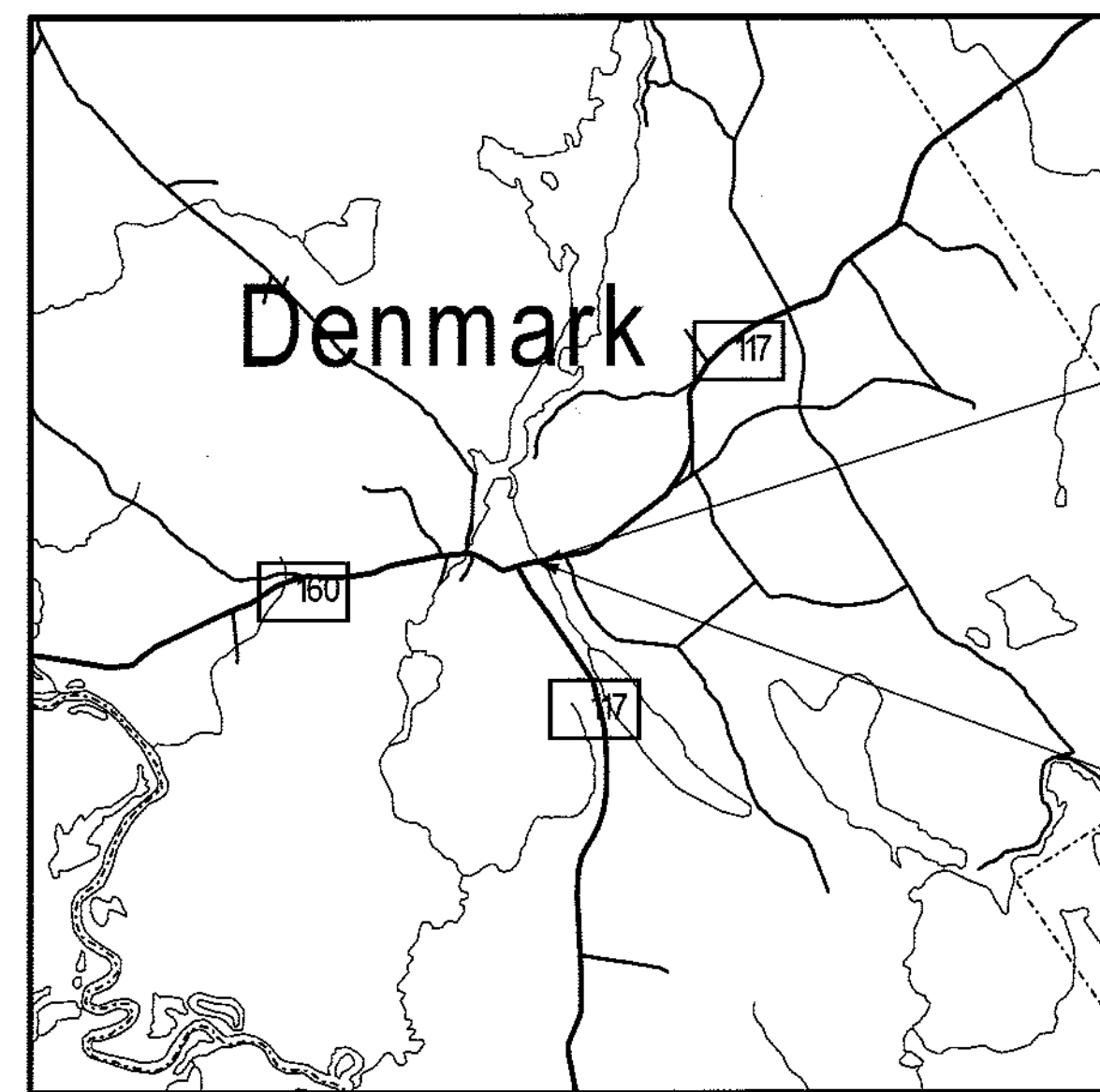


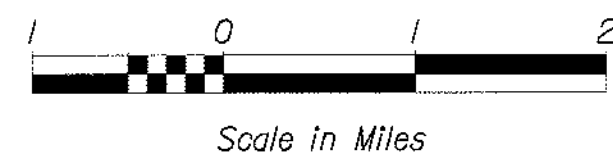
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



