

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE, REGION 6

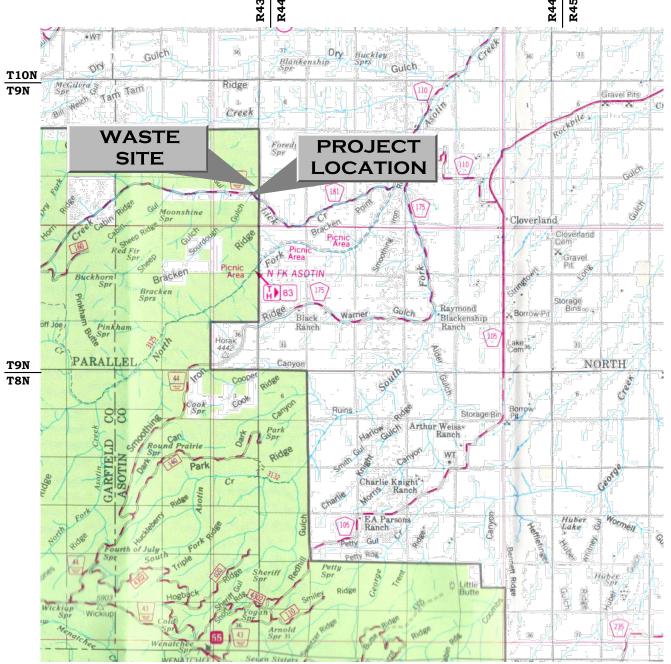
CONSTRUCTION PLANS FOR: LICK CREEK AOP REPLACEMENT GREAT AMERICAN OUTDOORS ACT

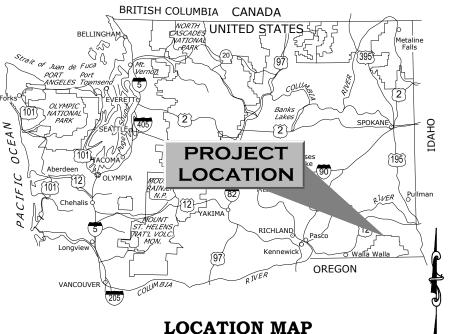
NFSR 4100350 MP 0.06

POMEROY RANGER DISTRICT UMATILLA NATIONAL FOREST ASOTIN COUNTY, WASHINGTON (46°15'34.33", -117°21'34.10")

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XS1-XS4	ROAD CROSS SECTIONS							

MATERIAL SOURCES
GOVERNMENT FURNISHED
WASTE SITE (OPTIONAL)
CONTRACTOR FURNISHED
UNCLASSIFIED BORROW
CRUSHED AGGREGATE SURFACING
RIPRAP
STRUCTURE BACKFILL
STREAM SIMULATION MATERIAL
CHANNEL ROCK
ALL OTHER MATERIALS ARE CONTRACTOR FURNISHED





APPROVED:

CHIEF ENGINEER DATE WASHINGTON DEPT. FISH AND WILDLIFE





VICINITY MAP

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUAN.	ГІТҮ	COMMENTS		
15101	MOBILIZATION	LUMP SUM	ALL	LSQ	INCLUDES TRAFFIC CONTROL		
15201	CONSTRUCTION SURVEY AND STAKING, METHOD 1, TOLERANCE CLASS A	LUMP SUM	ALL	LSQ	LICENSED SURVEYOR REQUIRED		
15401	CONTRACTOR TESTING	LUMP SUM	ALL	LSQ			
15713	SOIL EROSION & POLLUTION CONTROL	LUMP SUM	ALL	LSQ	INCLUDES DEWATERING. SEE GENERAL NOTES THIS SHEET.		
20301	REMOVAL OF EXISTING CORRUGATED STEEL CULVERTS, DISPOSAL METHOD (A)	LUMP SUM	ALL	LSQ			
20407	ROADWAY EXCAVATION	CUBIC YARD	712	CQ	INCLUDES EXISTING ROADWAY EXCAVATION AND NEW ROAD CONSTRUCTION.		
20425	DRAINAGE EXCAVATION, TYPE DRAIN DIP	EACH	1	AQ	SEE SHEETS 5 AND 6.		
20801	STRUCTURE EXCAVATION	LUMP SUM	ALL	LSQ	ESTIMATED EXCAVATION VOLUME IS 29 CY. QUANTITY IS INFORMATIONAL ONLY.		
20859	STRUCTURAL BACKFILL	CUBIC YARD	35	CQ	IN PLACE QUANTITY, NOT ADJUSTED FOR SHRINK/SWELL. COMMERCIAL SOURCE		
25101	PLACED RIPRAP, CLASS 2, METHOD A	CUBIC YARD	10	CQ	COMMERCIAL SOURCE, CERTIFIED WEED FREE		
27201	GEOCELL FOOTING STABILIZATION, 6" DEPTH	SQUARE YARD	14	CQ	CONTRACTOR FURNISHED COARSE GRANULAR BACKFILL. INCLUDES GEOTEXTILE.		
30207	AGGREGATE SURFACE COURSE, METHOD 1	CUBIC YARD	65	CQ	IN PLACE QUANTITY, NOT ADJUSTED FOR SHRINK/SWELL. COMMERCIAL SOURCE, CERTIFIED WEED FREE		
55217	PRECAST CONCRETE MEMBER, ABUTMENTS	EACH	2	AQ			
55701	UNTREATED STRUCTURAL TIMBER & LUMBER. RUNNING PLANKS	MBF	0.25	CQ			
61902	GATE	EACH	1	AQ	INCLUDES FENCE REPAIR		
61903	16' X 14' GALVANIZED STEEL CREEK GUARD	LUMP SUM	ALL	LSQ	ALL MATERIALS REQUIRED FOR SELECTED BRIDGE STRUCTURE, INCLUDING CREEK GUARD GRID AND CURB		
63306	POSTS, WOOD	LINEAR FOOT	40	CQ			
63307	OBJECT MARKERS, TYPE 3	EACH	4	AQ			
64801	PLACED STREAMBED SIMULATION MATERIAL BED CLASS 4, METHOD A	CUBIC YARD	6	CQ	MATERIAL TO BE SALVAGED FROM EXCAVATION. SOME MIXING AND SORTING MAY BE REQUIRED TO MEET GRADATIONS. IF ADDITIONAL MATERIAL IS REQUIRED,		
64803	PLACED CHANNEL ROCK FOR BANK MARGINS AND RANDOM ROCK/ROCK STRUCTURES, CLASS CR-1, METHOD A	CUBIC YARD	40	CQ	USE COMMERCIAL SOURCE, CERTIFIED WEED FREE. NOTIFY CO AT LEAST FIVE (5) DAYS PRIOR TO PERFORMING THE WORK. PERFORM WORK IN ACCORDANCE WITH FSSS SECTION 648.		
OPTIONAL ITEM(S)							
20422	STREAM CHANNEL CONSTRUCTION	LUMP SUM	ALL	LSQ	FOR WORK PERFORMED UNDER 64801 AND 64803 ITEMS AS DIRECTED BY CO. NOTIFY CO AT LEAST FIVE (5) BUSINESS DAYS PRIOR TO PERFORMING THE WORK.		

LSQ = LUMP SUM QUANTITY
CQ = CONTRACT QUANTITY (SEE SECTION 109.02(B) OF THE STANDARD SPECIFICATIONS)

MATERIALS NOTES

CONCRETE: USE CLASS P(AE) FOR ALL CAST-IN-PLACE AND PRECAST, NON-PRESTRESSED CONCRETE WITH F'C = 4000 PSI AT 28 DAYS AND AN ENTRAINED AIR CONTENT IN ACCORDANCE WITH SECTION 552. MAKE ALL CONCRETE IN ACCORDANCE WITH AN APPROVED MIX DESIGN. CHAMFER ALL EXPOSED EDGES OF CONCRETE 3/4" AND FILLET ALL ACUTE ANGLES 3/4" UNLESS OTHERWISE NOTED.

STRUCTURAL STEEL: USE STRUCTURAL STEEL SHAPES AND PLATES CONFORMING TO THE REQUIREMENTS OF ASTM A36.

