

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



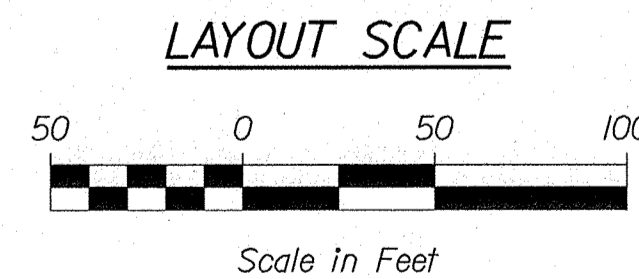
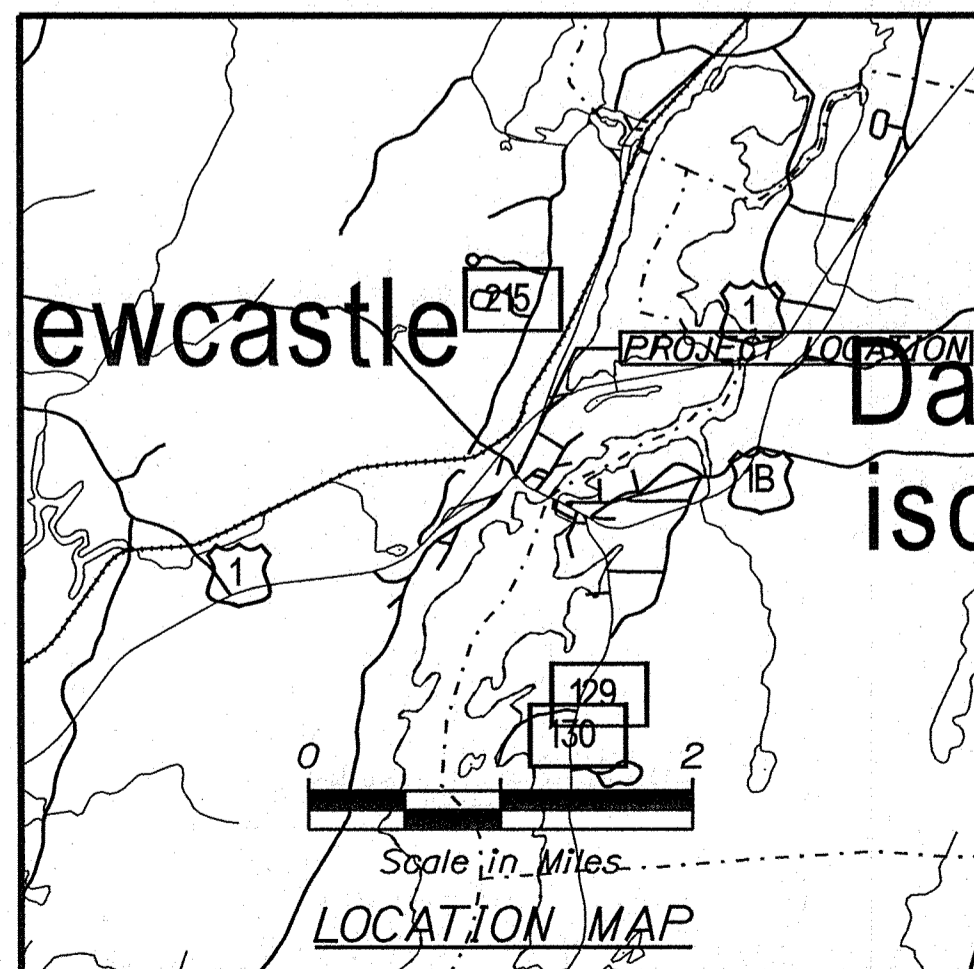
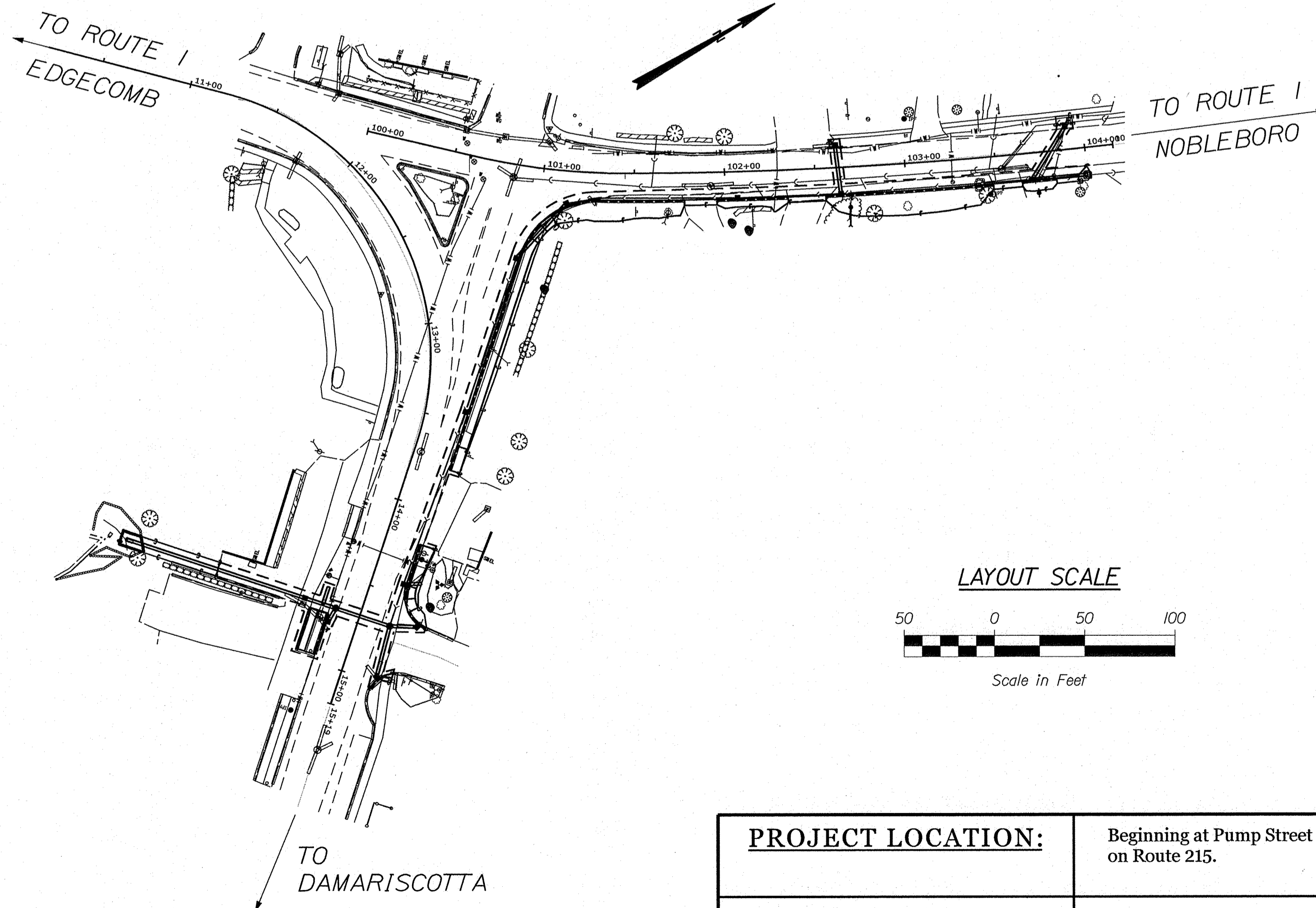
NEWCASTLE LINCOLN COUNTY ROUTES 1B & 215 STATE PROJECT NO. 24355.00 PROJECT LENGTH: 0.16 MILES