DENMARK
OXFORD COUNTY
ROUTE 117
STATE PROJECT NO. 17529.00
PROJECT LENGTH : 0.047 MILES
REHABILITATION

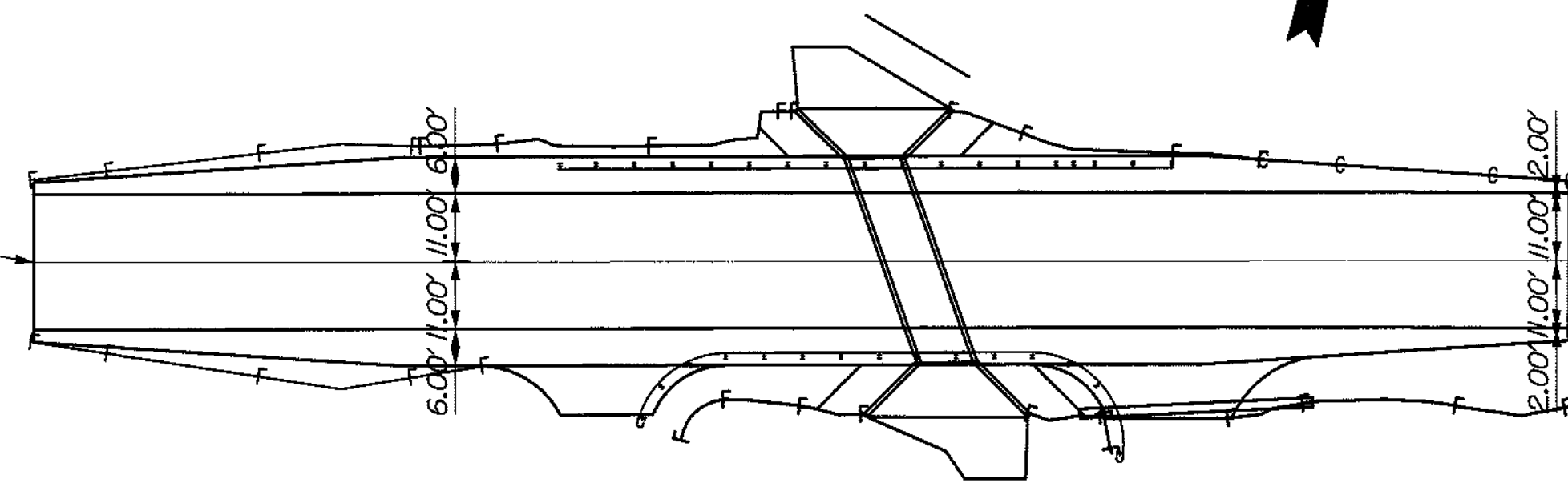


LOCATION MAP



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STA. 3+50

BEGIN PIN 17529.00
STA. 1+00

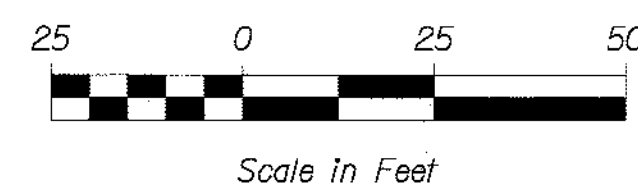


BEGIN PIN 17529.00
STA. 1+00

END PIN 17529.00
STA. 3+50

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
Curbing	Existing
Type 1	Proposed
Type 3	Existing
Type 5	Proposed
Outline of Bodies of Water	Manholes
Ledge	Existing
Buildings	Proposed
Trees	Underdrain
Tree Line	Proposed Ditch
Clearing Limit Line	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

LAYOUT SCALE



INDEX OF SHEETS

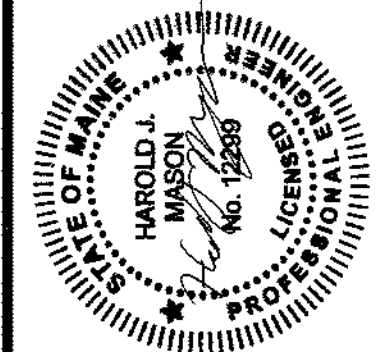
Description	Sheet No.
Title Sheet	1
Typical Sections	2-3
Box Typical	4
Estimated Quantities	5
Drainage Notes	6
General Notes	7
Plan/Profile	8
Cross - Sections	9-11

TRAFFIC DATA

Current (2010) AADT	1980
Future (2023) AADT	2220
Design Speed (mph)	30
Functional Class	MIN. COL.

PROGRAM AREA: STRUTS - REGION I
SCOPE OF WORK: STRUT REPLACEMENT

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	2/24/11	2/23/11
CHIEF ENGINEER: <i>[Signature]</i>		



SIGNATURE	P.E. NUMBER	DATE
<i>[Signature]</i>	12286	2-18-11

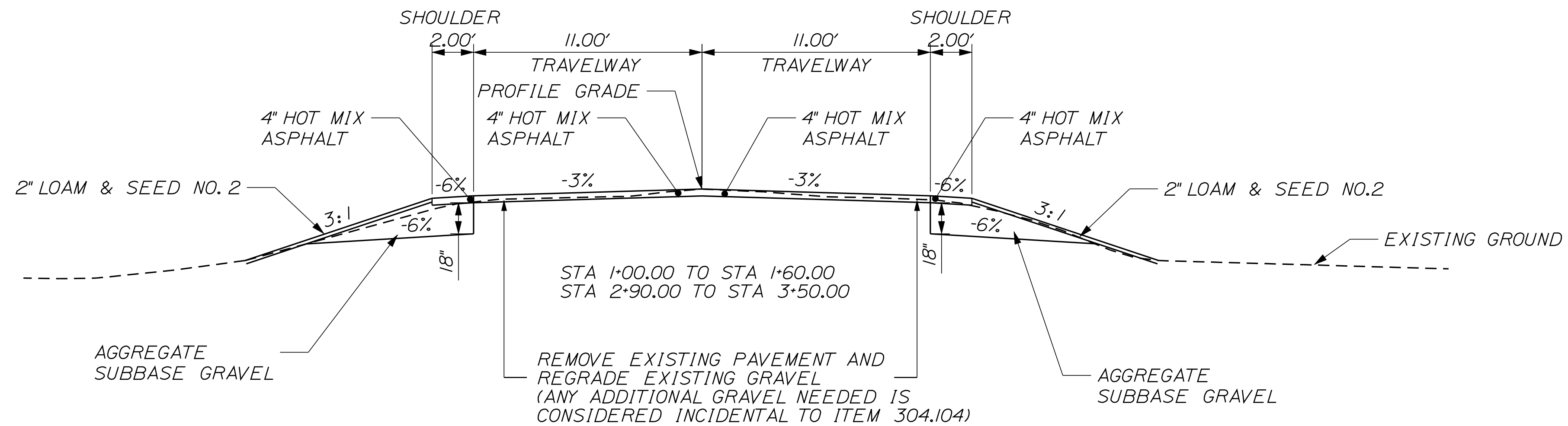
PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY							
R. HOUGH							
A. EATON							

PIN 17529.00

DENMARK ROUTE 117	TITLE SHEET
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SHEET NUMBER	1
OF 11	

