



US Army Corps
of Engineers
Seattle District



WASHINGTON STATE
DEPARTMENT OF
E C O L O G Y

Joint Public Notice

Application for a Department of the Army Permit And a Washington Department of Ecology Water Quality Certification

US Army Corps of Engineers
Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone (360) 407-6912
Attn: Sandra Manning, 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: February 27, 2013
Expiration Date: March 29, 2013

Reference No.: NWS-2011-61
Name: Washington State Dept. of
Transportation; Tacoma HOV
I-5, M Street to Portland Ave.

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 United States as described below and shown on the enclosed drawings.

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 for consistency with the approved Washington Coastal Zone Management Program.

APPLICANT: Washington State Dept. of Transportation
724 Quince Street Southeast, Suite 206
Olympia, Washington 98504-7376

ATTN: Carrie Berry
Telephone: (360) 709-8147

LOCATION: In wetlands, and a jurisdictional ditch along Interstate-5 (I-5) in Tacoma, Pierce County, Washington. The project will occur along I-5 from M Street to Portland Avenue.

WORK: The Washington State Department of Transportation (WSDOT) proposes to add a new High Occupancy Vehicle (HOV) Lane along I-5 from M Street to Portland Avenue. The work associated with expanding I-5 for the HOV lanes will permanently impact 0.69 of an acre of wetlands and 545 lineal feet of a jurisdictional ditch. Permanent impacts will also occur to 2.30 acres of wetland buffers. Temporary impacts include 0.06 of an acre of wetlands, and 0.15 of an acre of wetland buffer. All temporary impact areas will be replanted upon project completion.

PURPOSE: Improve mobility, efficiency and safety in a heavily congested section of I-5. The addition of HOV lanes will maximize the people-carrying capacity of the I-5 system through Tacoma.

ADDITIONAL INFORMATION: Copies of this public notice which have been mailed or otherwise physically distributed feature project drawings in black and white. The electronic version features those drawings in color, which we think more accurately communicates the scope of project impacts. To access the electronic version of this public notice, go to the Seattle District's web page at <http://www.nws.usace.army.mil/> and scroll down the alphabetical listing of District elements, and click on "Regulatory" and then "Regulatory – Permits" for the Seattle District's Regulatory homepage. Select the prominently displayed "Public Notices" heading and a list of recently-

issued public notices will appear, in chronological order of the date of issuance. Select and view the listing for this project.

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

MITIGATION: To offset impacts to wetlands, WSDOT will deduct appropriate credit acres from the approved Clear Creek-Riverside Advance Mitigation (CCR) site. The necessary credit acre deduction is being reviewed by the Corps and Ecology, and a final acre total has not been approved. The 9.91 acre CCR site is located at Clear Creek in unincorporated Pierce County. The CCR site is within 1 mile of the HOV project. Mitigation at CCR will re-establish 4.65 acres of wetlands, enhance 1.22 acres of wetlands to restore riparian conditions along Clear Creek, construct a backwater channel for flood storage and habitat, establish a 100-foot buffer around the site, and provide downed logs and snags for wildlife habitat.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and the U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of 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 Federal Highway Administration (FHWA) was the lead agency for ESA consultation for several early phases of the I-5 and State Route (SR)16 HOV work. FHWA consulted on the entire I-5 HOV widening project with a single consultation with the NMFS and the USFWS under Section 7 of the ESA. The consultation covered all phases of the project including the area of I-5 from M Street to Portland Avenue. FHWA determined that the project will have an adverse effect on some species, and may affect but is not likely to adversely affect other proposed and listed species and their designated critical habitat. FHWA determined the project will have an adverse affect, but is not likely to jeopardize Puget Sound (PS) bull trout, PS Chinook salmon, PS Steelhead, and will result in the destruction or adverse modification of designated critical habitat for PS Chinook salmon and PS bull trout. A Biologic Opinion (BO) was issued by NMFS and the USFWS on March 16, 2009. The Corps as the federal lead for the M Street to Portland Avenue HOV widening phase will accept the ESA consultation previously conducted by FHWA and the Services for purposes of the Corps permit.

