Appendix B: Project Preliminary Designs

60% DESIGN

NOVEMBER 2023

NOT FOR CONSTRUCTION

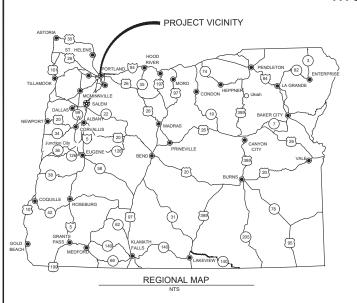
MULTNOMAH CHANNEL
MARSH NATURAL AREA
MULTNOMAH COUNTY, OR

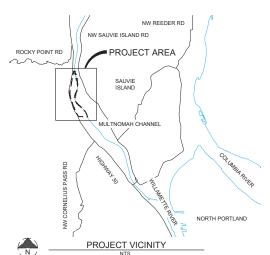
80/ER

G1.0 1 OF

MULTNOMAH CHANNEL MARSH NATURAL AREA

#20200017 MULTNOMAH COUNTY, OR





SHEET INDEX



PROJECT TEAM

PROJECT SPONSOR

LOWER COLUMBIA ESTUARY PARTNERSHIP 400 NE 11TH AVE PORTLAND, OR 97232 503.226.1565

JENNY DEZSO jdezso@estuarypartnership.org

ENGINEERING PRIME CONSULTANT

WOLF WATER RESOURCES, INC. 1001 SE WATER AVE, SUITE #180 PORTLAND, OR 97214

rowyn@wolfwaterresources.com

PROJECT INFO

SPATIAL REFERENCE HORIZONTAL: NAD83 OREGON STATE PLANE NORTH, INTL FEET VERTICAL: FEET NAVD88

PROJECT SITE LOCATION: LATITUDE: 45°40'45.84"N LONGITUDE: 122°52'16.32"W

SHEET	SHEET DESCRIPTION	SHEET NUMBER	SHEET NAME	SHEET DESCRIPTION
G1.0	COVER	14	C3.3	UPLAND GRADING PLAN & SECTION
G1.1	GENERAL NOTES	15	C3.4	SOUTH WETLAND GRADING PLAN & SECTION
G2.0	HIP CONSERVATION NOTES 1	16	C3.5	SOUTH SLOUGH GRADING PLAN & PROFILE
G2.1	HIP CONSERVATION NOTES 2	17	C3.5.1	SOUTH SLOUGH SECTIONS
G2.2	HIP CONSERVATION NOTES 3	18	C4.0	NORTH LEVEE BREACH PLAN & ELEVATIONS
C1.0	EXISTING CONDITIONS PLAN - NORTH	19	C4.1	SOUTH LEVEE BREACH PLAN & ELEVATIONS
C1.1	EXISTING CONDITIONS PLAN - SOUTH	20	C5.0	HABITAT DETAILS 1
C2.0	ENHANCEMENT CONSTRUCTION OVERVIEW PLAN - NORTH	21	C5.1	HABITAT DETAILS 2
C2.1	ENHANCEMENT CONSTRUCTION OVERVIEW PLAN - SOUTH	22	C5.2	HABITAT DETAILS 3
C3.0	NORTH SLOUGH GRADING PLAN & PROFILE	23	C6.0	TESC DETAILS 1
C3.0.1	NORTH SLOUGH SECTIONS	24	C6.1	TESC DETAILS 2
C3.1	SWALE GRADING PLAN & SECTION	25	L1.0	PLANTING DETAILS
	G1.0 G1.1 G2.0 G2.1 G2.2 C1.0 C1.1 C2.0 C2.1 C3.0 C3.0.1	NAME DESCRIPTION	NAME DESCRIPTION NUMBER G1.0 COVER 14 G1.1 GENERAL NOTES 15 G2.0 HIP CONSERVATION NOTES 1 16 G2.1 HIP CONSERVATION NOTES 2 17 G2.2 HIP CONSERVATION NOTES 3 18 C1.0 EXISTING CONDITIONS PLAN - NORTH 19 C1.1 EXISTING CONDITIONS PLAN - SOUTH 20 C2.0 ENHANCEMENT CONSTRUCTION OVERVIEW PLAN - NORTH 21 C2.1 ENHANCEMENT CONSTRUCTION OVERVIEW PLAN - SOUTH 22 C3.0 NORTH SLOUGH GRADING PLAN & PROFILE 23 C3.0.1 NORTH SLOUGH SECTIONS 24	NAME DESCRIPTION NUMBER NAME G1.0 COVER 14 C3.3 G1.1 GENERAL NOTES 15 C3.4 G2.0 HIP CONSERVATION NOTES 1 16 C3.5 G2.1 HIP CONSERVATION NOTES 2 17 C3.5.1 G2.2 HIP CONSERVATION NOTES 3 18 C4.0 C1.0 EXISTING CONDITIONS PLAN - NORTH 19 C4.1 C1.1 EXISTING CONDITIONS PLAN - SOUTH 20 C5.0 C2.0 ENHANCEMENT CONSTRUCTION OVERVIEW PLAN - NORTH 21 C5.1 C2.1 ENHANCEMENT CONSTRUCTION OVERVIEW PLAN - SOUTH 22 C5.2 C3.0 NORTH SLOUGH GRADING PLAN & PROFILE 23 C6.0 C3.0.1 NORTH SLOUGH SECTIONS 24 C6.1

