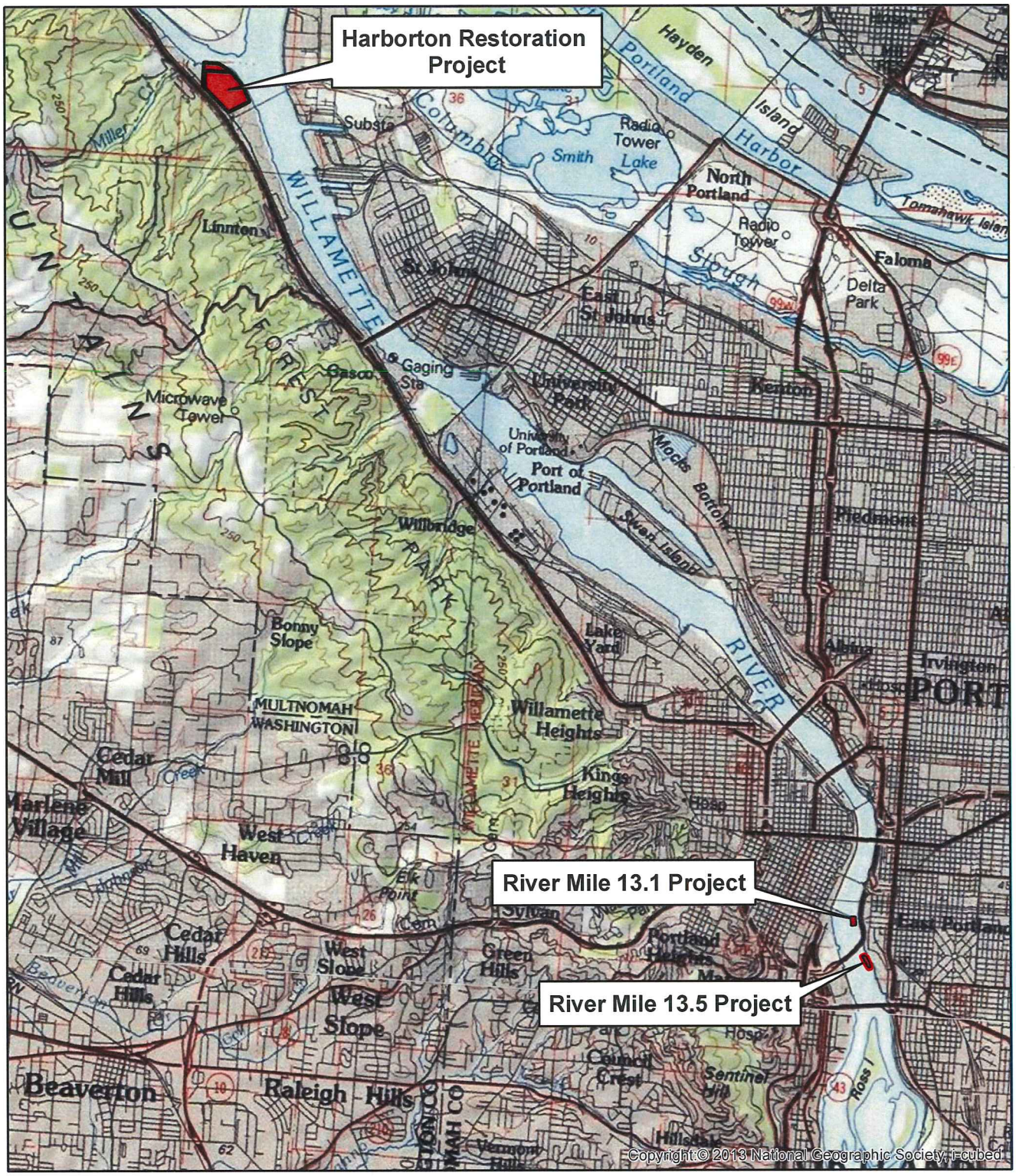


Source: © 2013 National Geographic Society, i-cubed

0.5 0 0.5 1

Miles

AECOM

SITE VINICITY MAP

PORTLAND GENERAL ELECTRIC
RM 13.5 REMEDIAL ACTION
PORTLAND, OREGON

July 2015

FIGURE 1

K:\25697063_PGE_Env_Services_Phase_2\GIS Figures\MXD\RM 13.5 Permitting\CoP Land Use\Variance Request\Fig1 Vicinity Map_AECOM.mxd

Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

75 0 75 150
Feet

AECOM

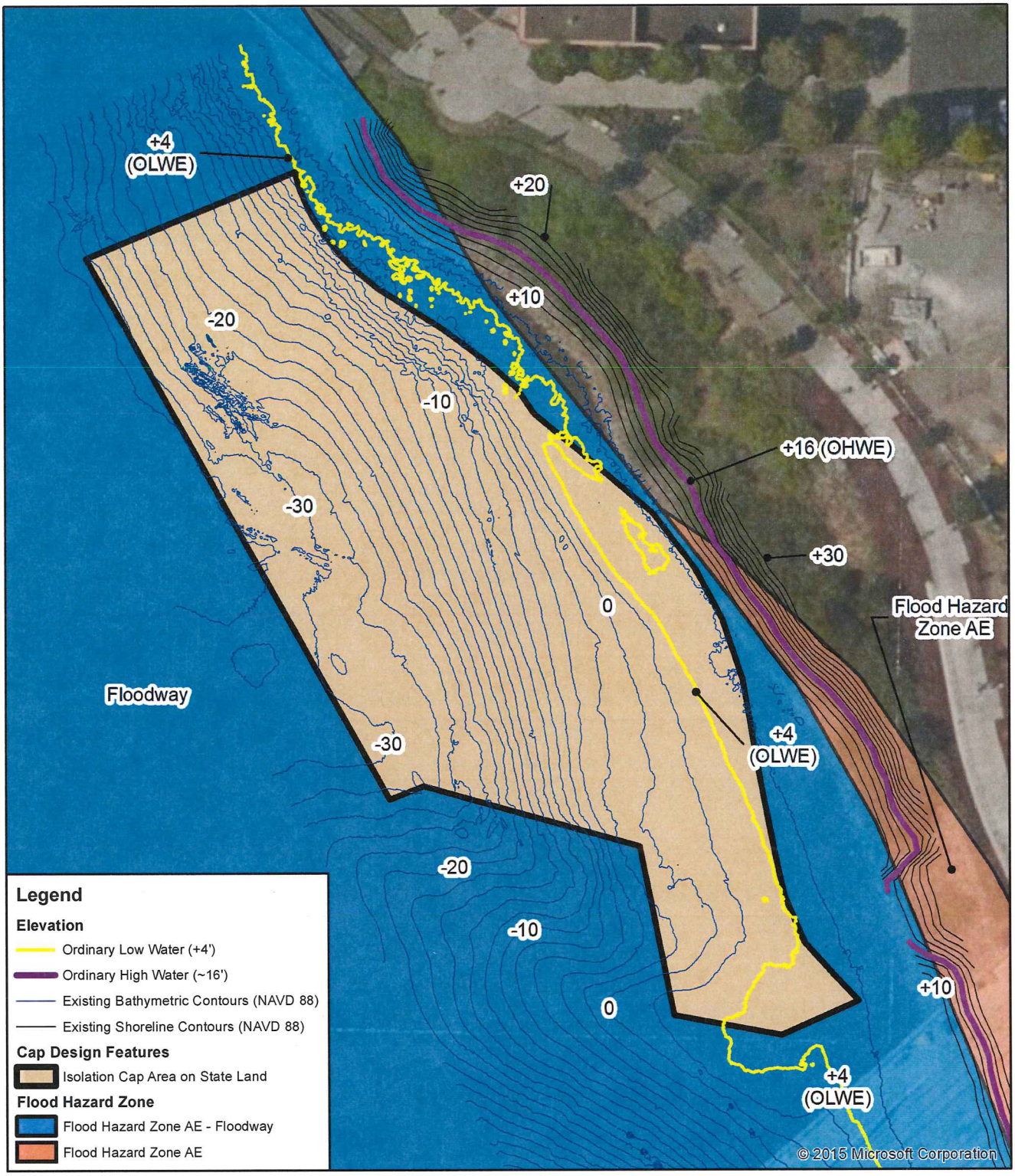
PROJECT LOCATION AND PLANNING BOUNDARIES

