US Army Corps of Engineers
Seattle District

WASHINGTON STATE DEPARTMENT OF ECOLOGY

Joint Public Notice

Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

US Army Corps of Engineers
Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone: (206) 316-3156
ATTN: Kaitlyn White,
Project Manager

WA Department of Ecology
SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone: (360) 407-6068
ATTN: SEA Program,
Federal Permit Coordinator

Public Notice Date: December 7, 2015
Expiration Date: January 6, 2016

Reference No.: NWS-2015-343
Name: Covington, City of

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the U.S. as described below and shown on the enclosed drawings dated October 2015.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA). Ecology will review the work pursuant to Section 401 of the CWA, with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

APPLICANT: City of Covington
Attention: Don Vondran
1670 Southeast 271st Street, Suite 100
Covington, Washington 98042
Telephone: (253) 480-2462

AGENT: Environmental Science Associates
Attention: Sharese Graham
5309 Shilshore Avenue, Suite 200
Seattle, Washington 98107
Telephone: (206) 789-9658

LOCATION: Southeast 272nd Street (SR-516) between mile points 12.24 and 12.82, Covington, Washington 98042.

WORK: The applicant proposes to place fill in 0.42 of an acre of wetlands and temporarily impact 1.05 acres of wetlands to widen Southeast 272nd Street (SR-516), as well as excavate and replace 2,200 cubic yards of sediment waterward of the ordinary high water mark to realign Jenkins Creek at Covington, Washington. The project will also result in 1.05 acres of temporary wetland impacts, 1.1 acres of permanent wetland buffer impacts, and 0.3 of an acre of temporary wetland buffer impacts. Jenkins Creek is currently conveyed beneath SR-516 through a 12- by 4-foot concrete box culvert. The culvert will be removed and replaced with a spanning bridge and Jenkins Creek will be realigned upstream and downstream of the existing culvert's inlet and outlet.

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In order to construct the new bridge, Jenkins Creek will be temporarily dewatered and diverted. The dewatering will begin from a point 150 feet north (upstream) of the existing culvert inlet and end 400 feet south (downstream) of the existing culvert outlet. Once fish removal is complete, a cofferdam will be constructed to exclude flow from the work area. Up to 2,200 cubic yards of material will then be excavated to create the new open stream channel designed to Washington State Fish and Wildlife guidelines for high and low fish passage. A trapezoidal low-flow channel will be constructed on the west bank of the stream; 2.6 feet deep, 12 feet wide, and with side slopes of 2H:1V. The distance between the bank tops of the low flow channel underneath the bridge is approximately 22 feet. In addition, a bench approximately 13 feet in width will be constructed immediately to the east of the low flow channel. The total width of all excavation for channel construction underneath the new bridge is approximately 60 feet. Stabilization materials will be placed within the channel and along the earthen embankments that surround the roadway abutments. All re-grading and installation of habitat features will occur from the existing roadway or either stream bank. No heavy equipment will cross the stream and to the extent possible, heavy equipment will not enter any portion of the existing low-flow channel.

The bridge will be constructed at an elevation of 366 feet. This is approximately 13 feet higher than ordinary high water and 9.5 feet higher than the 100-year flood elevation. Clearing, grading, excavation, and fill will be required within the SR-516 right-of-way order to construct the roadway improvements. SR-516 will be widened from two lanes to five lanes. Filling 0.42 of an acre of wetlands is required to raise the road profile to meet the required bridge height.

PURPOSE: Improve transportation safety and relieve traffic congestion along SR-516.

ADDITIONAL INFORMATION: The Federal Highways Administration (FHWA) is the federal lead agency.

The wetland boundaries and location of the ordinary high water mark shown on the project drawings have not yet been verified by the Corps. If the Corps determines the boundaries of the waters are substantially inaccurate a new public notice may be published.

MITIGATION: The temporarily impacted wetlands and buffers within the SR-516 right-of-way will be restored and re-vegetated with native vegetation after construction. The disturbed riparian areas will also be replanted to create two vegetation zones after the Jenkins Creek channel is realigned and the bridge is constructed. The first zone is a riparian bench closest to the stream, which will be re-vegetated with deciduous trees and shrubs. The second is a riparian forest area, which will be replanted with deciduous and coniferous trees and shrubs. Downstream of the project area, 0.25 of an acre of riverine wetland will be enhanced.

Additional mitigation is proposed offsite at Cedar Creek Park for the permanent wetland and stream impacts. Cedar Creek Park is upstream of the impact site and within the same watershed. The following mitigation activities are proposed at Cedar Creek Park: 0.04 of an acre of stream enhancement in Jenkins Creek, 0.3 of an acre of wetland re-establishment, 0.16 of an acre of wetland enhancement, 0.05 of an acre of wetland creation, and 0.68 of an acre of buffer enhancement.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service pursuant to Section 7 of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. The FHWA, as the lead agency for ESA consultation, will consult with the NMFS and/or the USFWS as required under Section 7 of the ESA. FHWA has determined that the project is not likely to adversely affect proposed and/or listed species and their designated critical habitat. A letter of concurrence was issued by the NMFS on June 25, 2015.

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ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area. The FHWA, as the lead agency for a determination regarding EFH, has consulted with the National Marine Fisheries Services if necessary. They have determined that the project will adversely affect EFH species.