CENTRAL MPL GRADING PLAN & SECTION

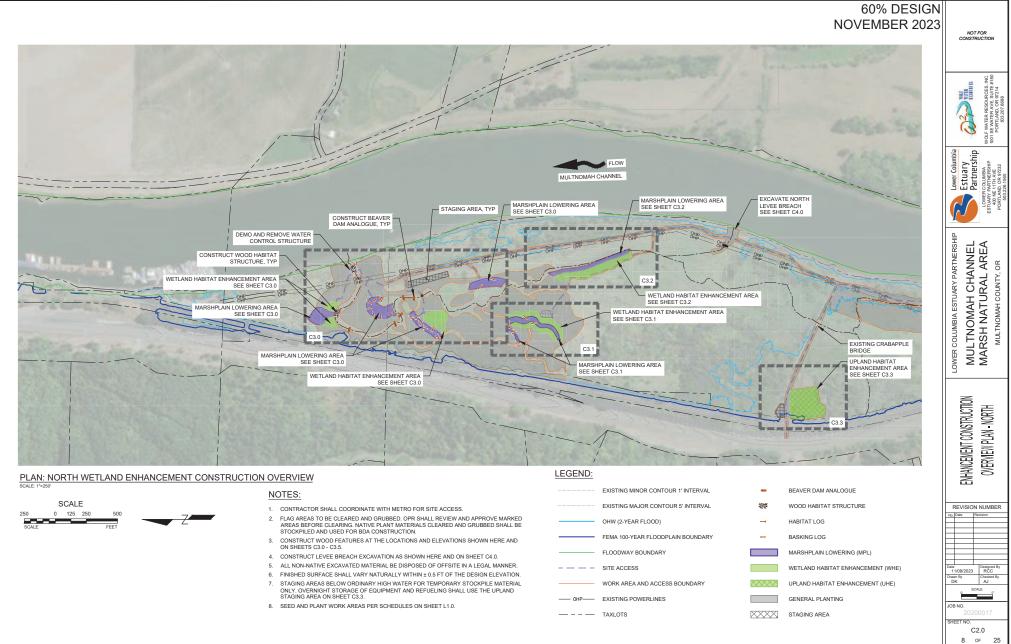
SHEET INDEX

ROWYN COOPER-CAROSELLI. PE

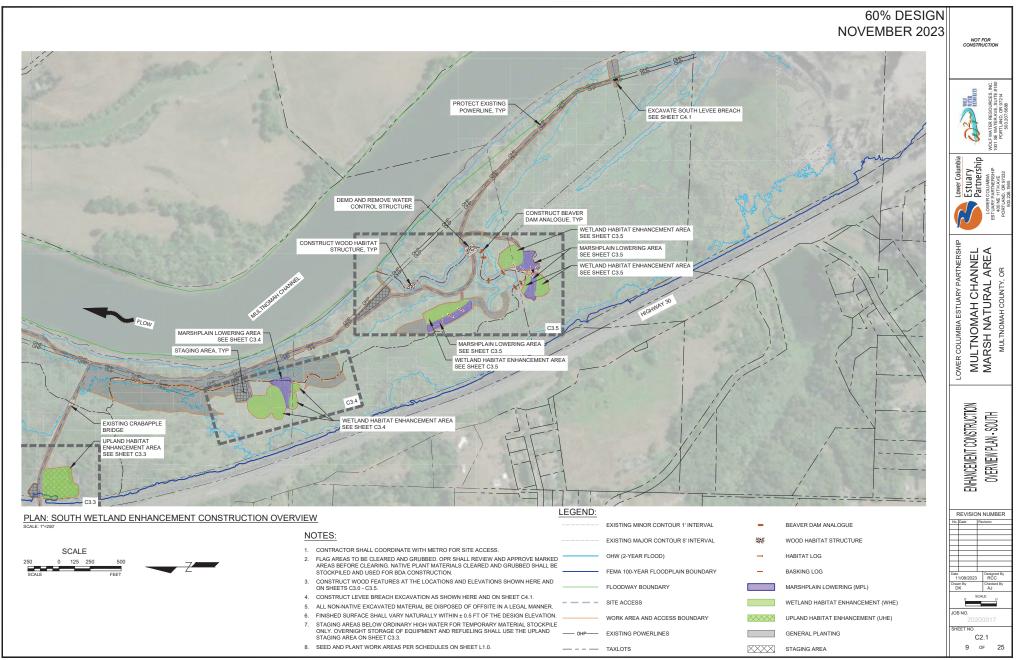
WATERBODY: MULTNOMAH CHANNEL/ WILLAMETTE RIVER

ODFW IN-WATER WORK WINDOW JULY 1 - OCTOBER 31

REVISION NUMBER



8 OF



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Crabapple Creek Culvert concept level designs