SITE SUMMARY

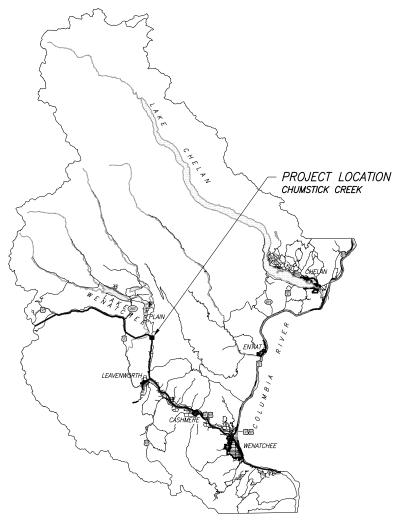
Chelan County Plain, Washington

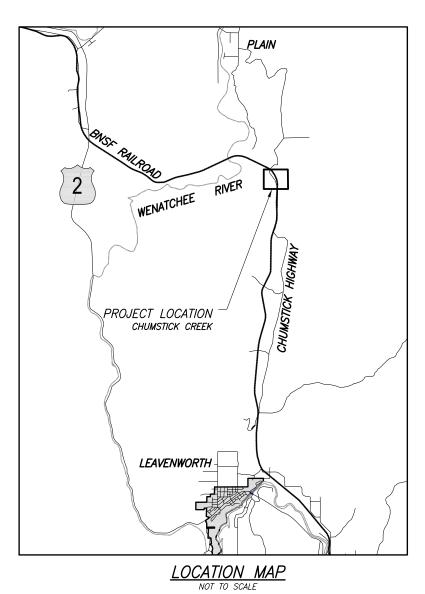
S31 T26N R18E

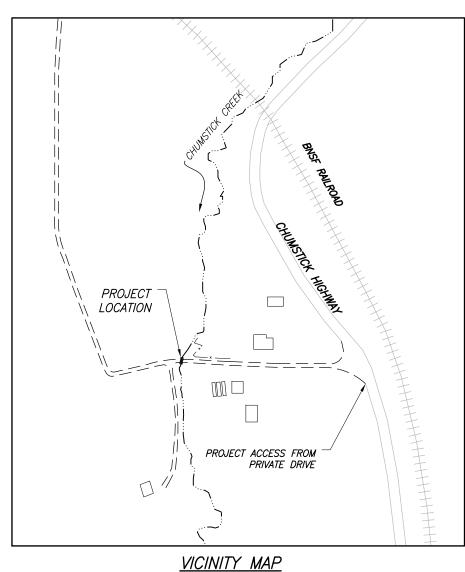
N47°42'39", W120°38'23"

CHUMSTICK CREEK

Ott Culvert Replacement Project Chelan County, Washington







SHEET INDEX

G-1 G-2 G-3 C-1 C-2 C-3 COVER SHEET SUMMARY OF QUANTITIES, GENERAL NOTES & SURVEY CONTROL PROJECT OVERVIEW, SITE PREPARATION & DEWATERING PLAN GRADING PLAN
BRIDGE PLAN AND PROFILE RETAINING WALL DETAILS

DRAFT - NOT FOR CONSTRUCTION

CHELAN COUNTY, WASHINGTON

COVER SHEET

RECLAMATION

SHEET G-1

GENERAL NOTES

- 1. ANY ITEM NOT SPECIFICALLY DISCUSSED IN THE GENERAL CONTRACT FOR THIS PROJECT OR IN NOTES ON SHEETS IN THE PLANS SHALL BE AS DESCRIBED IN THE <u>STANDARD</u> SPECIFICATIONS FOR ROADS, BRIDGES, AND MUNICIPAL CONSTRUCTION, 2012 PUBLISHED BY THE STATE OF WASHINGTON DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR IS RESPONSIBLE TO BE FAMILIAR WITH THE STANDARD SPECIFICATIONS AND TO HAVE ACCESS TO THE STANDARD SPECIFICATIONS.
- 2. THE NOTES ON THIS PLAN SET SUPERSEDE ANY DUPLICATE ITEMS IN THE STANDARD SPECIFICATIONS.
- 3. HORIZONTAL DATUM: US STATE PLANE COORDINATE SYSTEM, WASHINGTON NORTH ZONE, NAD83/91, US SURVEY FEET