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 earlier phases of the project area.

FHWA, as the lead agency for the earlier phases of the I-5 HOV project made a determination regarding EFH for the entire I-5 HOV project, and has consulted with NMFS. FHWA has determined that the project is likely to adversely affect EFH species. NMFS provided conservation recommendations within the BO dated March 16, 2009, to offset potential adverse effects on EFH. The Corps as the federal lead for the M Street to Portland Avenue HOV widening phase will accept the EFH consultation previously conducted by FHWA and NMFS for purposes of the Corps permit.

CULTURAL RESOURCES: The Corps and FHWA, as the lead agencies for determining compliance with Section 106 of the National Historic Preservation Act, have consulted with the Department of Archaeology and Historic Preservation (DAHP) on the entire I-5 widening project. FHWA made a determination that the project will have an adverse effect on National Register eligible resources, and the Corps supported that determination. A Memorandum of Agreement has been prepared and signed by the Corps, FHWA, the Puyallup Tribe of Indians, and WSDOT and approved by the State Historic Preservation Office. Signatures on the agreement are dated December 2009 and January 2010.

This public notice initiates consultation under Section 106 of the National Historic Preservation Act with any Tribe that has information or concerns with historic properties in the proposed permit area that have not been addressed in the MOA.

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 applicant has not yet identified the source of the fill material. Should a permit be issued, the Corps will evaluate the fill material source prior to the start of construction.

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 and for consistency with the approved Washington 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 it would be in the public interest to authorize this proposal. 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 commentator'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 SMAN461@ecy.wa.gov. Conventional mail comments