HOT DIP GALVANIZE (SINGLE DIP) ALL STRUCTURAL STEEL MEMBERS IN ACCORDANCE WITH AASHTO M111 (ASTM A123).

FASTENERS: USE FASTENERS GALVANIZED IN ACCORDANCE WITH AASHTO M232 (ASTM A153).

SOLID SAWN MEMBERS: FURNISH UNTREATED SOLID SAWN RUNNING PLANKS OF COASTAL REGION DOUGLAS FIR-LARCH ROUGH SAWN NO. 2 OR BETTER GRADE.

DESIGN NOTES

BRIDGE DESIGN: THIS STRUCTURE SHALL BE DESIGNED FOR HL-93 LOADING IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION WITH CURRENT INTERIMS.

GENERAL NOTES

SPECIFICATIONS: CONSTRUCT THE PROJECT IN COMPLIANCE WITH FEDERAL HIGHWAY ADMINISTRATION STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROAD AND BRIDGES ON FEDERAL HIGHWAY PROJECTS (FP-14) AND APPLICABLE FOREST SERVICE SUPPLEMENTAL SPECIFICATIONS.

DEWATERING & EROSION CONTROL PLAN: SUBMIT A DEWATERING AND SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE CONTRACTING OFFICER FOR APPROVAL AT LEAST THIRTY (30) DAYS PRIOR TO BEGINNING WORK. SEE SECTION 157 AND 648 OF THE SUPPLEMENTAL SPECIFICATIONS FOR DETAILS. CONSTRUCT TEMPORARY MEANS TO DIVERT THE FLOW OF THE LIVE STREAM AS NECESSARY TO PERFORM WORK. DO NOT ALLOW WATER FROM EXCAVATIONS TO FLOW DIRECTLY INTO THE LIVE STREAM.

TEMPORARY TRAFFIC CONTROL: SUBMIT A TEMPORARY TRAFFIC CONTROL PLAN TO THE CONTRACTING OFFICER FOR APPROVAL AT LEAST THIRTY (30) DAYS PRIOR TO INTENDED USE.

EQUIPMENT STORAGE: STORAGE OF ALL EQUIPMENT ON GOVERNMENT LANDS WILL BE AT A LOCATION APPROVED BY THE CO.

 $\underline{\text{SEEDING}}\text{: SEED AND MULCH ALL DISTURBED SOIL THAT IS NOT WITHIN TRAVEL } \\ \underline{\text{WAY OR STREAM CHANNEL}}\text{.}$

IN-STREAM WORK: ONLY CONDUCT IN-STREAM WORK BETWEEN JULY 15TH AND AUGUST 25TH. ALLOWANCE SHALL BE GIVEN TO THE FOREST SERVICE TO CAPTURE AND REMOVE FISH AND OTHER AQUATIC ORGANISMS FROM WITHIN THE CONSTRUCTION WORK AREA PRIOR TO AND DURING WORK ACTIVITIES.

DISPOSAL: ALL MATERIALS DESIGNATED FOR REMOVAL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE TO BE DISPOSED OF BY REMOVING FROM THE FOREST IN AN ENVIRONMENTALLY SAFE MANNER IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS. DISPOSE OF EXCESS OR UNSUITABLE MATERIAL AT THE LOCATION DESIGNATED IN FSSS, SECTION 105. HAULING OF EXCESS OR UNSUITABLE MATERIAL IS INCIDENTAL TO ASSOCIATED WORK.

WASTE SITE: THE WASTE SITE DESIGNATED IN THE PLANS AND SPECIFICATIONS IS AN OPTIONAL SITE AND WILL NEED TO BE APPROVED BY CO PRIOR TO USE.



United States Department of Agriculture Forest Service

REGION 6

PACIFIC NORTHWEST REGION

PROJECT NAME

LICK CREEK 4100350-0.06 AOP REPLACEMENT

UMATILLA NATIONAL FOREST

POMEROY RANGER DISTRICT

DRAWING TITLE

SUMMARY OF ESTIMATED QUANTITIES & GENERAL NOTES

DATE	
Feb-24	
ARCHIVE NO.	
DESIGNER	DWG SHEET NO.
J. ROSKE	2
DRAWN	2
J. ROSKE	
CHECKED	
B. KAMRUD	
PROJECT NO.	SHEET 2 OF 11
6960.036	

	LAYOUT POINT TABLE								
POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION					
1000	353724.80	2434635.07	2693.50	STA 10+10 BEGIN CONSTRUCTION					
1001	353715.29	2434631.95	2693.11	STA 10+20					
1002	353696.29	2434625.71	2692.35	STA 10+40					
1003	353677.29	2434619.47	2691.60	STA 10+60					
1004	353658.29	2434613.23	2690.95	STA 10+80					
1005	353639.28	2434606.99	2690.47	STA 11+00					
1006	353620.28	2434600.76	2690.15	STA 11+20					
1007	353601.28	2434594.52	2689.99	STA 11+40					
1008	353582.28	2434588.28	2689.99	STA 11+40					
1009	353563.28	2434582.04	2690.14	STA 11+80					
1010	353544.27	2434575.80	2690.34	STA 12+00					
1011	353526.36	2434569.93	2690.53	STA 12+18.85 BEGINNING OF BRIDGE					
1012	353511.64	2434565.09	2690.69	STA 12+34.35 END OF BRIDGE					
1013	353510.51	2434564.72	0.00	STA 35.53 PC					
1014	353497.52	2434558.46	2690.95	STA 12+50					
1015	353480.38	2434540.56	0.00	STA 12+75					
1016	353474.49	2434526.51	0.00	STA 12+90.29 PT					
1017	353473.39	2434522.35	0.00	STA 12+94.59 PC					
1018	353468.05	2434507.91	2694.14	STA 13+10					
1019	353458.04	2434492.21	2695.83	STA 13+28.67 PT					
1020	353456.56	2434490.40	2696.05	STA 13+31 END CONSTRUCTION					

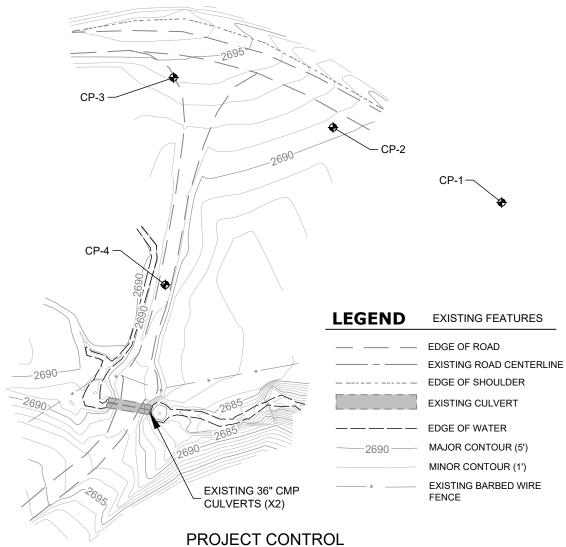
ROAD CENTERLINE POINTS

*CENTERLINE POINTS ARE AT PROFILE GRADE

LAYOUT POINT TABLE							
POINT#	NORTHING EASTING ELEVATION DESCRIPTION						
8000	353525.65	2434569.69	2685.54	ABUTMENT 1 LAYOUT			
8001	353512.35	2434565.33	2685.68	ABUTMENT 2 LAYOUT			

FOUNDATION LAYOUT POINTS

*ABUTMENT LAYOUT POINTS ARE BOTTOM OF FOOTING ELEVATIONS



CONTROL POINT TABLE							
POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION			
CP-1	353648.97	2434784.76	2682.24	5/8" REBAR W/ RPC			
CP-2	353695.88	2434679.41	2690.51	5/8" REBAR W/ RPC			
CP-3	353727.04	2434579.74	2694.35	5/8" REBAR W/ RPC			
CP-4	353597.51	2434574.52	2691.28	5/8" REBAR W/ RPC			

SCALE: 1" = 60'