PORTLAND GENERAL ELECTRIC
RM 13.5 REMEDIAL ACTION
PORTLAND, OREGON

APRIL 2015
25698205

FIGURE 2

K:\25697063 PGE Env Services Phase 2\GIS Figures\MXD\RM 13.5 Permitting\CoP Land Use\Fig2 Site Features AECOM.mxd



Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

25 0 25 50
Feet

AECOM

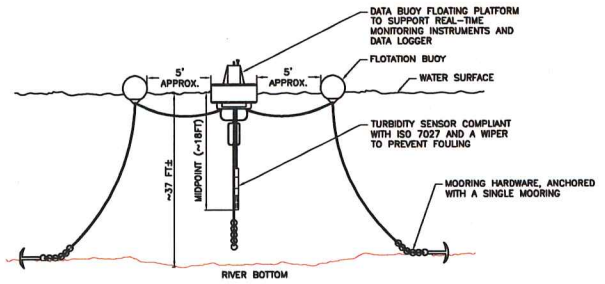
ISOLATION CAP DESIGN, FLOODWAY, & FLOOD HAZARD AREAS

AUGUST 2015
25698205

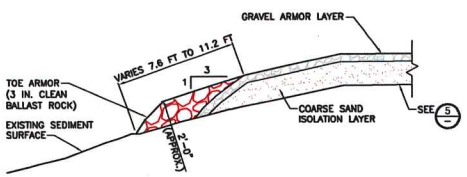
PORTLAND GENERAL ELECTRIC
RM 13.5 REMEDIAL ACTION
PORTLAND, OREGON

FIGURE 3

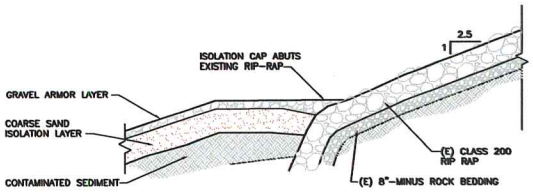
K:\25697063_PGE_Env_Services_Phase_2\GIS Figures\MXD\RM 13.5 Permitting\CoP Land Use\Fig3 Cap Design_Boundaries.mxd



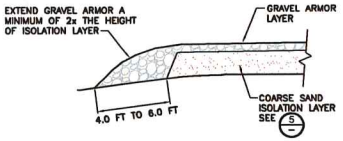
WATER QUALITY MONITORING STATION CV-1
N.T.S.



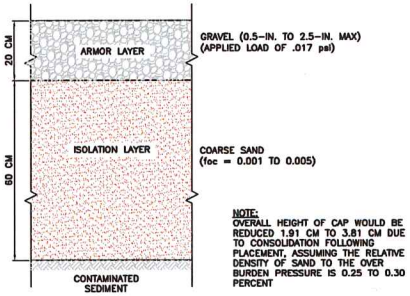
ARMOR PROTECTION AT TOE OF SLOPE CV-2
N.T.S.



ARMOR PROTECTION AT EXISTING RIP-RAP CV-3
N.T.S.



ARMOR PROTECTION AT UPSTREAM AND DOWNSTREAM EXTENT OF ISOLATION CAP CV-4
N.T.S.



ISOLATION CAP CV-5
N.T.S.

GENERAL NOTES:

1. CAP WILL BE PLACED AT A FINAL SLOPE OF 3:1 OR LESS WITHIN THE DESIGNATED CAP BOUNDARIES. CAP PLACEMENT TO BE FIELD VERIFIED USING BATHYMETRY SURVEY AND DIVER VISUAL SURVEY.
2. PSI = POUNDS PER SQUARE INCH
3. foc = FRACTION OF ORGANIC CARBON

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RM 13.5 SEDIMENT CAP DESIGN - (60% DESIGN) - DETAILS

