

STATE OF MAINE DEPARTMENT OF TRANSPORTATION

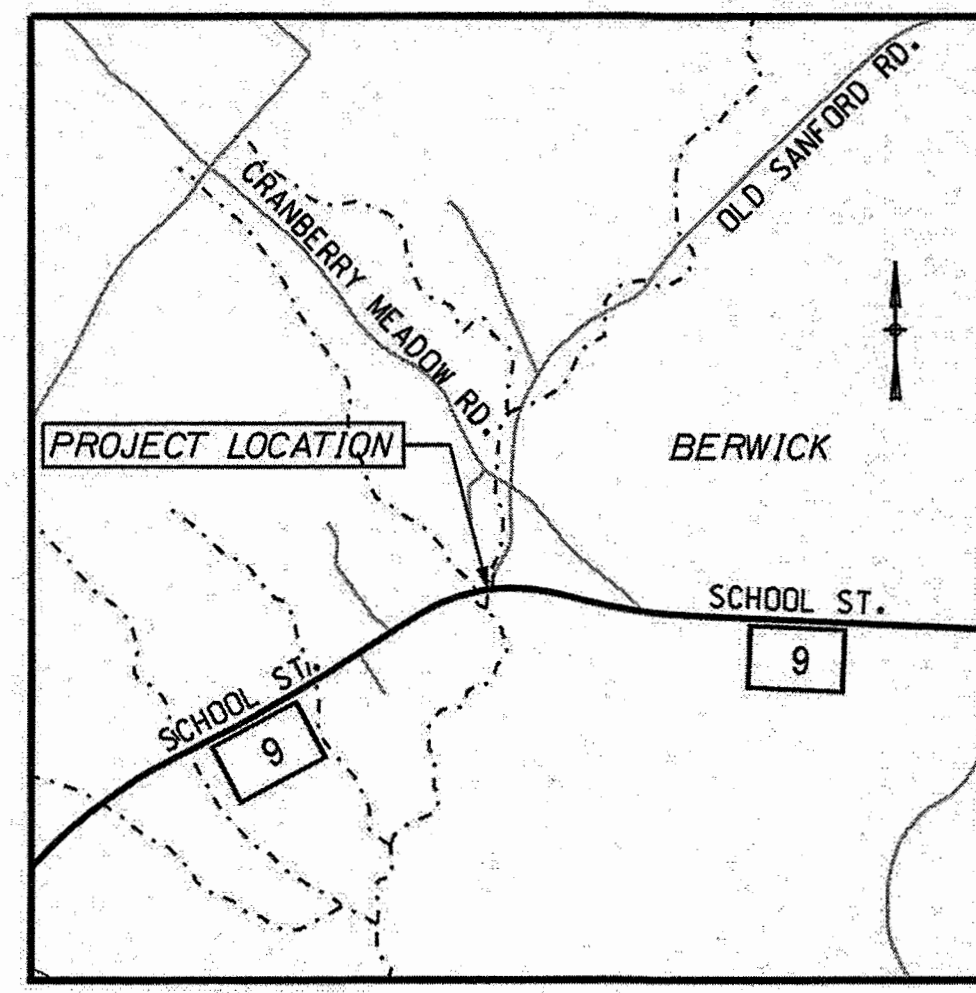
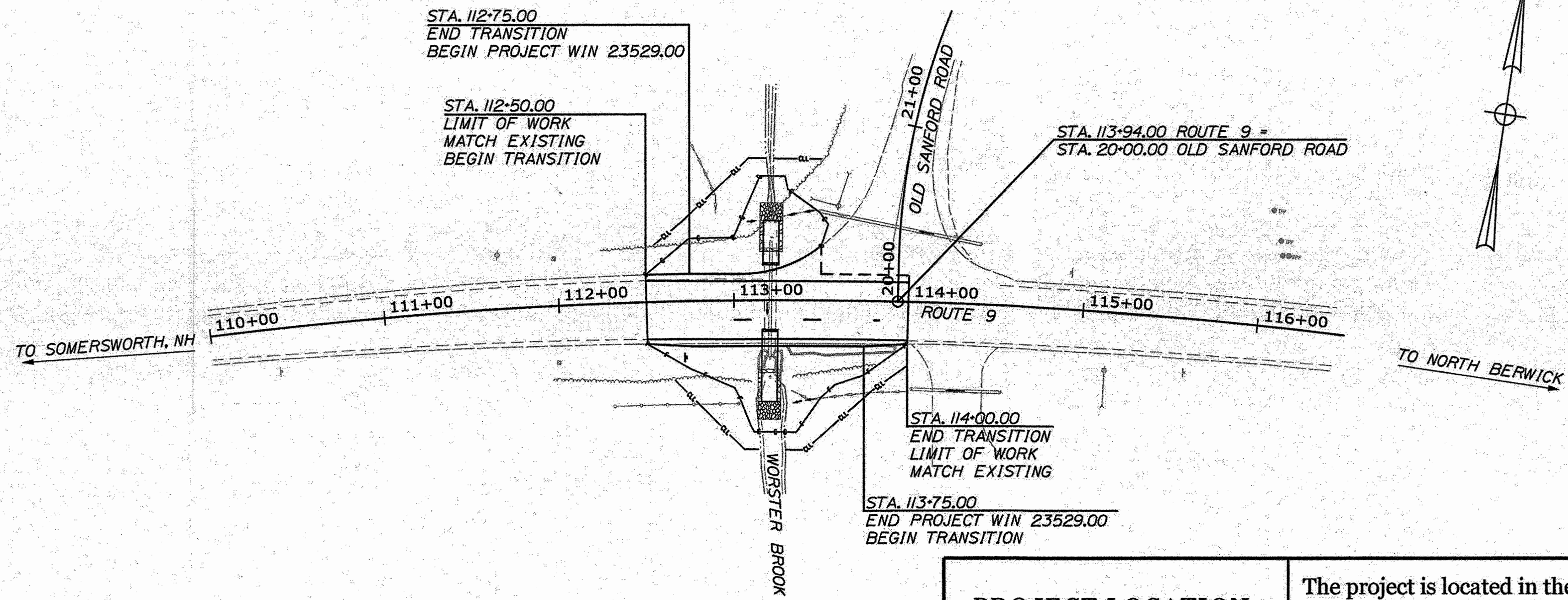


BERWICK YORK COUNTY ROUTE 9

STATE PROJECT NO. 23529.00
PROJECT LENGTH : 0.02 MILES

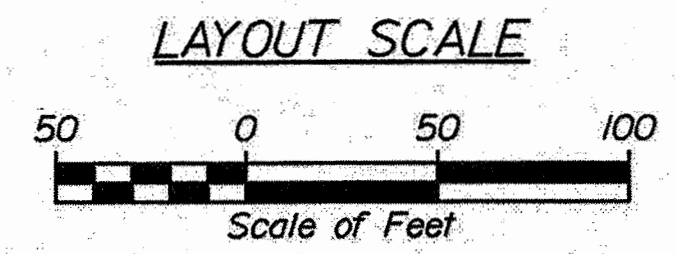
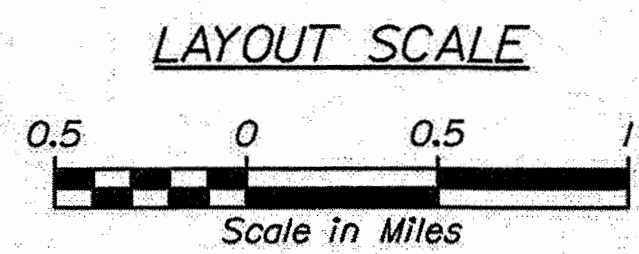
PLAN LEGEND	
Town, County, State	-----
Property Lines	-----
R/W Lines-Existing	-----
R/W Lines-Proposed	-----
Culvert-Existing	-----
Culvert Proposed	-----
Curbing	Existing Proposed
Type 1	-----
Type 3	-----
Type 5	-----
Outline of Bodies of Water	-----
Exposed Bedrock	-----
Buildings	-----
Trees	Conifer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

INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
Typical Sections	2
Estimated Quantities and General Notes	3
Special Details	4
Boring Plans	5
Plan/Profile	6
Cross Sections	7-10
Right of Way Map	11



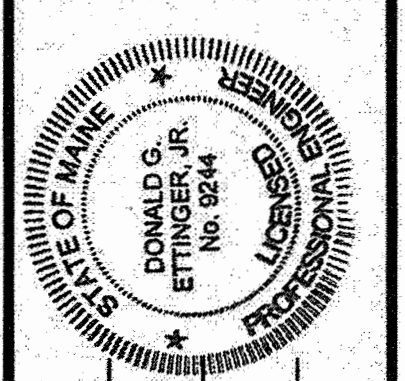
TRAFFIC DATA	
	ROUTE 9
Current (2022) AADT	8470
Future (2034) AADT	8980
Future (2042) AADT	9320
DHV - % of AADT	10%
Design Hour Volume	932
% Heavy Trucks (AADT)	6%
% Heavy Trucks (DHV)	4%
Directional Distribution (DHV)	52%
18 kip Equivalent P 2.0	233
18 kip Equivalent P 2.5	223
Design Speed (mph)	50
Functional Class	Minor Arterial
Highway Corridor Priority	2