SURVEY CONTROL POINTS



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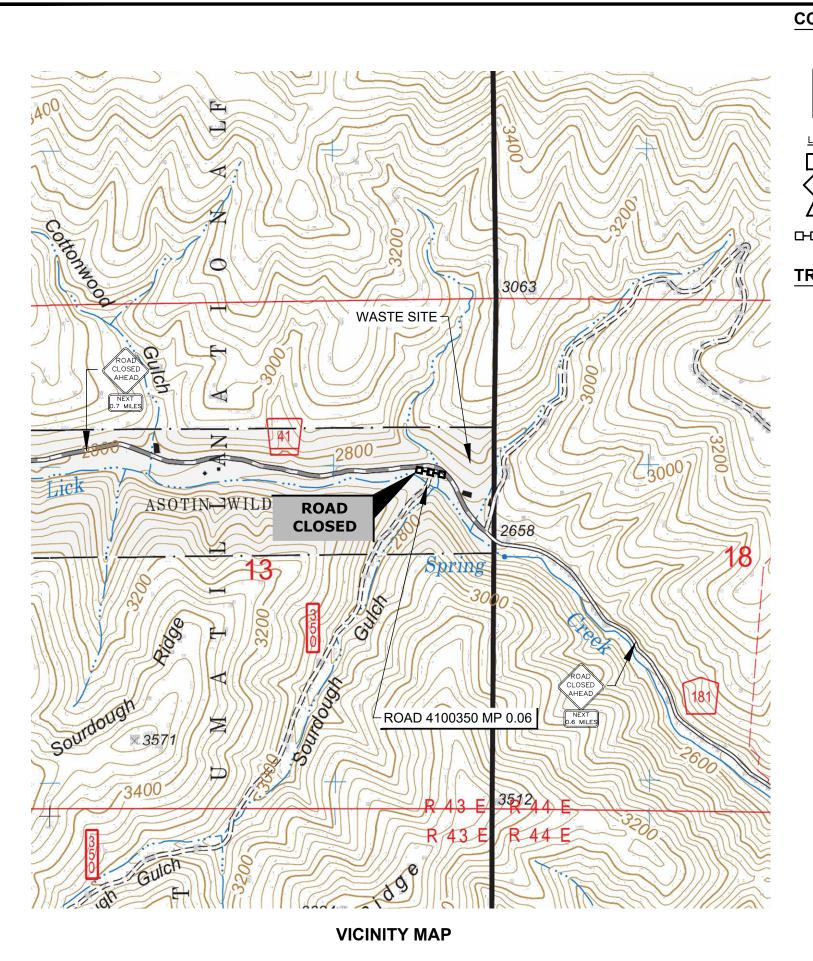
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POMEROY RANGER DISTRICT

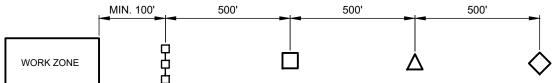
DRAWING TITLE

PROJECT CONTROL & LAYOUT POINTS

DATE	
Feb-24	
ARCHIVE NO.	
DESIGNER	DWG SHEET NO.
J. ROSKE	_
DRAWN	3
J. ROSKE	
CHECKED	
B. KAMRUD	
	SHEET 3 OF 11
PROJECT NO.	SHEEL 3 OF 11
6960.036	



CONCEPTUAL TRAFFIC CONTROL DIAGRAM



LEGEND

"TRUCKS AHEAD" 36"x36"

"ROAD CLOSED AHEAD" 36"x36"

ROAD WORK AHEAD" 36"x36"

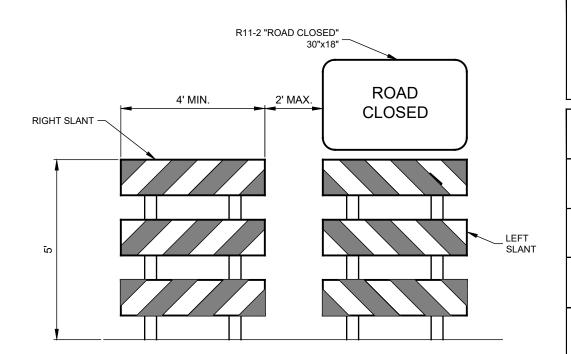
ROAD CLOSURE BARRICADE, TYPE III WITH ROAD CLOSED SIGN 30"x18"

SIGNAGE NOTES

- SIGN DISTANCES AND LOCATIONS MAY BE ADJUSTED BASED ON ROAD CONDITIONS.
- 2. SIGNAGE MUST MEET MUTCD STANDARDS.
- IN ADDITION TO THE SIGNS ABOVE, PLACE A "ROAD CLOSED AHEAD, XX MILES" WHERE SHOWN ON THE VICINITY MAP ON THIS SHEET.

TRAFFIC CONTROL NOTES:

- SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW PER SECTION 156 OF THE FOREST SERVICE SUPPLEMENTAL SPECIFICATIONS (FSSS).
- 2. THE CONCEPTUAL PLAN SHOWN REPRESENTS THE MINIMUM REQUIREMENTS FOR CLOSURE. THE CONTRACTOR IS RESPONSIBLE TO SUBMIT A TRAFFIC CONTROL PLAN AND FURNISH AND INSTALL ANY ADDITIONAL SIGNS THAT MAY BE REQUIRED BY THEIR OPERATIONS, AND IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 3. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE CO IN WRITING AT LEAST 14 DAYS PRIOR TO ANY PROPOSED ROAD CLOSURE.
- 4. PERFORM NO WORK THAT INTERFERES OR CONFLICTS WITH TRAFFIC OR EXISTING ACCESS TO THE ROADWAY SURFACE UNTIL A TRAFFIC CONTROL PLAN HAS BEEN APPROVED. POST CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH MUTCD. ALL REQUIRED SIGNS WILL BE IN PLACE AND APPROVED PRIOR TO BEGINNING WORK ON PROJECT.
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL TRAFFIC CONTROL SIGNS. IMMEDIATELY REPLACE ANY MISSING OR DEFACED SIGNS. REMOVE ALL SIGNS AND BARRICADES AT THE END OF THE CLOSURE PERIOD.
- 6. SIGN DISTANCES AND LOCATIONS MAY BE ADJUSTED BASED ON ROAD CONDITIONS



TYPE III BARRICADE FOR CLOSURE



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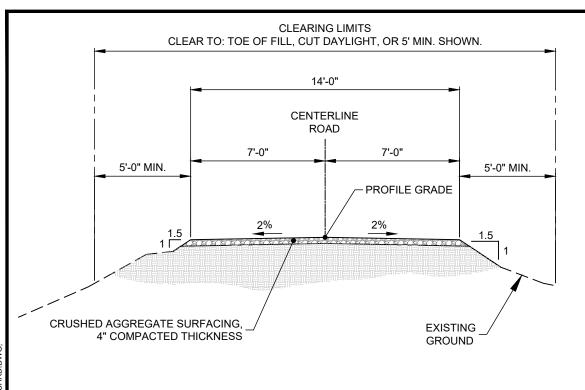
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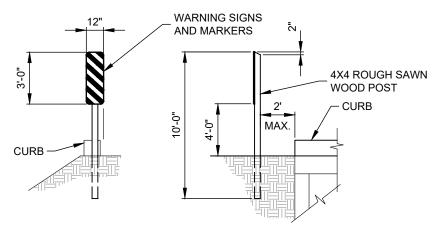
POMEROY RANGER DISTRICT

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GENERAL TRAFFIC CONTROL

DATE	
Feb-24	
ARCHIVE NO.	
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CHECKED B. KAMRUD	
PROJECT NO. 6960.036	SHEET 4 OF 18