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	-----	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	-----
Clearing Limit Line	-----	Travelway-Existing	-----
Railroad	-----	Travelway-Proposed	-----
Boring	⊕ HB-XXX-###	Probe	⊙ P-#.X
Pavement Core	● PC-#	Probe	⊙ P-#.X
Test Pit	⊕ TP-XXX-###	#.# = Depth	
		X = W (Weathered Rock)	
		R (Refusal)	
		NR (No Refusal)	

INDEX OF SHEETS

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TRAFFIC DATA

Current (2023) AADT	11080
Future (2043) AADT	12190
DHV - % of AADT	12%
Design Hour Volume	1463
% Heavy Trucks (AADT)	4%
Directional Distribution (DHV)	53%
Design Speed (mph)	25 MPH
Functional Class	Major Collector
Corridor Priority	2

PROJECT LOCATION:	Beginning at Pump Street and extending northwest 0.05 of a mile on Route 1B and 0.06 of a mile on Route 215.
PROGRAM AREA:	Regional Program
SCOPE OF WORK:	Drainage Improvements

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER:		6/29/23
DEPUTY CHIEF ENGINEER:		6/29/23

SIGNATURE	DATE
R. BETZ	6/18/2023
P.E. NUMBER	13022
DATE	6/18/2023

PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY	R. BETZ	J. BARNES				

NEWCASTLE
ROUTES 1B & 215
TITLE SHEET

SHEET NUMBER
1
OF 11

WIN 24355.00 STATE PROJECT NO. 24355.00

Filename: ...:\00\HIGHWAY\MSTA\001_Title.dgn Date: 6/8/2023 User: adm:fullmer Division: HIGHWAY

Date: 6/15/2023

Username: James.Baines

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\003_CemNotes.dgn

GENERAL NOTES

1. PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL.
2. GRIND TRANSITION TAPERS AT CATCH BASINS UNDER STANDARD SPECIFICATIONS ITEM 202.203, PAVEMENT BUTT JOINTS IN ACCORDANCE WITH STANDARD DETAIL 609(05), GUTTER GRADE TRANSITION AT CATCH BASIN, OR AS DIRECTED BY THE RESIDENT.
3. 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.
4. EXISTING INSLOPES IN PROPOSED FILL AREAS SHALL BE BENCHED BY EXCAVATING STEPS OF SUFFICIENT WIDTH TO PERMIT PLACING AND COMPACTING THE FILL MATERIAL ALONG WITH THE MATERIAL REMOVED.
5. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 2 INCHES OF HOT MIX ASPHALT AND 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.
6. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3 INCHES OF HOT MIX ASPHALT AND 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.
7. 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.
8. CRUSHED STONE ENTRANCES SHALL BE CONSTRUCTED WITH 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 2 INCHES OF CRUSHED STONE SURFACE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
9. A 3-FOOT PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
10. 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.
11. 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.
12. THE ALGEBRAIC DIFFERENCE BETWEEN TRAVELWAY AND SHOULDER CROSS SLOPE SHALL NOT EXCEED 8 PERCENT.
14. 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).
15. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
16. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
17. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
18. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
19. 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.
20. 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.
21. 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.
22. 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.

23. 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.
24. 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.
25. DIRTY BORROW HAS BEEN ESTIMATED FOR ALL DISTURBED SLOPE AREAS OTHER THAN LAWN AREAS. ACTUAL PLACEMENT OF THE DIRTY BORROW SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
26. 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.
27. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
28. DIRTY BORROW SHALL BE PLACED TO A NOMINAL DEPTH OF 2 INCHES UNLESS OTHERWISE NOTED OR DIRECTED.
29. 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.
30. 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.
31. 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.
32. THE PROJECT GEOTECHNICAL REPORT TITLED "GEOTECHNICAL DATA REPORT FOR DRAINAGE IMPROVEMENTS ON ROUTES 1B & 215", SOILS REPORT 2023-13, MAY 24, 2023, CAN BE ACCESSED AT THE MAINE DOT WEBSITE [HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/](http://www.maine.gov/mdot/contractors/).
33. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THE BID DOCUMENTS IS FOR THE USE OF THE BIDDERS. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF THE ACTUAL SUBSURFACE CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. MAINE DOT WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS PROVIDED IN THE BID DOCUMENTS (IF ANY) PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.
34. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
35. 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.
36. 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.
37. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
38. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.
39. ALL HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES SHALL BE A 9.5 MM OR 12.5 MM MAINE DOT 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, 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.