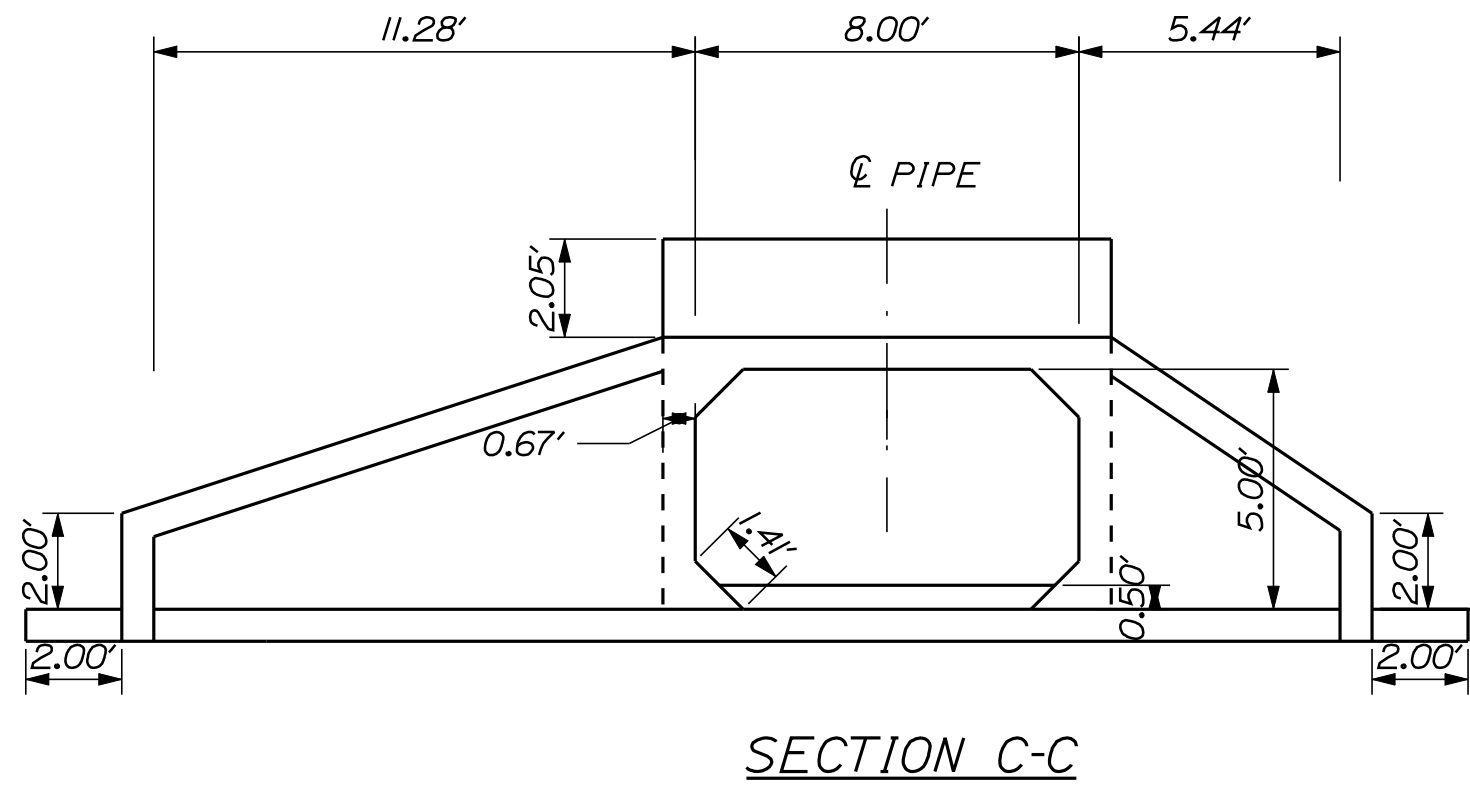
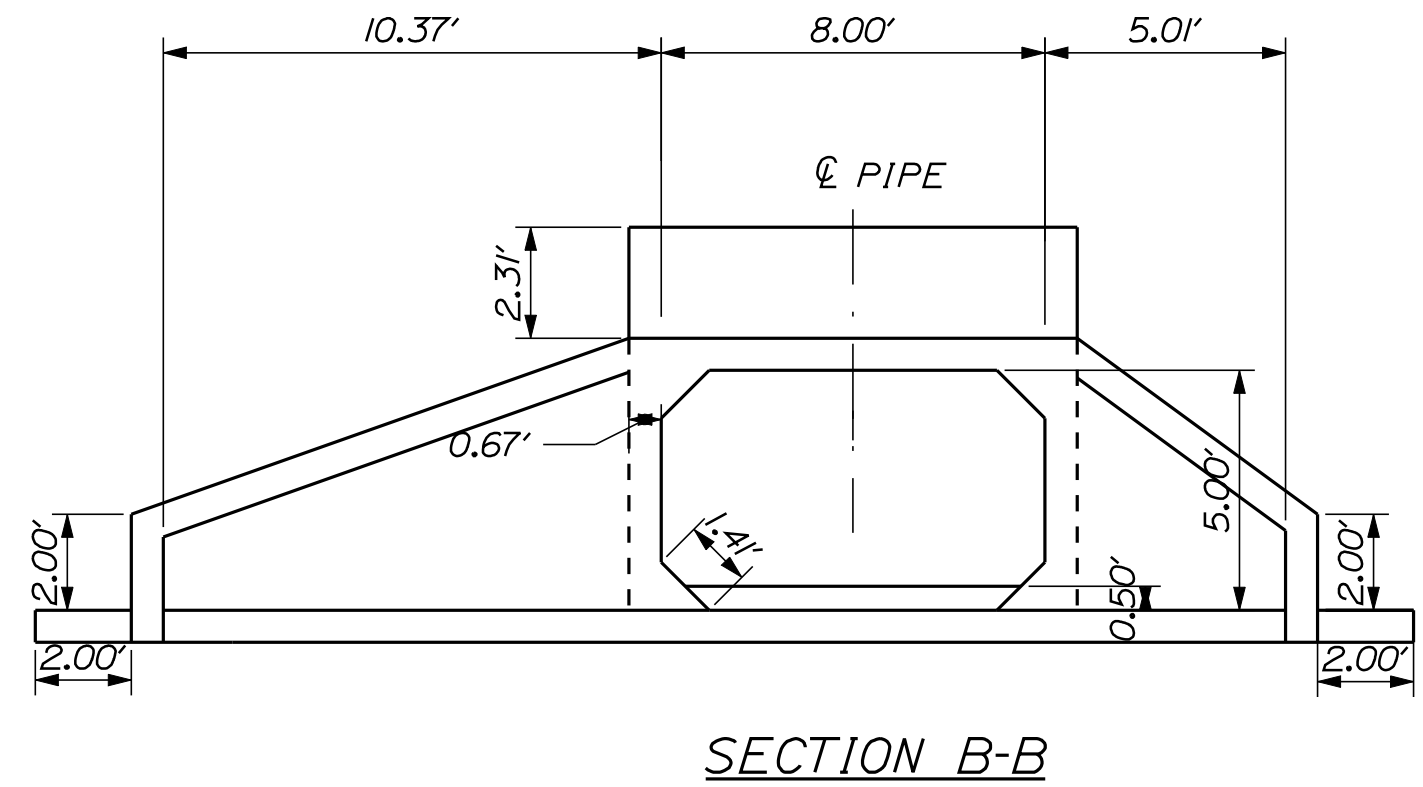
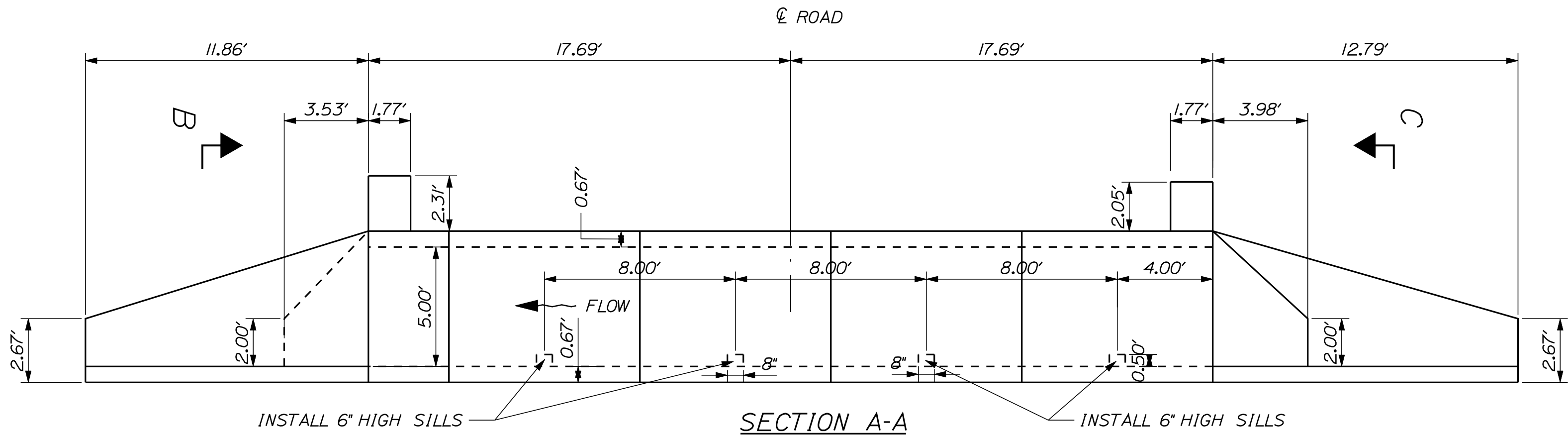
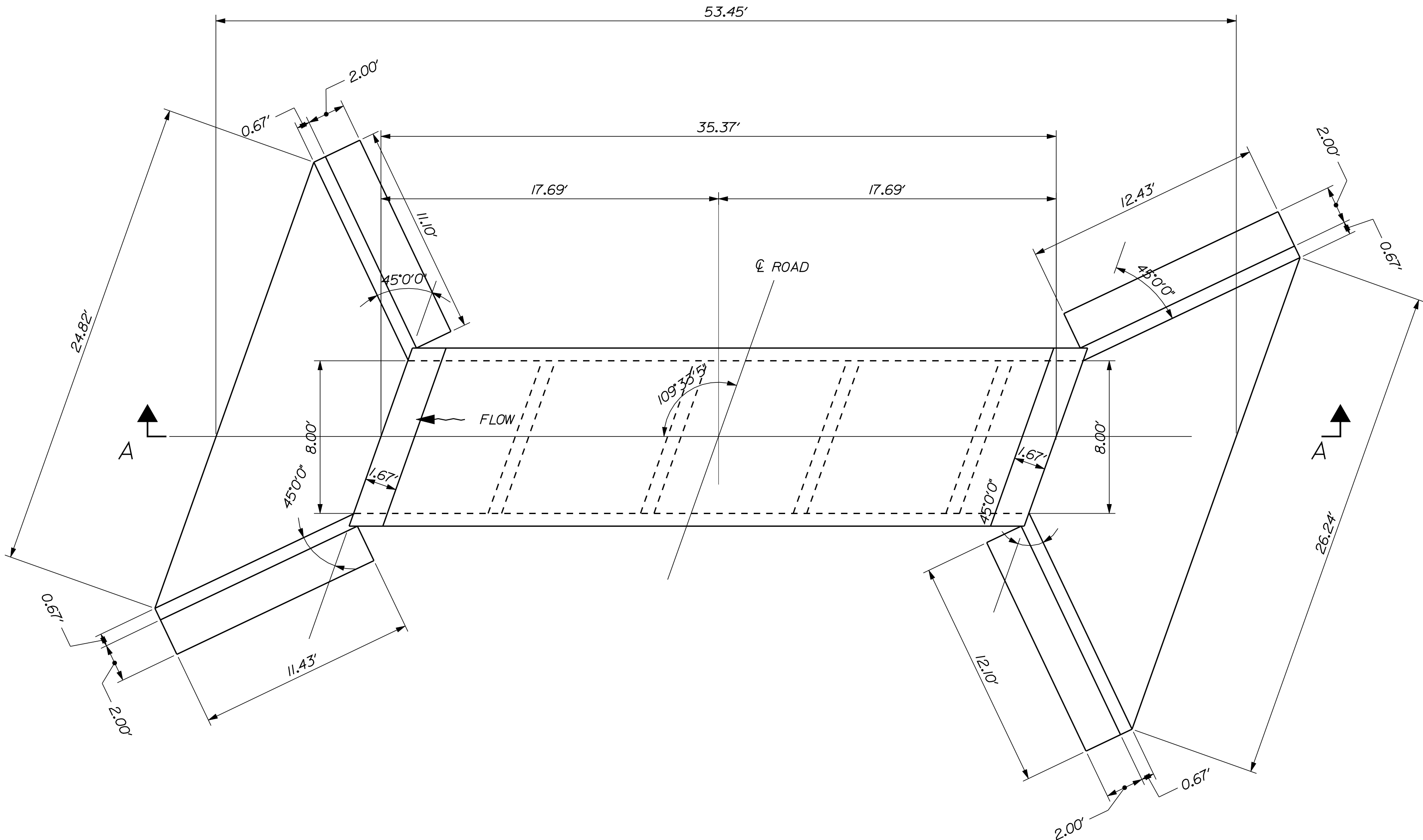
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1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
3. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2" LOAM OR DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
4. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