NWS-2011-61

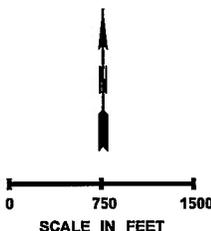
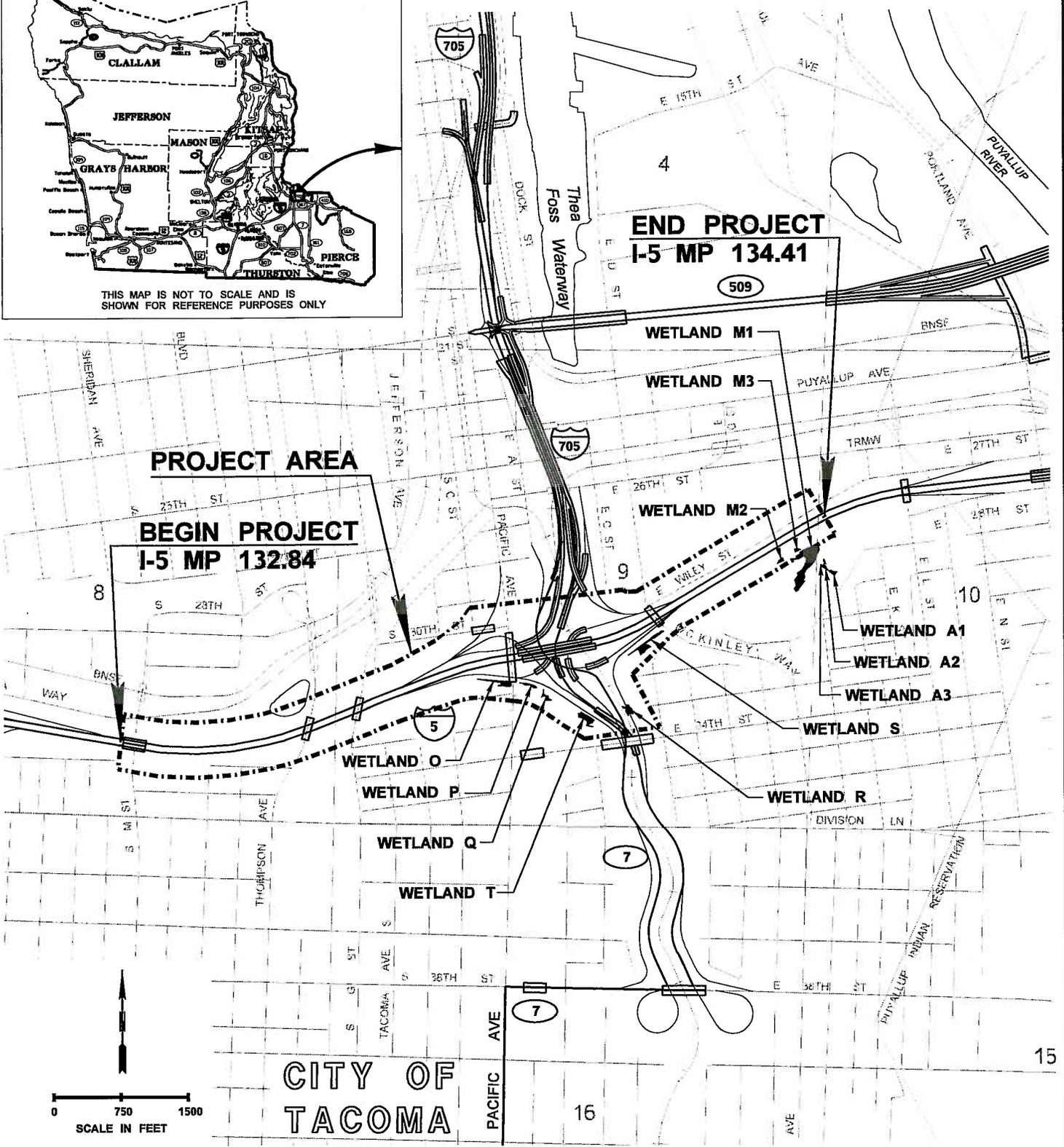
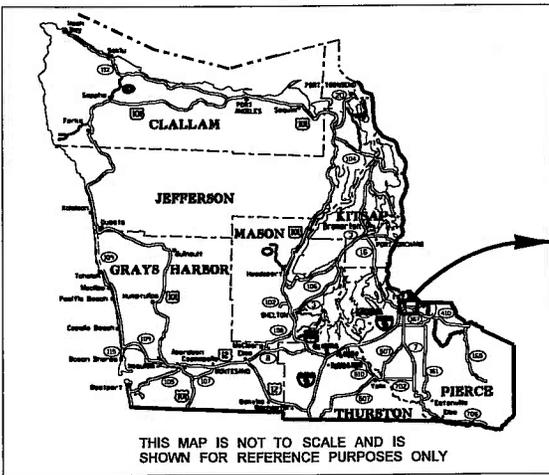
should be sent to U.S. Army Corps of Engineers, Regulatory Branch, Attn: Sandra Manning, Post Office Box 3755, Seattle, Washington 98124-3755.

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: Department of Ecology, Attn: SEA program – Federal Permit Coordinator, Post Office 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: Washington State Dept. of Transportation, NWS-2011-61.

Encl: Figures

T. 20N. R. 3E. W.M.



CITY OF TACOMA

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY	REFERENCE: <i>NWS-2011-61</i>	 Washington State Department of Transportation SHEET: 1 OF: 10
PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV	APPLICANT: WSDOT	
LOCATION: PIERCE COUNTY, WA - TACOMA, WA	COUNTY: PIERCE	
DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88	NEAR:	
ADJACENT PROPERTY OWNERS: SEE SHEET 2	WATER BODY: NA	
LAT: 47°14'06" LONG: -122°28'29"	DATE: FEBRUARY 2013	