PROJECT LOCATION:	The project is located in the Town of Berwick on Route 9, approximately 0.02 miles west of the intersection with Old Sanford Road. (Large Culvert #189339)
PROGRAM AREA:	Highway Program
SCOPE OF WORK:	Large Culvert Rehabilitation



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207.772.2515

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>		4-14-22
CHIEF ENGINEER: <i>[Signature]</i>		4-14-2022



<i>[Signature]</i>	SIGNATURE	9-2-44	P.E. NUMBER	4-6-2022	DATE
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PROJECT INFORMATION
PROGRAM
PROJECT MANAGER
DESIGNER
CONSULTANT
PROJECT RESIDENT
CONTRACTOR
PROJECT COMPLETION DATE

BERWICK
ROUTE 9
TITLE SHEET

SHEET NUMBER
1
OF 11

Date: 4/6/2022

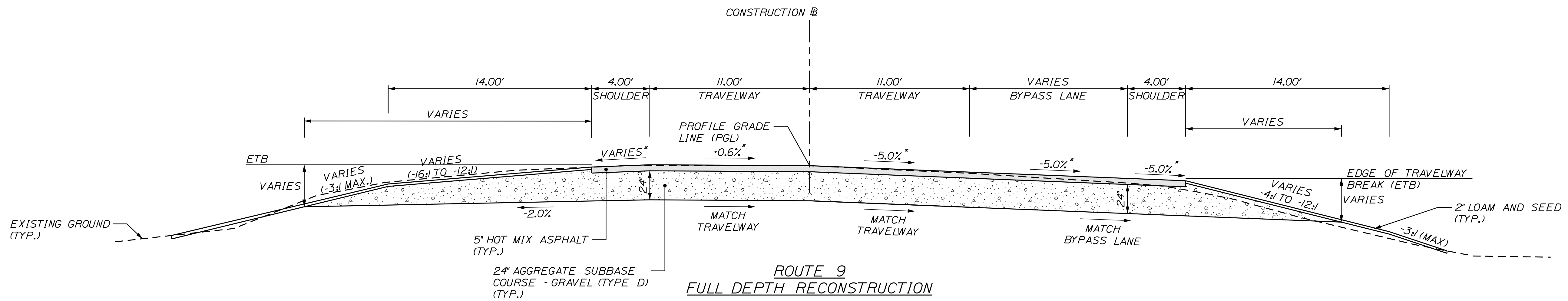
Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...:\00\Highway\001_Title.dgn

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WIN 23529.00



* SEE ROUTE 9 CROSS SLOPES TABLE

AGGREGATE SUBBASE COURSE GRAVEL			
LEFT SHOULDER	11 FT. TRAVEL LANES	BYPASS LANE	RIGHT SHOULDER
A.S.C.G = VARIES CY/100LF	A.S.C.G = 163 CY/100LF	A.S.C.G = 81 CY/100LF	A.S.C.G = VARIES CY/100LF
STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION
112+75 TO 113+75 LT.	112+75 TO 113+75	112+75 TO 113+75 RT.	112+75 TO 113+75 RT.

NOTES:

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

ROUTE 9 CROSS SLOPES TABLE					
LEFT SHOULDER	LEFT TRAVELWAY	STATION	RIGHT TRAVELWAY	RIGHT BYPASS LANE	RIGHT SHOULDER
MATCH EXISTING					
-2.7%	+0.0%	112+50	-4.9%	-6.0%	-8.4%
-4.0%	-0.6%	112+75	-5.0%	-5.0%	-6.7%
-4.0%	-0.6%	113+00	-5.0%	-5.0%	-5.0%
-4.0%	-0.6%	113+25	-5.0%	-5.0%	-5.0%
-4.6%	-0.6%	113+50	-5.0%	-5.0%	-5.0%
-3.3%	-0.6%	113+75	-5.0%	-5.7%	-7.3%
-3.2%	-0.6%	114+00	-4.6%	-6.3%	-9.6%
MATCH EXISTING					

PROJ. MGR.	BY	DATE
L. HAMILTON	T. WARREN	04/22
DESIGN-DETAILED	T. LANDRY	04/22
CHECKED-REVIEWED	D. ETINGER	
DESIGN-DETAILED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

**BERWICK
ROUTE 9
TYPICAL SECTIONS**

SHEET NUMBER

2

OF 11



Relationships. Responsiveness. Results.
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NOT TO SCALE

Date: 4/6/2022

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ... \003_EstQuant&GenNotes.dgn

U:\3569-Berwick Route 9 Culvert\Z - CAD\00\Highway\003_EstQuant&GenNotes.dgn

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.20	COMMON EXCAVATION	690	CY
203.25	GRANULAR BORROW	100	CY
203.33	SPECIAL FILL	20	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	560	CY
403.208	HOT MIX ASPHALT, 12.5MM NOMINAL MAXIMUM SIZE	60	T
403.213	HOT MIX ASPHALT 12.5MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE)	140	T
409.15	BITUMINOUS TACK COAT, APPLIED	50	G
508.13	SHEET WATERPROOFING MEMBRANE (150 SY)	1	LS
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
526.301	TEMPORARY CONCRETE BARRIER, TYPE I (APPROX. 350 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	4	UN
534.7101	PRECAST CONCRETE BOX CULVERT - 9' SPAN X 6' RISE X 24' LONG (31 CY), STATE SUPPLIED	1	LS
534.7101	PRECAST CONCRETE BOX CULVERT - 9' SPAN X 6' RISE X 40' LONG (51 CY), STATE SUPPLIED	1	LS
607.24	REMOVE AND RESET FENCE	24	LF
610.08	PLAIN RIPRAP	15	CY
610.213	VOID FILLED RIPRAP	20	CY
613.319	EROSION CONTROL BLANKET	40	SY
615.07	LOAM	35	CY
618.14	SEEDING METHOD NUMBER 2	6	UN
619.12	MULCH	6	UN
620.58	EROSION CONTROL GEOTEXTILE	70	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	550	LF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.10	AIR COMPRESSOR (INCLUDING OPERATOR)	10	HR
631.11	AIR TOOL (INCLUDING OPERATOR)	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	10	HR
639.19	FIELD OFFICE, TYPE B	1	EA
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
652.312	TYPE III BARRICADES	4	EA
652.33	DRUM	50	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	300	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	30	CD
652.38	FLAGGERS	600	HR
652.41	PORTABLE-CHANGEABLE MESSAGE SIGN	3	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

* - UNDETERMINED LOCATIONS

GENERAL NOTES

- PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL.
- CLEARING LIMITS SHALL BE 10 FEET BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.
- 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.
- THE CLEARING AND SELECTIVE CLEARING AND THINNING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE ACTUAL LINES FOR CLEARING AND THINNING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.
- 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.
- WHERE DEEMED NECESSARY BY THE RESIDENT, UNSUITABLE EXCESS MATERIAL SHALL BE REMOVED FROM THE EDGES OF SHOULDERS AND PLACED IN DESIGNATED AREAS OR DISPOSED OF. PAYMENT WILL BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.
- 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.
- 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.
- 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.
- 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.
- WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW-SIDE SHOULDER, THE LOW-SIDE SHOULDER WILL HAVE SAME SLOPE AS THE TRAVELWAY.
- CROSS SLOPES FOR NORMAL AND SUPERELEVATED SECTIONS WILL BE STRAIGHT UNLESS OTHERWISE DIRECTED BY THE DEPARTMENT.
- THE ALGEBRAIC DIFFERENCE BETWEEN TRAVELWAY AND SHOULDER CROSS SLOPE SHALL NOT EXCEED 8 PERCENT.
- NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
- INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- 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.
- 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.
- 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.
- 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.
- 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.
- THE PROJECT GEOTECHNICAL REPORT CAN BE ACCESSED AT THE MAINEDOT WEBSITE [HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/](http://www.maine.gov/mdot/contractors/).
- 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.
- AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
- 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.
- 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.
- "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
- FINAL STRIPING FOR THE PROJECT SHALL MATCH EXISTING STRIPING AND SHALL INCLUDE A 4" DOUBLE YELLOW LINE FOR THE CENTERLINE, 4" WHITE LINE FOR THE SHOULDER LINES AND 4" BROKEN WHITE LINE (10' LINE, 30' GAP) FOR THE BYPASS LANE. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.
- 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.
- PROTECTIVE COATING FOR CONCRETE SURFACES SHALL BE APPLIED TO THE FOLLOWING AREAS:
ALL EXPOSED SURFACES OF PRECAST CONCRETE BOX CULVERTS.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH MAINE DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL (LATEST EDITION).
- ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE RESIDENT.
- RELOCATION OF EXISTING ROADSIDE SIGNS SHALL BE INCIDENTAL TO ITEM 203.20 COMMON EXCAVATION.
- REMOVAL OF EXISTING METAL CULVERT EXTENSIONS AND CONCRETE END WALL SHALL BE INCIDENTAL TO 203.20 COMMON EXCAVATION.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SIGNATURE