JOINT PERMIT APPLICATION
RM 13.5 STUDY AREA
PORTLAND, OREGON

DECEMBER 2014
25697878

FIGURE 8

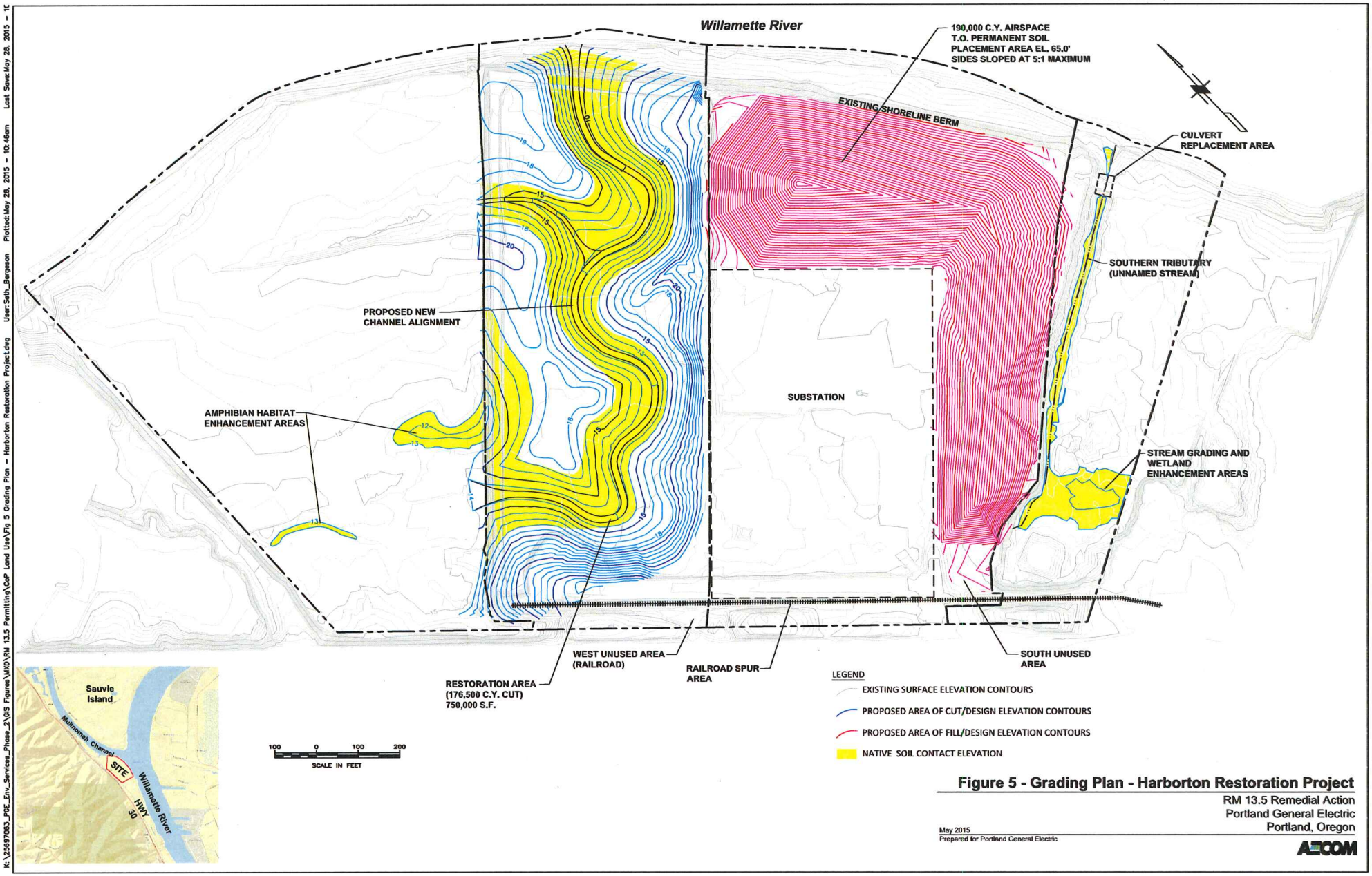

Figure 5 - Grading Plan - Harborton Restoration Project

RM 13.5 Remedial Action
Portland General Electric
Portland, Oregon

May 2015
Prepared for Portland General Electric

