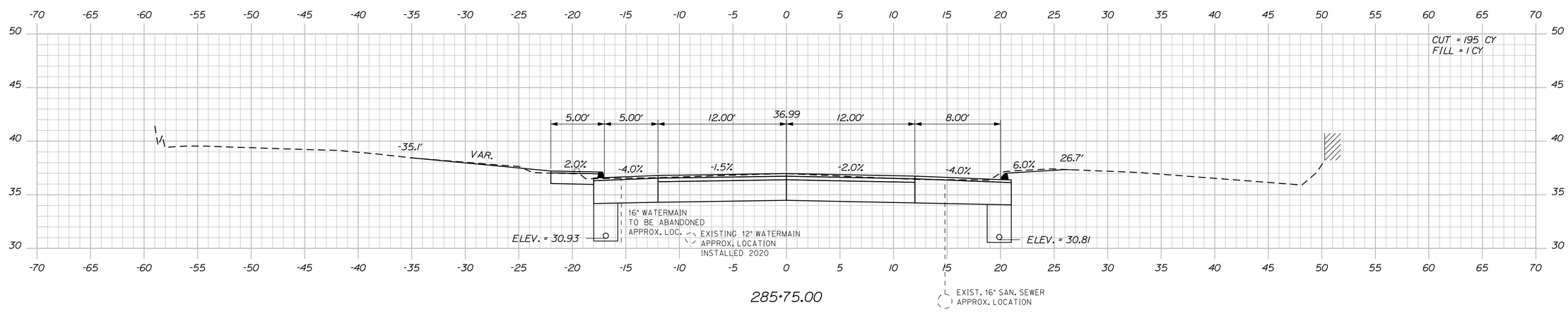
139

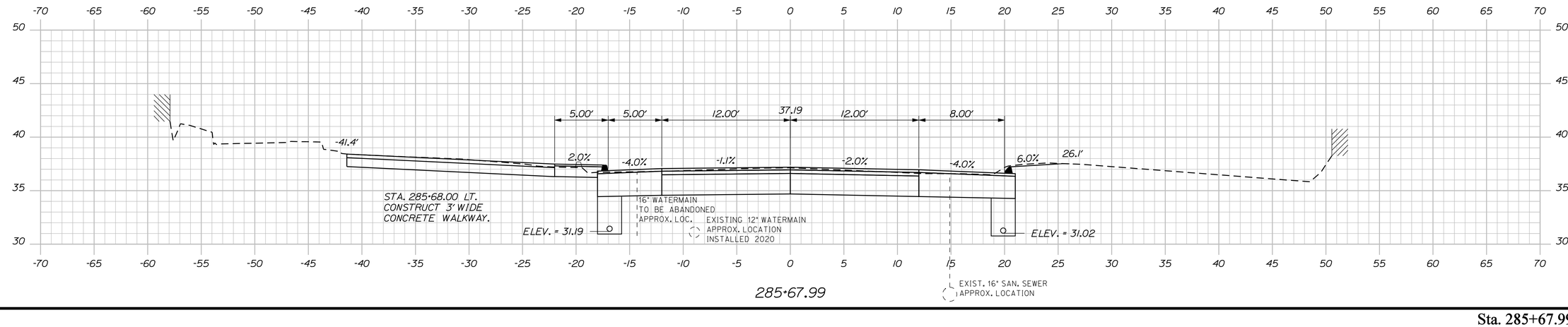
OF 292

Sta. 284+75.00 to Sta. 285+50.00

Filename: ...\msto\139_XSECT_284+75_084.dgn Division: HIGHWAY Username: morin Date:4/25/2022







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	ERNIE MARTIN	BY	
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