DATE

BY

L. HAMILTON

T. WARREN

04/22

04/22

DESIGN-REVIEWED

DESIGN-REVIEWED

DESIGN-REVIEWED

DESIGN-REVIEWED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

P.E. NUMBER

DATE

WIN

23529.00

HIGHWAY PLANS

BERWICK
ROUTE 9

ESTIMATED QUANTITIES
& GENERAL NOTES

SHEET NUMBER

3

OF 11



Relationships. Responsiveness. Results.
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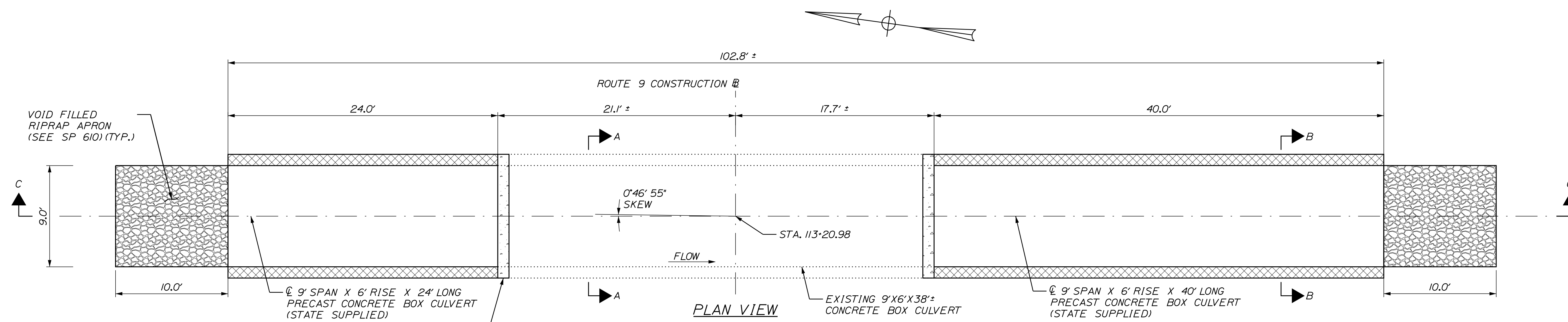
Date: 4/6/2022

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ... \Highway\004_CulvertDetail.dgn

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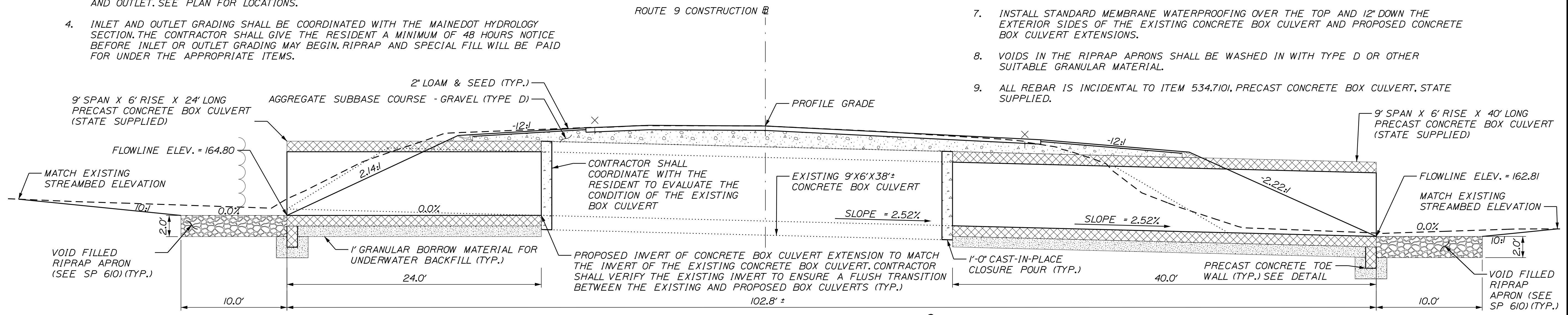


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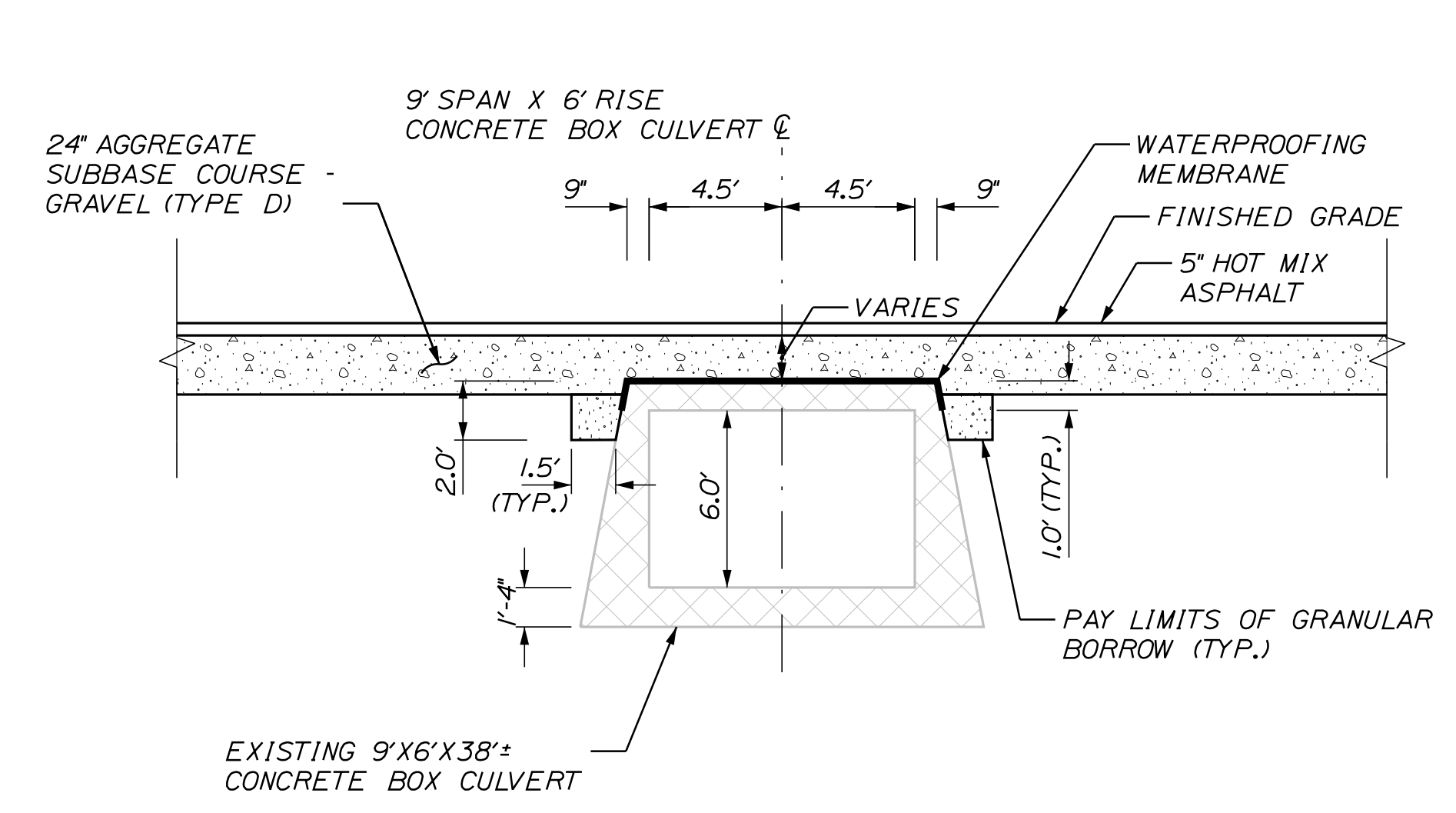
1. THE CULVERT EXTENSIONS SHALL BE BEDDED ON A 1-FOOT LAYER OF COMPACTED GRANULAR BORROW MATERIAL MEETING THE REQUIREMENTS FOR UNDERWATER BACKFILL.
2. COFFERDAMS ARE TO BE PLACED AT BOTH THE DOWNSTREAM AND UPSTREAM ENDS OF THE CULVERT TO ALLOW CONSTRUCTION OF THE CULVERT IN THE DRY.
3. RIPRAP WILL BE USED TO INSLOPE AROUND THE CULVERT ENDS AT BOTH THE INLET AND OUTLET. SEE PLAN FOR LOCATIONS.
4. INLET AND OUTLET GRADING SHALL BE COORDINATED WITH THE MAINE DOT HYDROLOGY SECTION. THE CONTRACTOR SHALL GIVE THE RESIDENT A MINIMUM OF 48 HOURS NOTICE BEFORE INLET OR OUTLET GRADING MAY BEGIN. RIPRAP AND SPECIAL FILL WILL BE PAID FOR UNDER THE APPROPRIATE ITEMS.