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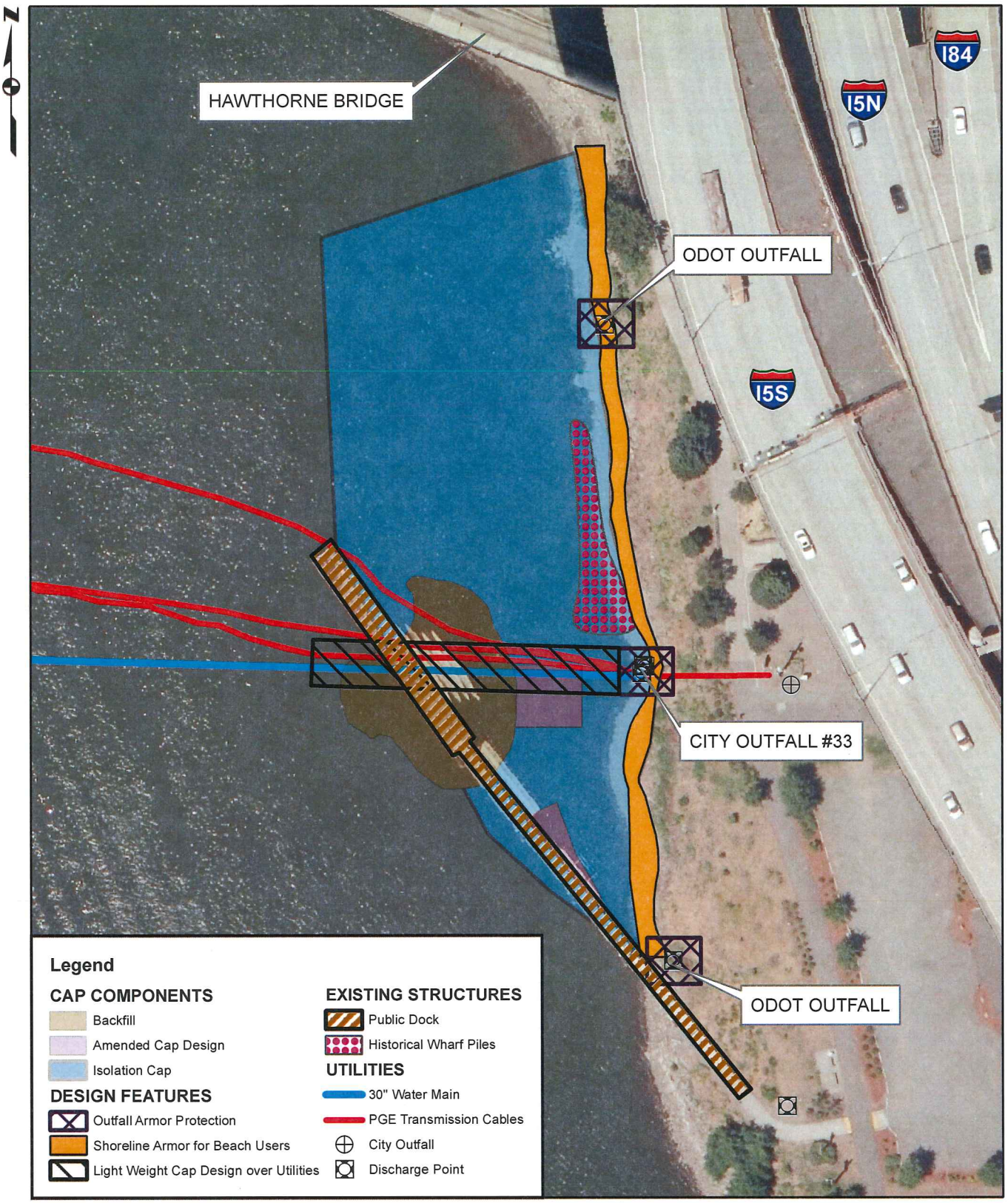

RIVER MILE 13.1 ISOLATION CAP CONCEPTUAL DESIGN & PROJECT AREA FEATURES

PORTLAND GENERAL ELECTRIC
RM 13.1 REMEDIAL ACTION
PORTLAND, OREGON

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JULY 2015

FIGURE 6