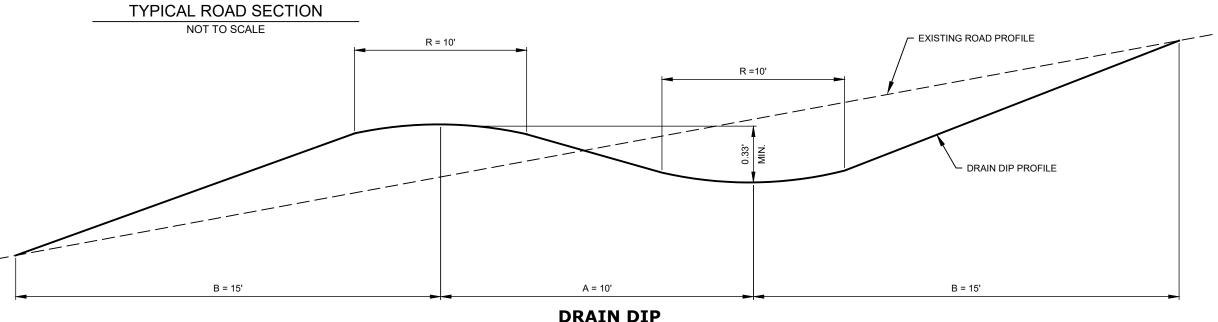




OBJECT MARKERS: USE 12"X 36" TYPE 3 OBJECT MARKERS COLORED YELLOW AND BLACK. USE MATERIAL MEETING MUTCD OM-3L OR OM-3R SPECIFICATIONS. FASTEN TO POST W/ (2) 1/4" Ø MACHINE BOLTS W/ WASHERS. FIELD DRILL BOLT HOLES. INSTALL POSTS SUCH THAT THE INSIDE EDGE OF THE REFLECTORIZED PANEL IS ON LINE WITH THE INSIDE EDGE OF THE CURB.

OBJECT MARKER TYPE 3

NOT TO SCALE



NOT TO SCALE

GRADE LOWBOY								GRADE 4X4 (FIRE ENGI			NGINE)	INE)		
(%)	LENGTH	TAPER	ROUN	IDING	(%)	LENGTH	TAPER	ROUNI	DING	(%)	LENGTH	TAPER	ROUI	NDING
	A(ft)	B(ft)	%	R(ft)		A(ft)	B(ft)	%	R(ft)		A(ft)	B(ft)	%	R(ft)
0-5	30	30	7	30	0-5	20	25	10	20	0-5	10	15	19	10
6-9	30	50	7	30	6-9	20	40	10	20	6-9	10	20	19	10
10-12	30	60	7	30	10-12	20	50	10	20	10-30	10	10	19	10
15 15								5						
CHORD LENGTH FOR ROUNDING, TYPICAL														

- 1. CONSTRUCT DRAIN DIP TO ACCOMMODATE A 4X4 AT 0-5% GRADE.
- 2. MINIMUM CROSS SLOPE OF DRAINLINE: 2% MIN AND 4% MAX.
- 3. SKEW OF DRAINLINE SHALL BE 0-25 DEGREES.
- 4. WHEN RIPRAP IS SPECIFIED AT OUTLET, IT SHALL BE SHAPED TO ASSURE WATER GOES ONTO RIPRAP, NOT AROUND. INSTRUMENT SHALL BE USED TO DETERMINE LOW POINT.
- 5. RIPRAP TOP ELEVATION SHALL BE AT TOP OF FINISHED OUTLET GRADE, NOT SUBGRADE.
- 6. TAPER LENGTHS SHALL BE WITHIN 10% OF LISTED LENGTHS.



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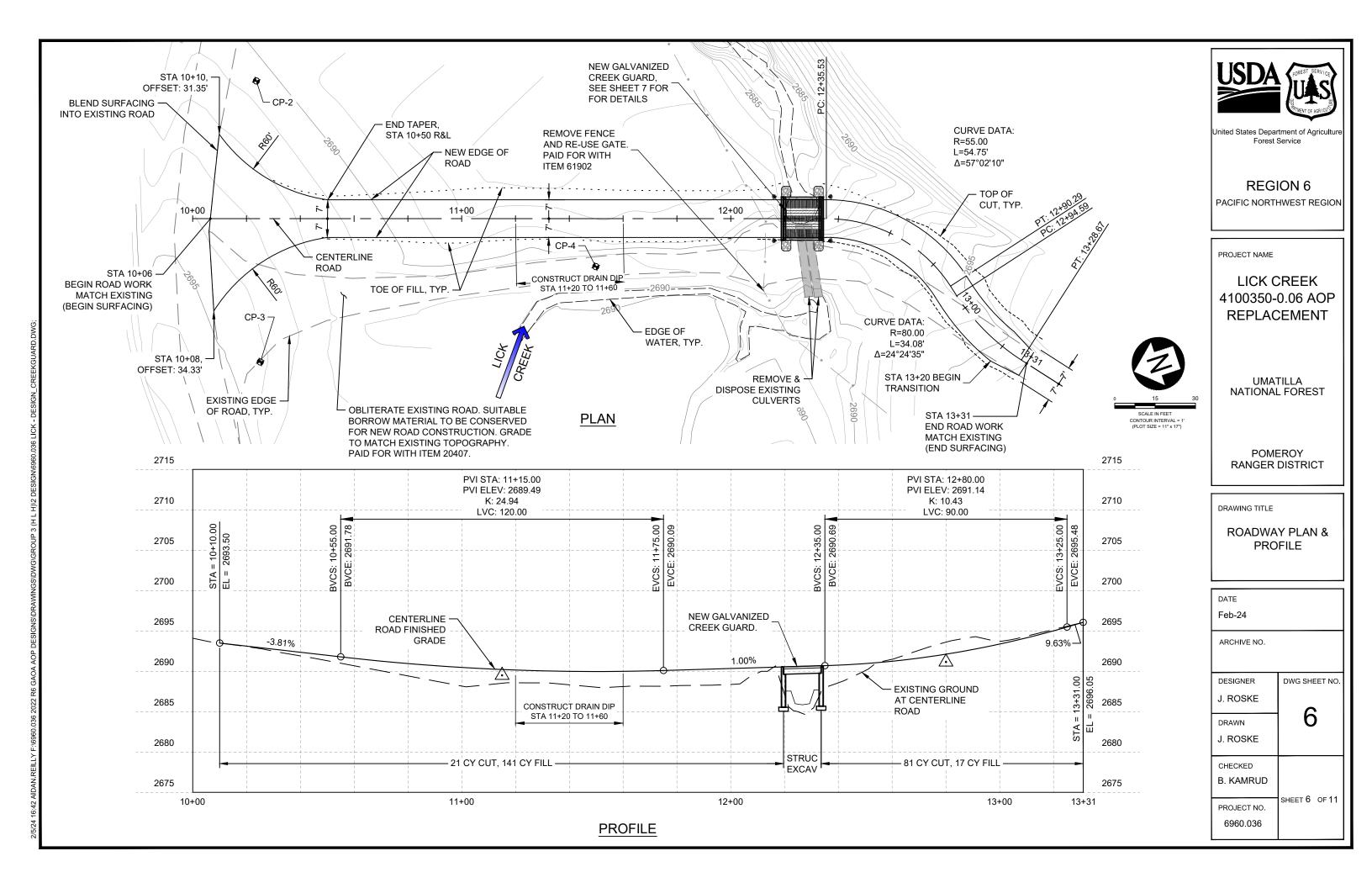
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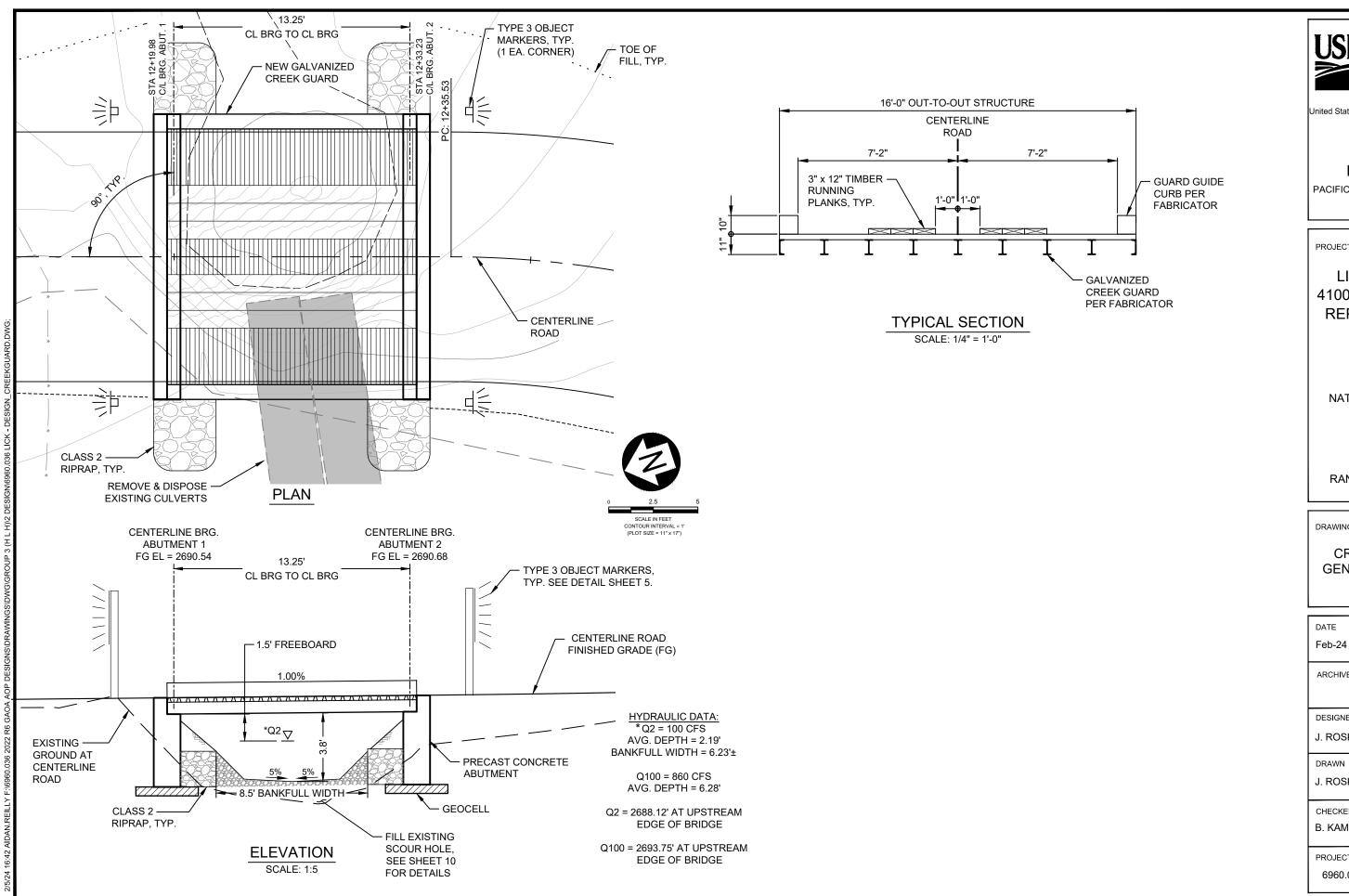
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DRAWING TITLE