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NOT TO SCALE



NOT TO SCALE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION						SIGNATURE		P.E. NUMBER		DATE		PIN 17529.00		HIGHWAY PLANS	
DENMARK ROUTE 117 STRUT REHAB		PROJ. MANAGER A. EATON		R. HOUGH		BY JULY 2010									
		DESIGN-DETAILED CHECKED-REVIEWED DESIGN2-DETAILED2 DESIGN3-DETAILED3		C. CALLANT											
		REVISIONS 1													
		REVISIONS 2													
		REVISIONS 3													
		REVISIONS 4													
		FIELD CHANGES													
SHEET NUMBER															
4															
OF 11															

GENERAL NOTES

1. THE UTILITIES INVOLVED IN THIS CONTRACT ARE AS FOLLOWS:

CMP
FAIRPOINT
TIME WARNER CABLE

2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.

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

4. WHERE NO DITCHING OR INSLOPE EXCAVATION IS NEEDED,THE GRADING OF EXISTING MATERIAL OR THE ADDITION OF MATERIAL FOR 3 FEET BEYOND SHOULDER BREAK TO MATCH THE EXISTING SLOPE SHALL BE INCIDENTAL TO THE CONTRACT.

5. DRIVEWAY FILL SIDE SLOPES SHALL BE 3:1 UNLESS OTHERWISE NOTED ON THE PLANS.

6. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS. A COPY OF AGREEMENT IS TO BE PROVIDED TO THE RESIDENT.

7. IF THE RESIDENT DETERMINES THAT FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS,IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AND WILL BE PAID FOR AS GRANULAR BORROW ITEM 203.25.

8. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" HOT MIX ASPHALT AND 12" AGGREGATE SUBBASE COURSE GRAVEL.

9. UNPAVED ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE GRAVEL.

10. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES OR TO BACK EDGE OF THE SIDEWALK.

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

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

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

14. 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.

15. UNLESS OTHERWISE NOTED SEEDING METHOD NO.2 SHALL BE USED.

16. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 2 INCHES IN ALL AREAS UNLESS OTHERWISE NOTED OR DIRECTED.

17. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK; IT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

18. 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.

19. THE FILL QUANTITY SHOWN ON THE CROSS SECTIONS INCLUDES THE WASTE STORAGE.

20. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS.

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

22. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL FEBRUARY, 2008, ALSO WITHIN THE INSTREAM WORK WINDOW 7/15 TO 9/30.

23. DURING CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ONE LANE OF TRAFFIC AT ALL TIMES. TEMPORARY TRAFFIC SIGNALS WILL BE REQUIRED AND PAID FOR UNDER ITEM 643.72 TEMPORARY TRAFFIC SIGNAL.

24. ALL COST FOR REMOVING EXISTING DRAINAGE ITEMS WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

25. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROX. 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.

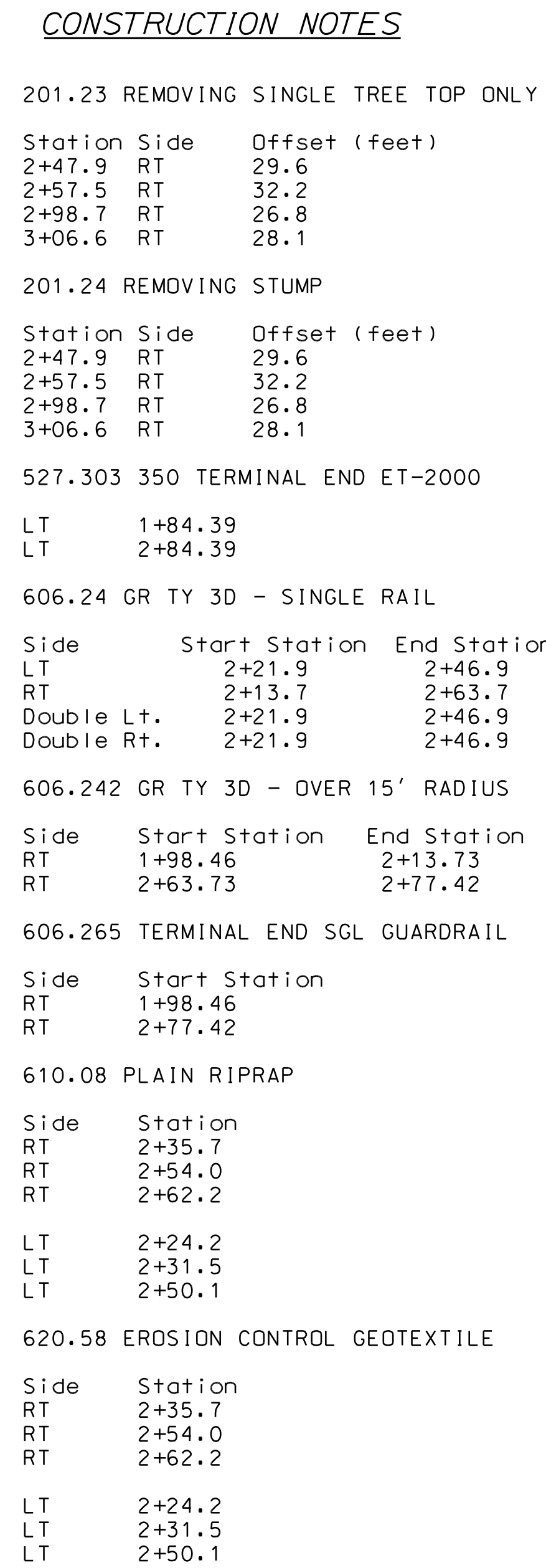
26. EXCAVATIONS ACCOMPLISHED AS PART OF THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SUBPART P OF 29 CFR PART 1926.650-652 (CONSTRUCTION STANDARD FOR EXCAVATIONS).