VERTICAL DATUM: NAVD88

- 4. TOPOGRAPHIC MAPPING OF THE PROJECT AREA WAS PERFORMED BY DAVID EVANS AND ASSOCIATES, INC IN 2009.
- 5. ELEVATIONS AND DISTANCES SHOWN ARE IN FEET AND DECIMALS WITH CONTOUR INTERVALS AT ONE FOOT INCREMENTS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, AT THE CONTRACTOR'S EXPENSE, ALL CONSTRUCTION PERMITS AS REQUIRED BY THE LOCAL AGENCIES. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR AND EQUIPMENT REQUIRED TO COMPLY WITH ALL APPLICABLE PERMIT CONDITIONS AND REQUIREMENTS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL SAFETY DURING CONSTRUCTION, AND ALL WORK SHALL CONFORM TO PERTINENT SAFETY REGULATIONS AND CODES. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS CHAPTER 618, IN THE CONSTRUCTION PRACTICES FOR ALL EMPLOYEES DIRECTLY ENGAGED IN THE CONSTRUCTION OF THIS PROJECT.
- 8. EXISTING UNDERGROUND UTILITY LOCATIONS HAVE NOT BEEN IDENTIFIED AND ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND PROTECT UTILITIES DURING CONSTRUCTION AS DESCRIBED IN SECTION 1-07.17 OF THE STANDARD SPECIFICATIONS. THE TELEPHONE NUMBER FOR THE ONE CALL CENTER FOR UTILITY LOCATES IS 1-800-424-5555.
- 9. THE CONTRACTOR SHALL PURSUE WORK IN A CONTINUOUS AND DILIGENT MANNER TO ENSURE A TIMELY COMPLETION OF THE PROJECT.
- 10. CONTRACTOR SHALL CONFIRM THE ACCESS POINT, ROUTE(S), AND LOCATION OF STORAGE OF MATERIALS AND EQUIPMENT WITH THE CONTRACTING OFFICER PRIOR TO TRANSPORTING MATERIALS AND EQUIPMENT TO THE PROJECT SITE.
- 11. PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL PROVIDE THE CONTRACTING AGENCY WITH A DETAILED CONSTRUCTION SCHEDULE AND WORK PLAN FOR APPROVAL. THE CONTRACTOR SHALL NOT BEGIN ANY CONSTRUCTION WORK UNTIL THE PROJECT SCHEDULE AND WORK PLAN IS APPROVED BY THE CONTRACTING OFFICER.
- 12. ALL CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE CONTRACTING OFFICER SO THAT THE QUALITY OF WORK CAN BE CHECKED FOR APPROVAL.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A NEAT AND ORDERLY MANNER THROUGHOUT THE CONSTRUCTION PROCESS. ALL MATERIALS SHALL BE STORED WITHIN APPROVED CONSTRUCTION STAGING AREAS.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND SUPPLYING A PRECAST CONCRETE BRIDGE STRUCTURE MEETING THE DIMENSIONS AND REQUIREMENTS IDENTIFIED IN THESE PLANS AND THE SPECIFICATIONS. THE CONTRACTOR SHALL SUBMIT TO THE CONTRACTING AGENCY, DOCUMENTATION DEMONSTRATING THAT THE BRIDGE DECK AND ABUTMENTS ARE DESIGNED TO WITHSTAND HS20-44 LOADING. THE DOCUMENTATION SHALL BE PROVIDED TO THE CONTRACTING AGENCY AT LEAST 30 DAYS PRIOR TO INSTALLATION OF THE BRIDGE AT THE PROJECT SITE AND SHALL INCLUDE DRAWINGS OF THE BRIDGE DECK AND ABUTMENTS STAMPED BY A STRUCTURAL ENGINEER, LICENSED TO PRACTICE IN THE STATE OF WASHINGTON.
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND LAYOUT, UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS. CONTRACTOR SHALL STAKE LOCATIONS OF CORNERS OF CONCRETE BRIDGE DECK AND OBTAIN APPROVAL FROM CONTRACTING OFFICER PRIOR TO EXCAVATION TO PLACE ABUTMENTS.
- 16. THE CONTRACTOR SHALL PLACE TEMPORARY DAMS IN CHUMSTICK CREEK UPSTREAM AND DOWNSTREAM TO KEEP WATER AND FISH FROM ENTERING THE ACTIVE CONSTRUCTION AREA AS SHOWN ON SHEET G-3. THE CONTRACTOR SHALL FURNISH AND OPERATE A PUMP, OR PUMPS, CAPABLE OF BYPASSING THE ENTIRETY OF CHUMSTICK CREEK STREAMFLOW; EXPECTED STREAMFLOW DURING PERIOD OF CONSTRUCTION IS APPROXIMATELY 650 GPM.
- 17. THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF TEMPORARY DAM CONSTRUCTION TO COORDINATE FISH REMOVAL. THE CONTRACTING AGENCY WILL BE RESPONSIBLE FOR ALL FISH REMOVAL AND HANDLING.
- 18. DEWATERING WITHIN THE WORK AREA SHALL BE PERFORMED TO THE EXTENT NECESSARY TO CONSTRUCT THE PROJECT, AS DETERMINED BY THE CONTRACTOR. DISCHARGE FROM DEWATERING WITHIN THE WORK AREA SHALL BE ROUTED TO FLOODPLAIN AREAS SO AS TO ALLOW THE REMOVAL OF FINE SEDIMENTS OR OTHER CONTAMINANTS PRIOR TO BEING ALLOWED TO REENTER CHUMSTICK CREEK. ALL PUMPS USED BY THE CONTRACTOR FOR DEWATERING SHALL HAVE SCREENED INTAKES THAT MEET WOFW SPECIFICATIONS AND JUVENILE FISH SCREENING CRITERIA.

