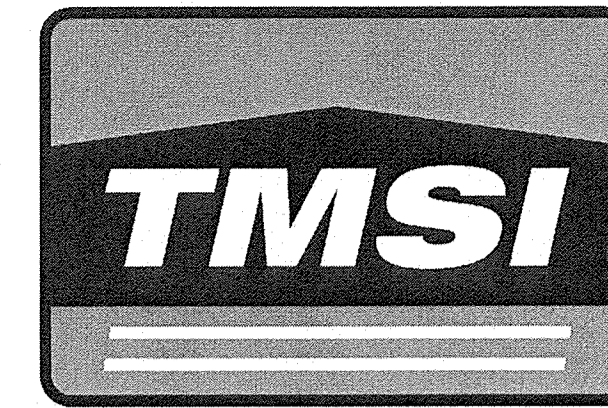


STATE OF MAINE DEPARTMENT OF TRANSPORTATION



POWNAL CUMBERLAND COUNTY HALLOWELL RD. / ELMWOOD RD. 02296200 PROJECT LENGTH : 0.00 MILES

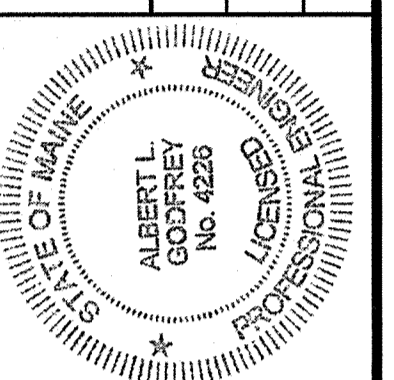
INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Plan	2
Typical Sections, Curb Layout and Profile	3
Cross Sections	4-9
Right of Way Plan	10

PLAN LEGEND

Town, County, State	_____	Centerline-Existing	_____
Property Lines	_____	Centerline-Proposed	_____
R/W Lines-Existing	_____	Travelway-Existing	_____
R/W Lines-Proposed	_____	Travelway-Proposed	_____
Culvert-Existing	=====	Railroad	=====
Culvert Proposed	=====	Catch Basins	Existing Proposed
Curbing	Existing Proposed	Manholes	Existing Proposed
Type 1	=====	Proposed Underdrain	----->
Type 3	=====	Proposed Ditch	----->
Type 5	=====	Existing Ditch	----->
Outline of Bodies of Water	=====	Utility Poles	Existing Proposed
Boring	HB-XXX-###	Fire Hydrants	Existing Proposed
Pavement Core	PC-#	Existing Water Line	-----
Test Pit	TP-XXX-###	Existing San. Sewer	-----
Probe	P-#.#X	Existing San. Sewer Manhole	⊙
#.# = Depth		Guardrail-Existing	-----
X = W (Weathered Rock)		Guardrail-Proposed	-----
R (Refusal)		Guardrail-Cable, Other	-----
NR (No Refusal)		Exposed Bedrock	=====
		Buildings	=====
		Trees	Conifer Deciduous
		Tree Line	-----
		Clearing Limit Line	-----

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER	<i>[Signature]</i>	4-23-21
CHIEF ENGINEER	<i>[Signature]</i>	4-20-20



<i>[Signature]</i>	SIGNATURE	4226	P.E. NUMBER	4/19/21	DATE
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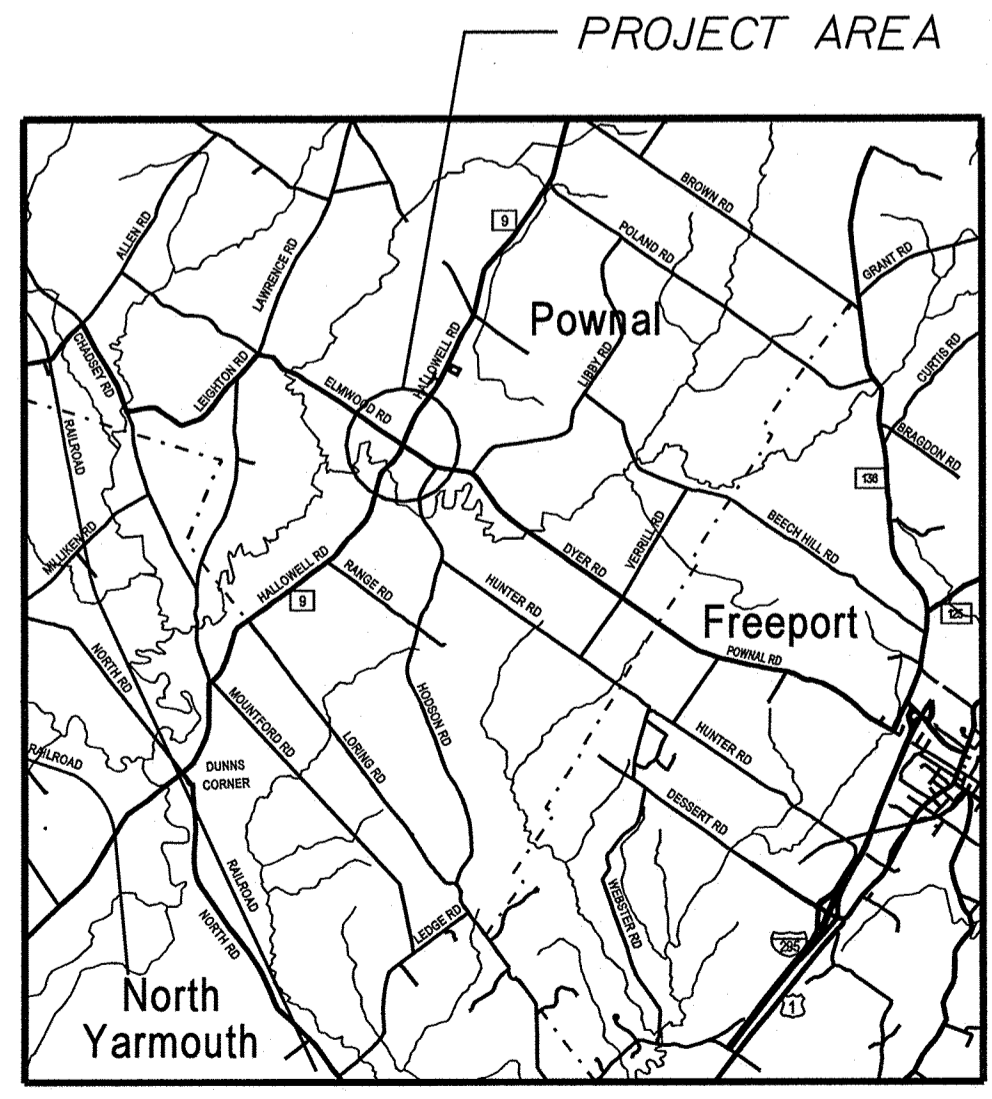
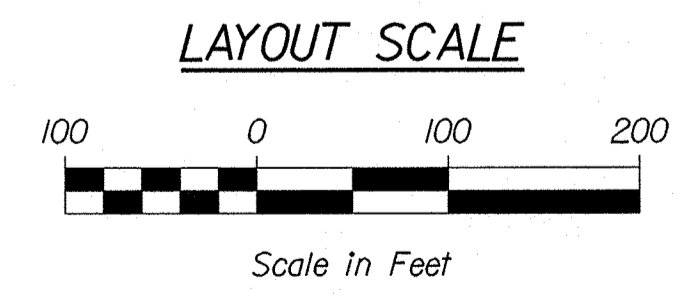
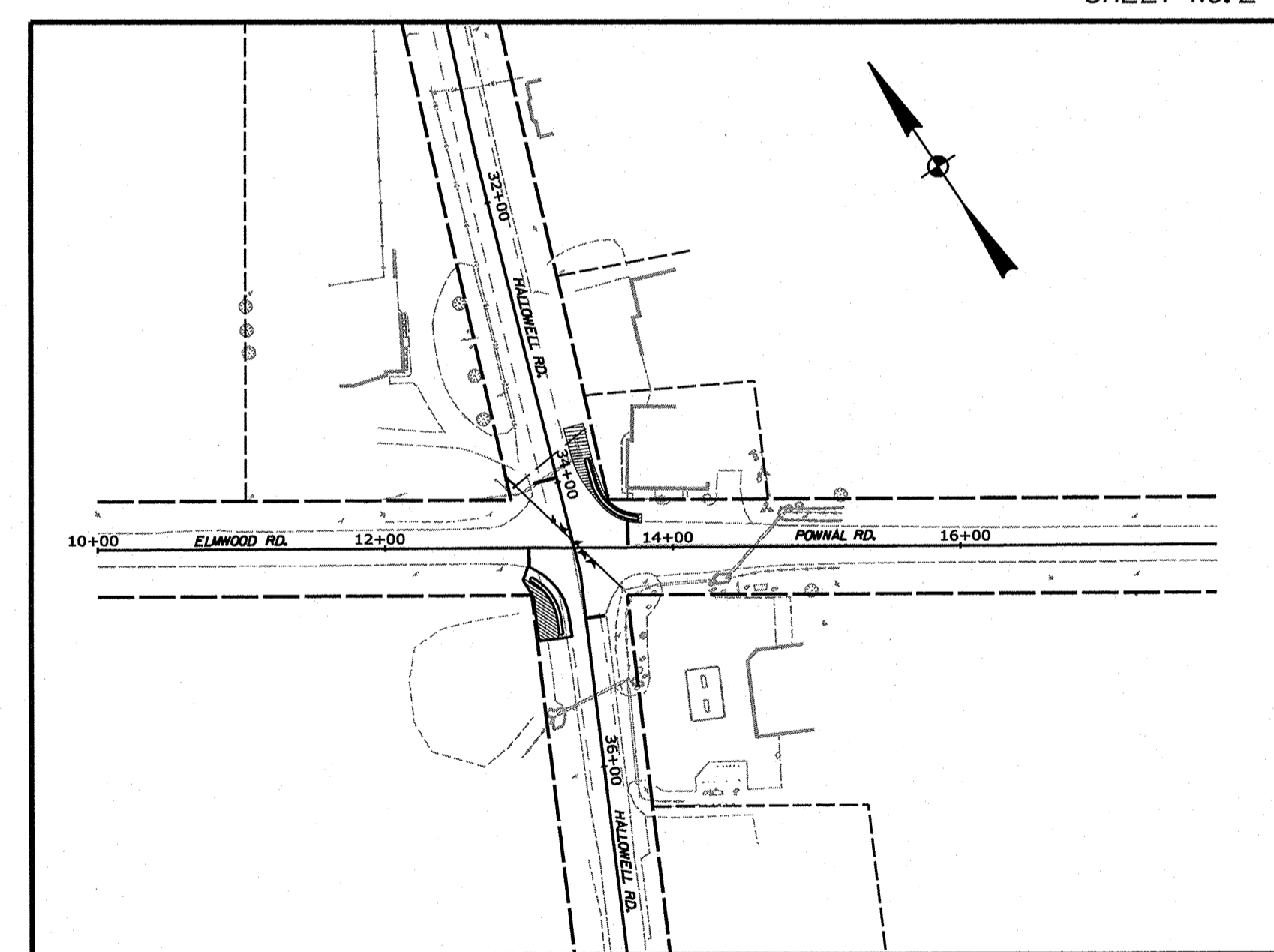
PROGRAM	MULTIMODAL
PROJECT MANAGER	J. DOSTIE
DESIGNER	A. GODFREY
CONSULTANT	TMSI
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