27. REMOVAL OF EXISTING PAVEMENT FROM STATION 1+00.00 TO STATION 2+36.65 AND 2+48.98 TO 3+50.00 WILL BE PAID FOR UNDER ITEM 203.2001 COMMON EXCAVATION. REMOVAL OF PAVEMENT FROM 2+36.65 TO 2+45.98 IS CONSIDERED INCIDENTAL TO ITEM 534.7102.

28. ALL CLEARING WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

29. TEMPORARY STOP BARS WILL BE CONSIDERED INCIDENTAL TO ITEM 643.72.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION					
	17529.00				
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					
	PIN 17529.00 HIGHWAY PLANS				
DENMARK ROUTE 117 STRUT REHAB GENERAL NOTES					
SHEET NUMBER 7 OF 11					
PROJ. MANAGER	R. HOUGH	BY	DATE		
DESIGN-DETAILED	A. EATON		JULY 2010		
CHECKED-REVIEWED	C. GALLANT			SIGNATURE	
DESIGN2-DETAILED2					
DESIGN3-DETAILED3				P.E. NUMBER	
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4				DATE	
FIELD CHANGES					

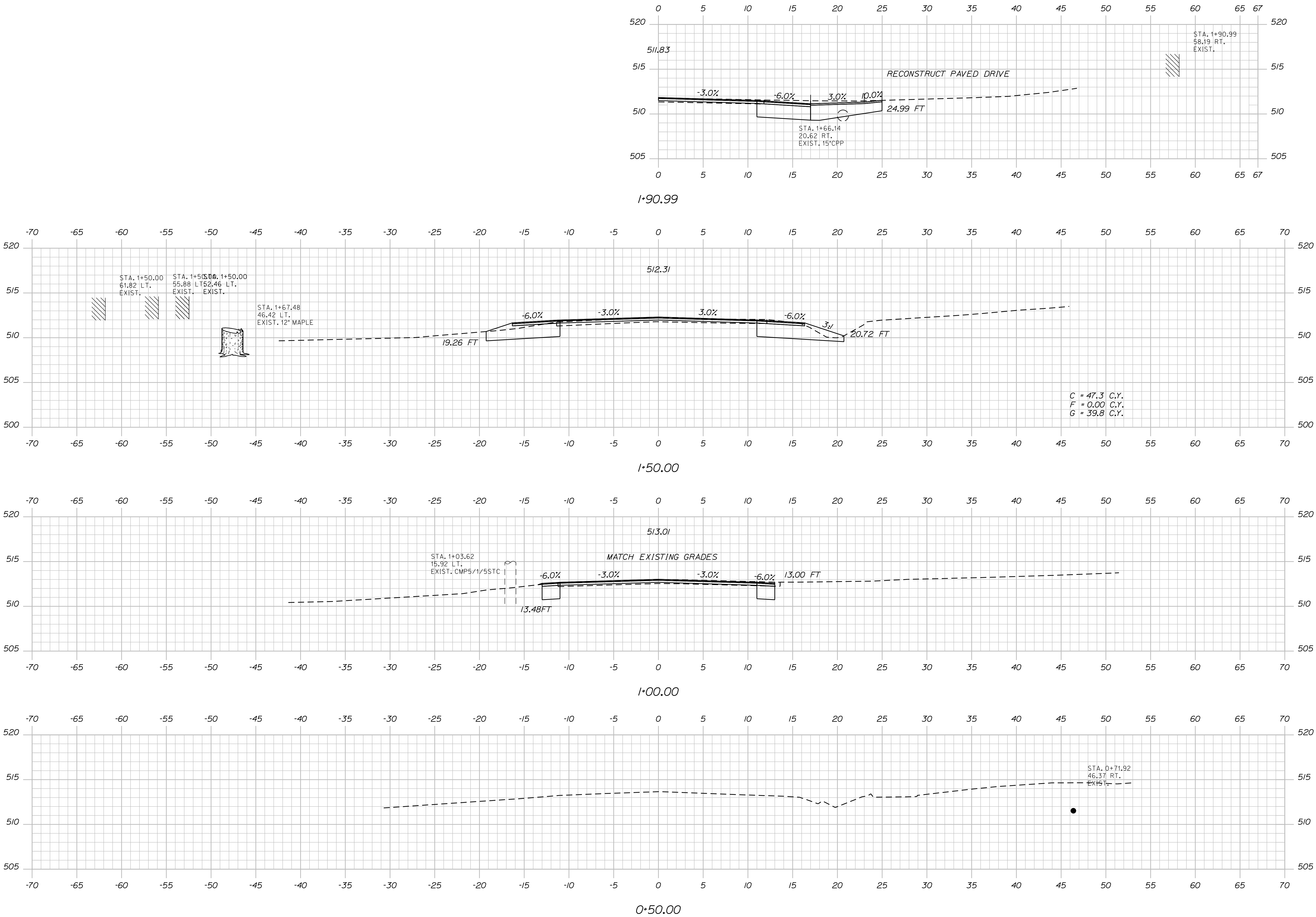