from the Crabapple Crossing Feasibility Study (2024). Alternative 1 is the proposed project design; disregard Alternative 2 features.

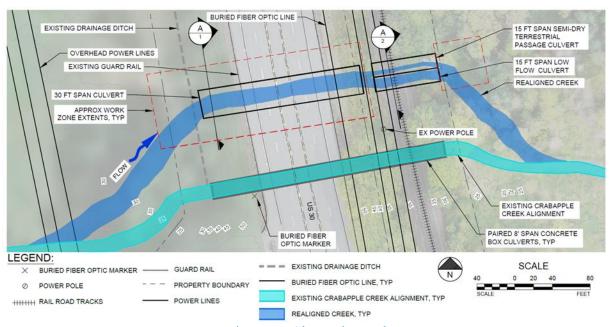


Figure 6 - Alternative 1 plan

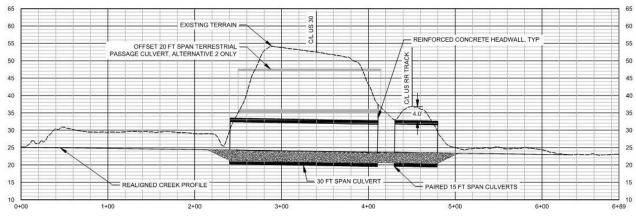


Figure 7 - Alternative 1 and 2 profile

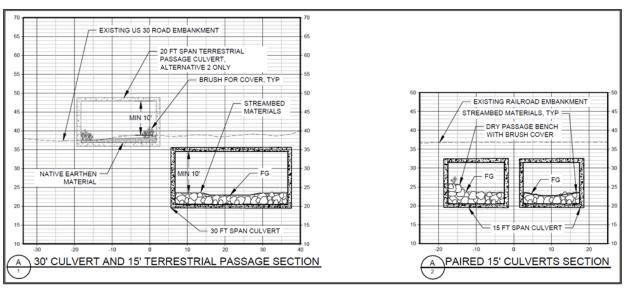


Figure 8 - Alternative 1 and 2 sections