NEWCASTLE ROUTES 1B & 215 GENERAL NOTES	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 24355.00 WIN 24355.00 HIGHWAY PLANS																																				
SHEET NUMBER <div style="font-size: 2em; font-weight: bold; margin: 0;">3</div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">PROJ. MANAGER</td> <td style="width: 25%;">R. BETZ</td> <td style="width: 25%;">BY</td> <td style="width: 25%;">DATE</td> </tr> <tr> <td>DESIGN-DETAILED</td> <td>J. BAINES</td> <td></td> <td>MAY 2023</td> </tr> <tr> <td>CHECKED-REVIEWED</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DESIGN-DETAILED</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 4</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">FIELD CHANGES</td> </tr> </table>	PROJ. MANAGER	R. BETZ	BY	DATE	DESIGN-DETAILED	J. BAINES		MAY 2023	CHECKED-REVIEWED				DESIGN-DETAILED				REVISIONS 1				REVISIONS 2				REVISIONS 3				REVISIONS 4				FIELD CHANGES			
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CONSTRUCTION NOTES

1. FINAL STRIPING SHALL NOT COMMENCE UNTIL 10 DAYS HAVE LAPSED FROM THE COMPLETION OF SURFACE PAVING AND SHALL BE COMPLETED WITHIN 20 DAYS OF THE COMPLETION OF SURFACE PAVING. MAINTENANCE OF TRAFFIC CONTROL DEVICES WILL NOT BE PAID WHILE WAITING TO FINAL STRIPE.
2. TMS SHALL BE PLACED ON ALL PAVEMENT LAYERS UNTIL TEMPORARY PAINT IS APPLIED AND SHALL BE REMOVED PRIOR TO FINAL STRIPING. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
3. 100% OF THE MILLINGS FROM THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
4. ALL NEW CATCH BASINS SHALL BE TYPE A5-C WITH OFFSET CONES TO ALLOW FOR CONE TO BE ROTATED TO MATCH CURB AND HEADER.
5. ALL OPT. III PIPE WILL BE TRIPLE WALL, EXCEPT PIPE THAT IS CONNECTED TO EXISTING SYSTEMS, WHICH WILL MATCH AND TIE INTO THE EXISTING PIPE. CONNECTIONS TO THE EXISTING DRAINAGE SYSTEM WILL BE INCIDENTAL TO THE CONTRACT.
6. ALL PEDESTRIAN RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD DETAILS 801(II)-801(27) AND SPECIAL PROVISION 608.
7. ALL TYPE I CURB TERMINAL ENDS WILL BE 8 FEET LONG UNLESS OTHERWISE NOTED.
8. EXCAVATION, REMOVAL OF CONFLICTING DRAINAGE, AND PLACEMENT OF EXCAVATED MATERIAL FOR BACKFILL REQUIRED TO INSTALL DRAINAGE PIPES WILL BE CONSIDERED INCIDENTAL TO THEIR RESPECTIVE ITEM NUMBERS.
9. LOAM WILL BE PLACED AT A NOMINAL DEPTH OF 4", UNLESS DIRECTED OTHERWISE BY THE RESIDENT. SEEDING SHALL BE METHOD #1 AND MAY BE DONE BY HAND.
10. ANY NECESSARY CURB REMOVAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

603.159 12" CULV PIPE OPT III			
FROM STATION	OFFSET	TO STATION	OFFSET
14+68	32 LT	14+68	18 LT
14+76	15 RT	14+68	14 RT
102+60	14 LT	102+65	14 RT
103+75	14 RT	103+90	14 LT

603.169 15" CULV PIPE OPT III			
FROM STATION	OFFSET	TO STATION	OFFSET
14+97	20 LT	14+68	18 LT
101+20	18 RT	100+90	51 RT

603.179 18" CULV PIPE OPT III			
FROM STATION	OFFSET	TO STATION	OFFSET
14+68	18 LT	14+68	14 RT
14+68	14 RT	14+68	32 RT
14+68	32 RT	14+68	135 RT

604.15 MANHOLE	
STATION	OFFSET
14+68	16.5 LT
14+68	14 RT

604.183 MODIFY MH/CB	
STATION	OFFSET
102+07	14 RT

604.252 CB A5-C	
STATION	OFFSET
12+78	55 LT
13+45	22 LT
14+44	18 LT
14+68	32 LT
14+68	32 RT
14+77	15 RT
14+97	20 LT
102+60	14 LT
102+65	14 RT
103+75	14 RT
103+90	14 LT

605.11 12" UNDERDRAIN TYPE "C"			
FROM STATION	OFFSET	TO STATION	OFFSET
103+77	14 RT	103+85	14 RT

605.12 15" UNDERDRAIN TYPE "C"			
FROM STATION	OFFSET	TO STATION	OFFSET
102+67	14 RT	103+73	14 RT
103+77	14 RT	103+85	14 RT
101+27	18 RT	102+06	14 RT
102+10	14 RT	102+63	14 RT
12+78	55 LT	13+45	22 LT
13+45	22 LT	14+44	18 LT
14+44	18 LT	14+68	18 LT

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
304.10	ASCG - TYPE D	230	CY
403.209	HOT MIX ASPHALT 9.5MM INCIDENTALS	50	T
403.213	HOT MIX ASPHALT 12.5MM BASE	90	T
409.15	BITUMINOUS TACK COAT - APPLIED	10	G
603.159	12 INCH CULVERT PIPE OPTION III	80	LF
603.169	15 INCH CULVERT PIPE OPTION III	80	LF
603.199	24 INCH CULVERT PIPE OPTION III	120	LF
603.41	24 INCH REINFORCED CONC. PIPE CLASS IV	30	LF
604.15	MANHOLE	2	EA
604.183	MODIFY EXISTING MANHOLE OR CATCH BASIN	1	EA
604.252	CATCH BASIN TYPE A5-C	11	EA
605.11	12 INCH UNDERDRAIN TYPE C	10	LF
605.12	15 INCH UNDERDRAIN TYPE C	450	LF
608.26	DETECTABLE WARNING FIELD	40	SF
609.11	CURB TYPE 1	290	LF
609.238	TERMINAL CURB TYPE 1 - 8 FOOT	9	EA
609.38	RESET CURB TYPE 1	110	LF
610.08	PLAIN RIPRAP	10	CY
615.07	LOAM	10	CY
618.13	SEEDING METHOD NUMBER 1	1	UN
619.12	MULCH	1	UN
627.733	4" WHITE OR YELLOW PAINTED PAVE MRK LINE	600	LF
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.10	AIR COMPRESOR (INC OPERATOR)	10	HR
631.11	AIR TOOL (INC OPERATOR)	10	HR
631.12	ALL PURPOSE EXCAVATOR (INC OPERATOR)	10	HR
631.172	TRUCK - LARGE (INC OPERATOR)	20	HR
631.32	CULVERT CLEANER (INC OPERATOR)	20	HR
639.19	FIELD OFFICE TYPE B	1	EA
652.33	DRUM	25	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	460	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	60	CD
652.38	FLAGGER	960	HR
656.75	TEMP SOIL EROSION & WATER POLLUTION CNRL	1	LS
659.10	MOBILIZATION	1	LS