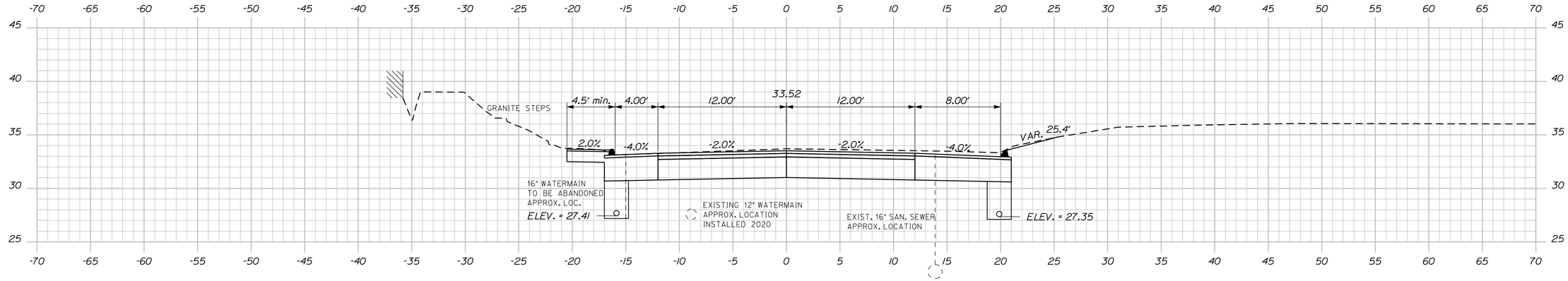
SEARSPORT
US ROUTE 1

CROSS SECTIONS

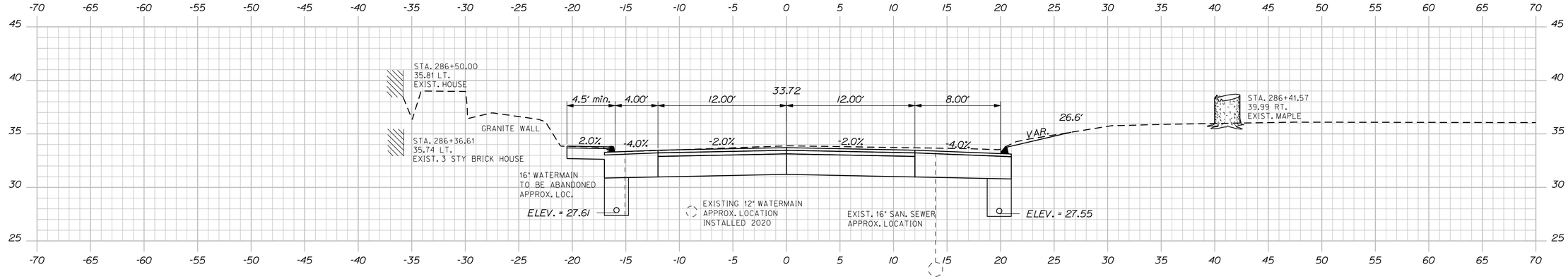
SHEET NUMBER
140
OF 292

Sta. 285+67.99 to Sta. 286+00.00

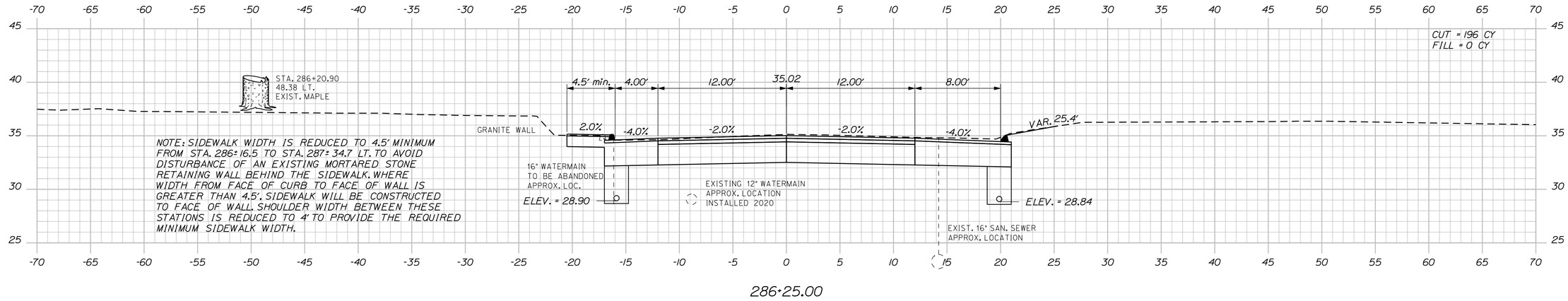
Filename: ...\mst\140_XSECT_285+67_085.dgn Division: HIGHWAY Username: morin Date:4/25/2022