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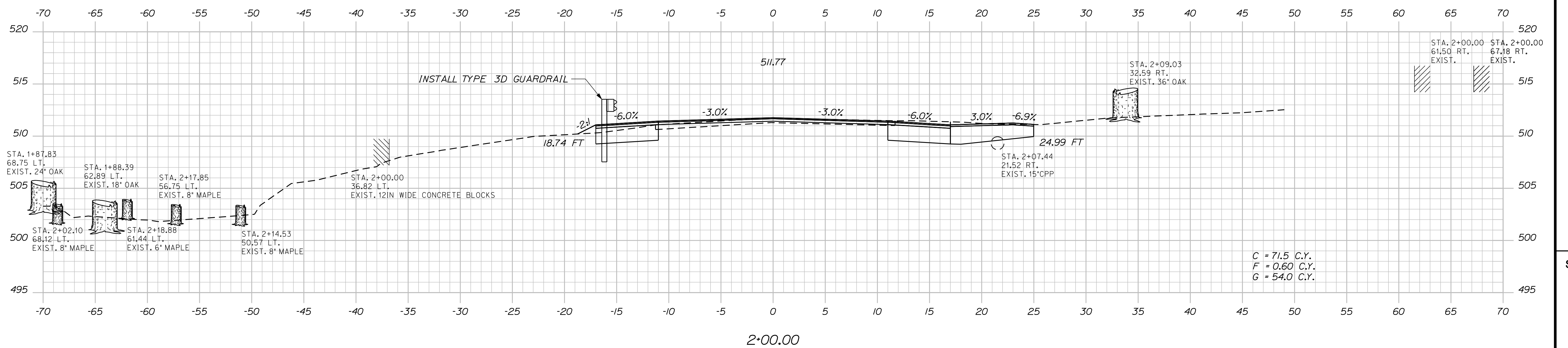
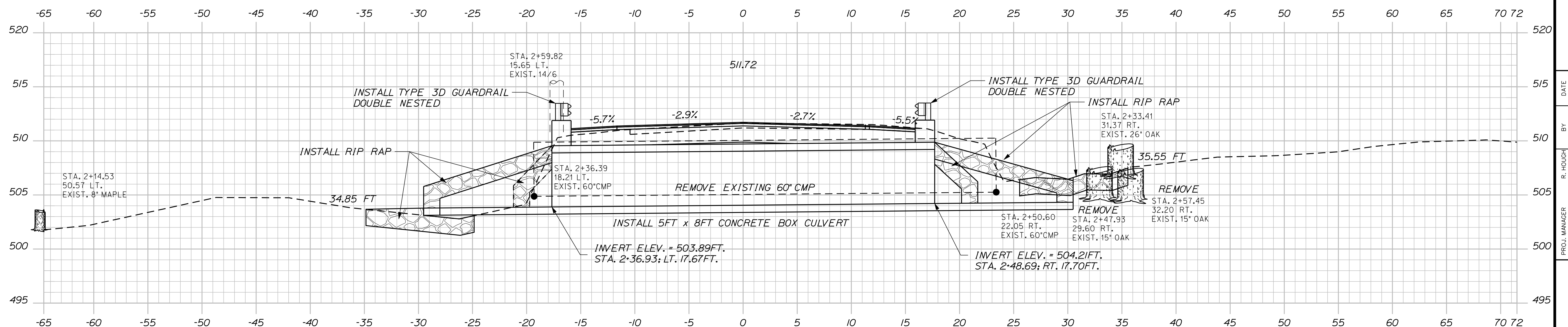
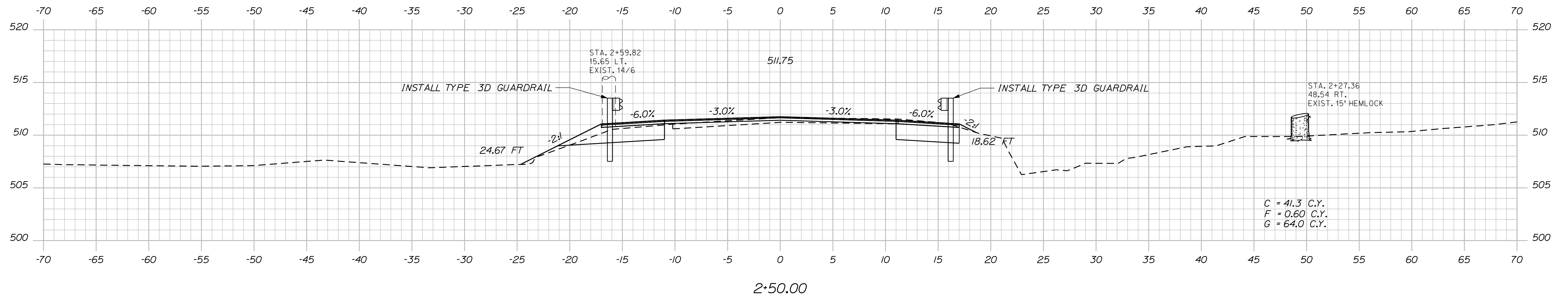
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Division: HIGHWAY

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PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
A. EATON	C. GALLANT							
BY	DATE	SIGNATURE	P.E. NUMBER	DATE				
	JULY 2000							



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

17529.00

FIN
17529.00
HIGHWAY PLANS

INITIATIVE LEADS

DESIGN-DETAILED	A. EATON	JULY 2008
CHECKED/REVIEWED	C. GALANTI	
DESIGNS-DET ALEDO3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
		SIGNATURE
		P.E. NUMBER
		DATE

DENMARK
ROUTE 117 STRUT REHAB

SHEET NUMBER

10

DF 11

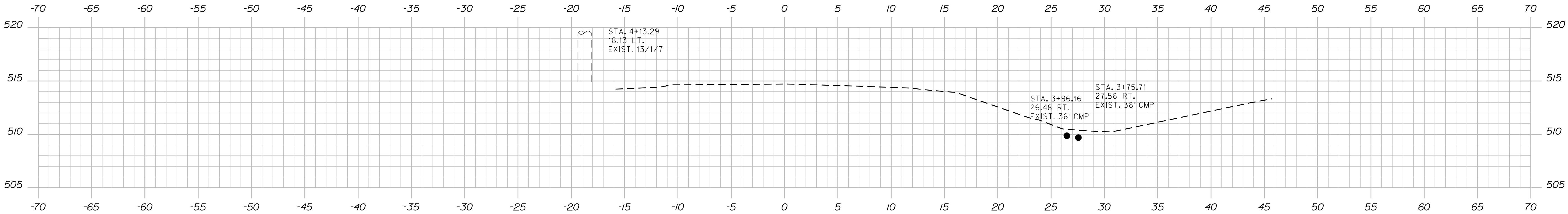
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Date:2/24/2011