CULTURAL RESOURCES: The FHWA, as the lead agency for determining compliance with Section 106 of the National Historic Preservation Act, will consult with the State Historic Preservation Officer and Native American Tribes as appropriate.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION – CORPS: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

SOURCE OF FILL MATERIAL: The source of the fill material for the new stream channel will be the sediment excavated from the original stream channel. Eighty percent of the material excavated for the roadway will be re-used as fill for the new road profile (i.e., to raise the road to the required height of the bridge). Approximately 2,000 yards of clean fill material will be imported for road fill and for backfilling of the utility trenches. All fill material will be obtained from an approved commercial quarry within a short distance from the project.

EVALUATION – ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

NWS-2015-343, City of Covington

ADDITIONAL EVALUATION: As a Federal agency, the FHWA will contact the Washington Department of Ecology directly to ensure the work is consistent with the Coastal Zone Management Program.

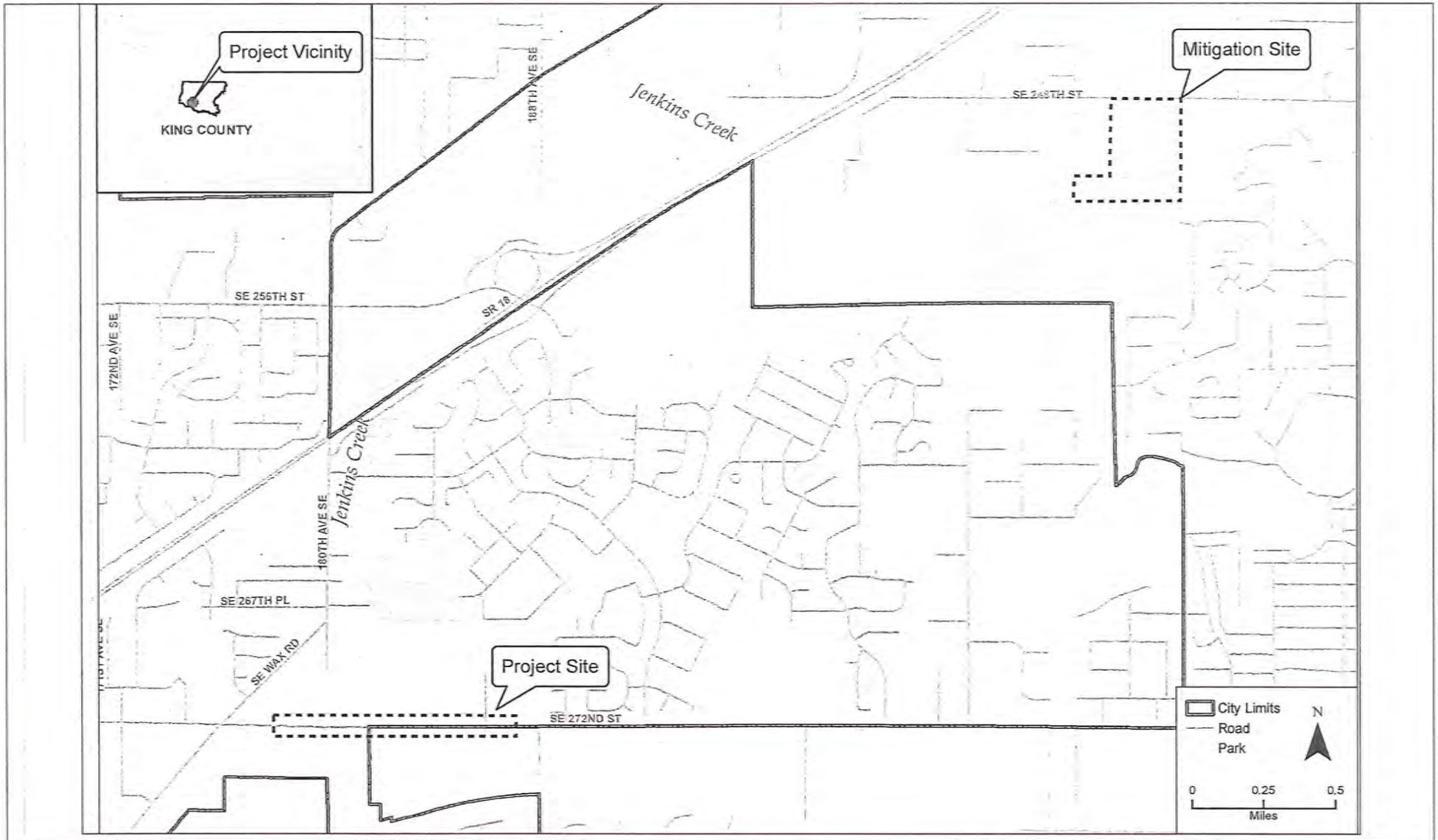
COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether authorizing the work would not be contrary to the public interest. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commenter's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

CORPS COMMENTS: All e-mail comments should be sent to kaitlyn.r.white@usace.army.mil. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Kaitlyn White, P.O. Box 3755, Seattle, Washington 98124-3755. All comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses.

ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Washington State Department of Ecology, Attention: Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington 98504-7600, or e-mail to ecyrefedpermits@ecy.wa.gov.

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: City of Covington, NWS-2015-343.