TYPICAL SECTION & OBJECT MARKER DETAIL

DATE Feb-24	
ARCHIVE NO.	
DESIGNER	DWG SHEET NO.
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LICK CREEK 4100350-0.06 AOP REPLACEMENT

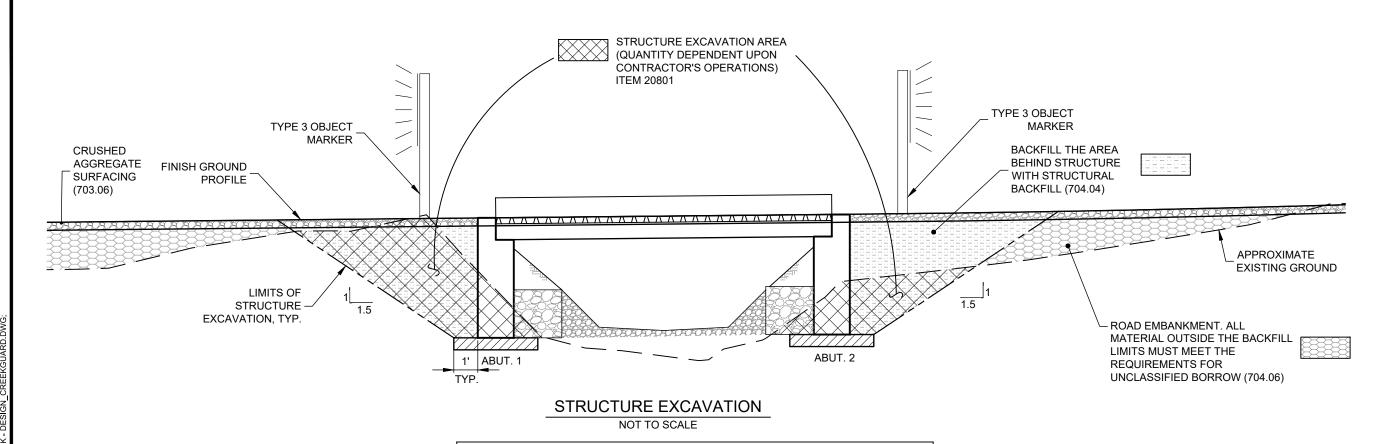
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POMEROY RANGER DISTRICT

DRAWING TITLE

CREEK GUARD **GENERAL LAYOUT**

DATE	
Feb-24	
ARCHIVE NO.	
DESIGNER	DWG SHEET NO.
J. ROSKE	7
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J. ROSKE	
CHECKED	
B. KAMRUD	
PROJECT NO.	SHEET 7 OF 11
6960.036	
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DEWATERING AND SOIL EROSION CONTROL NOTES:

- PROTECT AGAINST SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION IN ACCORDANCE WITH FP-14 SECTION 157, FSSS SECTIONS 157, 208 AND 648, AND PROJECT PERMITS. PREPARE AND SUBMIT A SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE CO FOR APPROVAL A MINIMUM OF THIRTY (30) DAYS PRIOR TO ANY GROUND DISTURBING ACTIVITIES.
- 2. DEWATER THE EXCAVATION IN ACCORDANCE WITH FP-14 SECTIONS 157 AND 208, FSSS SECTIONS 157, 208 AND 648. REFER TO SHEET 11 FOR DEWATERING REQUIREMENTS.
- 3. DEWATERING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SHEET 11 ILLUSTRATES THE GENERAL DEWATERING REQUIREMENTS AND POSSIBLE METHODS AND EQUIPMENT AND IS NOT CONSIDERED ADEQUATE OR COMPLETE FOR THIS PROJECT. DEVELOP AND SUBMIT TO THE CO A PROJECT-SPECIFIC DEWATERING PLAN INCLUDING DRAWINGS AND A WRITTEN OUTLINE ILLUSTRATING AND DESCRIBING PROPOSED LAYOUT, METHODS, AND EQUIPMENT. APPROVAL OF THE CONTRACTOR'S DEWATERING PLAN DOES NOT RELIEVE THE CONTRACTOR FROM COMPLETING THE WORK AS REQUIRED. IF THE CONTRACTOR'S METHODS ARE NOT PRODUCING ADEQUATE RESULTS, THE CONTRACTOR MUST RE-EVALUATE AND SUBMIT ANOTHER DEWATERING PLAN. RE-SUBMITTAL OF THE DEWATERING PLAN, IF REQUIRED, IS INDIRECT TO THE WORK.
- 4. ALL WORK ASSOCIATED WITH REROUTING SURFACE WATER IS PAID FOR UNDER 15713.

STRUCTURE EXCAVATION NOTES:

ITEM

 COMPLETE STRUCTURE EXCAVATION IN ACCORDANCE WITH FP-14 SECTION 208.