STATE OF MAINE
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24355.00

WIN
24355.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

DATE

BY

R. BETZ

PROJ. MANAGER

CHECKED-REVIEWED

DESIGN DETAILED

DESIGN DETAILED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

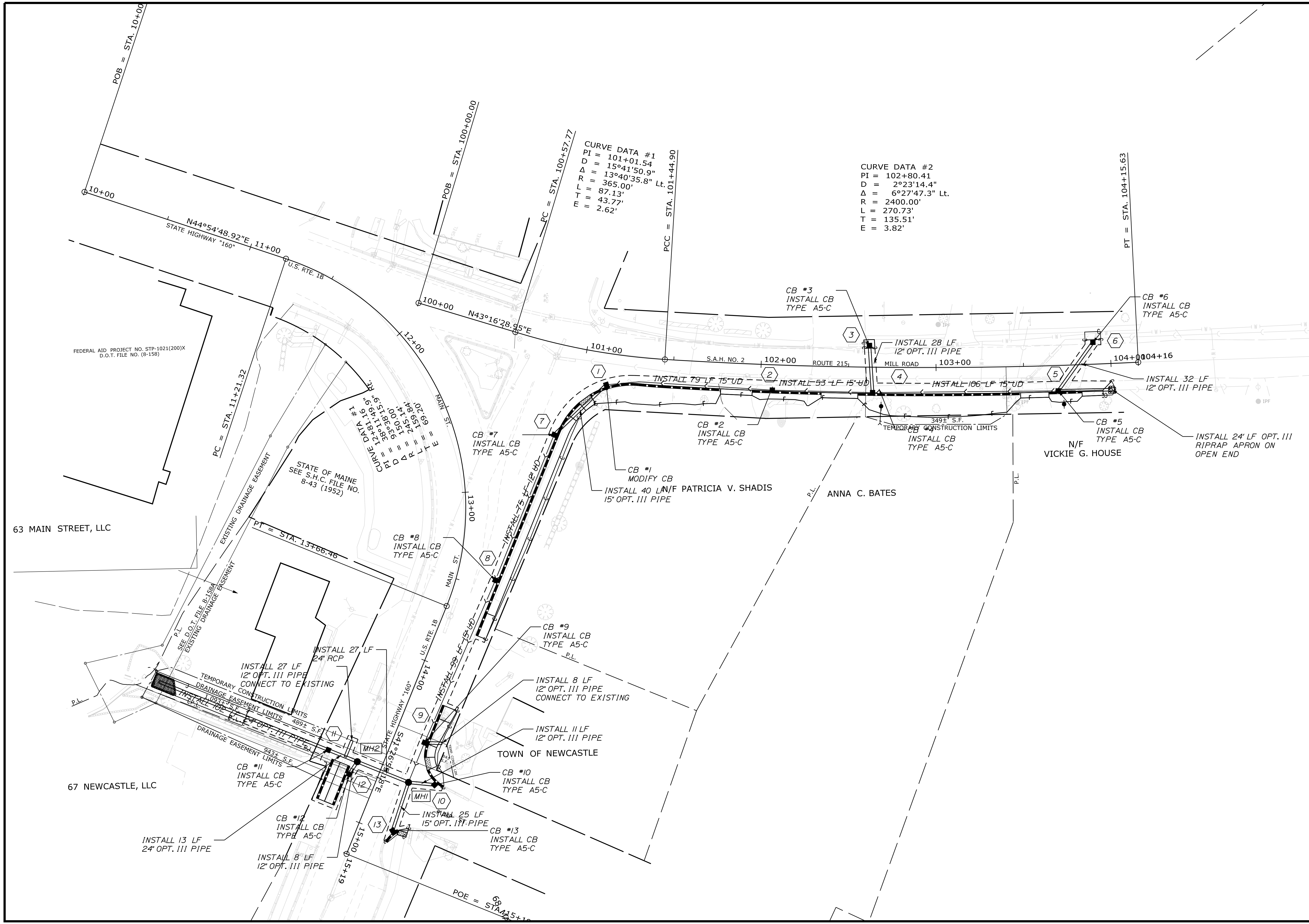
NEWCASTLE
ROUTES 1B & 215

CONSTRUCTION NOTES
& ESTIMATED QUANTITIES

SHEET NUMBER

4

OF 11



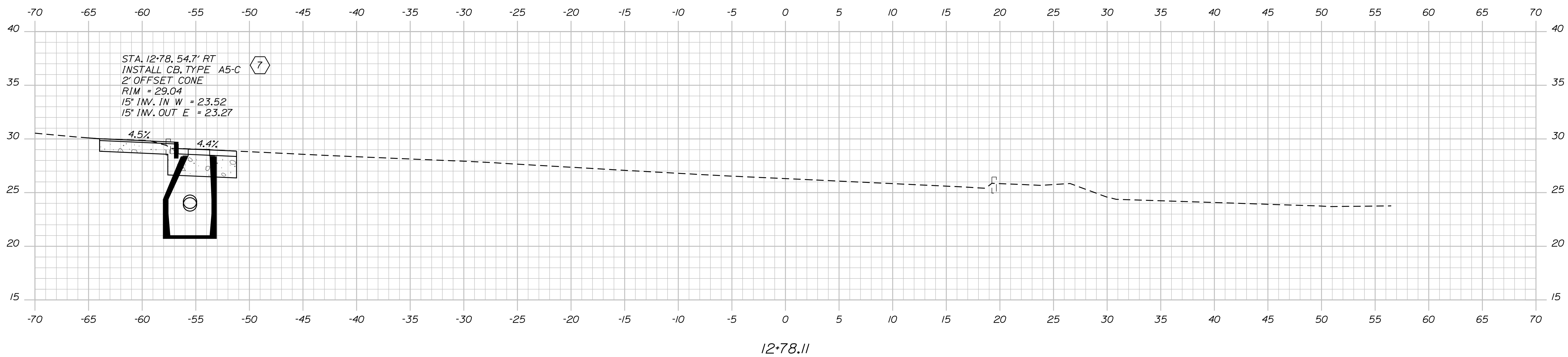
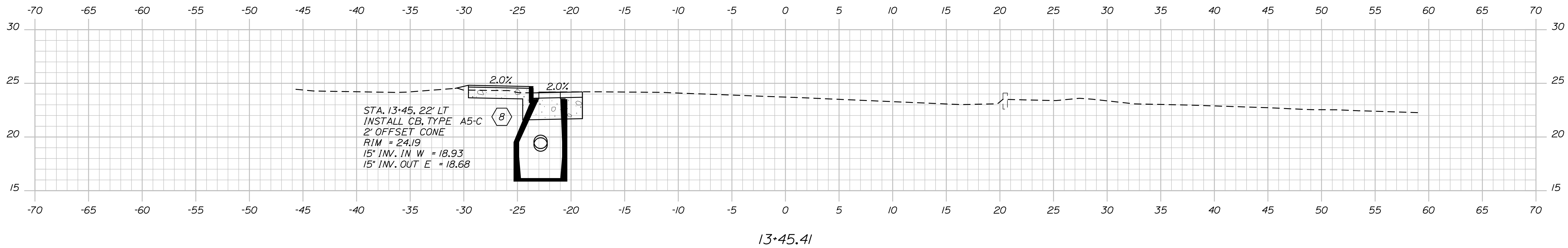
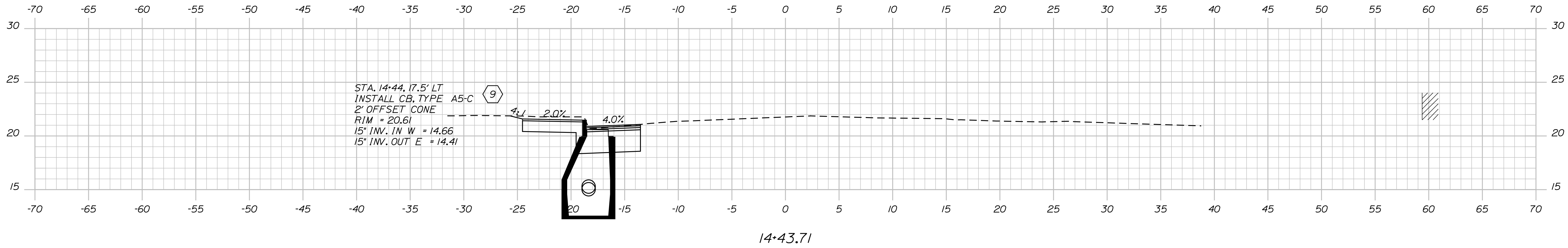
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PROJ. MANAGER	R. BETZ	BY	J. BAINES
DESIGNED/DETAILED	J. BAINES	CHECKED/REVIEWED	J. BAINES
DESIGNED/DETAILED		DESIGNED/DETAILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
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NEWCASTLE ROUTES 1B & 215		PLANS	