POWNAL
HALLOWELL RD. / ELMWOOD RD.
TITLE SHEET

SHEET NUMBER
1
OF 10

WIN 22962.00

SHEET NO. 2



LOCATION MAP

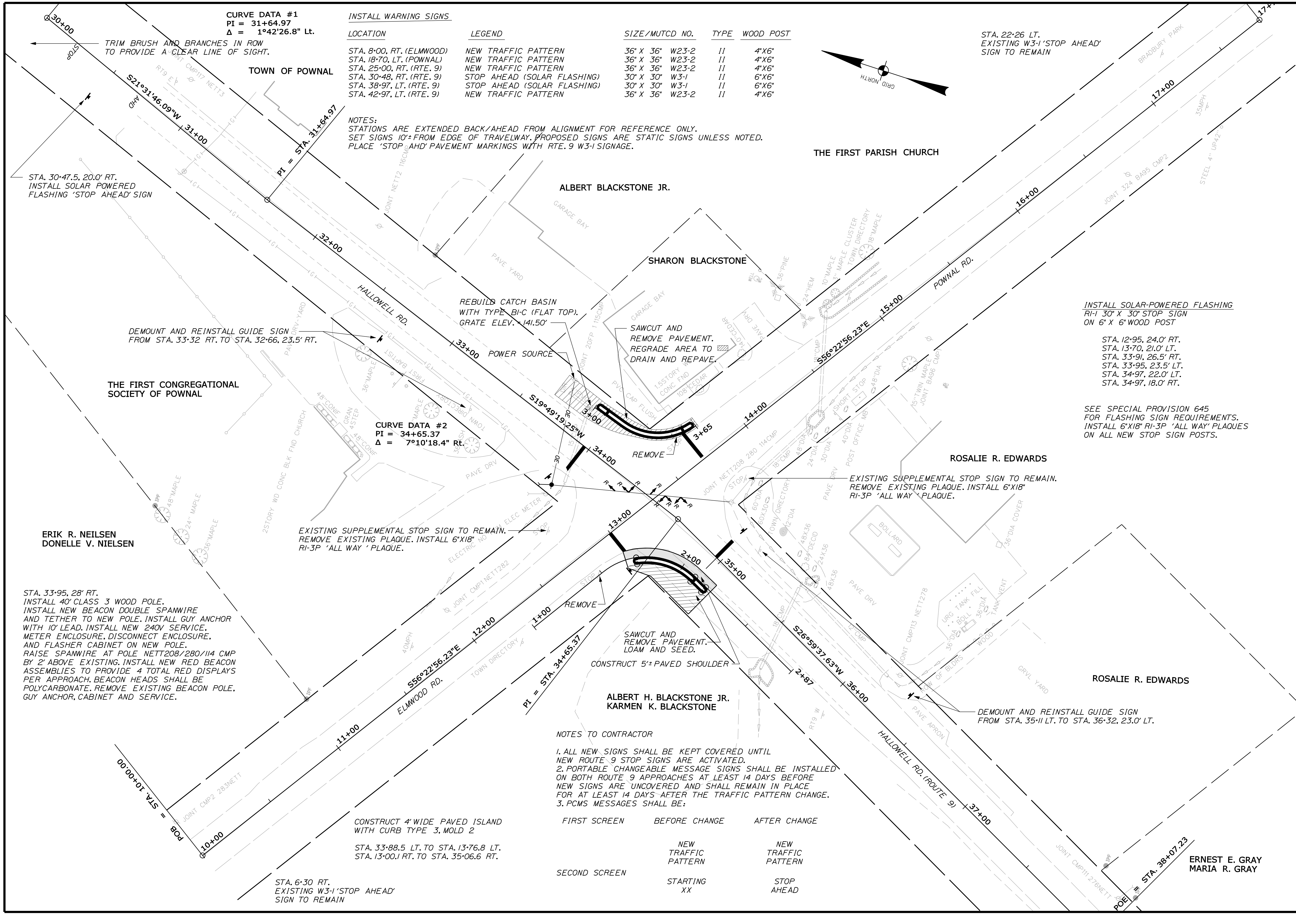
PROJECT LOCATION:	INTERSECTION OF HALLOWELL RD. AND ELMWOOD RD. IN THE TOWN OF POWNAL
PROGRAM AREA:	MULTIMODAL
SCOPE OF WORK:	INTERSECTION AND TRAFFIC SAFETY IMPROVEMENTS

Date: 4/7/2021

Username: morin

Division: HIGHWAY

Filename: ... \002_HDPlant1.dgn
 Division: HIGHWAY
 Username: morin
 Date: 4/7/2021



INSTALL WARNING SIGNS

LOCATION	LEGEND	SIZE/MUTCD NO.	TYPE	WOOD POST
STA. 8+00, RT. (ELMWOOD)	NEW TRAFFIC PATTERN	36" X 36" W23-2	11	4"X6"
STA. 18+70, LT. (POWNAL)	NEW TRAFFIC PATTERN	36" X 36" W23-2	11	4"X6"
STA. 25+00, RT. (RTE. 9)	NEW TRAFFIC PATTERN	36" X 36" W23-2	11	4"X6"
STA. 30+48, RT. (RTE. 9)	STOP AHEAD (SOLAR FLASHING)	30" X 30" W3-1	11	6"X6"
STA. 38+97, LT. (RTE. 9)	STOP AHEAD (SOLAR FLASHING)	30" X 30" W3-1	11	6"X6"
STA. 42+97, LT. (RTE. 9)	NEW TRAFFIC PATTERN	36" X 36" W23-2	11	4"X6"

NOTES:
 STATIONS ARE EXTENDED BACK/AHEAD FROM ALIGNMENT FOR REFERENCE ONLY.
 SET SIGNS 10' FROM EDGE OF TRAVELWAY. PROPOSED SIGNS ARE STATIC SIGNS UNLESS NOTED.
 PLACE 'STOP AHD' PAVEMENT MARKINGS WITH RTE. 9 W3-1 SIGNAGE.