286+53.54



286+50.00



286+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

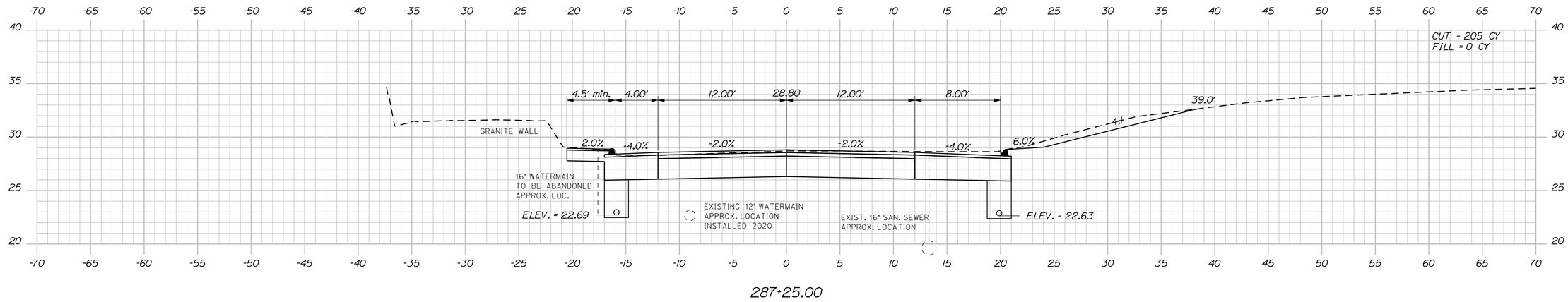
SHEET NUMBER

141

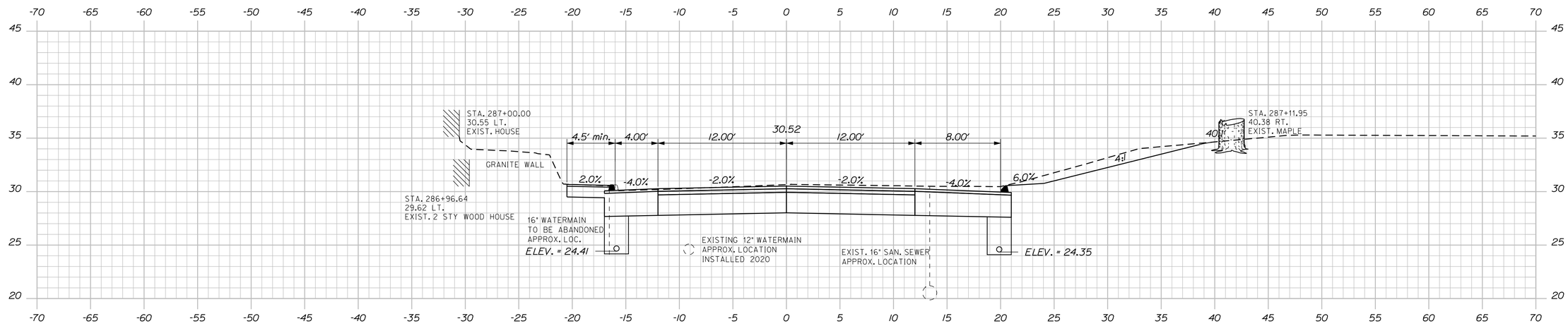
OF 292

Sta. 286+25.00 to Sta. 286+53.54

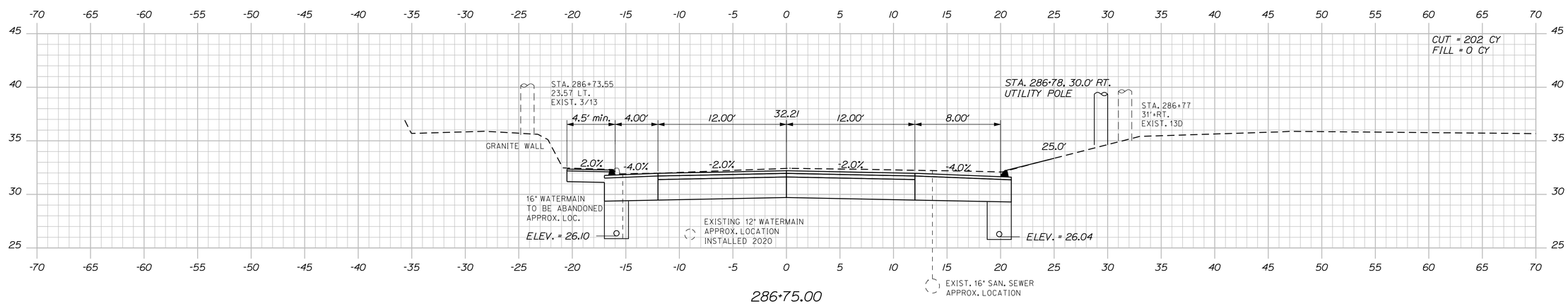
Filename: ...\mslo\141_XSECT_286+25_086.dgn Division: HIGHWAY Username: morin Date:4/25/2022



287+25.00



287+00.00



286+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALC	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER

142

OF 292

Sta. 286+75.00 to Sta. 287+25.00

Filename: ...\mslo\142_XSECT_286+75_087.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