NOTES CONTINUED:

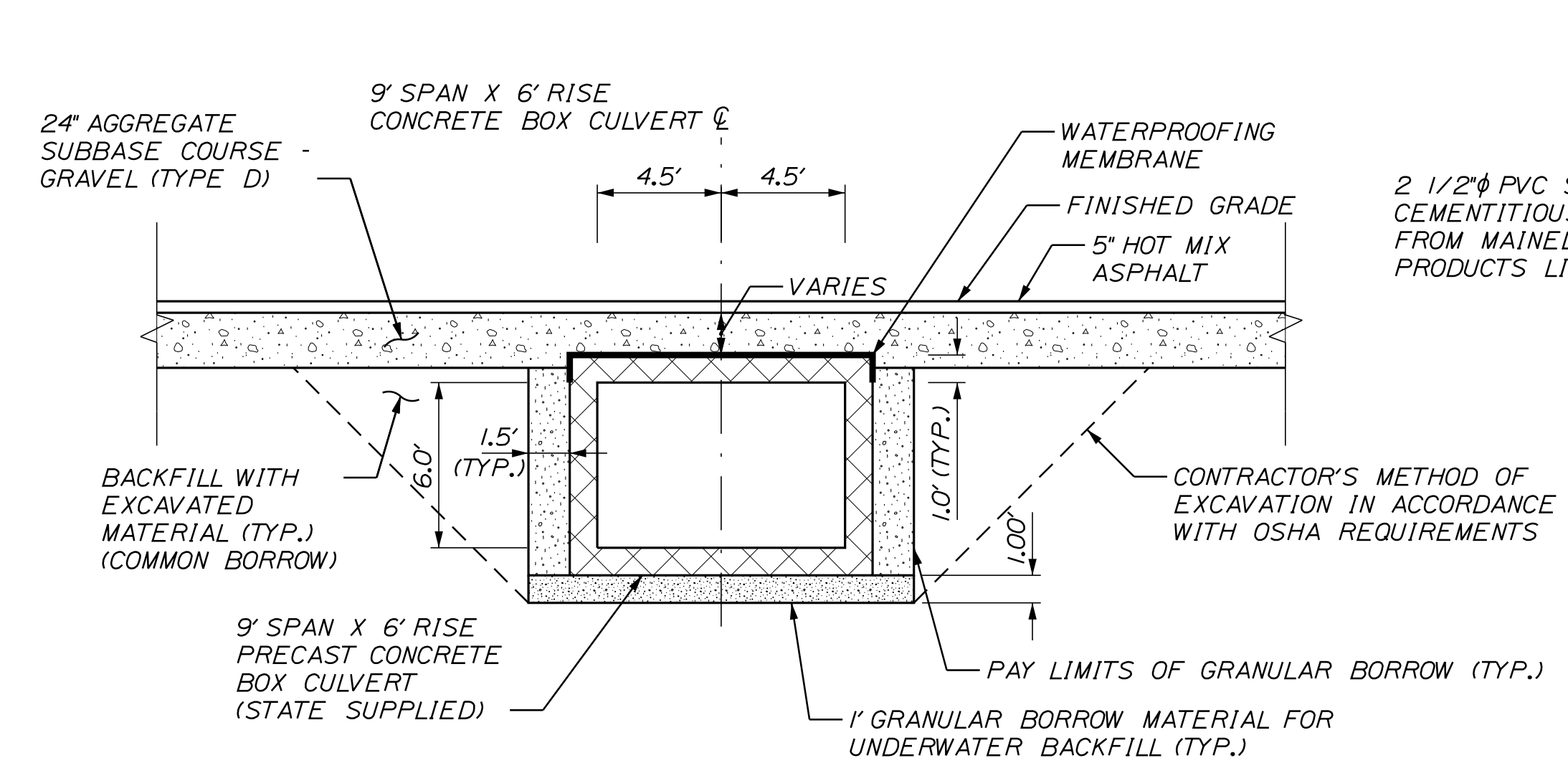
5. THE MECHANICAL CONNECTION BETWEEN THE EXISTING BOX CULVERT ENDS AND THE PROPOSED BOX CULVERT EXTENSIONS SHALL BE DESIGNED BY THE CONTRACTOR AND THE SUPPLIER AND SUBMITTED TO THE DEPARTMENT FOR REVIEW AND ACCEPTANCE. MECHANICAL CONNECTION SHALL BE CONSIDERED INCIDENTAL TO ITEM 534.7101.
6. PAYMENT FOR THE CAST IN PLACE CLOSURE POUR SHALL BE INCIDENTAL TO ITEM 534.7101.
7. INSTALL STANDARD MEMBRANE WATERPROOFING OVER THE TOP AND 12" DOWN THE EXTERIOR SIDES OF THE EXISTING CONCRETE BOX CULVERT AND PROPOSED CONCRETE BOX CULVERT EXTENSIONS.
8. VOIDS IN THE RIPRAP APRONS SHALL BE WASHED IN WITH TYPE D OR OTHER SUITABLE GRANULAR MATERIAL.
9. ALL REBAR IS INCIDENTAL TO ITEM 534.7101, PRECAST CONCRETE BOX CULVERT, STATE SUPPLIED.



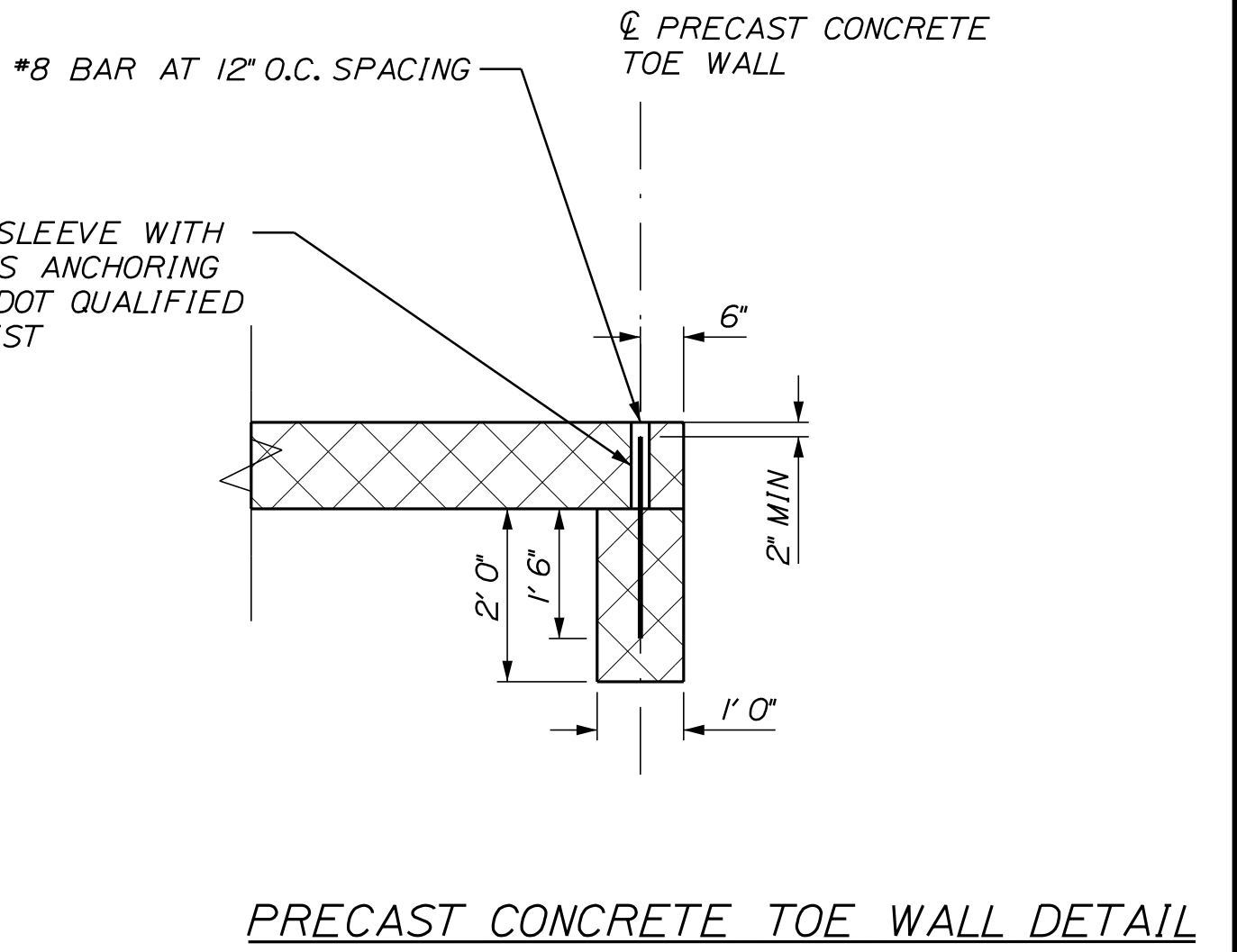
TRANSVERSE SECTION C-C (ALONG CULVERT C)



TYPICAL SECTION A-A



TYPICAL SECTION B-B



PRECAST CONCRETE TOE WALL DETAIL
N.T.S.