STA. 22+26 LT.
 EXISTING W3-1 'STOP AHEAD'
 SIGN TO REMAIN

INSTALL SOLAR-POWERED FLASHING
 RI-1 30" X 30" STOP SIGN
 ON 6" X 6" WOOD POST

STA. 12+95, 24.0' RT.
 STA. 13+70, 21.0' LT.
 STA. 33+91, 26.5' RT.
 STA. 33+95, 23.5' LT.
 STA. 34+97, 22.0' LT.
 STA. 34+97, 18.0' RT.

SEE SPECIAL PROVISION 645
 FOR FLASHING SIGN REQUIREMENTS.
 INSTALL 6"X18" RI-3P 'ALL WAY' PLAQUES
 ON ALL NEW STOP SIGN POSTS.

NOTES TO CONTRACTOR

- ALL NEW SIGNS SHALL BE KEPT COVERED UNTIL NEW ROUTE 9 STOP SIGNS ARE ACTIVATED.
- PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED ON BOTH ROUTE 9 APPROACHES AT LEAST 14 DAYS BEFORE NEW SIGNS ARE UNCOVERED AND SHALL REMAIN IN PLACE FOR AT LEAST 14 DAYS AFTER THE TRAFFIC PATTERN CHANGE.
- PCMS MESSAGES SHALL BE:

	FIRST SCREEN	BEFORE CHANGE	AFTER CHANGE
NEW TRAFFIC PATTERN		NEW TRAFFIC PATTERN	NEW TRAFFIC PATTERN
STARTING XX		STOP AHEAD	STOP AHEAD

CONSTRUCT 4' WIDE PAVED ISLAND WITH CURB TYPE 3, MOLD 2
 STA. 33+88.5 LT. TO STA. 13+76.8 LT.
 STA. 13+00.1 RT. TO STA. 35+06.6 RT.

STA. 6+30 RT.
 EXISTING W3-1 'STOP AHEAD'
 SIGN TO REMAIN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
02296200
WIN 22962.00
HIGHWAY PLANS

POWNAL
HALLOWELL RD. / ELMWOOD RD.
PLANS

SHEET NUMBER
2
OF 10

ERNEST E. GRAY
 MARIA R. GRAY

ALBERT L. GODFREY
 No. 4226
 LICENSED PROFESSIONAL ENGINEER

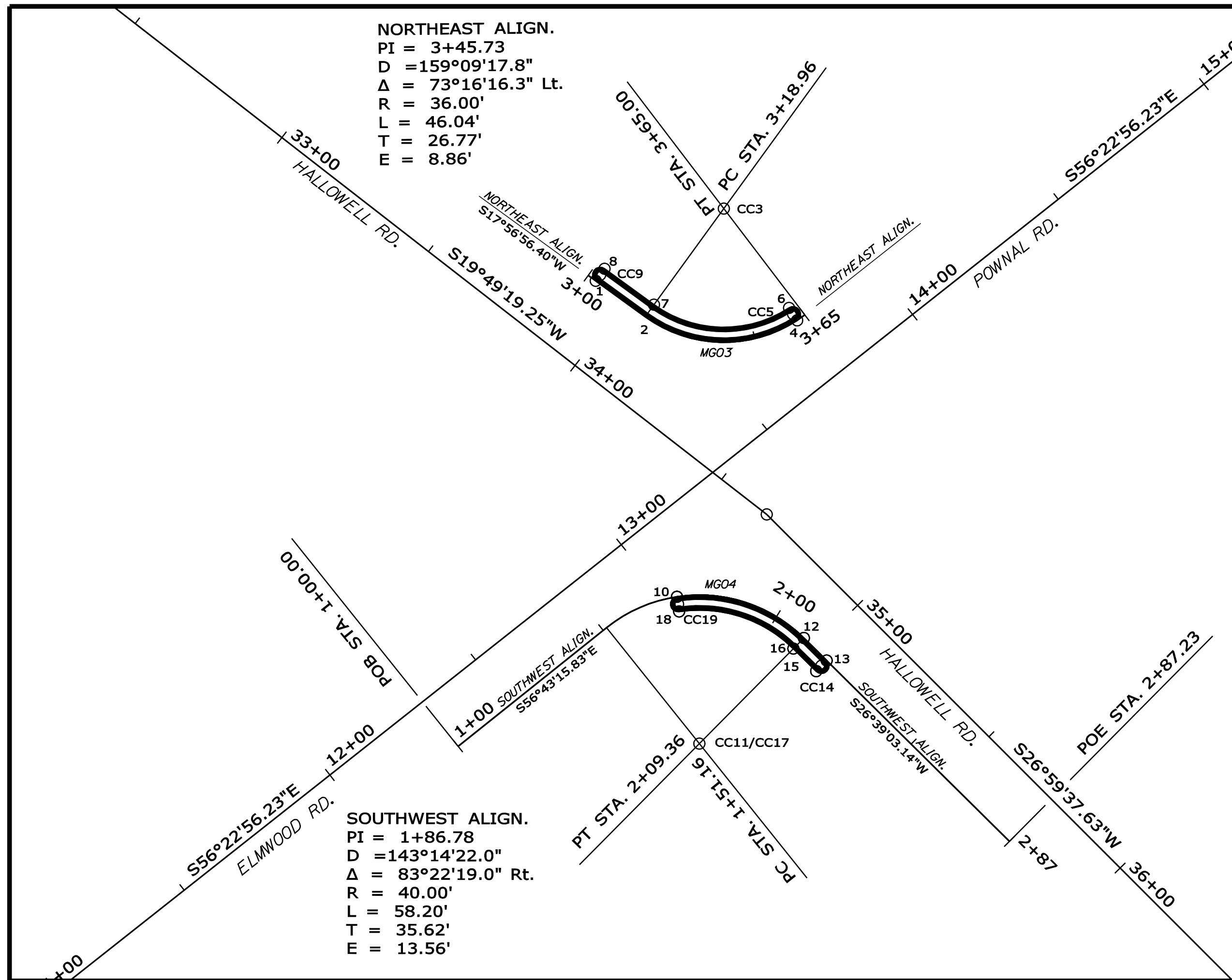
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 DATE: 4/8/21