SHEET NUMBER		5	
		OF 11	

Date: 6/15/2023

Username: James.Baines

Division: HIGHWAY

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



STATE OF MAINE
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24355.00

WIN
24355.00

HIGHWAY PLANS

SIGNATURE

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PROJ. MANAGER	BY	DATE
DESIGN DETAILED	J. BAINES	MAY 2023
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DESIGNS DETAILED		
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FIELD CHANGES		

NEWCASTLE
ROUTES 1B & 215

CROSS SECTIONS

SHEET NUMBER

6

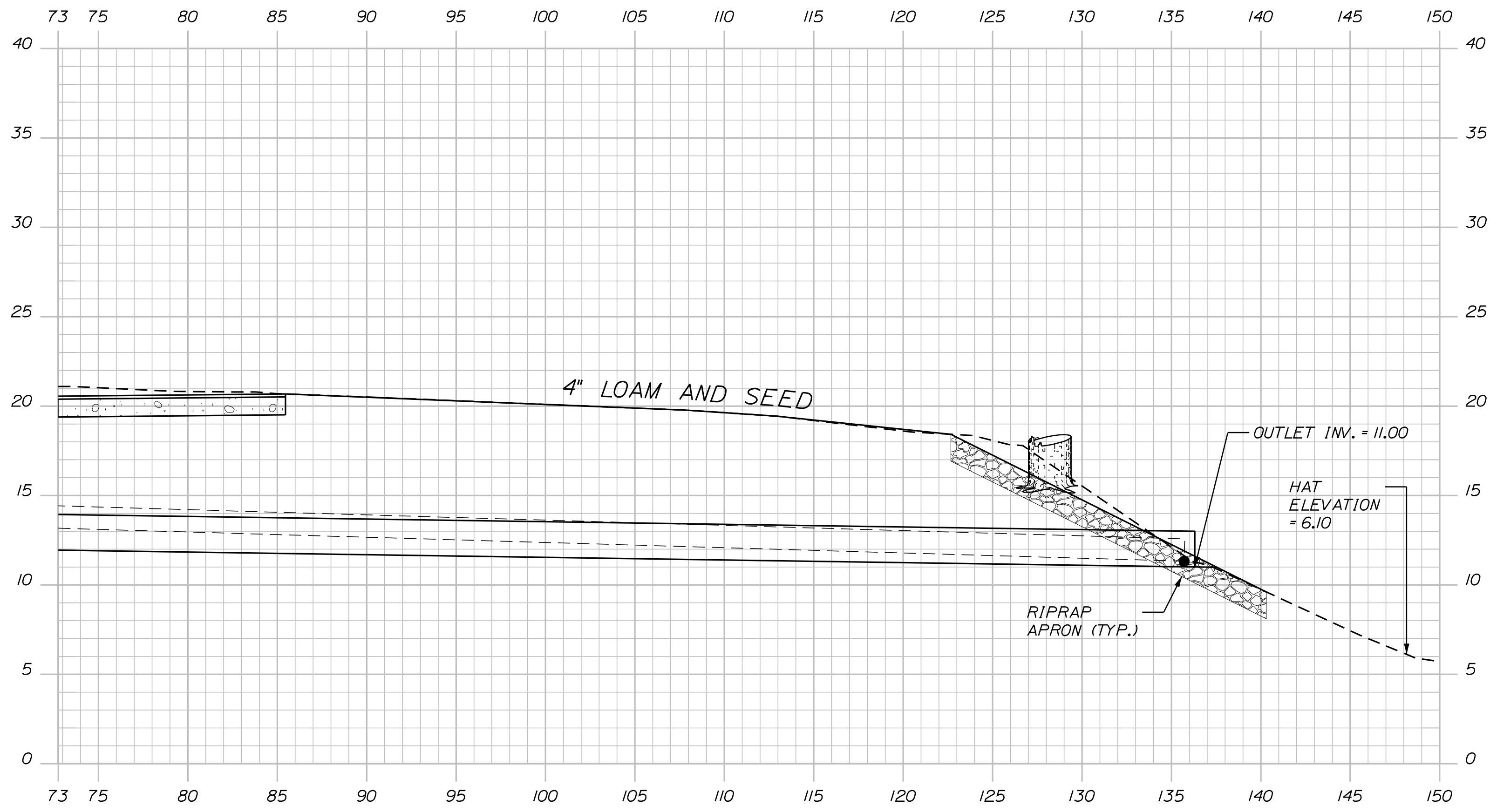
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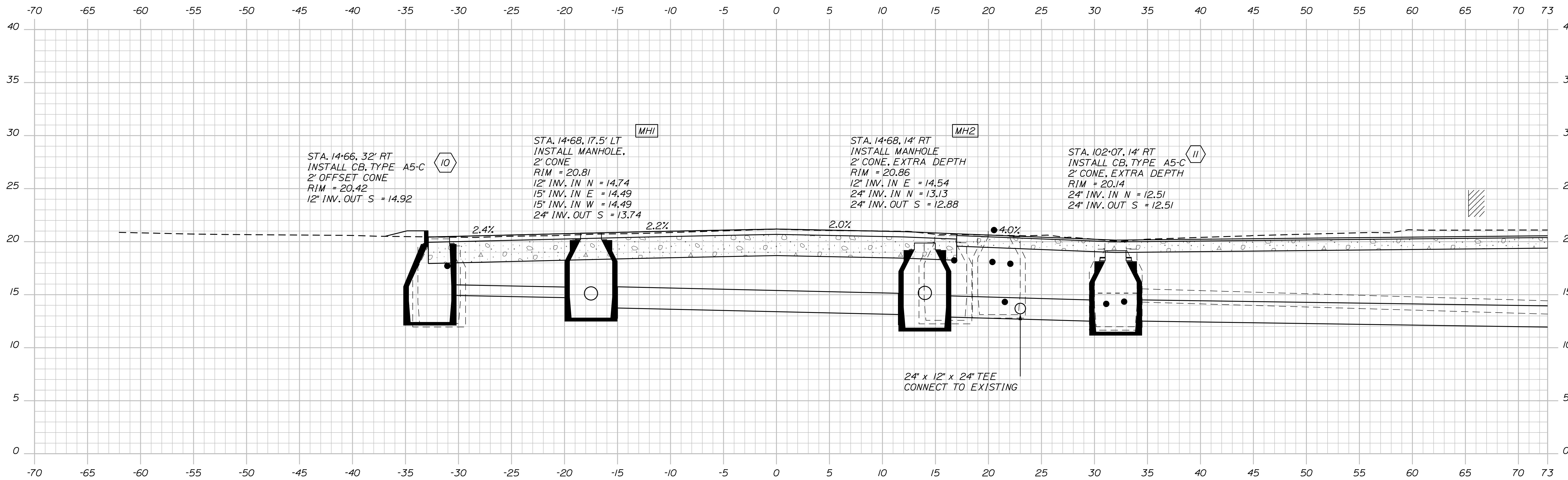
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14+68.10 (+1)