NOT TO SCALE

PROJ. MANAGER	L. HAMILTON	BY	T. WARREN	DATE	04/22
DESIGN DETAILED	T. LANDRY	CHECKED/REVIEWED	D. ETINGER	DATE	04/22
DESIGN DETAILED		DESIGN DETAILED			
REVISIONS	1				
REVISIONS	2				
REVISIONS	3				
REVISIONS	4				
FIELD CHANGES					

SPECIAL DETAILS

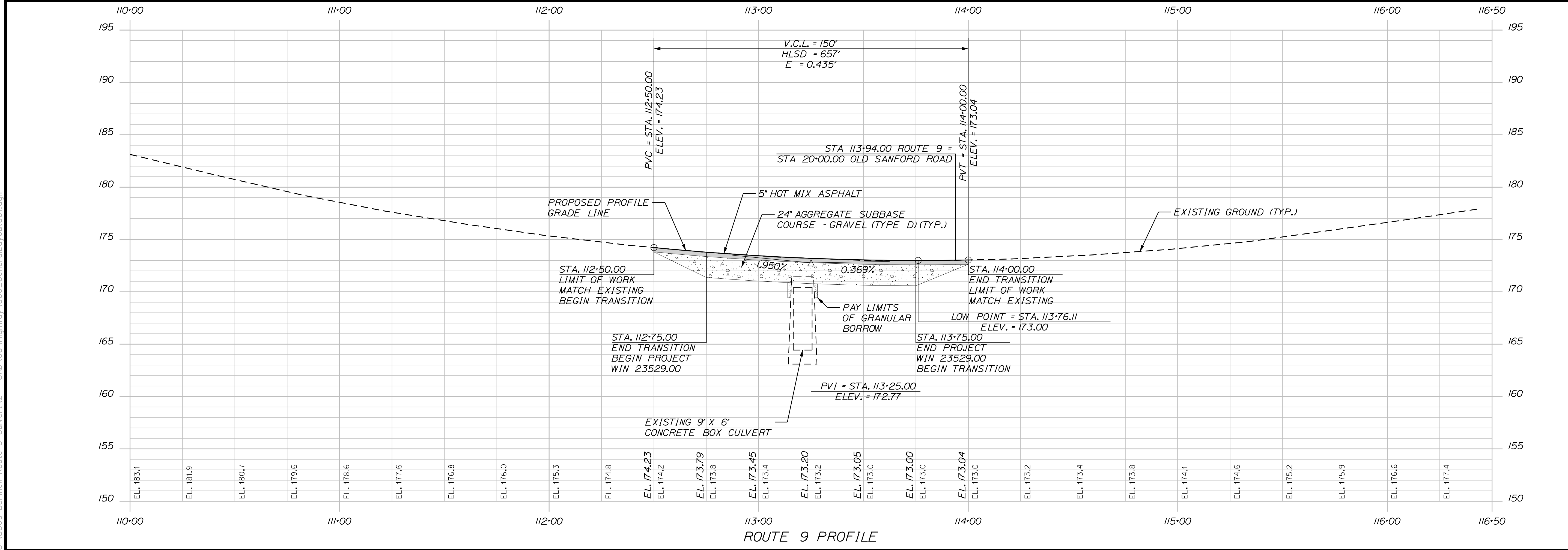
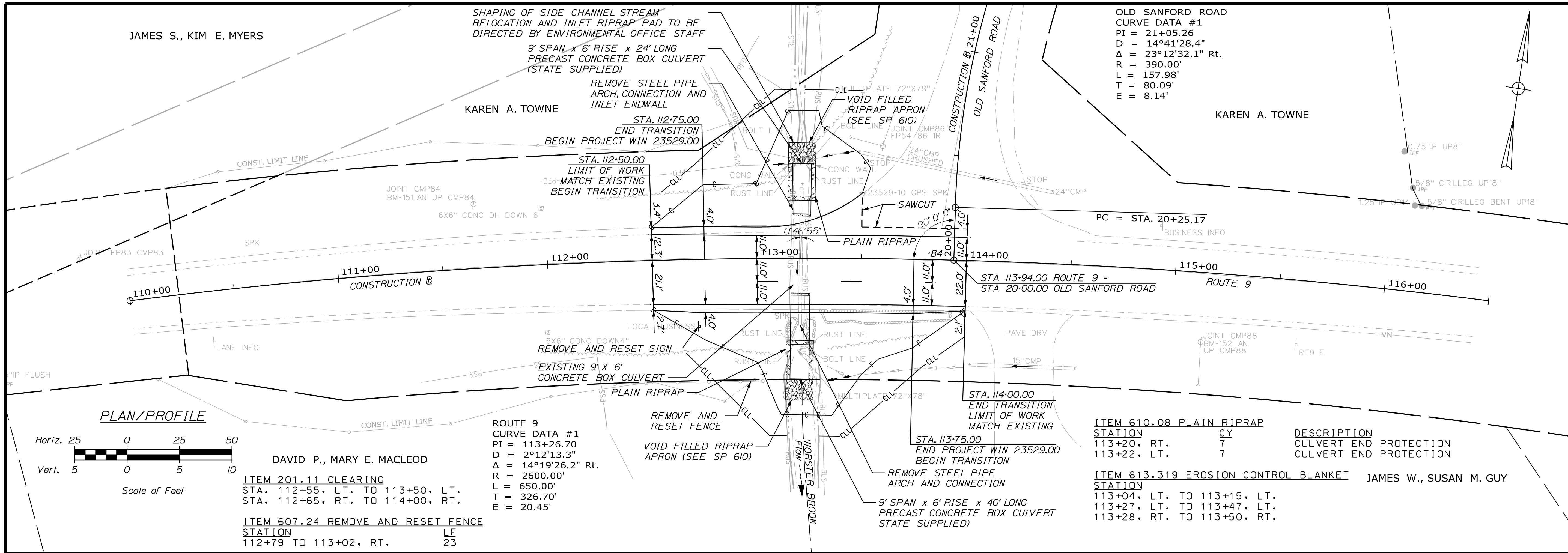
Date: 4/6/2022

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ... \006_GeneralLayout001.dgn

U:\3569-Berwick Route 9 Culvert\Z - CAD\00_Highway\006_GeneralLayout001.dgn



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION

WIN 23529.00
 HIGHWAY PLANS

DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
L. HAMILTON	T. WARREN	D. ETINGER						
DATE 04/22	DATE 04/22	SIGNATURE						
		P.E. NUMBER						
		DATE						

BERWICK
 ROUTE 9
 PLAN/PROFILE

SHEET NUMBER
 6
 OF 11

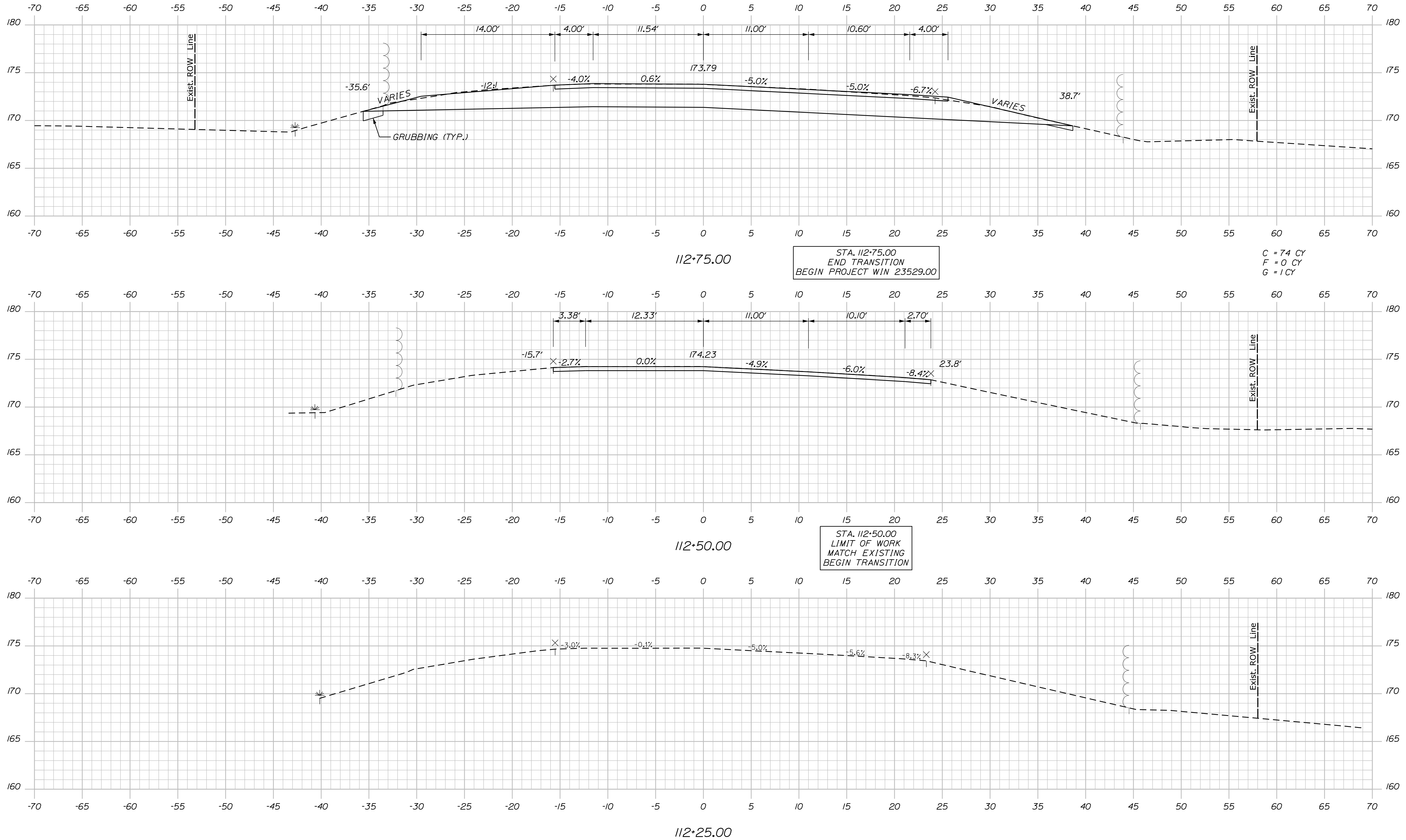
Date: 4/6/2022

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ... \Z - CAD\00\Highway\Xsect.dgn