Encl: Figures (10)



REFERENCE #: NWS-2015-0343

APPLICANT: City of Covington

ADJACENT PROPERTY OWNERS:
1. See Attachment C

VICINITY MAP

LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82

LAT/LONG: 47.358039-122.102641

DATUM: NAD83

SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek

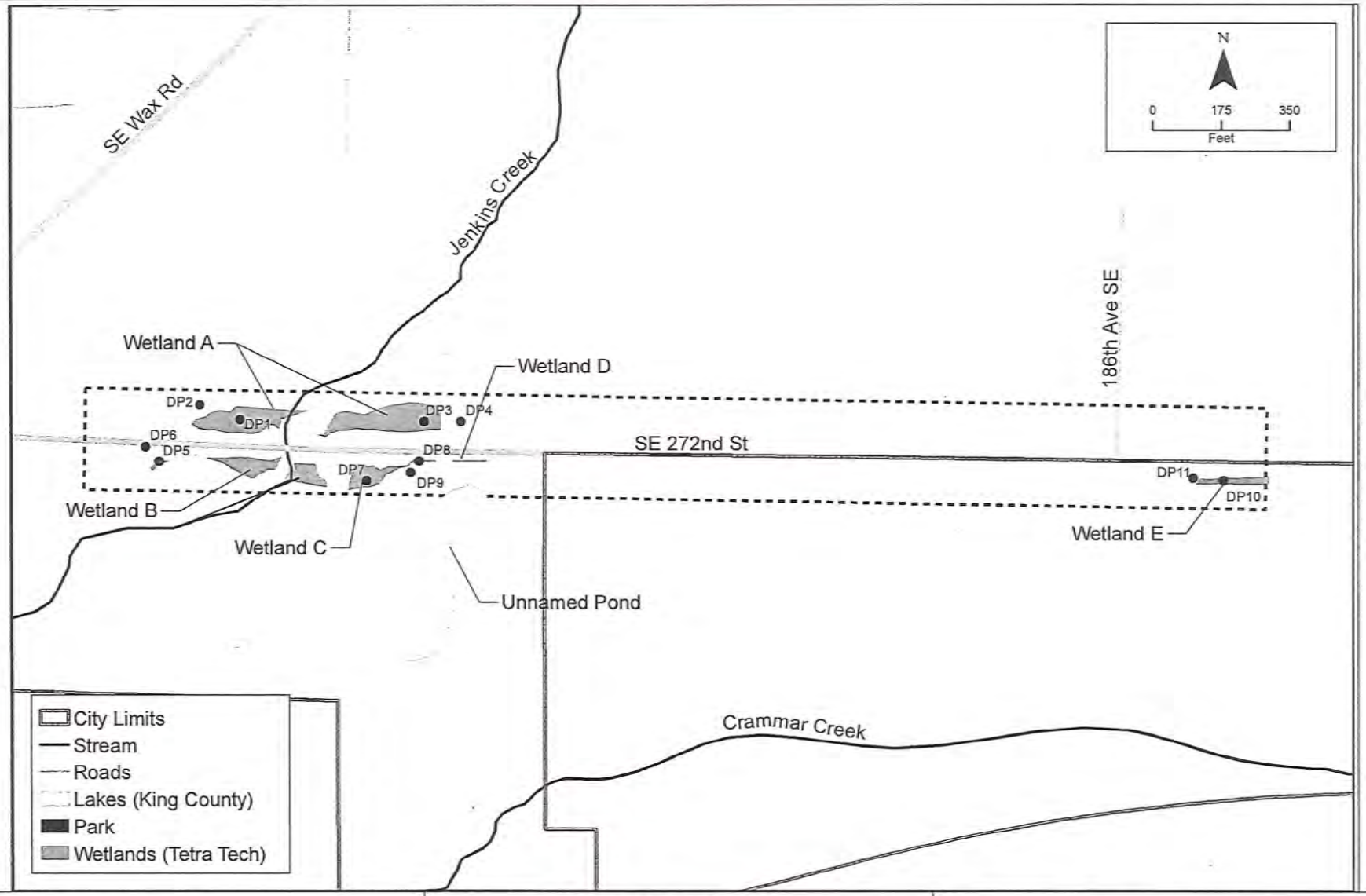
IN: Jenkins Creek

NEAR/AT: Covington

COUNTY: King **STATE:** WA

SHEET: 1 of 10

DATE: October 2015



REFERENCE #: NWS-2015-0343

APPLICANT: City of Covington

ADJACENT PROPERTY OWNERS:
1. See Attachment C

EXISTING CONDITIONS

LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82

LAT/LONG: 47.358039-122.102641

DATUM: NAD83

SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek

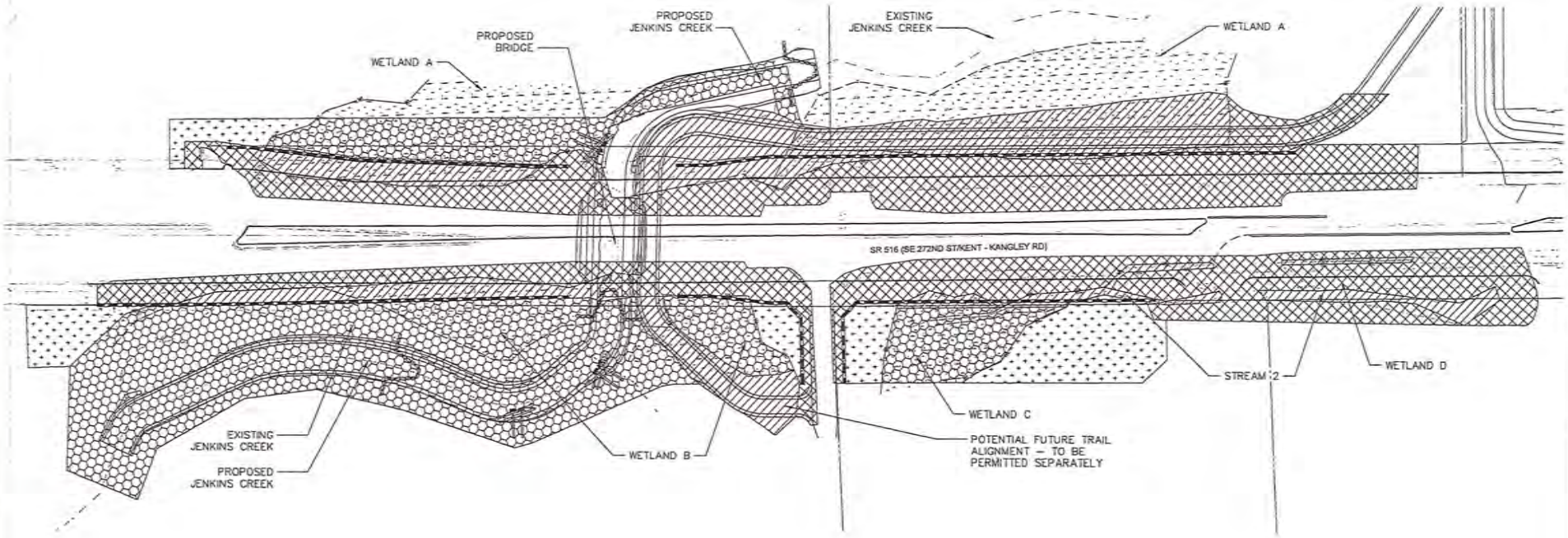
IN: Jenkins Creek

NEAR/AT: Covington

COUNTY: King **STATE:** WA

SHEET: 2 of 10

DATE: October 2015



Jenkins Creek Area

LEGEND		Permanent Impacts	Temporary Impacts
Existing Stream ℄	Proposed Stream	Wetland/Stream	Wetland/Stream
Existing Wetland	Proposed Retaining Wall	Buffer	Buffer

N

0 50 100

SCALE (FEET)

REFERENCE #: NWS-2015-0343

APPLICANT: City of Covington

ADJACENT PROPERTY OWNERS:

1. See Attachment C

IMPACTS TO JENKINS CREEK, STREAM 2, WETLAND A, B, C, AND D

LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82

LAT/LONG: 47.358039-122.102641

DATUM: NAD83

SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek

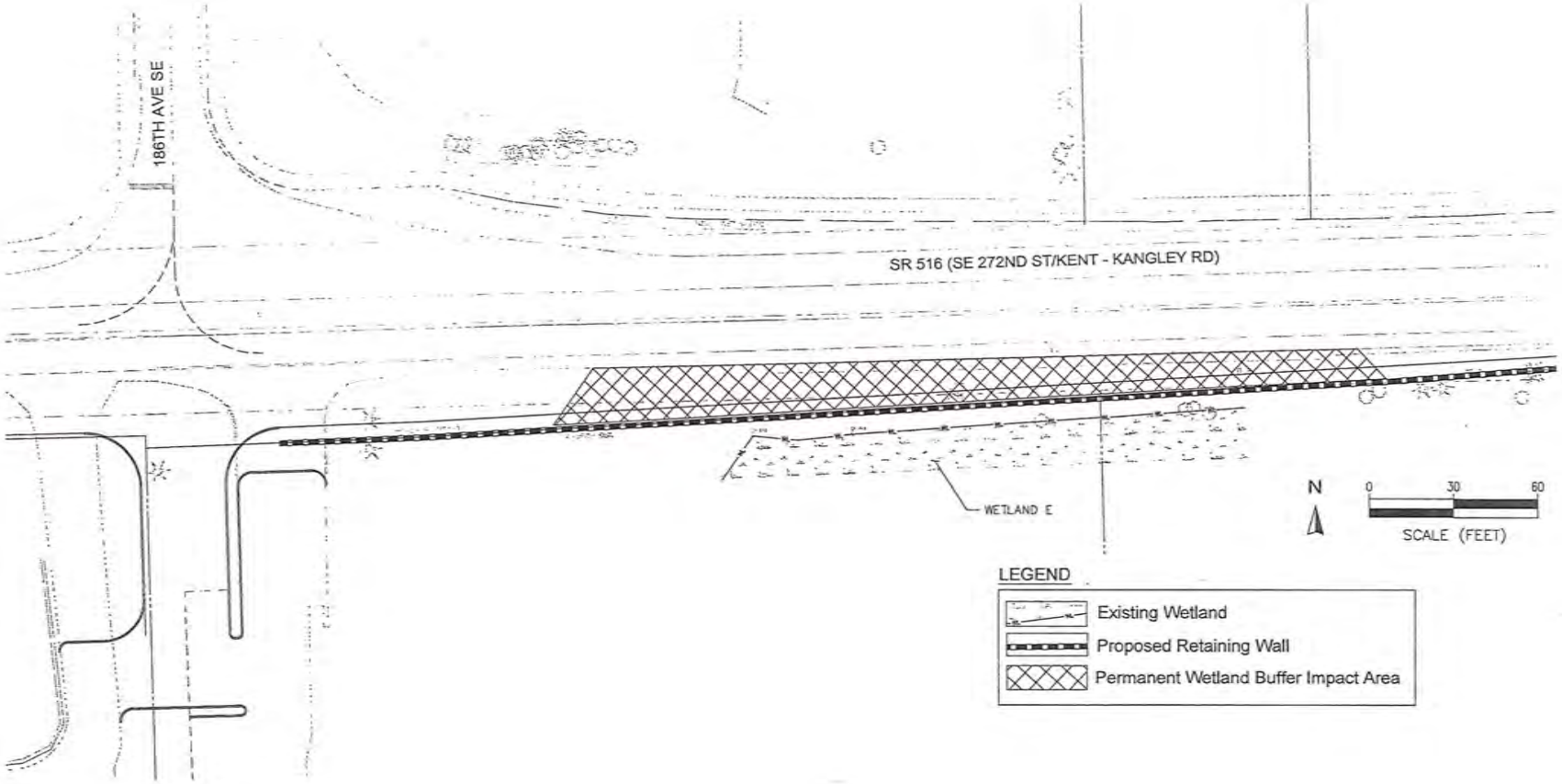
IN: Jenkins Creek

NEAR/AT: Covington

COUNTY: King **STATE:** WA

SHEET: 3 of 10

DATE: October 2015



REFERENCE #: NWS-2015-0343

APPLICANT: City of Covington

ADJACENT PROPERTY OWNERS:
1. See Attachment C

IMPACTS TO WETLAND E

LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82

LAT/LONG: 47.358039-122.102641

DATUM: NAD83

SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek

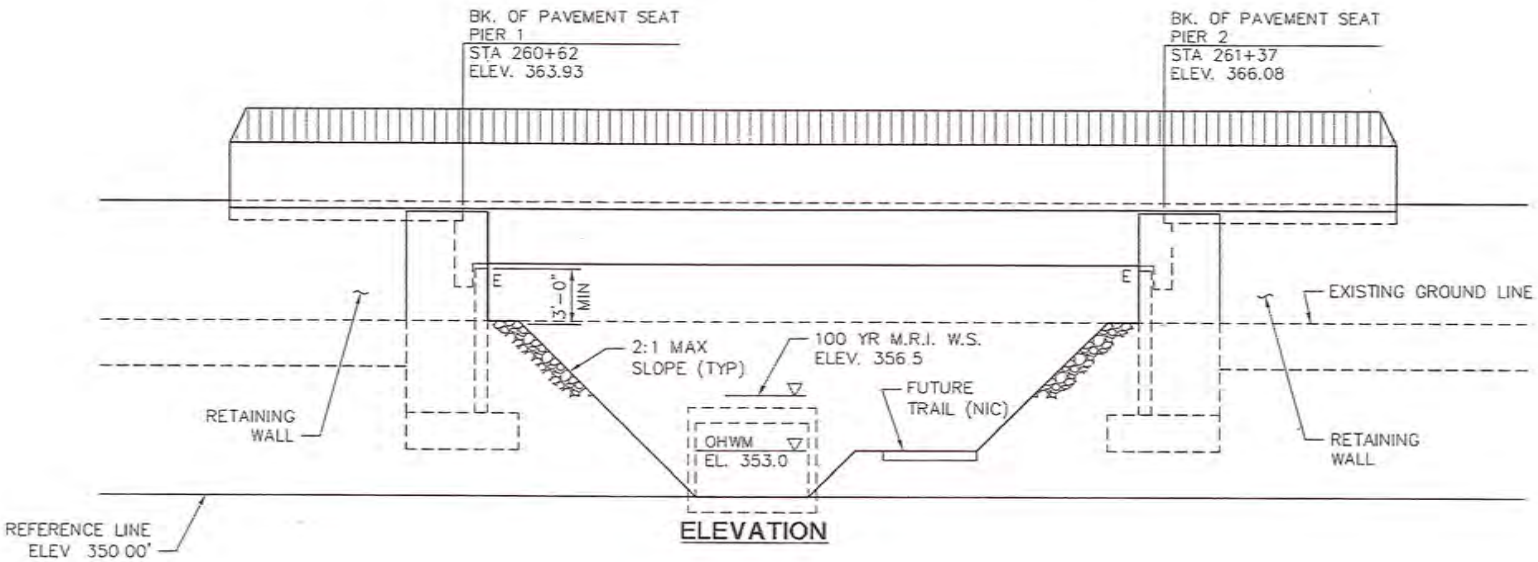
IN: Jenkins Creek

NEAR/AT: Covington

COUNTY: King **STATE:** WA

SHEET: 4 of 10

DATE: October 2015



ELEVATION

DATUM
NAVD 88

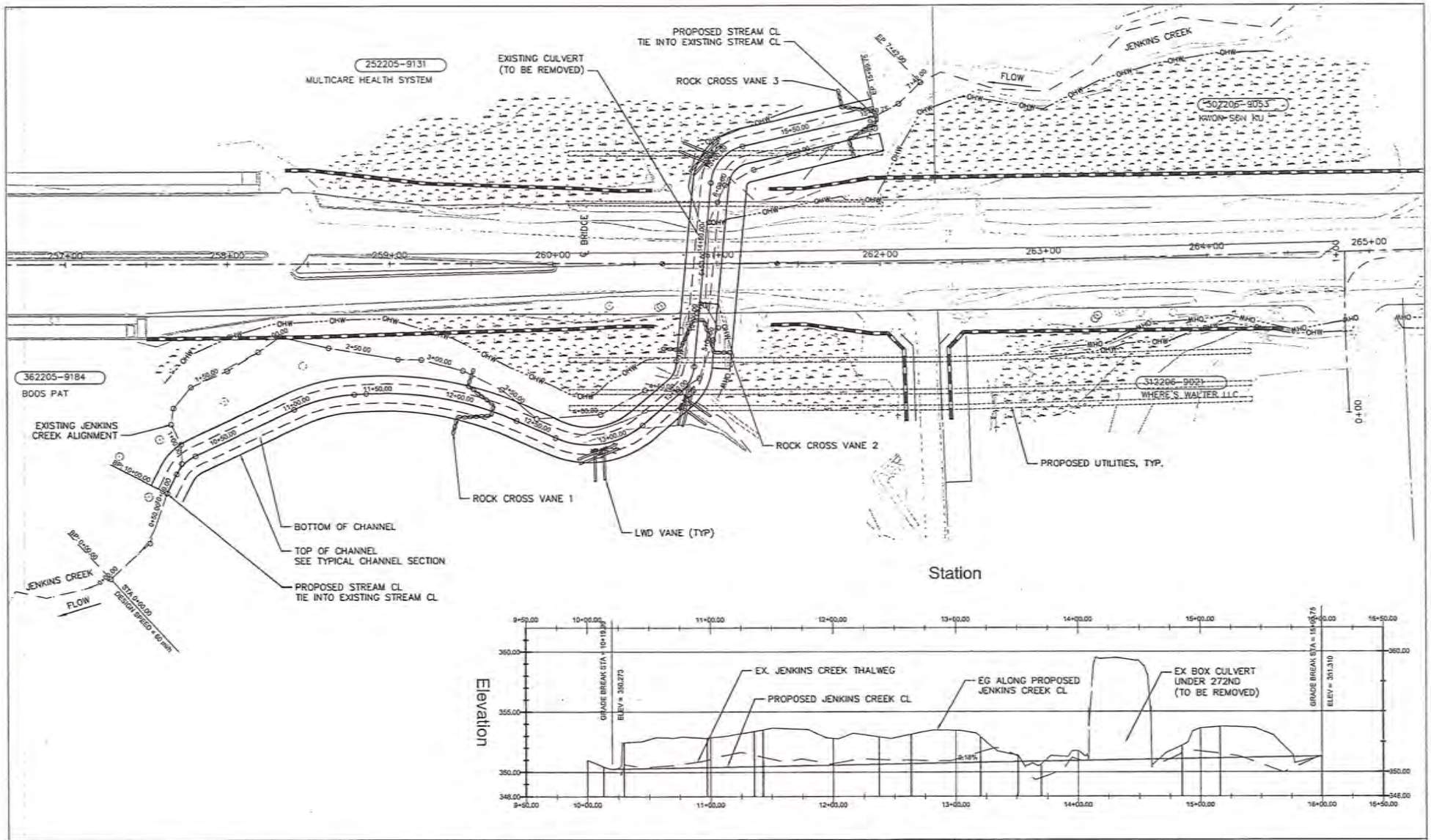
PRECAST PRESTRESSED GIRDER
30 INCH PCPS SLAB
W/ 5" MIN C.I.P. CONCRETE DECK
LOADING: HL-93

REFERENCE #: NWS-2015-0343
APPLICANT: City of Covington
ADJACENT PROPERTY OWNERS:
1. See Attachment C

STREAM CROSS SECTIONS PART A

LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82
LAT/LONG: 47.358039-122.102641
DATUM: NAD83
SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek
IN: Jenkins Creek
NEAR/AT: Covington
COUNTY: King **STATE:** WA
SHEET: 5 of 10
DATE: October 2015