Date: 4/7/2021

Username: morin

Filename: ... \003_TypicalSections and Curb Details.dwg

Highway

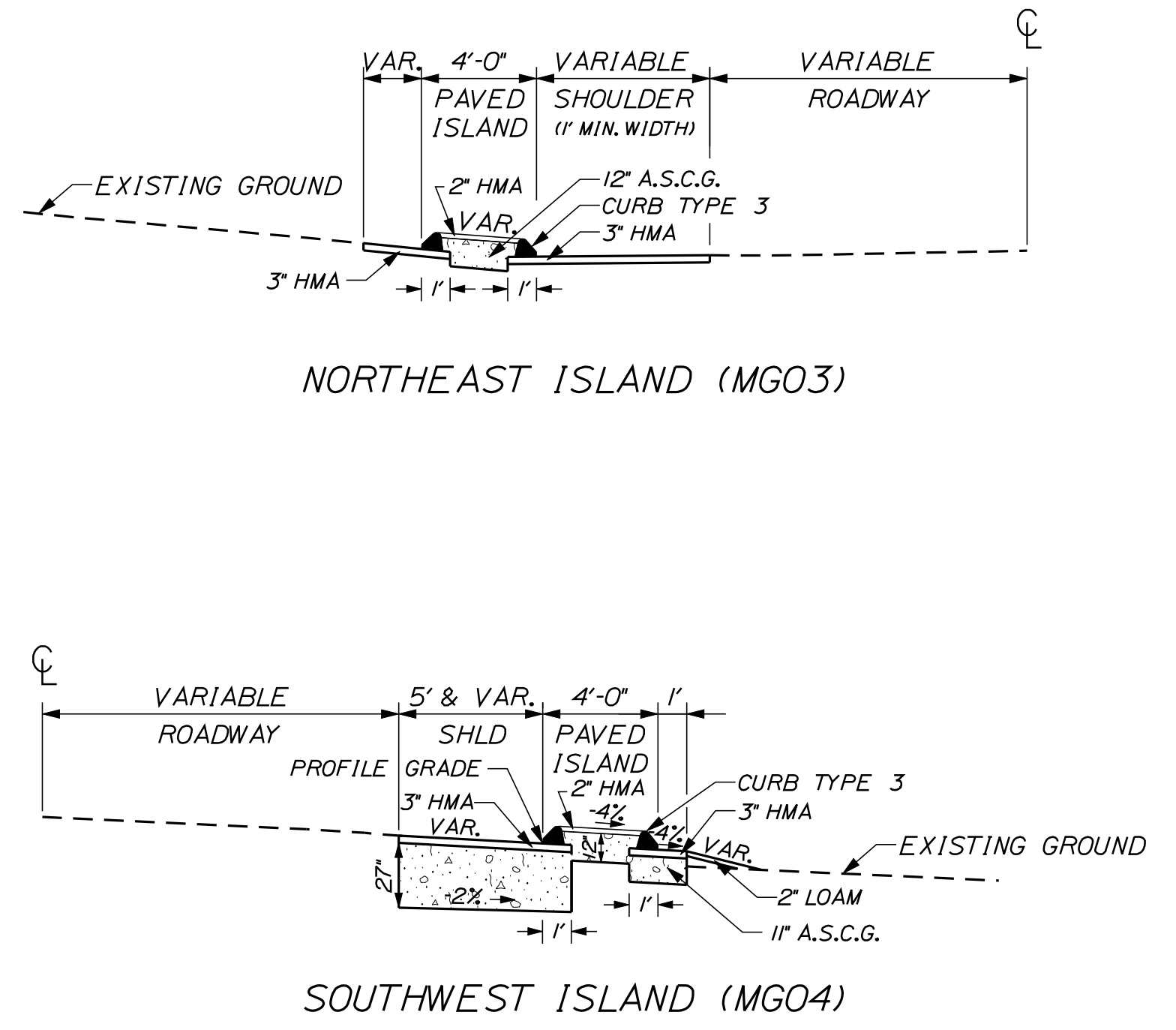
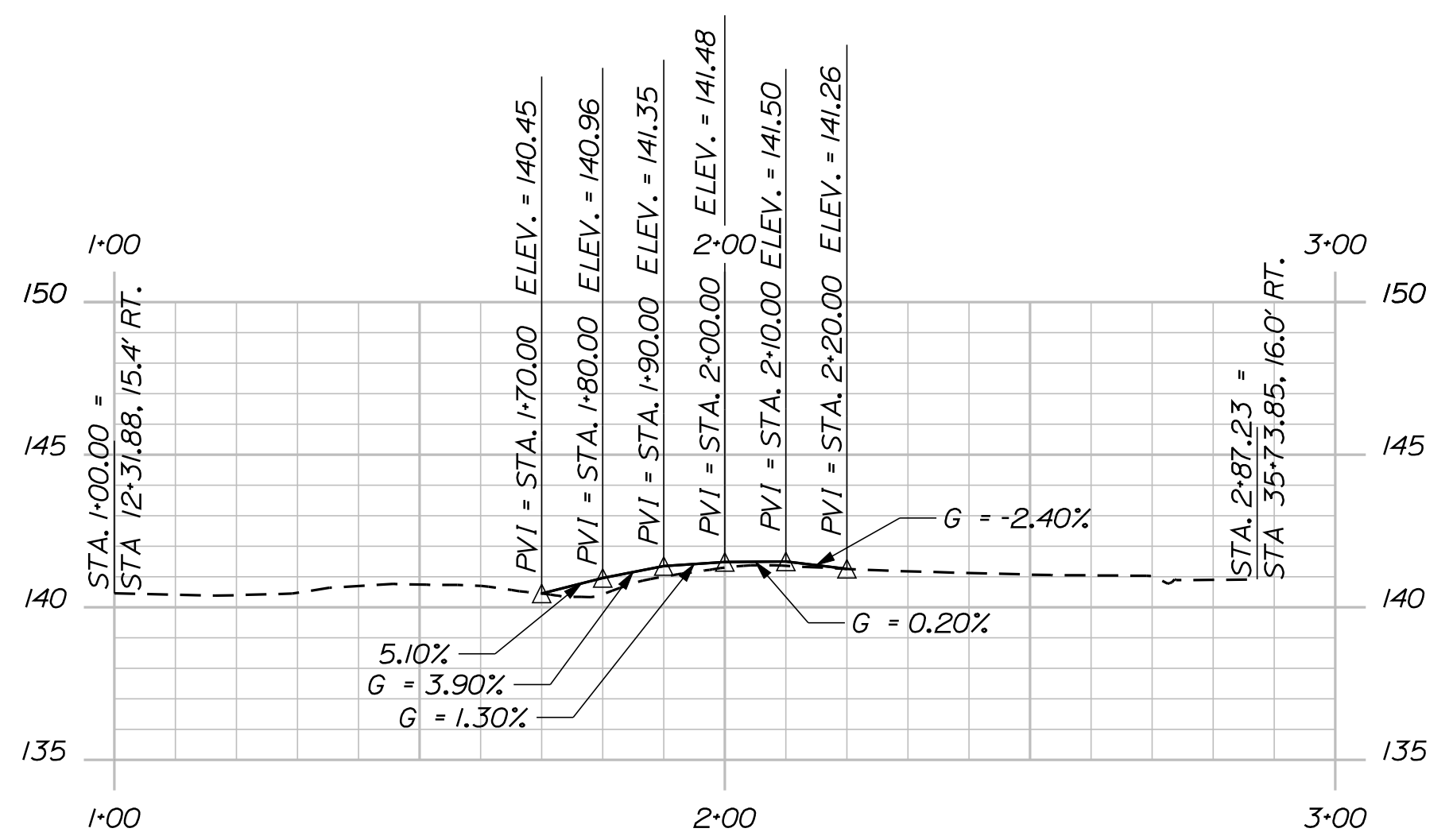
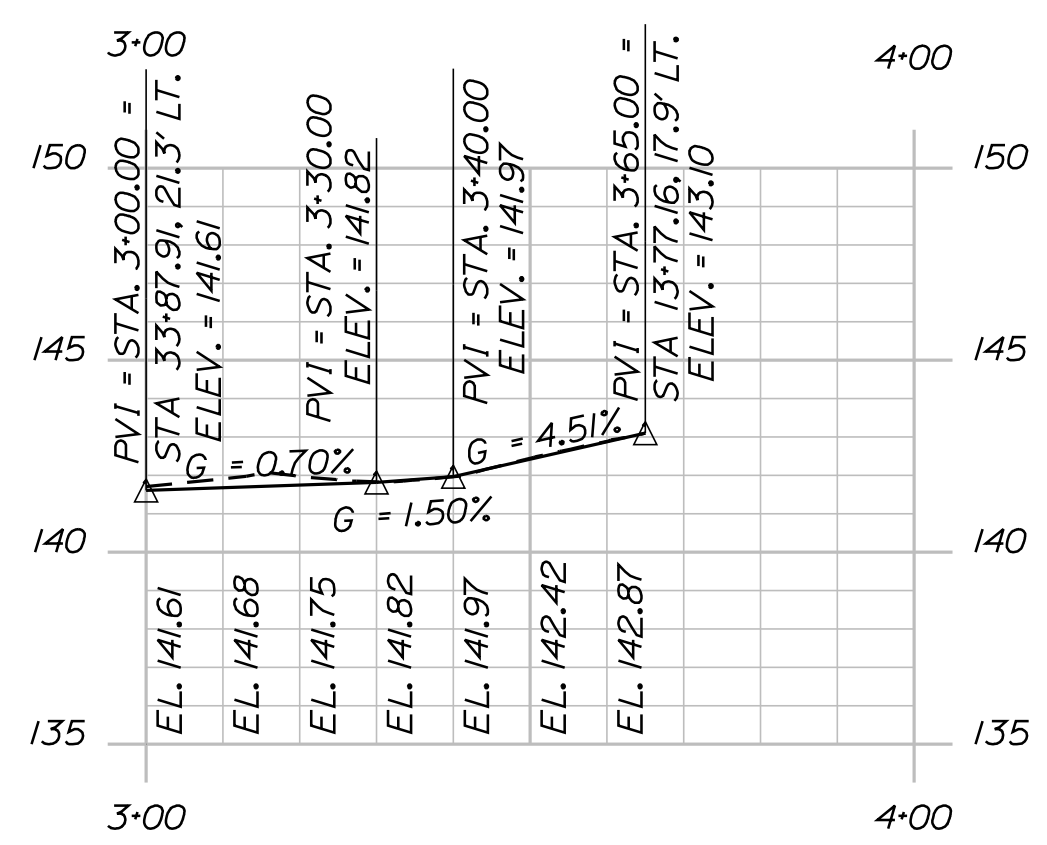