14+68.10

STATE OF MAINE
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24355.00

WIN

24355.00

HIGHWAY PLANS

PROJ. MANAGER	DATE
CHECKED-REVIEWED	MAY 2023
DESIGN-REVIEWED	
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REVISIONS 1	
REVISIONS 2	
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FIELD CHANGES	

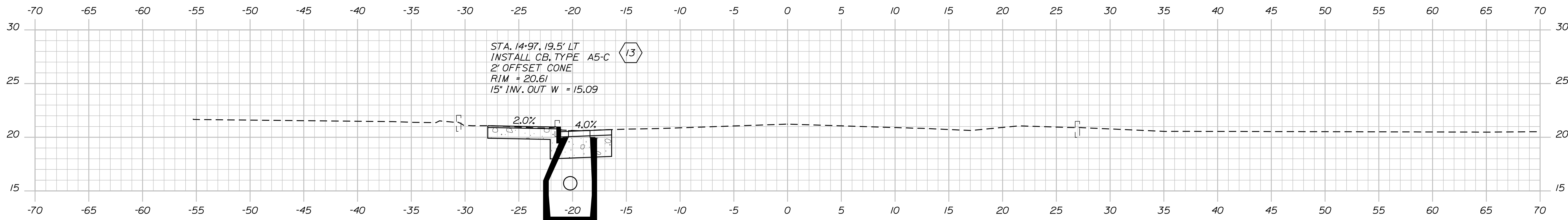
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NEWCASTLE
ROUTES 1B & 215
CROSS SECTIONS

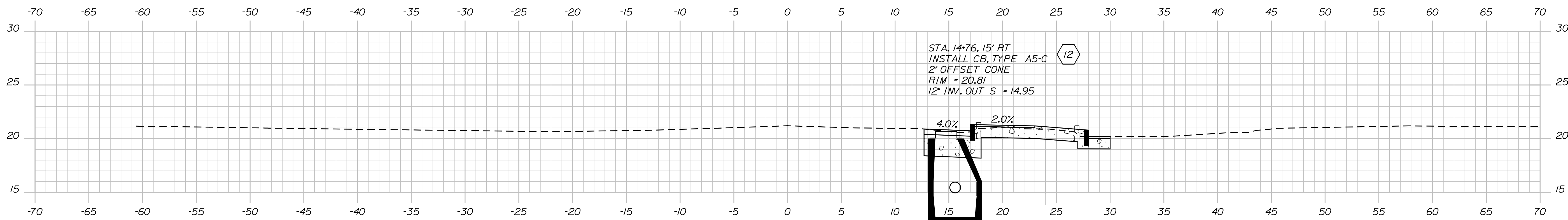
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OF 11



14+97.09



14+76.51

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 24355.00
 WIN
 24355.00
 HIGHWAY PLANS

PROJ. MANAGER	R. BETZ	BY	DATE
DESIGN/DETAILED	-	J. BAINES	MAY 2023
CHECKED/REVIEWED	-	-	-
DESIGN/DETAILED	-	-	-
DESIGN/DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE	P.E. NUMBER	DATE
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