REFERENCE #: NWS-2015-0343

APPLICANT: City of Covington

ADJACENT PROPERTY OWNERS:
1. See Attachment C

STREAM CROSS SECTIONS PART B

LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82

LAT/LONG: 47.358039-122.102641

DATUM: NAD83

SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek

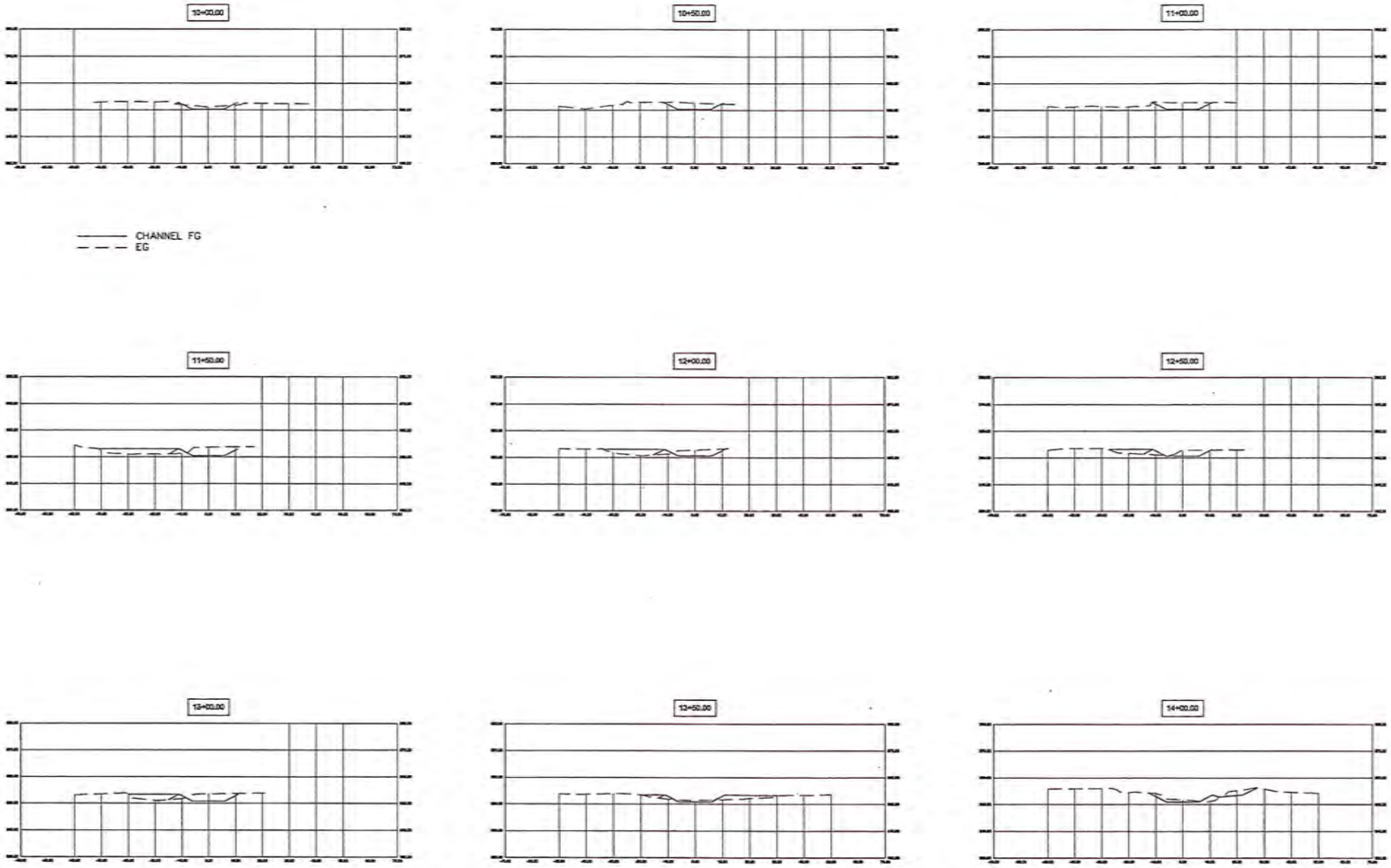
IN: Jenkins Creek

NEAR/AT: Covington

COUNTY: King **STATE:** WA

SHEET: 6 of 10

DATE: October 2015



30%
SUBMITTAL
JULY, 2014

REFERENCE #: NWS-2015-0343

APPLICANT: City of Covington

ADJACENT PROPERTY OWNERS:
1. See Attachment C

STREAM CROSS SECTIONS PART C

LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82

LAT/LONG: 47.358039-122.102641

DATUM: NAD83

SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek

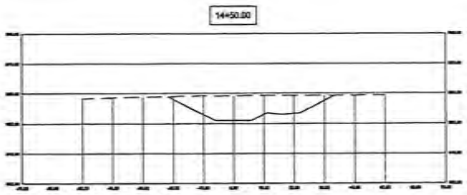
IN: Jenkins Creek

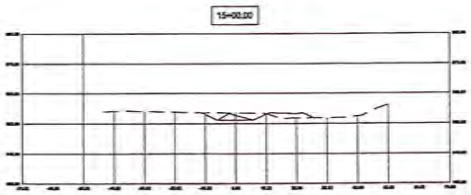
NEAR/AT: Covington

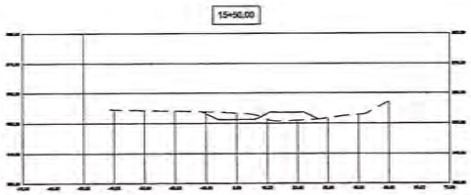
COUNTY: King **STATE:** WA

SHEET: 7 of 10

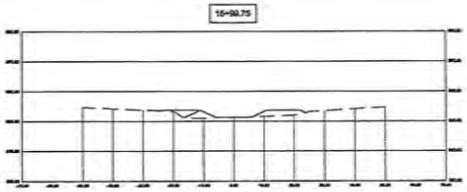
DATE: October 2015







CHANNEL FG
EG



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SUBMITTAL
JULY, 2014

REFERENCE #: NWS-2015-0343

APPLICANT: City of Covington

ADJACENT PROPERTY OWNERS:
1. See Attachment C

STREAM CROSS SECTIONS PART D

LOCATION ADDRESS:
SE 272nd St/SR 516, MP 12.24-12.82

LAT/LONG: 47.358039-122.102641

DATUM: NAD83

SECTION 30/31 & 25/36,
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek

IN: Jenkins Creek

NEAR/AT: Covington

COUNTY: King **STATE:** WA

SHEET: 8 of 10

DATE: October 2015

Plant List for Restoration of Temporarily Impacted Wetland, Buffer, and Riparian Areas
SE 172nd Street Improvements Project, Covington, WA

Plant quantities will be determined as part of final mitigation plan and construction drawings.