CONTROL POINTS FOR MG03

Point	Station	Offset	NORTHING	EASTING
1	13+38.72	60.01 LT	386068.4178	1034540.9816
2	13+43.16	44.16 LT	386052.7590	1034535.9091
CC3	13+77.82	53.89 LT	386041.6649	1034570.1571
4	13+74.63	18.03 LT	386013.5690	1034547.6488
CC5	13+74.81	20.02 LT	386015.1299	1034548.8992
6	13+74.99	22.01 LT	386016.6908	1034550.1497
7	13+47.01	45.24 LT	386051.5263	1034539.7145
8	13+42.57	61.09 LT	386067.1851	1034544.7869
CC9	13+40.64	60.55 LT	386067.8014	1034542.8842
1	33+90.40	21.41 LT	386068.4178	1034540.9816
2	34+06.86	21.95 LT	386052.7590	1034535.9091
CC3	34+05.68	57.93 LT	386041.6649	1034570.1571
4	34+39.74	46.28 LT	386013.5690	1034547.6488
CC5	34+37.85	46.93 LT	386015.1299	1034548.8992
6	34+35.96	47.58 LT	386016.6908	1034550.1497
7	34+06.72	25.95 LT	386051.5263	1034539.7145
8	33+90.27	25.41 LT	386067.1851	1034544.7869
CC9	33+90.34	23.41 LT	386067.8014	1034542.8842

CONTROL POINTS FOR MG04

Point	Station	Offset	NORTHING	EASTING
10	13+03.07	20.30 RT.	386021.2725	1034466.8309
CC11	12+83.27	55.06 RT.	386003.2896	1034431.1011
12	34+95.99	16.47 RT.	385985.3476	1034466.8514
13	35+04.62	16.41 RT.	385977.6287	1034462.9775
CC14	35+04.63	18.41 RT.	385978.5258	1034461.9900
15	35+04.65	20.41 RT.	385979.4229	1034459.4025
16	34+96.01	20.47 RT.	385987.1418	1034463.2764
CC17	34+96.22	56.47 RT.	386003.2897	1034431.1012
18	13+01.07	23.77 RT.	386019.4944	1034463.2479
CC19	13+02.08	22.04 RT.	386020.3734	1034465.0444



TYPICAL SECTIONS (NOT TO SCALE)

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 02296200
 WIN 22962.00
 HIGHWAY PLANS

ALBERT L. GODFREY
 No. 4226
 PROFESSIONAL ENGINEER

PROJ. MANAGER: J. DOSTIE
 DESIGN DETAILED: ALG
 CHECKED-REVIEWED: ALG
 DESIGN DETAILED: ALG
 REVISIONS: 1
 REVISIONS: 2
 REVISIONS: 3
 REVISIONS: 4
 FIELD CHANGES

DATE: 1-21
 BY: MSM / JLE
 DATE: 1-21

SIGNATURE: [Signature]
 P.E. NUMBER: 4226
 DATE: 4/8/21

POWNAL HALLOWELL RD. / ELMWOOD RD.
 TYPICAL SECTIONS, CURB LAYOUT AND PROFILE

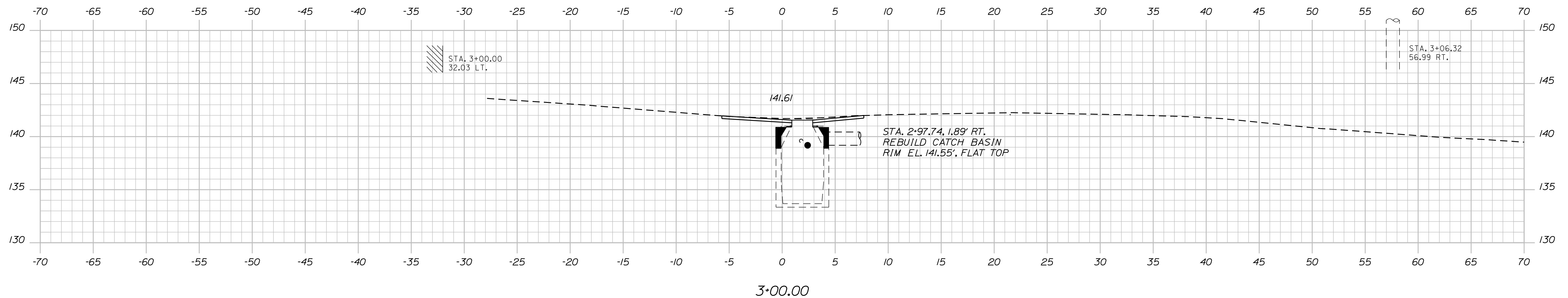
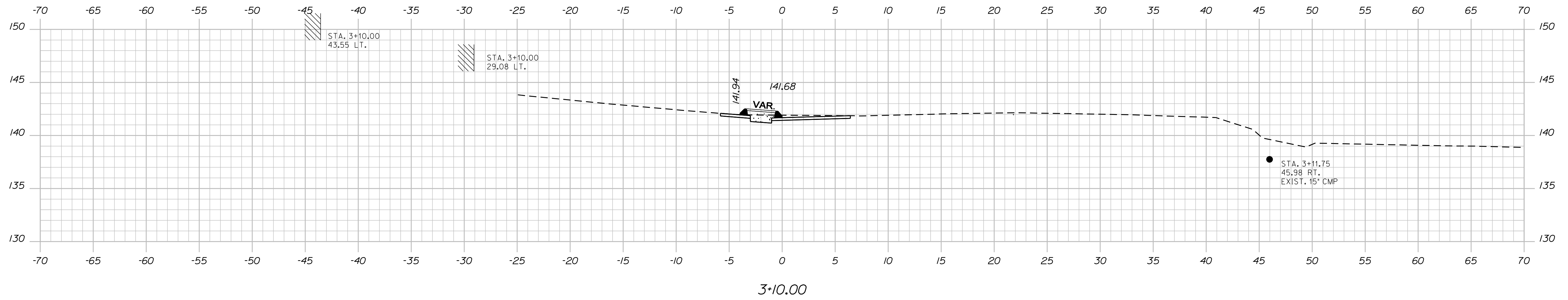
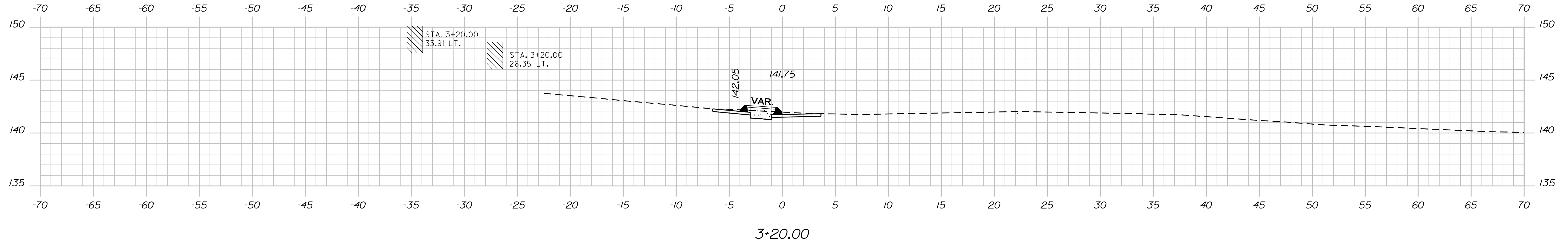
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 OF 10

Date: 4/7/2021

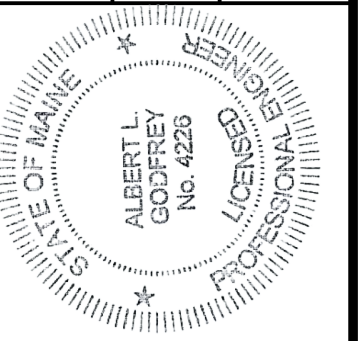
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Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
0229620
WIN
22962.00
HIGHWAY PLANS