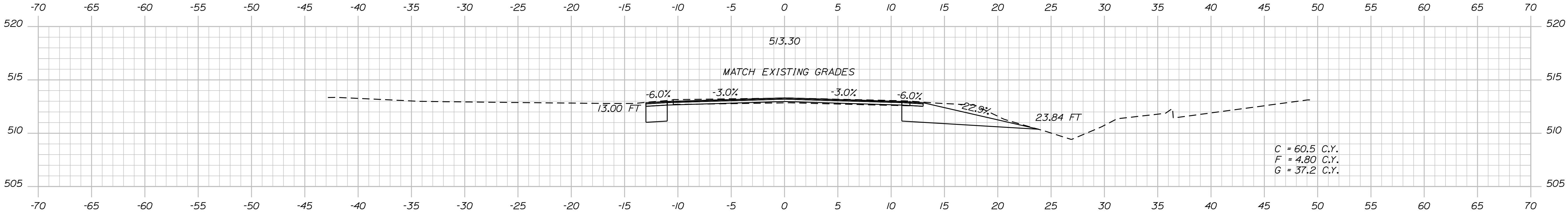
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Division: HIGHWAY

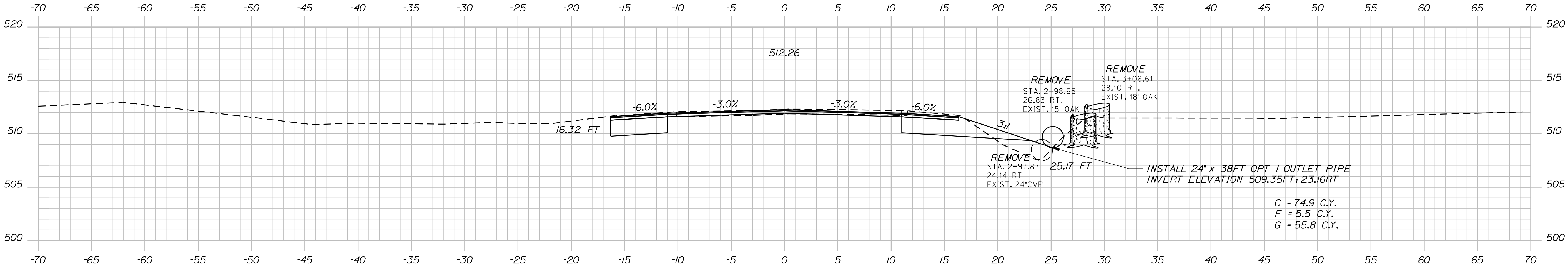
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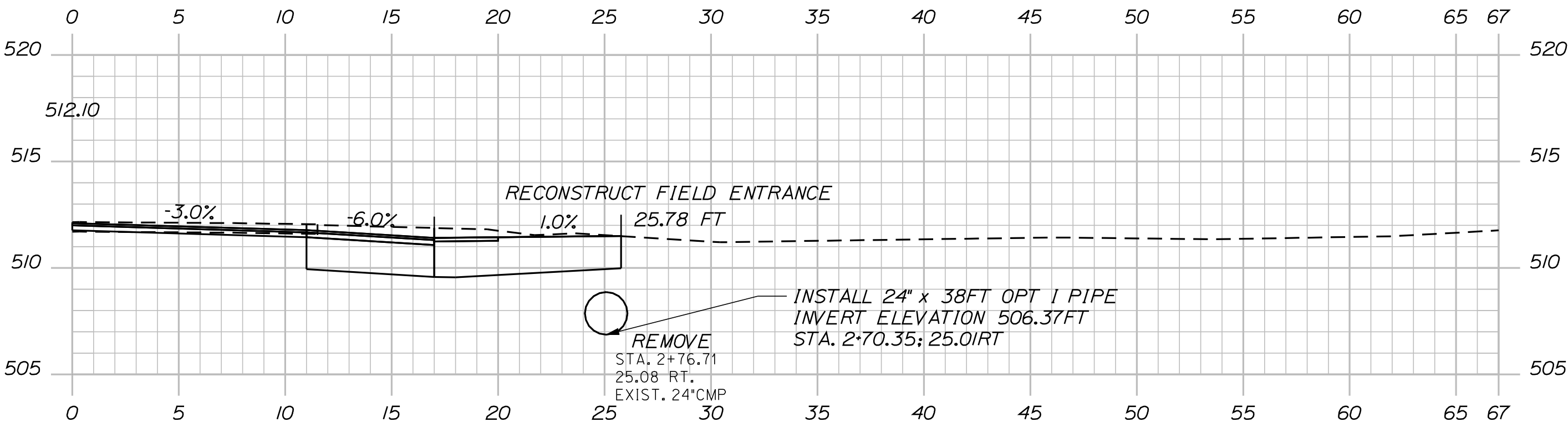
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3*50.00



3*00.00



2*88.92

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		17529.00		PIN		17529.00		HIGHWAY PLANS	
DENMARK		ROUTE 117 STRUT REHAB		CROSS SECTIONS		SHEET NUMBER		11		OF 11	
PROJ. MANAGER		CHECKED-REVIEWED		DESIGN-DETAILED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2	
R. HOUGH		A. EATON		C. GALLANT		C. GALLANT		C. GALLANT		C. GALLANT	
BY		DATE		SIGNATURE		P.E. NUMBER		DATE		DATE	
JULY 2001		JULY 2001		JULY 2001		JULY 2001		JULY 2001		JULY 2001	
FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		FIELD CHANGES	