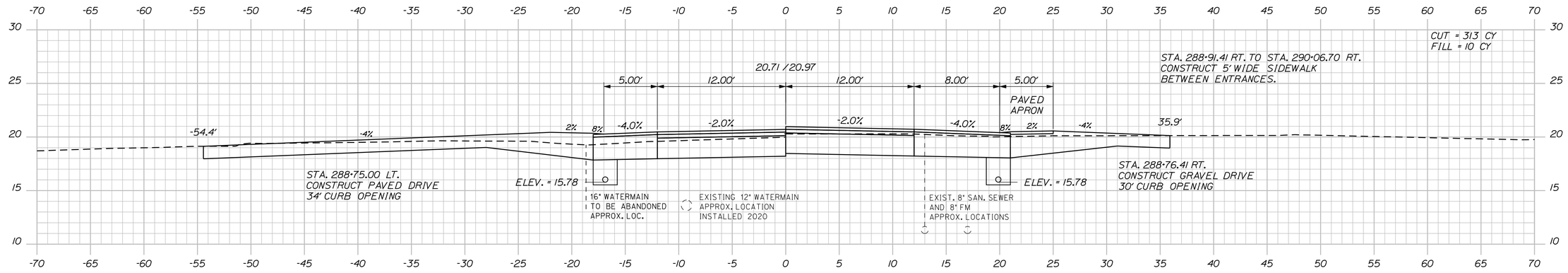
SEARSPORT
US ROUTE 1

CROSS SECTIONS

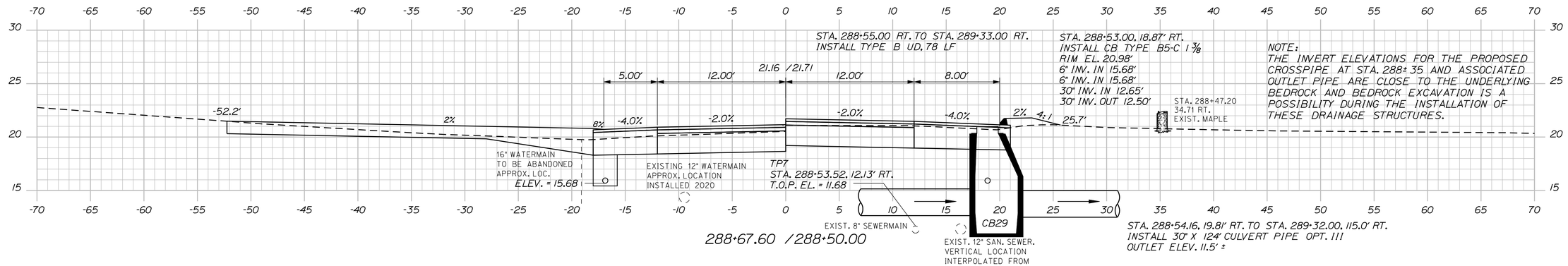
SHEET NUMBER
143
OF 292

Sta. 287+50.00 to Sta. 288+00.00

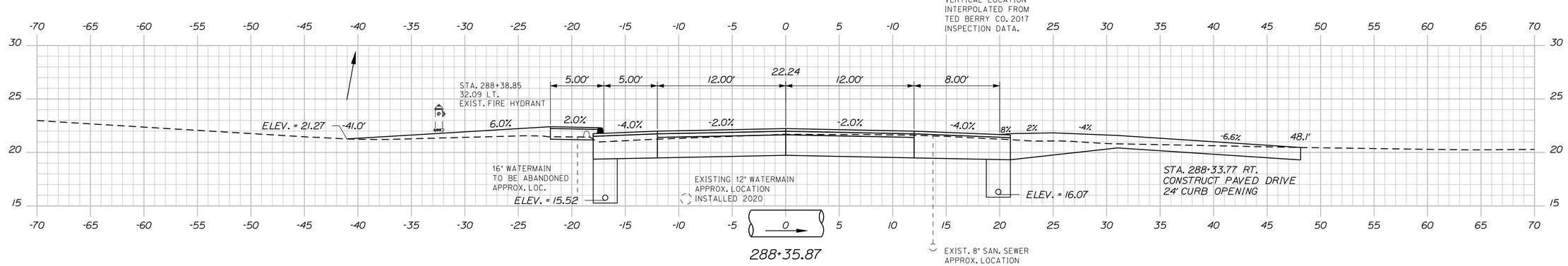
Filename: ...\mstio\143_XSECT_287+50_088.dgn Division: HIGHWAY Username: morin Date:4/25/2022