Albert J. Morin
SIGNATURE
4226
P.E. NUMBER
4/8/21
DATE

PROJ. MANAGER	DATE	BY	J. DOSTIE
DESIGN DETAILED	1-21	JLE	ALG
CHECKED-REVIEWED	1-21		ALG
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

POWNAI
HALLOWELL RD. / ELMWOOD RD.
CROSS SECTIONS

SHEET NUMBER
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OF 10

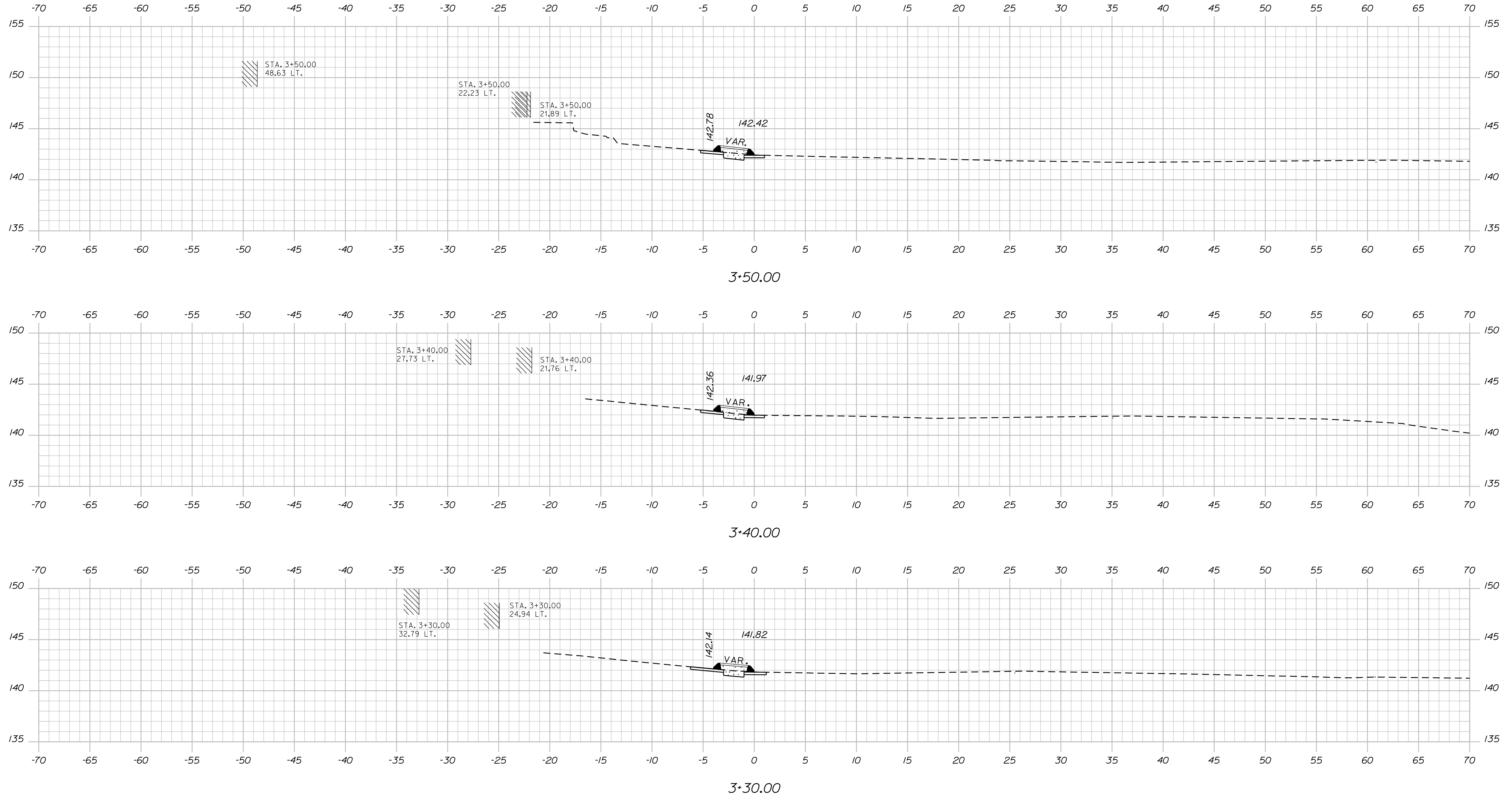
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Date: 4/7/2021

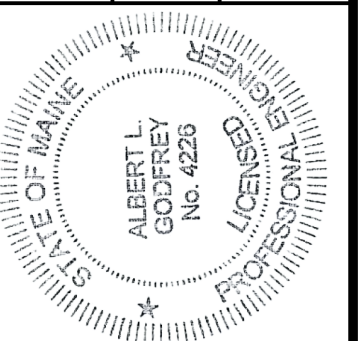
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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
0229260
WIN
22962.00
HIGHWAY PLANS



Albert L. Godier
SIGNATURE
4226
P.E. NUMBER
4/9/21
DATE

PROJ. MANAGER	J. DOSTIE	BY	DATE
DESIGN DETAILED	ALG	JLE	1-21
CHECKED-REVIEWED	ALG		1-21
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

POWNAI
HALLOWELL RD. / ELMWOOD RD.
CROSS SECTIONS

SHEET NUMBER
5
OF 10

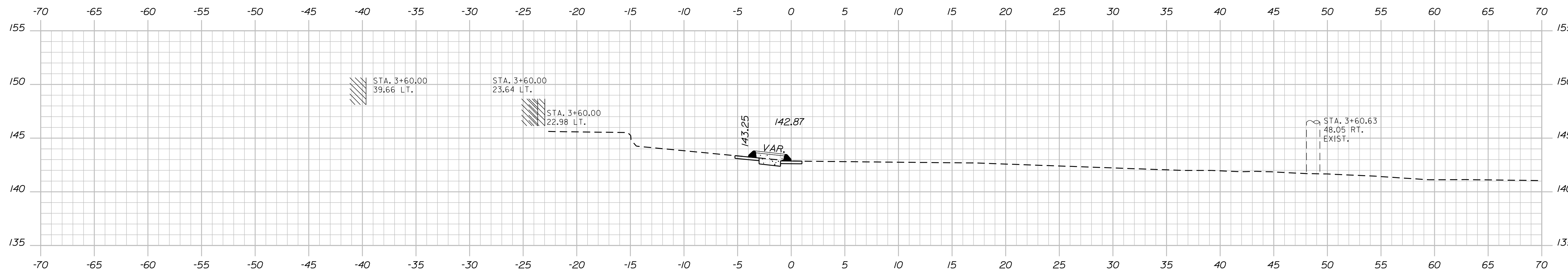
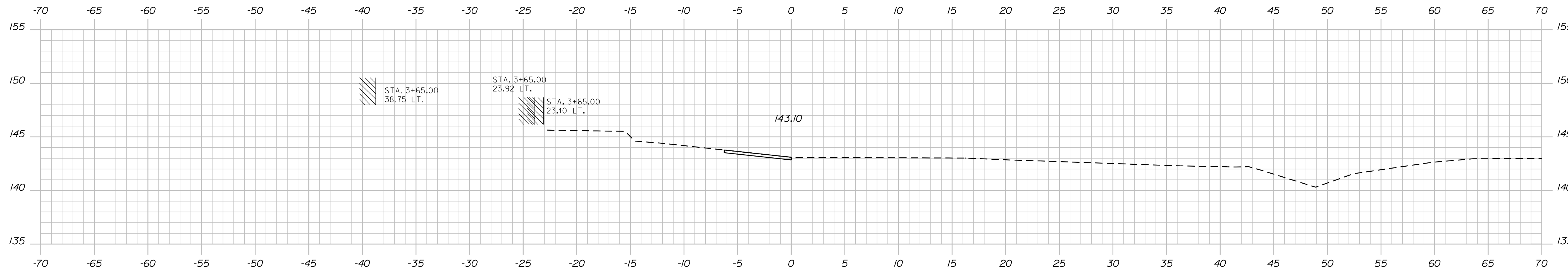
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Date: 4/7/2021