ESTIMATED QUANTITIES

IMPORTED STRUCTURAL BACKFILL (704.04) CUBIC YARD

UNIT

QUANTITY

35

- 2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION SUPPORT AND COMPLIANCE WITH ALL APPLICABLE OSHA REGULATIONS.
- 3. EXCAVATION LIMITS SHOWN ARE FOR DEMONSTRATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ADJUSTMENTS TO THE CUT SLOPES AND EXCAVATION QUANTITIES BASED ON THE ACTUAL SOIL TYPES ENCOUNTERED. NOTIFY THE CO IMMEDIATELY IF BEDROCK OR SOFT, UNSUITABLE SOILS ARE FOUND.
- 4. SUBMIT AN EXCAVATION PLAN FOR APPROVAL THAT INCLUDES, AS A MINIMUM, THE FOLLOWING: DRAWINGS AND A WRITTEN OUTLINE ILLUSTRATING AND DESCRIBING THE PROPOSED EXCAVATION LIMITS, METHODS, EQUIPMENT TO BE USED, LOCATION OF STOCKPILES, AND ESTIMATED QUANTITIES. THE EXCAVATION PLAN MUST COMPLY WITH ALL APPLICABLE OSHA REQUIREMENTS AND LIST THE SOIL TYPE ASSUMED. CHANGES TO THE EXCAVATION LIMITS SHOWN HERE FOR THE CONTRACTOR'S DEWATERING METHODS OR CONTRACTOR CONVENIENCE MUST BE SHOWN ON THE PLAN AND ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE EXCAVATION PLAN IS INCIDENTAL TO THE WORK.
- 5. ESTIMATED EXCAVATION VOLUME IS 29 CY. QUANTITY IS INFORMATIONAL ONLY.

STRUCTURE BACKFILL NOTES:

- 1. STRUCTURAL BACKFILL LIMITS SHOWN HERE ARE THE MINIMUM REQUIREMENTS. PLACE STRUCTURAL BACKFILL IN ACCORDANCE WITH FP-14 SECTION 208, AND AS SHOWN ON THESE PLANS, WITH MATERIAL MEETING THE REQUIREMENTS OF SUBSECTION 704.04. COMPACT MATERIAL IN ACCORDANCE WITH SUBSECTION 208.10. ANY MATERIAL OUTSIDE THE LIMITS SHOWN IS CONSIDERED EMBANKMENT AND THE MATERIAL MUST MEET THE REQUIREMENTS OF FP-14 SUBSECTION 704.06.
- 2. IT IS ASSUMED THAT MATERIAL CONSERVED FROM THE STRUCTURE EXCAVATION AT THIS SITE WILL MEET THE REQUIREMENT FOR EMBANKMENT (704.06). SOME MIXING AND SORTING MAY BE REQUIRED TO MEET THE MATERIAL SPECIFICATION. HAUL AND DISPOSE UNSUITABLE AND EXCESS MATERIAL IS INDIRECT TO OTHER ITEMS IN THE SCHEDULE OF ITEMS.