NEWCASTLE
 ROUTES 1B & 215
 CROSS SECTIONS

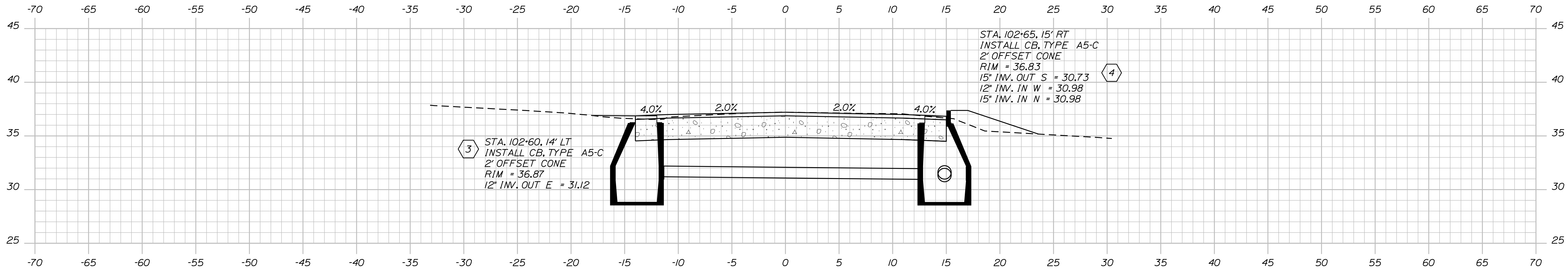
SHEET NUMBER
 8
 OF 11

Date: 6/15/2023

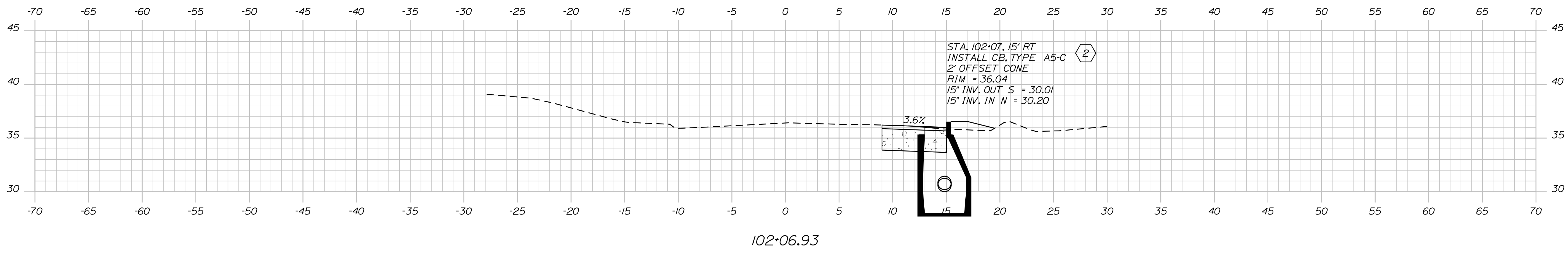
Username: James.Baines

Division: HIGHWAY

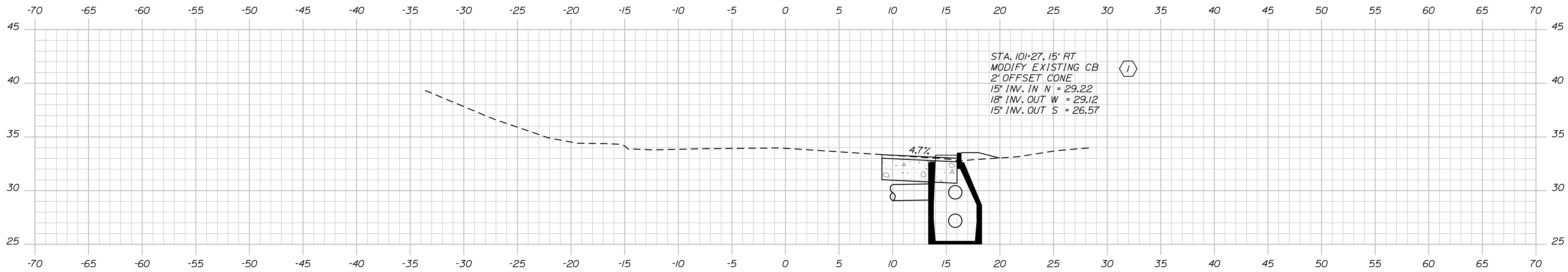
Filename: ... \00\HIGHWAY\MSTA\Xsect.dgn



102+64.69 (SKEWED)



102+06.93



101+26.91

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

24355.00

WIN
24355.00

HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

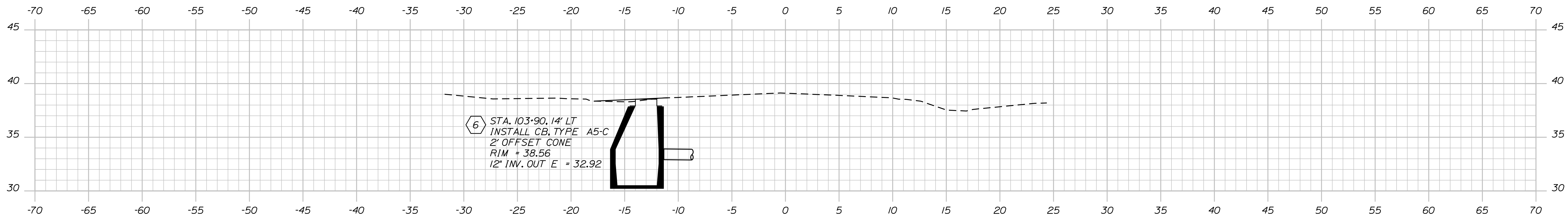
PROJ. MANAGER	R. BETZ	BY	DATE
DESIGN-DETAILED	-	J. BAINES	MAY 2023
CHECKED-REVIEWED	-	-	-
DESIGN-DETAILED	-	-	-
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