Username: morin

Division: HIGHWAY

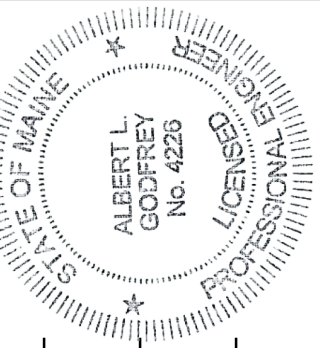
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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

0229620

WIN
22962.00
HIGHWAY PLANS



Albert L. Godfrey
SIGNATURE
4226
P.E. NUMBER
4/8/21
DATE

PROJ. MANAGER	J. DOSTIE	BY	DATE
DESIGN DETAILED	ALG	JLE	1-21
CHECKED-REVIEWED	ALG		1-21
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

POWNAL
HALLOWELL RD. / ELMWOOD RD.
CROSS SECTIONS

SHEET NUMBER

6

OF 10

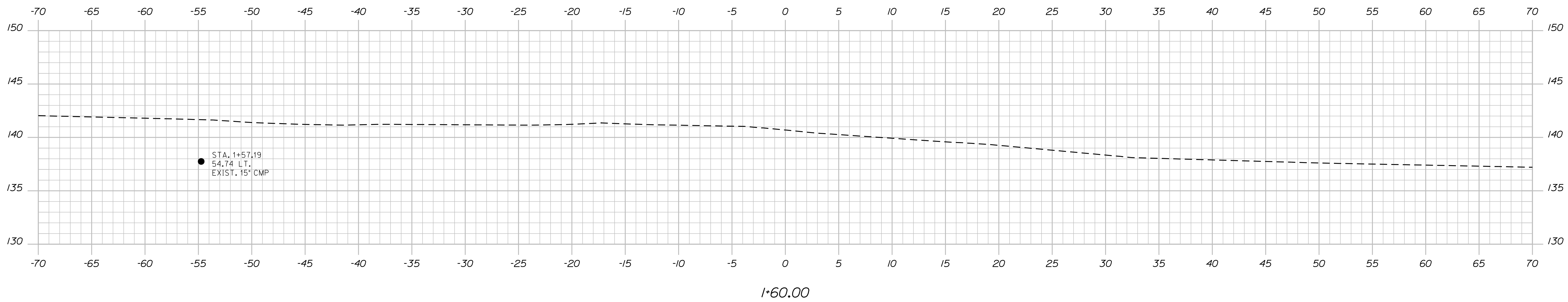
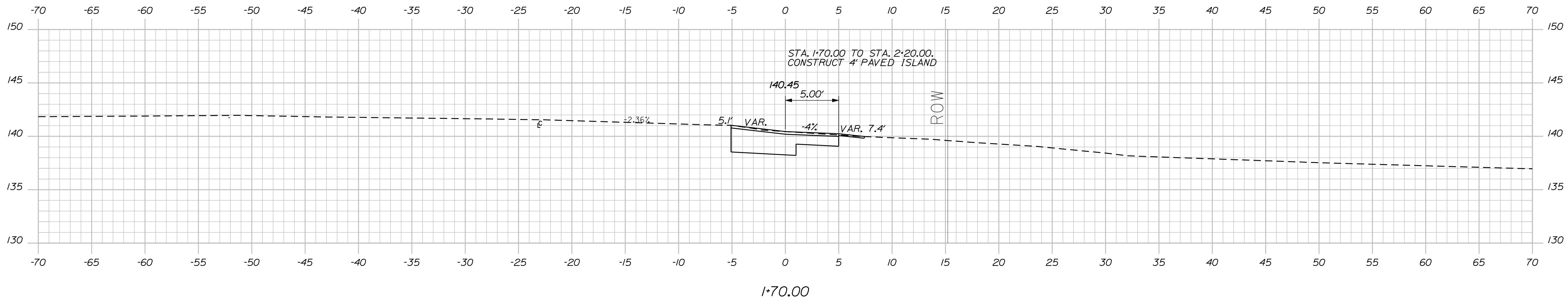
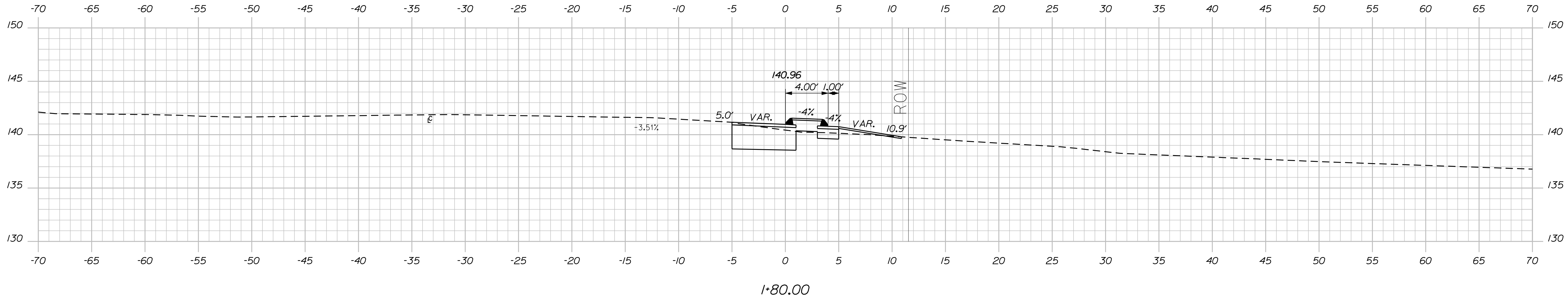
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Date: 4/7/2021

Username: morin

Division: HIGHWAY

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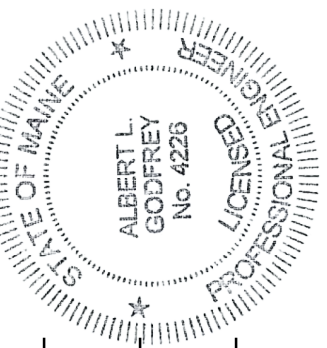
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

00229620

WIN

22962.00

HIGHWAY PLANS



Albert L. Godfrey
SIGNATURE

4226
P.E. NUMBER

4/6/21
DATE

PROJ. MANAGER	J. DOSTIE	BY	DATE
DESIGN DETAILED	ALG	JLE	1-21
CHECKED-REVIEWED	ALG		1-21
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

POWNAL
HALLOWELL RD. / ELMWOOD RD.