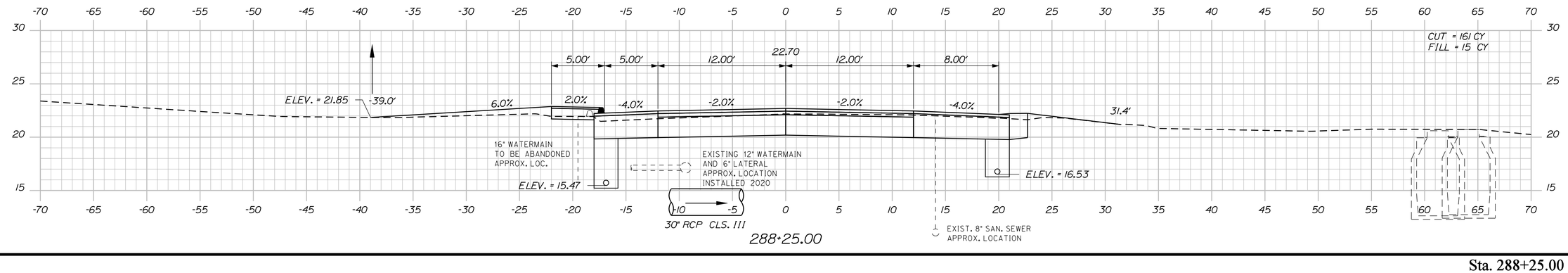
288+86.40 / 288+75.00



288+67.60 / 288+50.00



288+35.87



288+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER

DATE

SEARSPORT
US ROUTE 1

CROSS SECTIONS

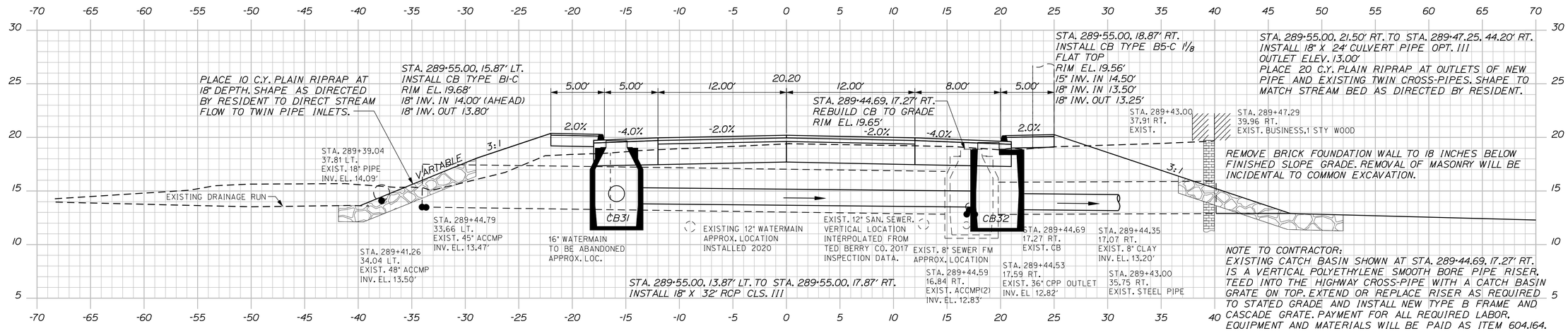
SHEET NUMBER
144
OF 292

Sta. 288+25.00 to Sta. 288+75.00

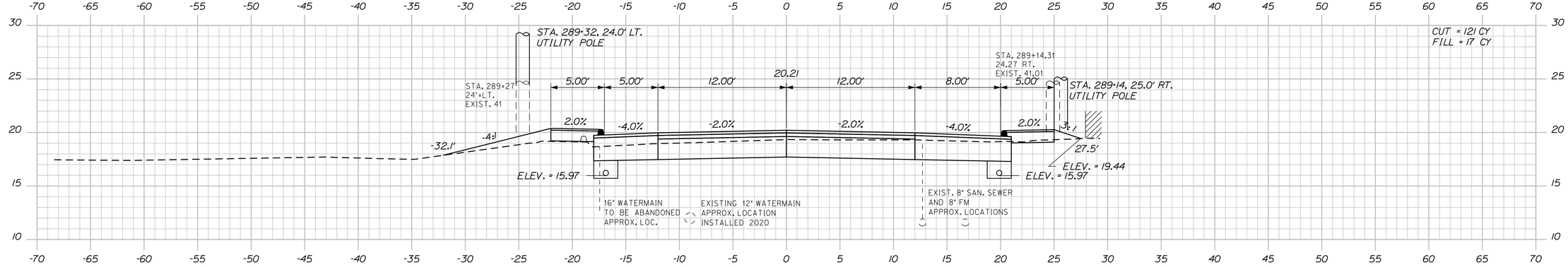
Filename: ...\msta\144_XSECT_288+25_089.dgn Division: HIGHWAY Username: morin Date:4/25/2022

STA. 289+57.00 LT. TO STA. 290+48.00 LT.
INSTALL 18" TYPE C UD. 91 LF

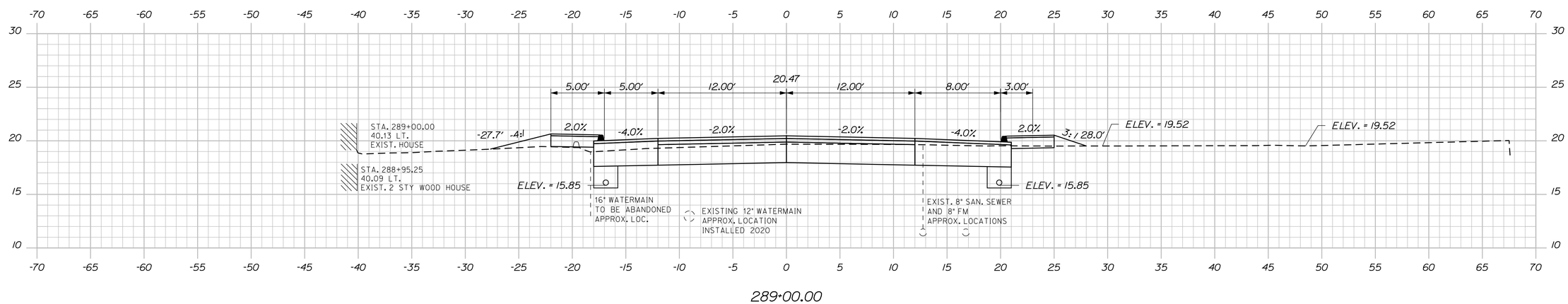
STA. 289+57.00 RT. TO STA. 290+48.00 RT.
INSTALL 15" TYPE C UD. 91 LF