SUMMARY OF QUANTITIES

QUANTITY

LINITS

ITEM NO

QUANTITI	UIVIIS	DESCRIPTION		
ATION				
LUMP SUM	LS	MOBILIZATION		
LUMP SUM	LS	REMOVAL OF STRUCTURE AND OBSTRUCTION		
LUMP SUM	LS	TEMPORARY DAMS AND DEWATERING		
LUMP SUM	LS	SURVEYING		
& STRUCTURES				
65	CY	STRUCTURE EXCAVATION		
LUMP SUM	LS	FURNISH AND INSTALL PRECAST CONCRETE BRIDGE		
4	CY	GRAVEL BACKFILL CLASS A		
13	SY	CONSTRUCTION GEOTEXTILE FOR SEPARATION		
9	CY	STREAMBED GRAVELS		
4	EA	BOULDER RETAINING WALL		
7	CY	CRUSHED SURFACING BASE COURSE		
LUMP SUM	LS	EROSION CONTROL AND WATER POLLUTION CONTROL		
LUMP SUM	LS	FINAL CLEANUP		
2,000	DOLLAR	MINOR CHANGE		
	LUMP SUM LUMP SUM LUMP SUM LUMP SUM LUMP SUM LUMP SUM A STRUCTURES 65 LUMP SUM 4 13 9 4 7	ATION LUMP SUM LS STRUCTURES 65 CY LUMP SUM LS 4 CY 13 SY 9 CY 4 EA 7 CY LUMP SUM LS LUMP SUM LS LUMP SUM LS LUMP SUM LS LUMP SUM LS		

DESCRIPTION

CONTROL TABLE

CONTROL POINT	NORTHING	<u>EASTING</u>	ELEVATION	DESCRIPTION .
CP-1	259463.00	1688082.36	1662.18	DEA CONTROL POINT
CP-2	259325.34	1688064.70	1659.98	STAKE
CP-3	259324.70	1688121.09	1658.35	STAKE
CP-4	259311.25	1688208.94	1663.24	DEA CONTROL POINT
CP-5	259300.30	1688046.54	1660.89	DEA CONTROL POINT
CP-6	259295.46	1688065.47	1659.76	REBAR AND CAP
CP-7	259295.07	1688091.45	1659.30	REBAR AND CAP
CP-8	259265.46	1688069.34	1658.70	REBAR AND CAP
CP-9	<i>259265.27</i>	1688092.24	1 <i>658.63</i>	BENT REBAR, NO CAP
CP-10	259214.67	1688114.96	1657.84	DEA CONTROL POINT
CP-11	259140.11	1688147.28	1657.14	DEA CONTROL POINT

RECLAMATION
Managing Water in the West

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PROJECT

PROJECT

PROJECT

NOTES & CONTROL

GE RIVER SALMON RECOVERY PROGRAM FORES HABITAL MAROVEMENT PROGRAM WENATCHEE SUBBASIN T CULVERT REPLACEMENT PROJEC

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ALWAYS

COLUMBIA SNAKE/F

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ACCEPTED NAME TITLE BOISE. ID

> SUMMARY OF QUANTITIES GENERAL NOTES & SURVEY CONTROL

> > SHEET G-2

CAD STSTEM
AutoCAD CIVIL 3D 2012
CAD FILENAME
OH! Culvert Front Sheets.dwg

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