Common Name	Scientific Name	Plant Material and Spacing
Temporary Wetland Impact Areas		
Western red cedar	*Thuja plicata*	2 gal container 12 ft on center
Sitka spruce	*Picea sitchensis*	2 gal container 12 ft on center
Sitka willow	*Salix sitchensis*	Live stakes 3 ft on center
Pacific willow	*Salix lucida*	Live stakes 3 ft on center
Salmonberry	*Rubus spectabilis*	1 gal container 6 ft on center
Red-osier dogwood	*Cornus sericea*	Live stakes 3 ft on center
Lady fern	*Athyrium filix-femina*	1 gal container 3 ft on center
Temporary Buffer Impact Areas and Riparian Areas a		
Big-leaf maple	*Acer macrophyllum*	2 gal container 12 ft on center
Douglas fir	*Pseudotsuga menziesii*	2 gal container 12 ft on center
Vine maple	*Acer circinatum*	1 gal container 6 ft on center
Red-osier dogwood	*Cornus sericea*	1 gal container 6 ft on center
Indian plum	*Oemleria cerasiformis*	1 gal container 6 ft on center
Sword fern	*Polystichum munitum*	1 gal container 3 ft on center

REFERENCE #: NWS-2015-0343
APPLICANT: City of Covington
ADJACENT PROPERTY OWNERS:
1. See Attachment C

PLANTING LIST

LOCATION ADDRESS:
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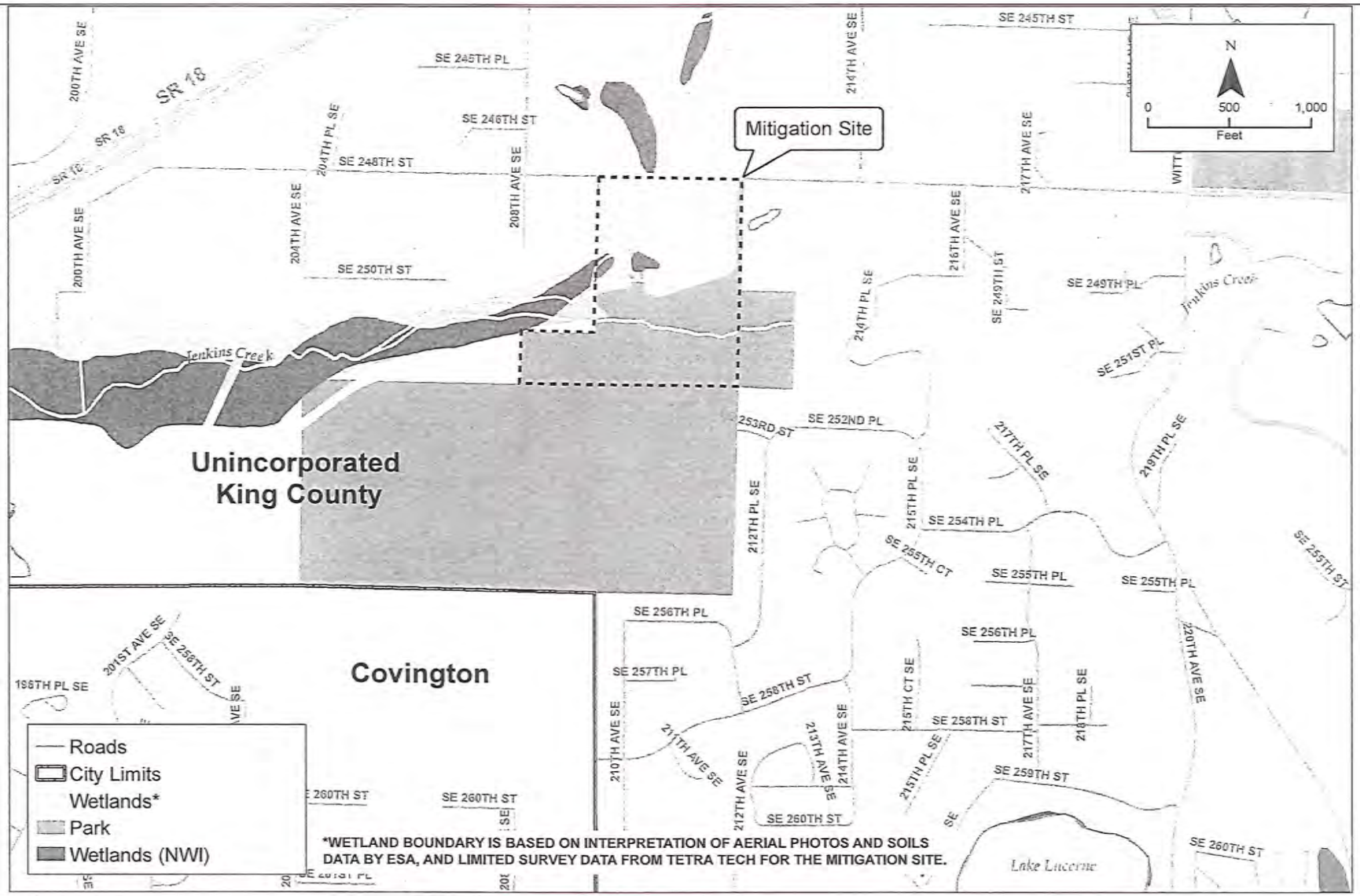
TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek
IN: Jenkins Creek
NEAR/AT: Covington
COUNTY: King **STATE:** WA
SHEET: 9 of 10
DATE: October 2015



REFERENCE #: NWS-2015-0343

APPLICANT: City of Covington

ADJACENT PROPERTY OWNERS:
1. See Attachment C

OFF-SITE STREAM/WETLAND

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TOWNSHIP 22N & 22N, **RANGE** 6E & 5E

PROPOSED PROJECT: SE 272nd St Roadway Improvements and Bridge Over Jenkins Creek

IN: Jenkins Creek

NEAR/AT: Covington

COUNTY: King **STATE:** WA

SHEET: 10 of 10

DATE: October 2015