U:\35569-Berwick Route 9 Culvert\Z - CAD\00\Highway\Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
23529.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
L. HAMILTON	T. WARREN	04/22
DESIGN DETAILED	T. LANDRY	04/22
CHECKED-REVIEWED	D. ETINGER	
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BERWICK
ROUTE 9
CROSS SECTIONS

SHEET NUMBER

7

OF 11

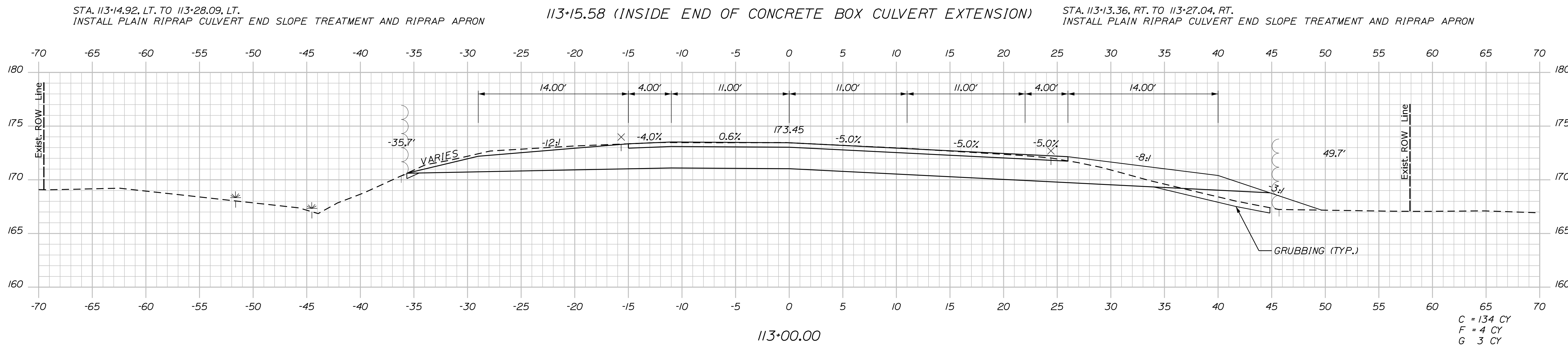
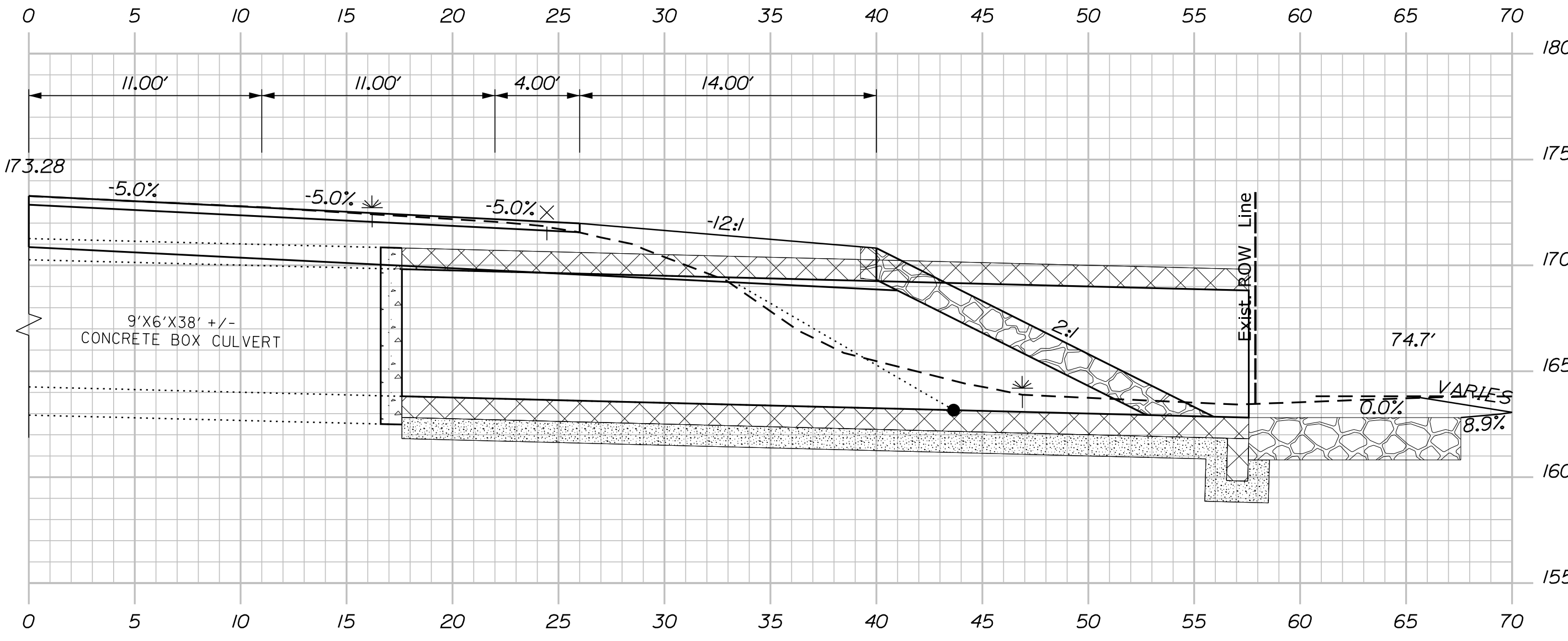
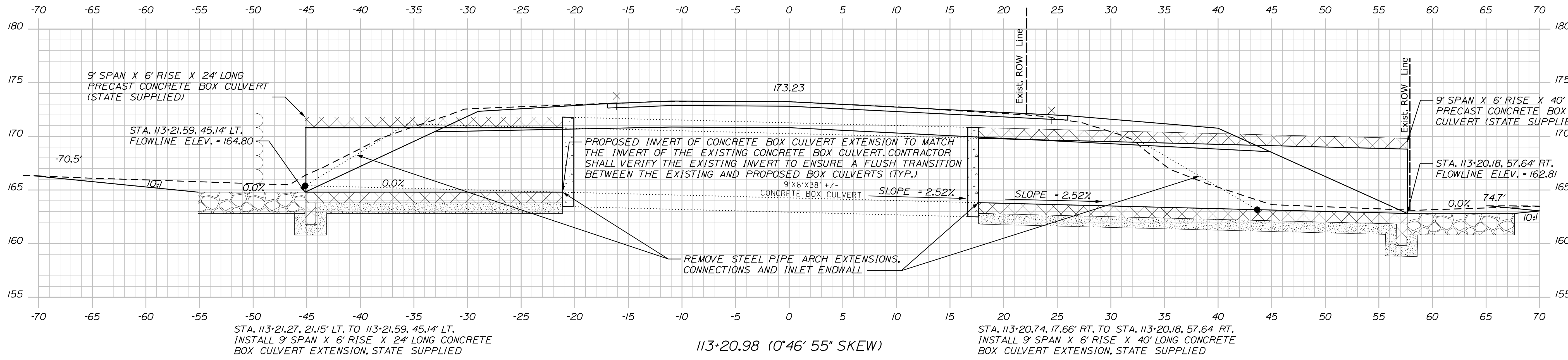
Date: 4/6/2022

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\Highway\Xsect.dgn

U:\3569-Berwick Route 9 Culvert\Z - CAD\00\Highway\Xsect.dgn



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
BERWICK ROUTE 9		CROSS SECTIONS	
SHEET NUMBER		8	
OF 11		HIGHWAY PLANS	
WIN		23529.00	
PROJ. MANAGER	L. HAMILTON	BY	T. WARREN
DESIGN-DETAILED	T. LANDRY	CHECKED-REVIEWED	D. ETINGER
DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	
DATE	04/22	SIGNATURE	
DATE	04/22	P.E. NUMBER	
DATE		DATE	