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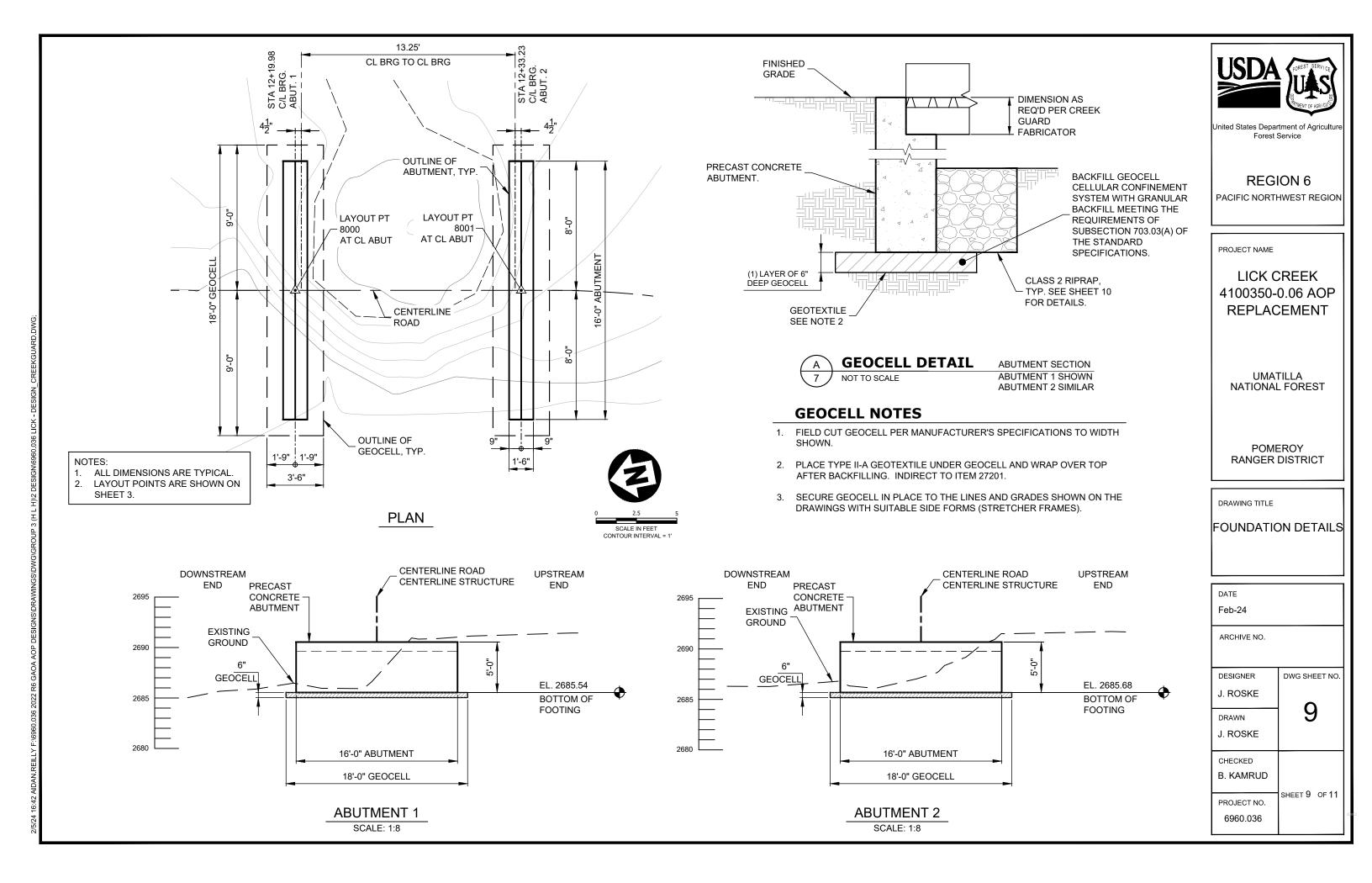
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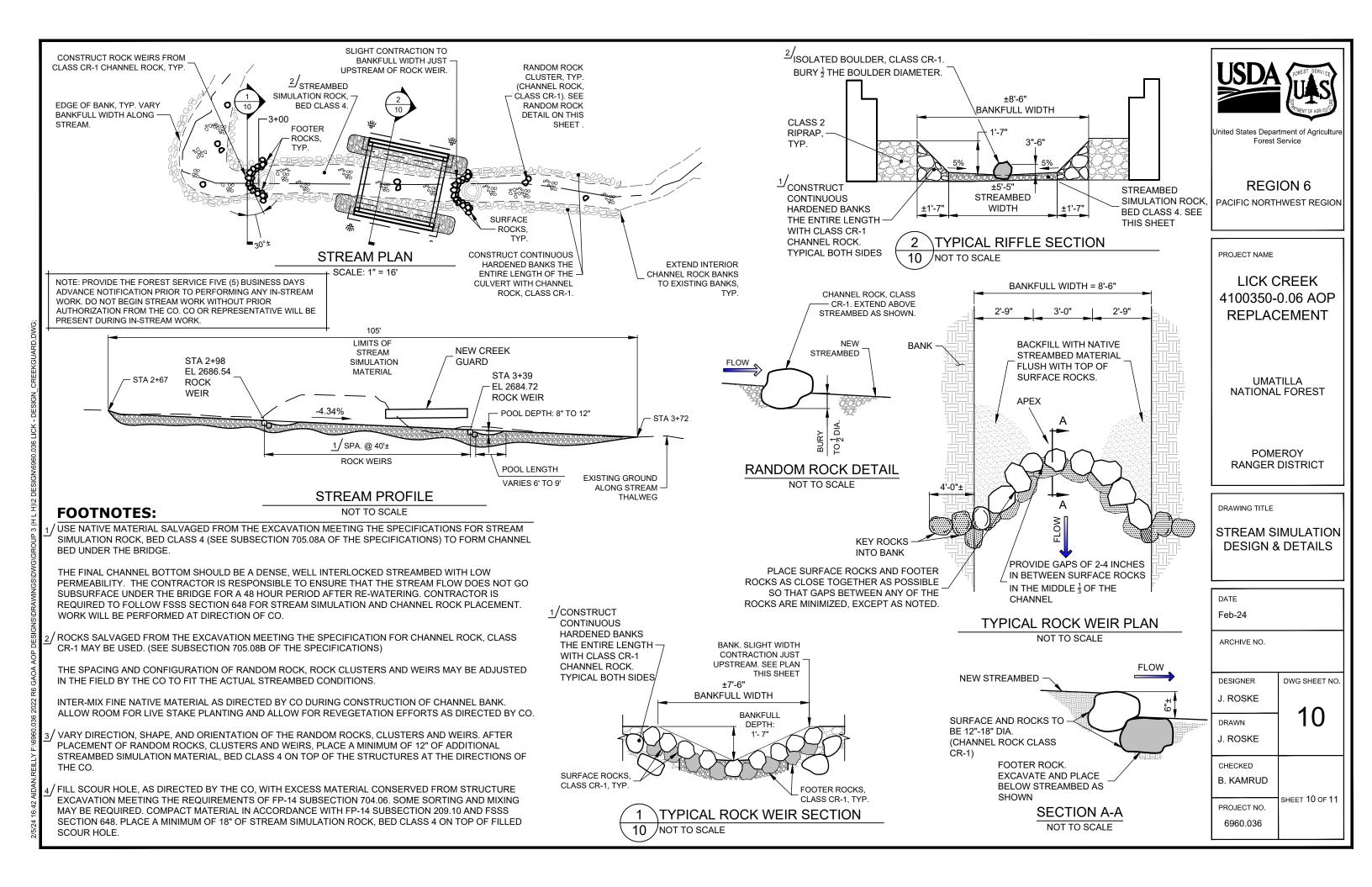
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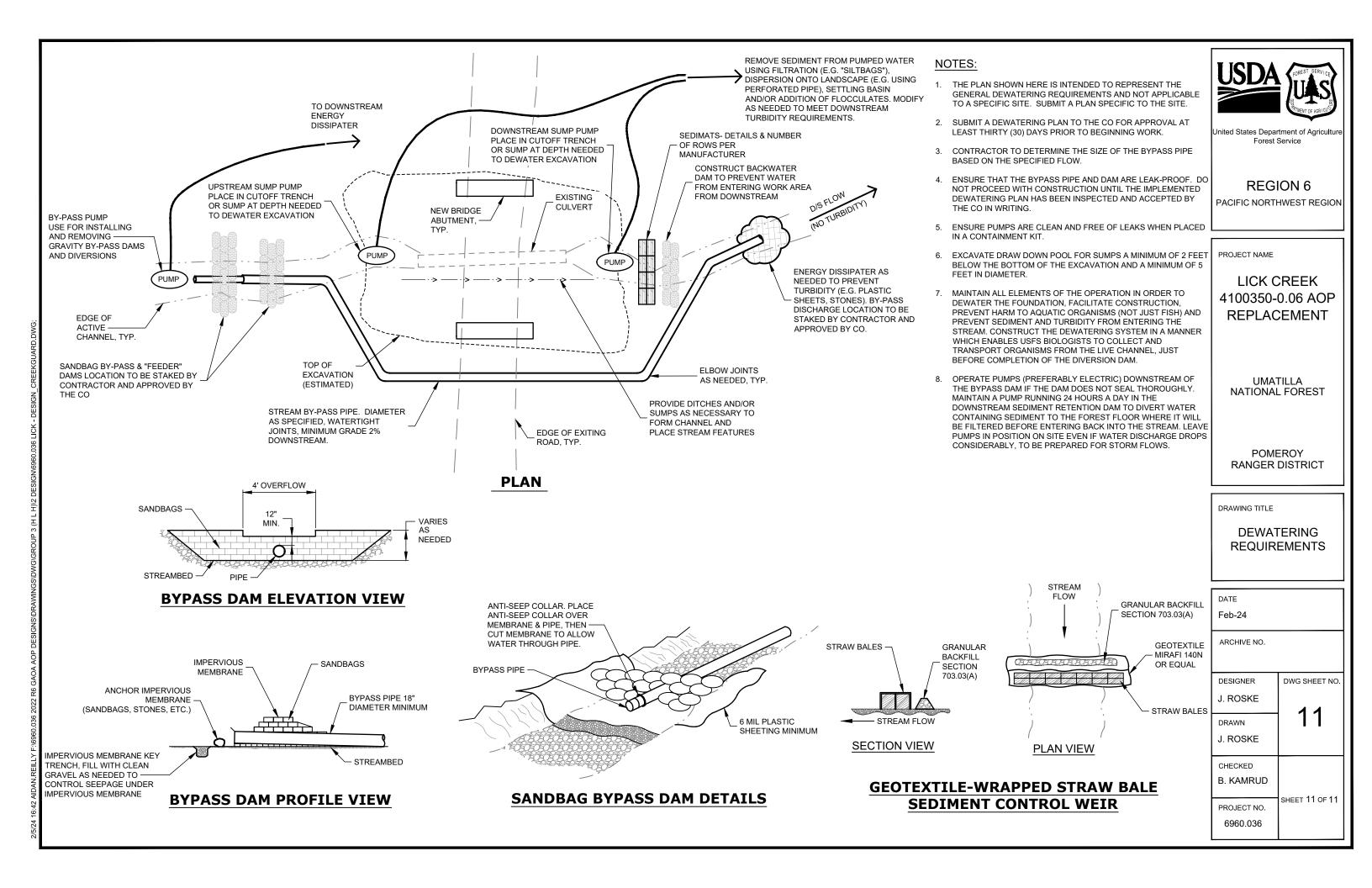
DRAWING TITLE

STRUCTURAL EXCAVATION & BACKFILL

DATE	
Feb-24	
ARCHIVE NO.	
DESIGNER J. ROSKE	DWG SHEET NO.
DRAWN J. ROSKE	8
CHECKED B. KAMRUD	0 44
PROJECT NO. 6960.036	SHEET 8 OF 11