289+50.00



289+25.00



289+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

PROJ. MANAGER	ERNIE MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALC		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

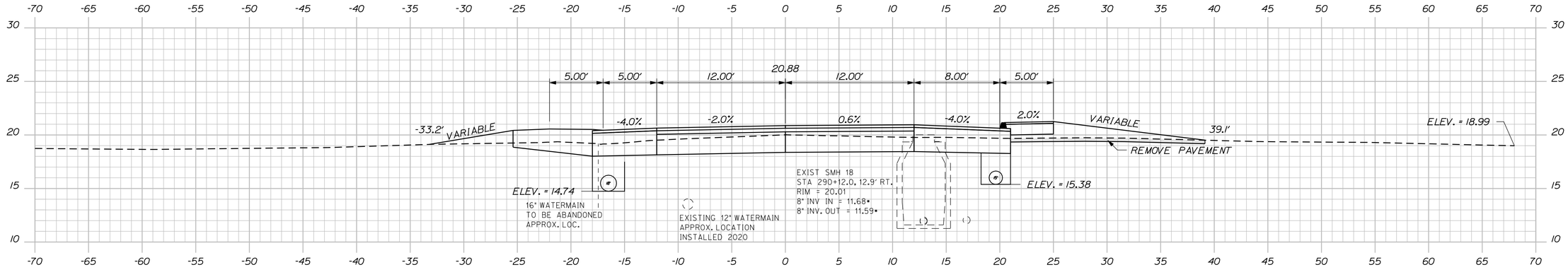
SHEET NUMBER

145

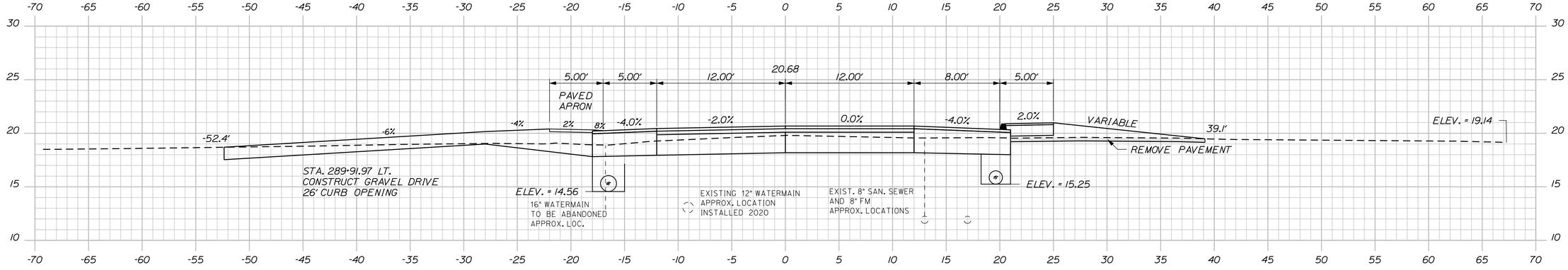
OF 292

Sta. 289+00.00 to Sta. 289+50.00

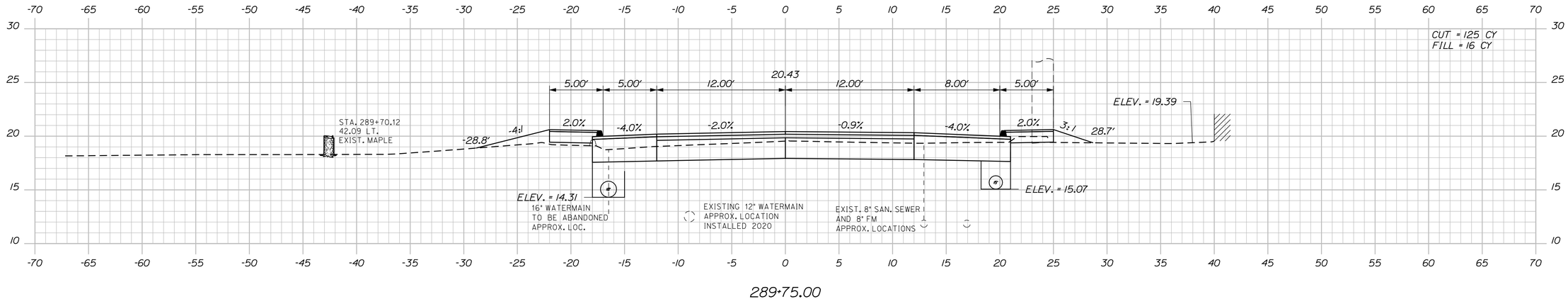
Filename: ...\MSTA\145_XSECT_289+00_090.dgn Username: morin Division: HIGHWAY Date:5/2/2022



290+00.00



289+89.85



289+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER

DATE

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG		4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SEARSPORT
US ROUTE 1