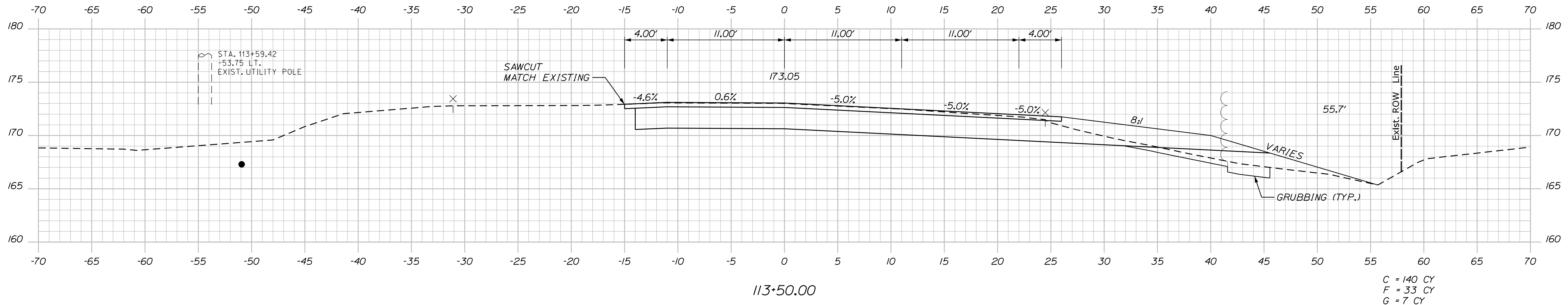
Date: 4/6/2022

Username: Mike.Cundiff

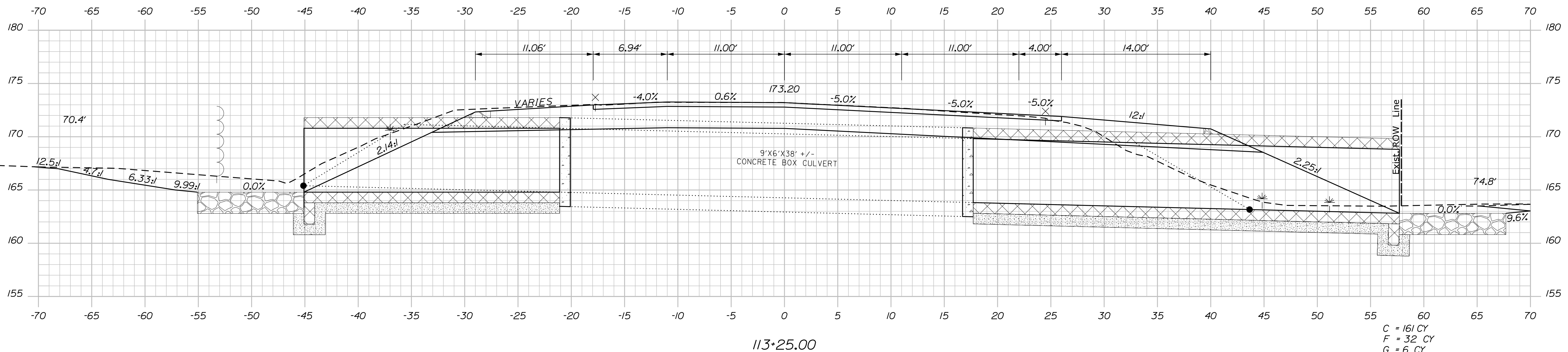
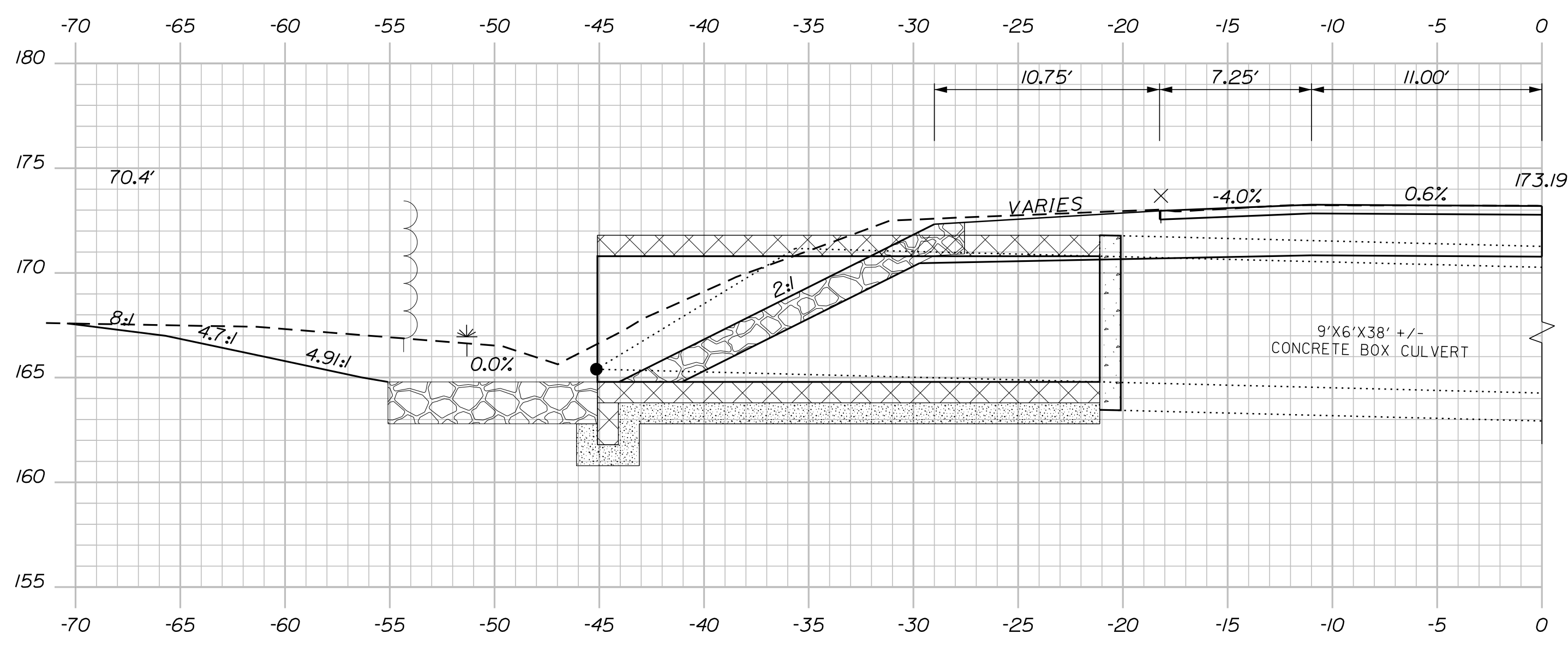
Division: HIGHWAY

Filename: ...Z - CAD\00\Highway\Xsect.dgn

U:\3569-Berwick Route 9 Culvert\Z - CAD\00\Highway\Xsect.dgn



C = 140 CY
 F = 33 CY
 G = 7 CY



C = 161 CY
 F = 32 CY
 G = 6 CY

PROJ. MANAGER	BY	DATE
L. HAMILTON	T. WARREN	04/22
DESIGN DETAILED	T. LANDRY	04/22
CHECKED-REVIEWED	D. ETINGER	
DESIGN DETAILED		
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BERWICK
 ROUTE 9
 CROSS SECTIONS