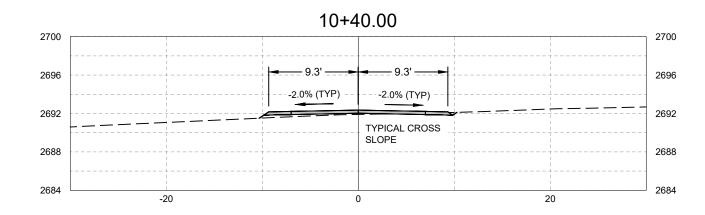


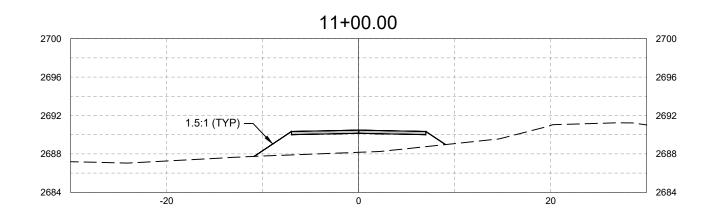


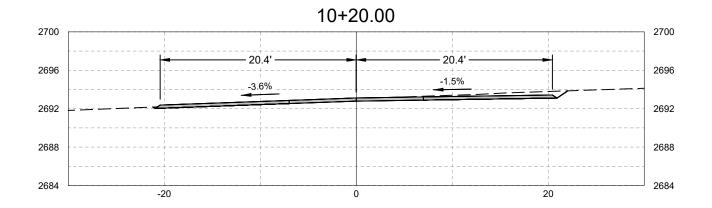


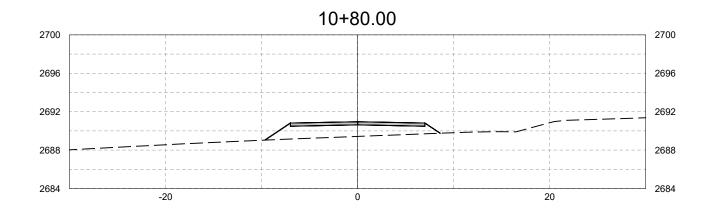


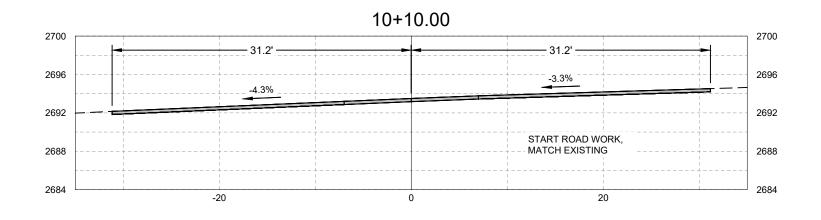
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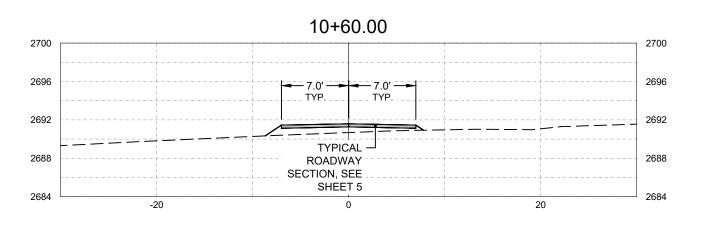








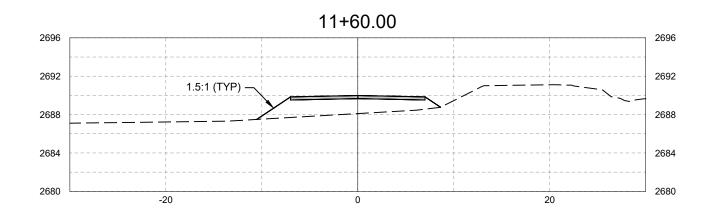


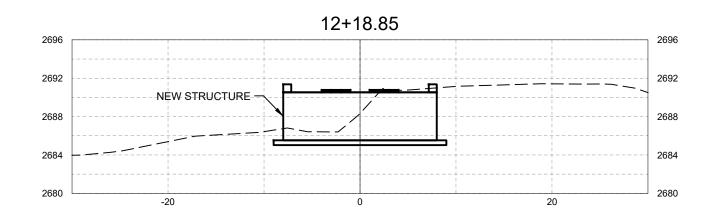


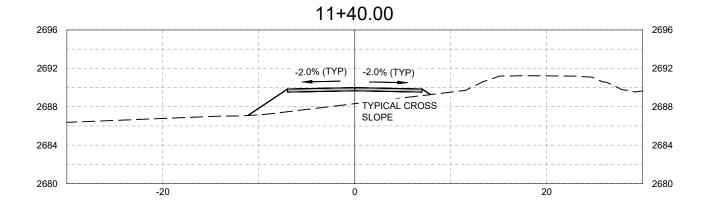


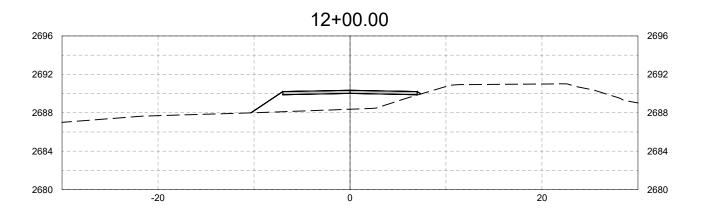


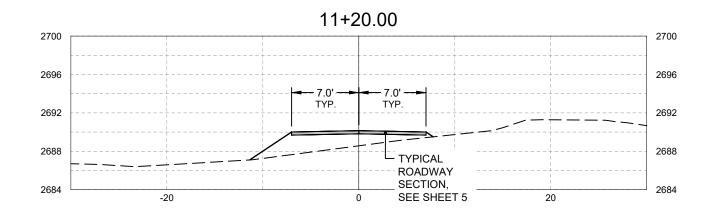
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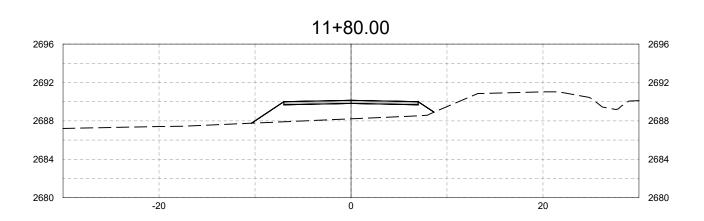








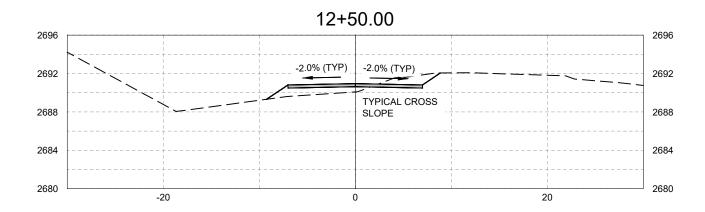


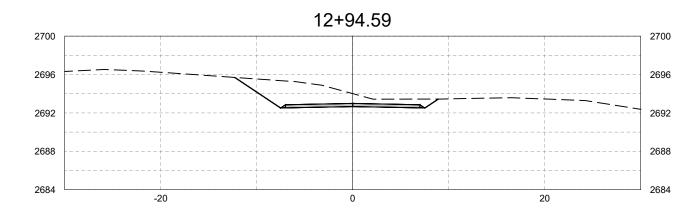


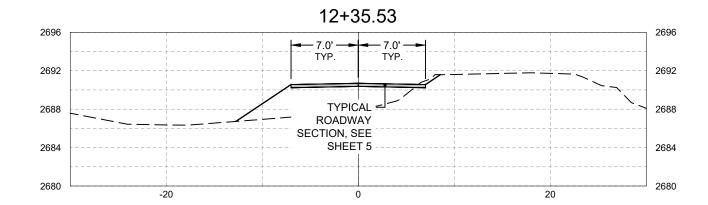


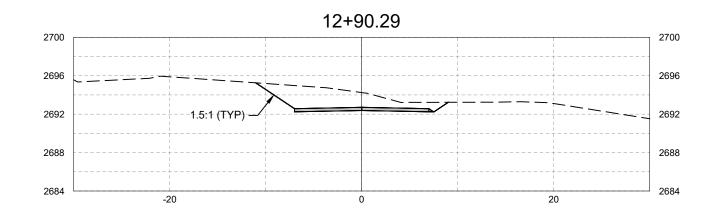
BY: PANNERS PLANNERS SURVEYORS

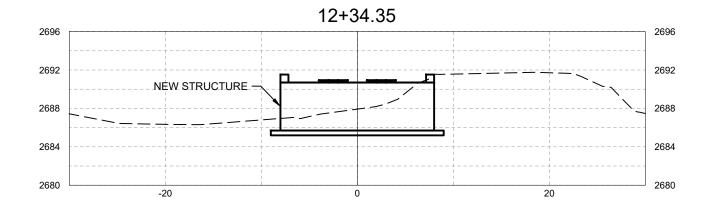
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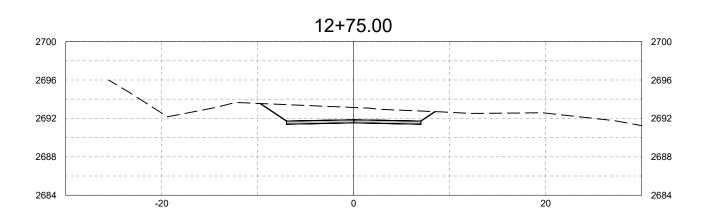














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