NEWCASTLE
ROUTES 1B & 215
CROSS SECTIONS

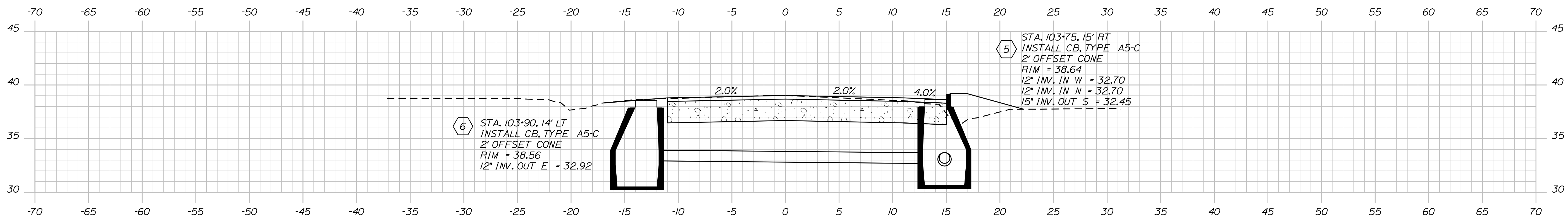
SHEET NUMBER

9

OF 11



103+90.10



103+82.03 (SKEWED)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
24355.00
WIN
24355.00
HIGHWAY PLANS

PROJ. MANAGER
DESIGN DETAILED
CHECKED/REVIEWED
DESIGN DETAILED
DESIGN DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

BY
J. BAINES

DATE
MAY 2023

SIGNATURE
P.E. NUMBER
DATE

NEWCASTLE
ROUTES 1B & 215
CROSS SECTIONS

SHEET NUMBER
10
OF 11

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

New R/W Along Existing R/W _____
 Building _____
 Trees Conifer _____ Deciduous _____
 Tree Line _____
 Water Edge _____
 Ledge _____
 Fence CHAIN LINK _____ BARB WIRE _____ STOCKADE _____
 Sign _____ Well _____ Mailbox _____
 Clearing Limit Line _____
 Bush Line _____
 Rock/Boulder _____
 Flag Pole _____

PLAN LEGEND

Existing Proposed

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

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

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

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

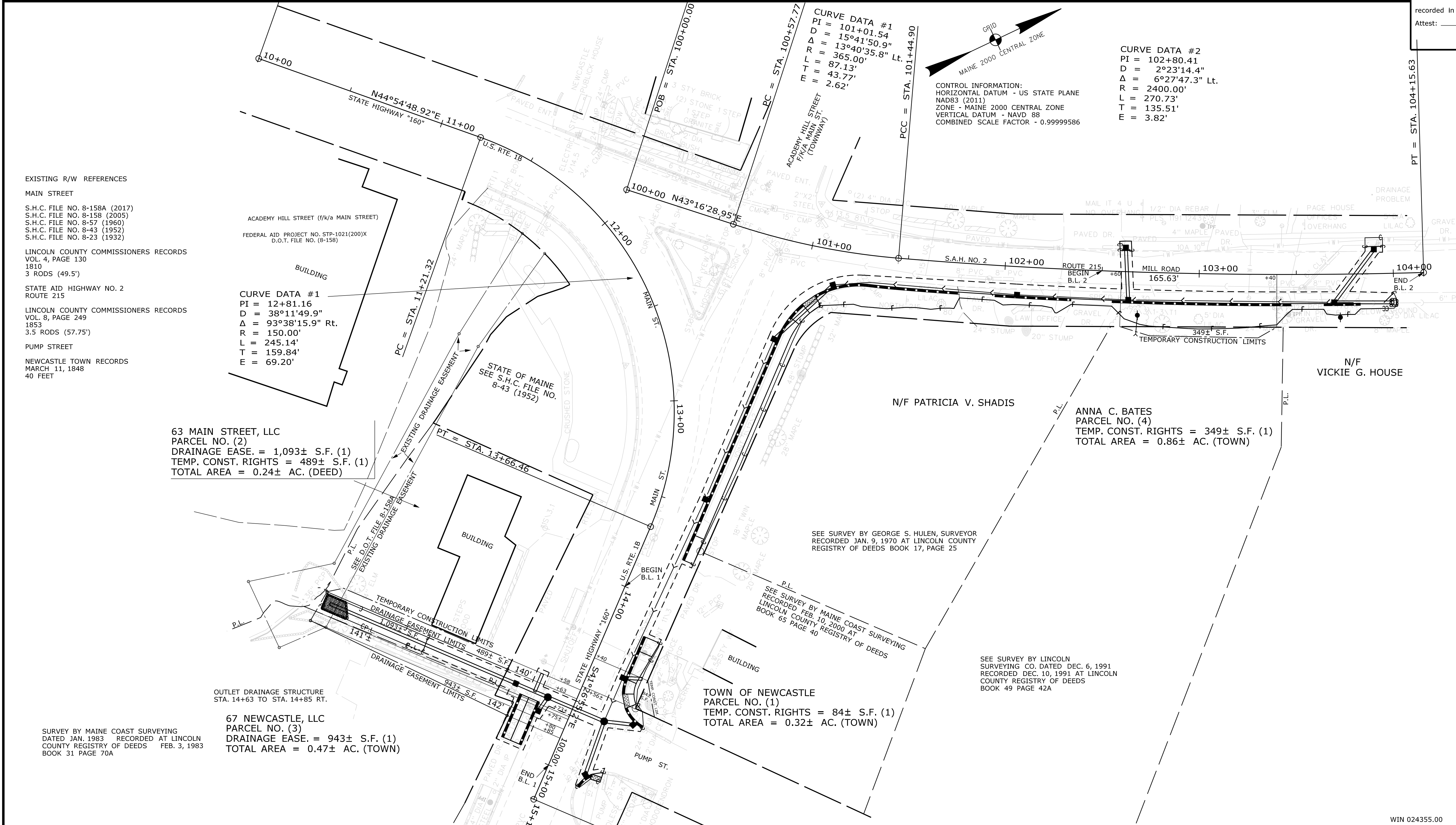
THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

Scale of Feet

25 0 25 50 75 100

STATE OF MAINE
 REGISTRY OF DEEDS

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



Filename: ... \00\ROW\MSTA001_RWP\PLAN1.dgn
 Division: HIGHWAY
 Username: James.Baines
 Date: 6/15/2023

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

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

REVISIONS			PLAN FILED IN PLAN BOOK				PAGE COUNTY RECORD				BRUCE A. VAN NOTE		
NO.	DATE	DESCRIPTION	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	COND.	05-15-23		5998	108

STATE HIGHWAY "160"
 U.S. ROUTE 1B / MAIN STREET
 NEWCASTLE LINCOLN COUNTY
 STATE PROJECT NO. 24355.00

JANUARY 2023
 SCALE 1" = 25'

RIGHT-OF-WAY MAP
 SHEET 1 OF 1

D.O.T. FILE NO. 8-210

SHEET NUMBER

1

OF _