CROSS SECTIONS

SHEET NUMBER

7

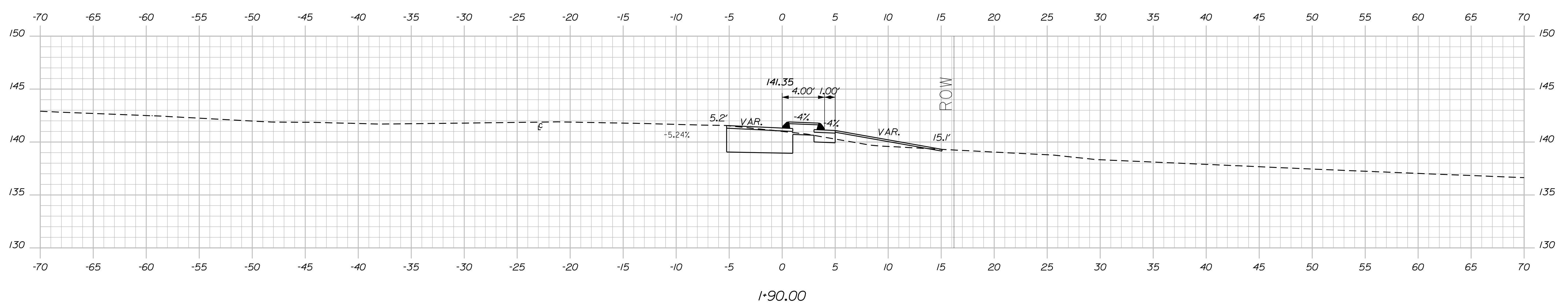
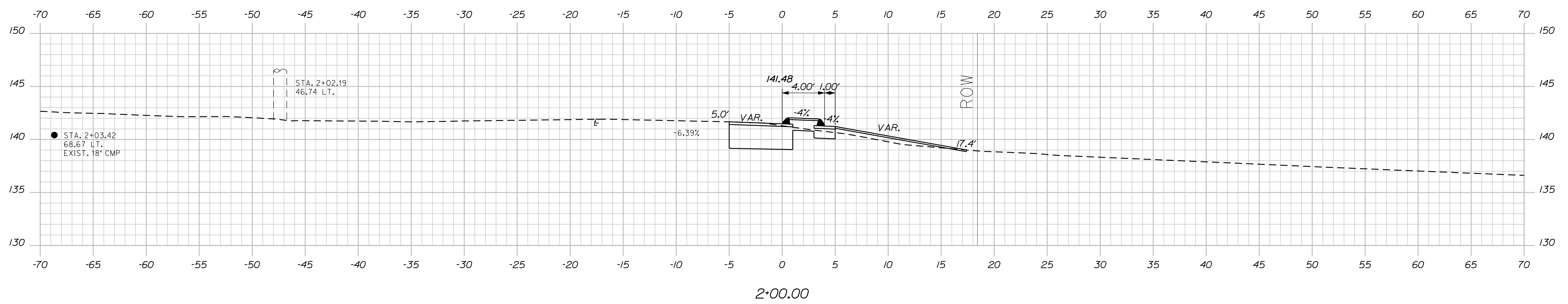
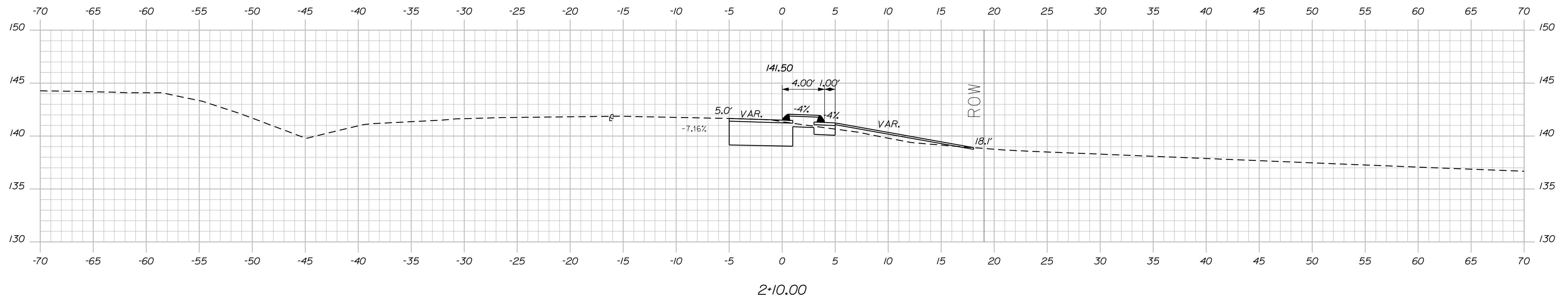
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Date: 4/7/2021

Username: morin

Division: HIGHWAY

Filename: ... \008_XSECT_1+90_004.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
00229620
WIN
22962.00
HIGHWAY PLANS

ALBERT L. GODFREY
No. 4226
PROFESSIONAL ENGINEER
SIGNATURE
P.E. NUMBER
DATE
4/8/21

PROJ. MANAGER	J. DOOSTE	BY	DATE
DESIGN DETAILED	ALG	JLE	1-21
CHECKED-REVIEWED	ALG		1-21
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

POWAL
HALLOWELL RD. / ELMWOOD RD.
CROSS SECTIONS

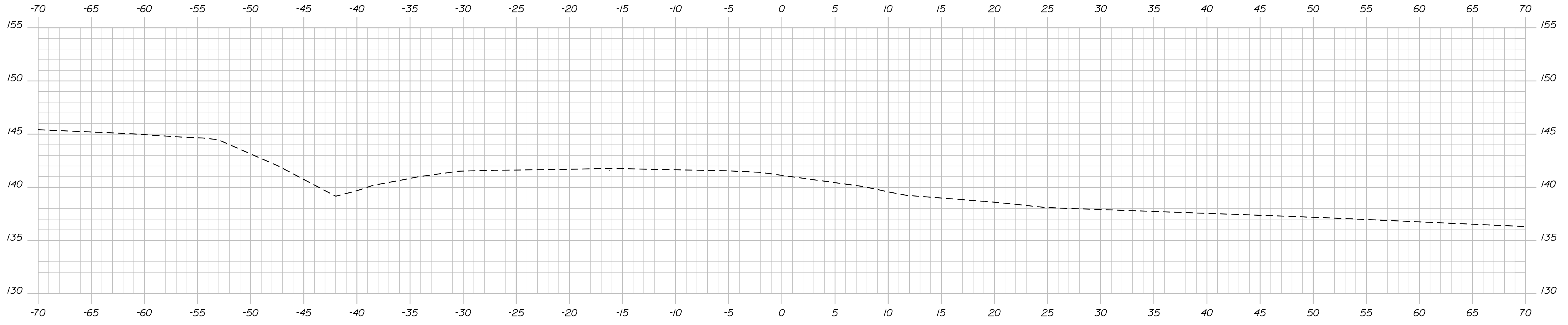
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Date: 4/7/2021

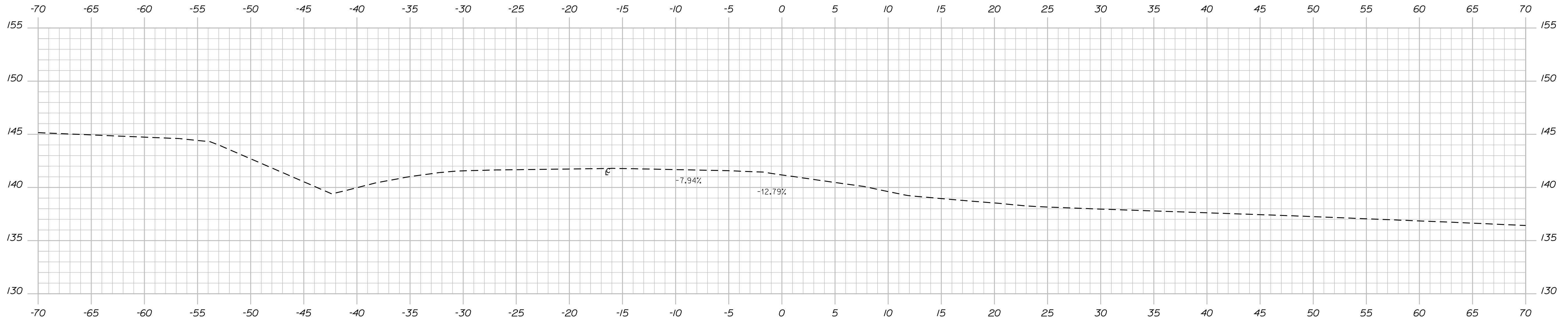
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Division: HIGHWAY

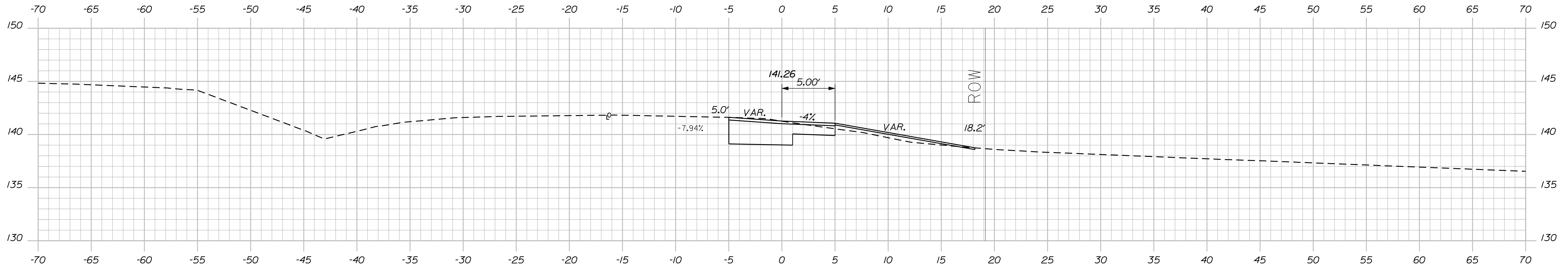
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2+40.00



2+30.00



2+20.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

229620

WIN
22962.00
HIGHWAY PLANS



Albert L. Godfrey
SIGNATURE
4226
P.E. NUMBER
4/8/21
DATE

PROJ. MANAGER	DATE	BY	J. DOSTIE
DESIGN DETAILED	1-21	JLE	ALG
CHECKED-REVIEWED	1-21		ALG
DESIGNS DETAILED			
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

POWNAI
HALLOWELL RD. / ELMWOOD RD.
CROSS SECTIONS

SHEET NUMBER

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