CROSS SECTIONS

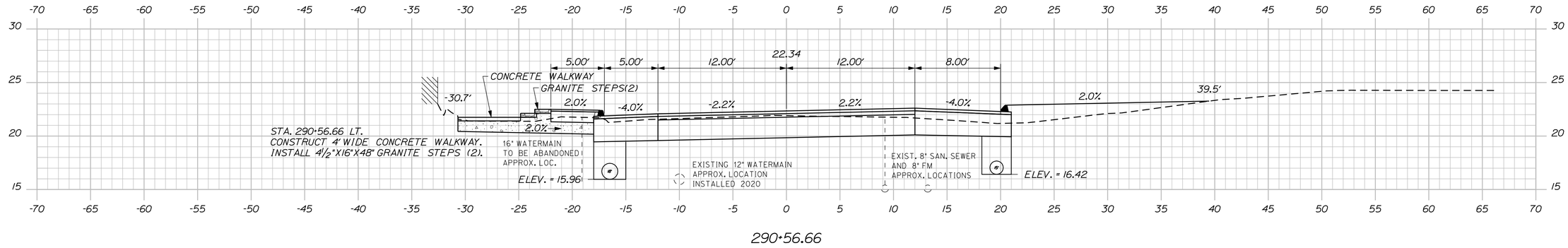
SHEET NUMBER

146

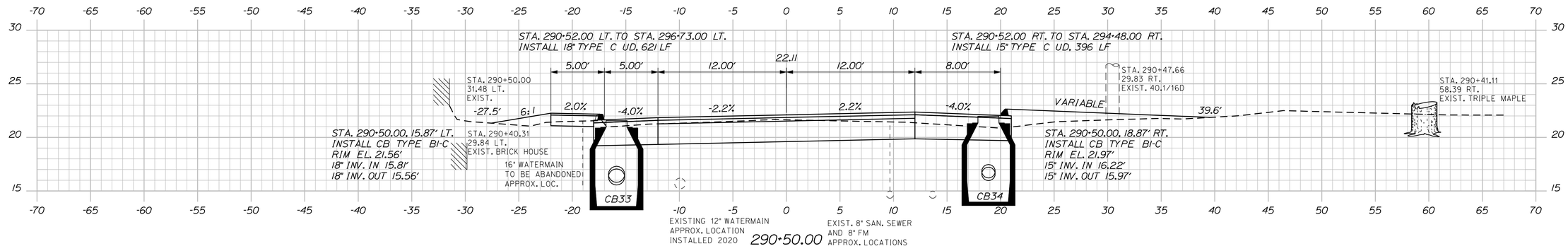
OF 292

Sta. 289+75.00 to Sta. 290+00.00

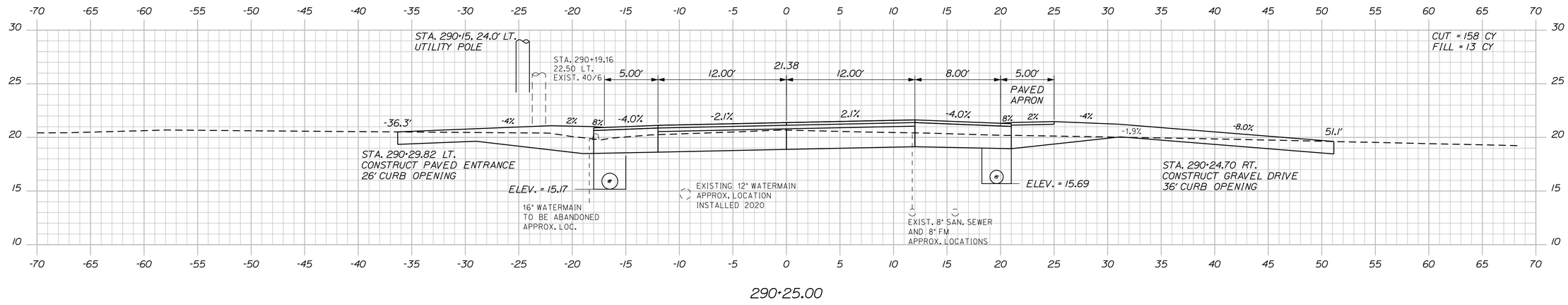
Filename: ...\mslo\146_XSECT_289+75_091.dgn Division: HIGHWAY Username: morin Date:4/25/2022



290+56.66



290+50.00



290+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNIE MARTIN		
DESIGN-DETAILED	MSM	MSM	4-22
CHECKED-REVIEWED	ALG	ALG	4-22
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER

DATE

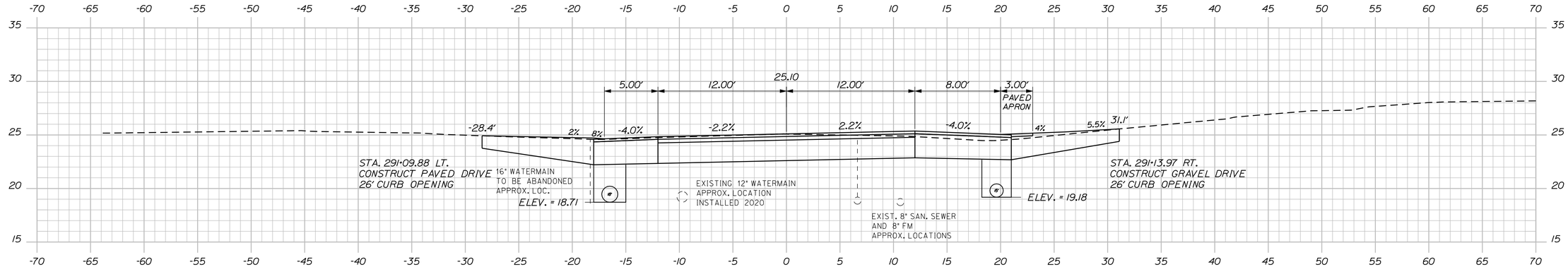
SEARSPORT
US ROUTE 1

CROSS SECTIONS

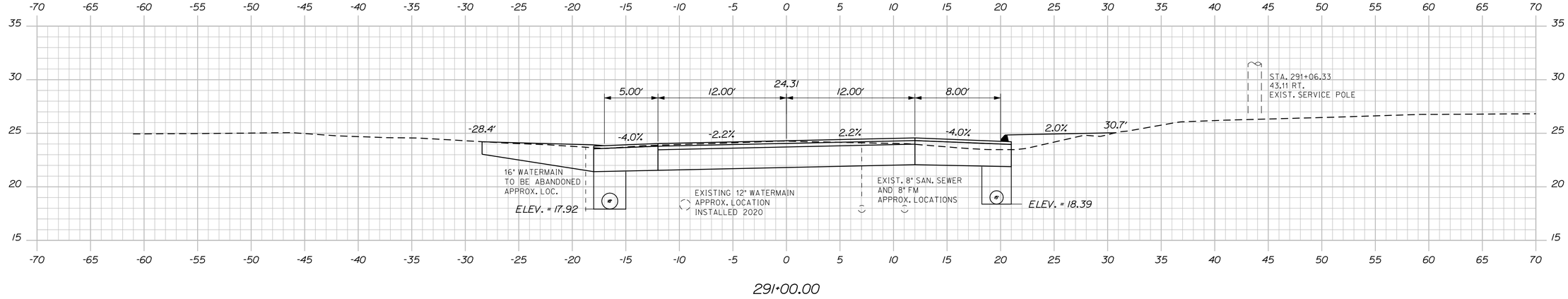
SHEET NUMBER
147
OF 292

Sta. 290+25.00 to Sta. 290+56.66

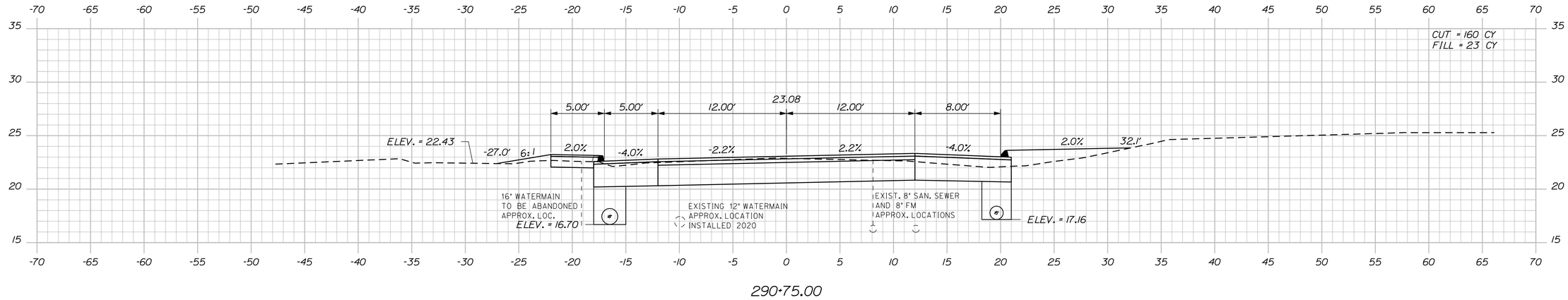
Filename: ...\msta\147_XSECT_290+25_092.dgn Division: HIGHWAY Username: morin Date:4/25/2022



291+13.97



291+00.00



290+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1728(100)E

WIN
17281.00

HIGHWAY PLANS

SIGNATURE
4226
P.E. NUMBER
DATE

	BY	DATE
PROJ. MANAGER	ERNIE MARTIN	
DESIGN-DETAILED	MSM	4-22
CHECKED-REVIEWED	ALG	4-22
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SEARSPORT
US ROUTE 1

CROSS SECTIONS

SHEET NUMBER
148
OF 292

Sta. 290+75.00 to Sta. 291+13.97

Filename: ...\mslo\148_XSECT_290+75_093.dgn Division: HIGHWAY Username: morin Date:4/25/2022