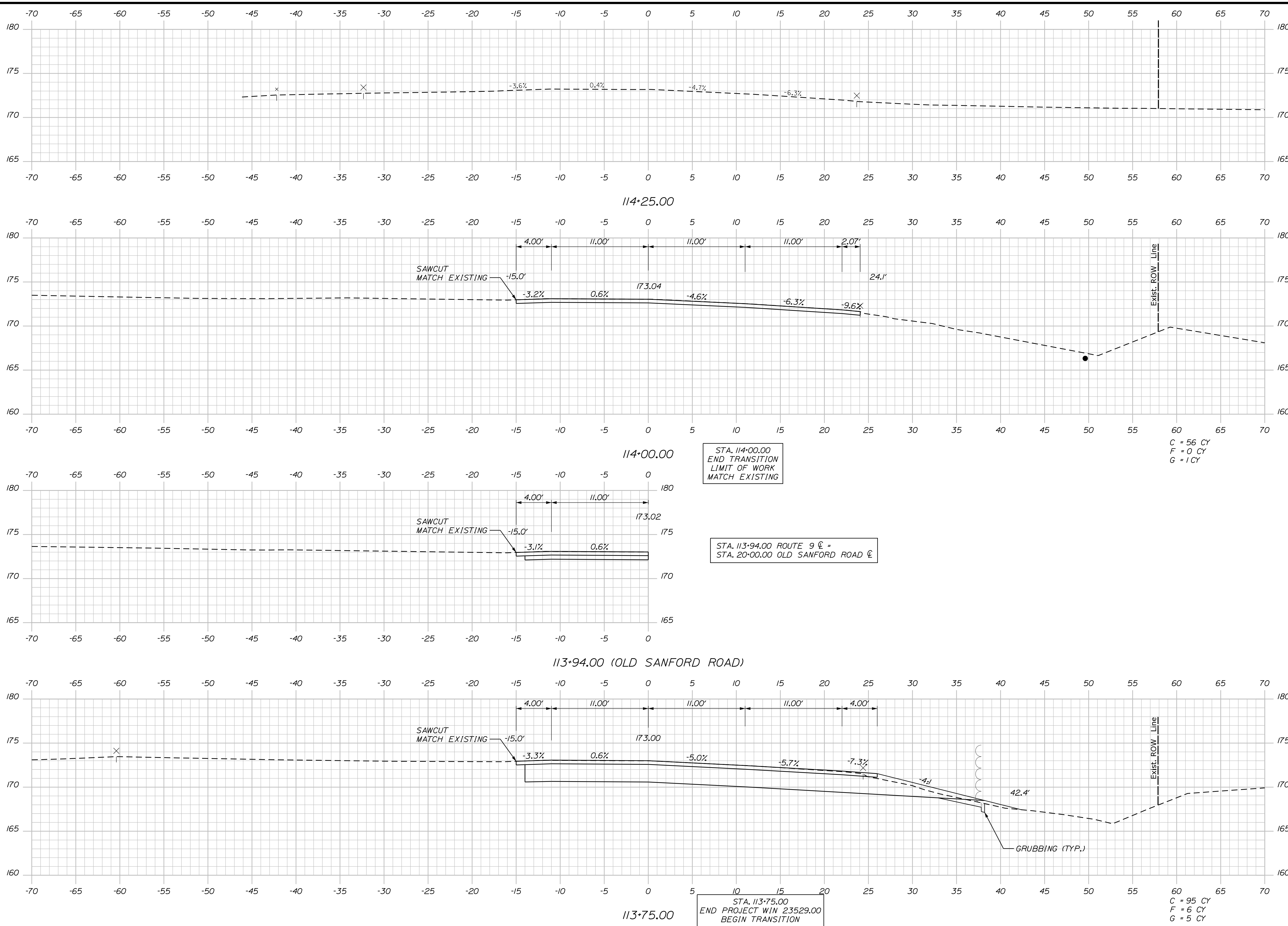
Date: 4/6/2022

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\Highway\Xsect.dgn

U:\3569-Berwick Route 9 Culvert\Z - CAD\00\Highway\Xsect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
23529.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
L. HAMILTON	T. WARREN	04/22
DESIGN-DETAILED	T. LANDRY	04/22
CHECKED-REVIEWED	D. ETINGER	
DESIGN-DETAILED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
P.E. NUMBER
DATE

BERWICK
ROUTE 9
CROSS SECTIONS

SHEET NUMBER
10
OF 11

Sta. 113+75.00 to Sta. 114+25.00

Town, County, State	_____
Approx. Property Lines	P.L. _____
Existing Right of Way	_____
Limits of Wrought Portion	LOW.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	_____
Clearing Limit Line	_____
Bush Line	_____
Rock/Boulder	_____
Flag Pole	_____
Well	WELL _____
Mallbox	_____

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

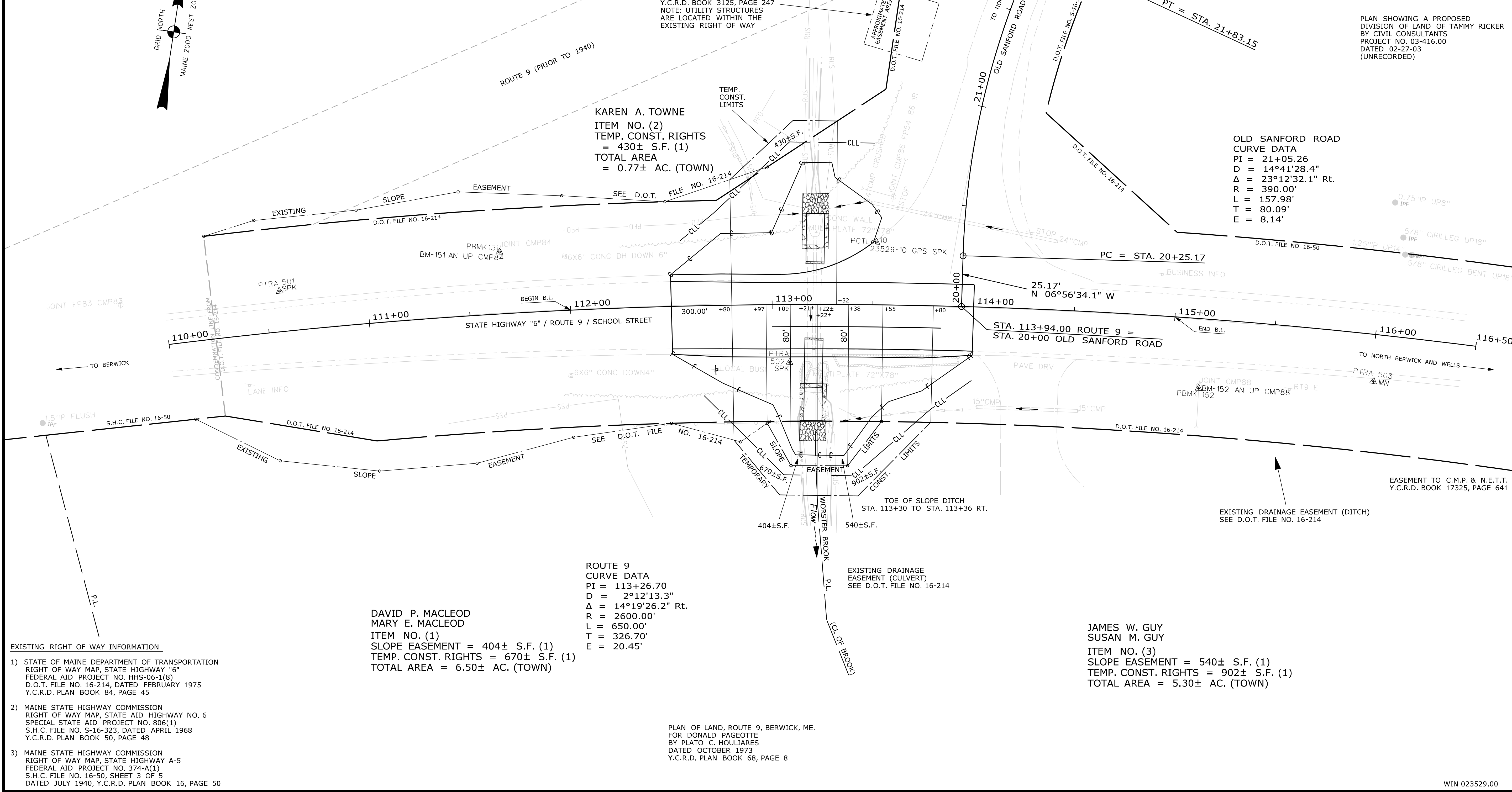
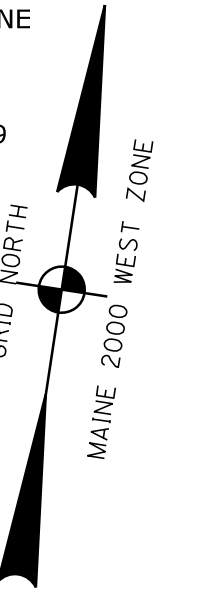
THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

Scale of Feet
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

CONTROL INFORMATION
COORDINATE SYSTEM - U.S. STATE PLANE
NAD83 (2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.99999179



- EXISTING RIGHT OF WAY INFORMATION
- 1) STATE OF MAINE DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP, STATE HIGHWAY "6"
FEDERAL AID PROJECT NO. HHS-06-1(8)
D.O.T. FILE NO. 16-214, DATED FEBRUARY 1975
Y.C.R.D. PLAN BOOK 84, PAGE 45
 - 2) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP, STATE AID HIGHWAY NO. 6
SPECIAL STATE AID PROJECT NO. 806(1)
S.H.C. FILE NO. S-16-323, DATED APRIL 1968
Y.C.R.D. PLAN BOOK 50, PAGE 48
 - 3) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP, STATE HIGHWAY A-5
FEDERAL AID PROJECT NO. 374-A(1)
S.H.C. FILE NO. 16-50, SHEET 3 OF 5
DATED JULY 1940, Y.C.R.D. PLAN BOOK 16, PAGE 50

TECH	CHECKED
E.M.S.	C.W.K.
J.H.	G.L.L.
J.H.	C.J.C.
ITEM	CONDITION PLAN
EXISTING	CONDITION PLAN
FINAL	RIGHT OF WAY
AREAS	AREAS

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

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

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER

DATE _____

STATE HIGHWAY "6"
ROUTE 9 / SCHOOL STREET
BERWICK YORK COUNTY
STATE PROJECT NO. 23529.00

FEBRUARY 2022
SCALE 1" = 25'

RIGHT-OF-WAY MAP
SHEET 1 OF 1

D.O.T. FILE NO. 16-539

SHEET NUMBER
11
OF 11

Date: 4/5/2022
Username: Jude.Hogan
Division: ROW
Filename: ... \000\ROW\WSTA011_RVPLANI.dgn

WIN 023529.00