TABLE 1: INDIVIDUAL WETLAND IMPACTS

Wetland	Ecology Rating	Total Wetland Area (Ac.)	Buffer Width (Ft.)	Perm. Wetland Fill (CY)	Perm. Wetland Cut (CY)	Permanent Wetland Impact (Ac.)	Permanent Wetland Impact Type	Permanent Buffer Impact (Ac.)	Permanent Buffer Impact Type	Temp. Wetland Impact (Ac.)	Temp. Buffer Impact (Ac.)	Temporary Activity
A1	III	0.06	300	0	0	0	-	N/A	-	0	0	-
A2	III	0.05	300	0	0	0	-	N/A	-	0	0	-
A3	IV	0.01	300	0	0	0	-	N/A	-	0	0	-
M1	II	1.25	300	0	0	0.01	Relocate ROW fence	2.25	Cut/fill	0.06 ¹	0	Clearing
M2	IV	0.05	50	1130	1130	0.05	Cut/fill, new roadway, Stormwater detention tanks	N/A	Total wetland impact	0	0	-
M3	IV	0.04	50	905	905	0.04	Cut/fill, new roadway, Stormwater detention tanks	N/A	Total wetland impact	0	0	-
O	IV	0.27	50	350	3820	0.27	New roadway, retaining wall	N/A	Total wetland impact	0	0	-
P	IV	0.09	50	0	970	0.09	New roadway, retaining wall	N/A	Total wetland impact	0	0	-
Q	III	0.10	75	1	30	0.01	Cut/fill, retaining wall	0.03	Cut/fill	0	0.10	TESC pond Clear/grub
R	IV	0.18	50	0	0	0	-	N/A	-	0	0	-
S	IV	0.39	50	880	1060	0.22	New roadway, retaining wall	0.02	Cut/fill	0	0.05	Clear/grub
T	III	0.28	80	0	0	0	-	N/A	-	0	0	-
TOTAL				3266	7915	0.69	-	2.30	-	0.06	0.15	-

NOTE:

1. FOR WETLAND M1, 0.06 ACRE IS A LONG-TERM TEMPORARY IMPACT.

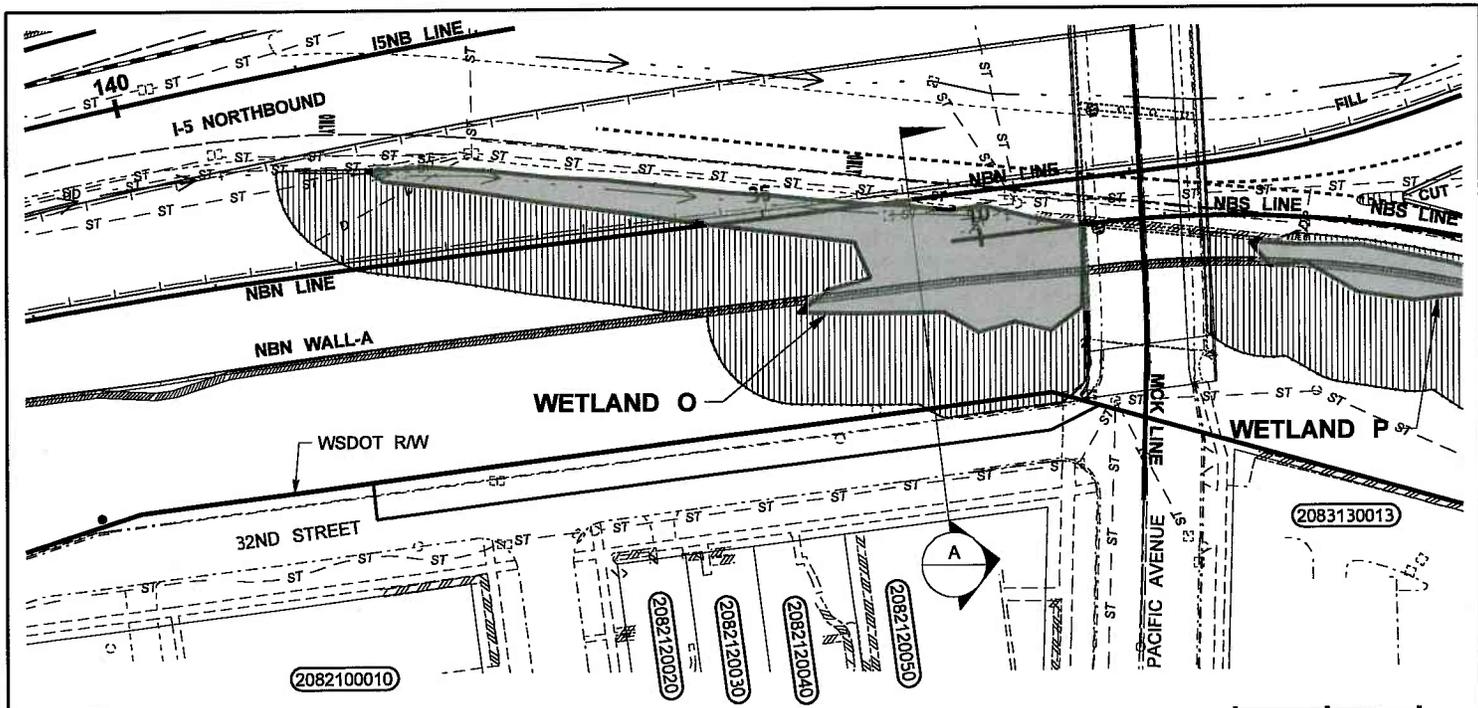
JURISDICTIONAL DITCH IMPACT TABLE

DITCH	TOTAL LENGTH (FEET)	IMPACT LENGTH (FEET)	WIDTH (FEET)	APROX. DEPTH (FEET)	AREA (SQ. FT.)	APPROX. VOLUME (CUBIC YDS. OF FILL)
TP-5	340	0	1.0	1	340	0
TP-6	244	0	1.0	1	244	0
TP-7	545	415 ²	1.0	1	567	0
TP-10	1,465	0	0.75	1	1,099	0
TOTAL IMPACTS						0

NOTE:

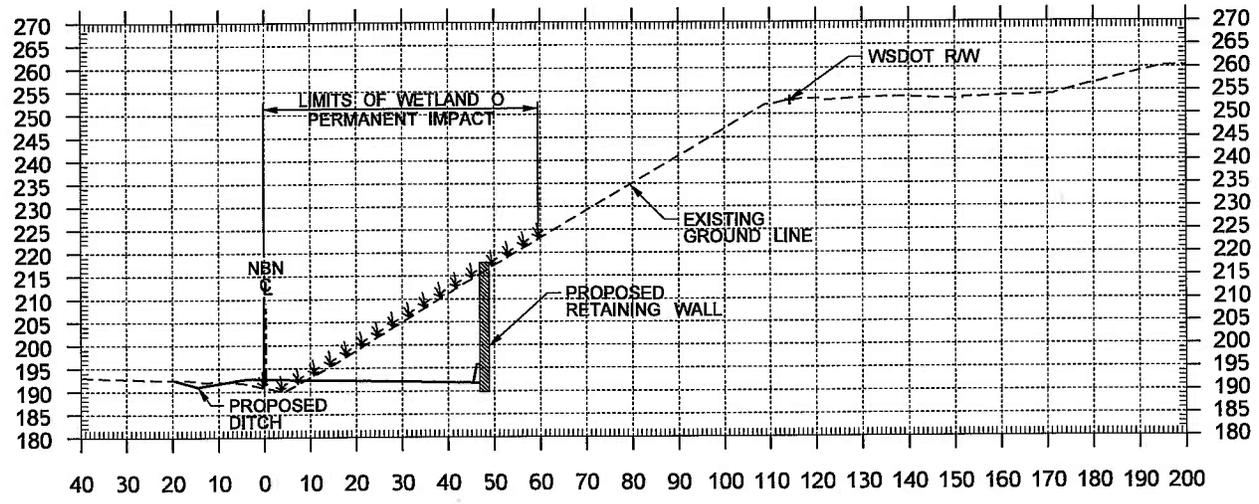
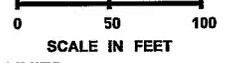
2. THIS DITCH IS MITIGATED AS A PART OF THE TOTAL IMPACT FOR WETLAND S.

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY	REFERENCE: NWS-2011-61	 <p>Washington State Department of Transportation</p>
PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV	APPLICANT: WSDOT	
LOCATION: PIERCE COUNTY, WA - TACOMA, WA	COUNTY: PIERCE	
DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88	NEAR:	
ADJACENT PROPERTY OWNERS: SEE SHEET 2	WATER BODY: N/A	
LAT: 47°14'06" LONG: -122°28'29"	DATE: FEBRUARY 2013	
		SHEET: 2 OF: 10



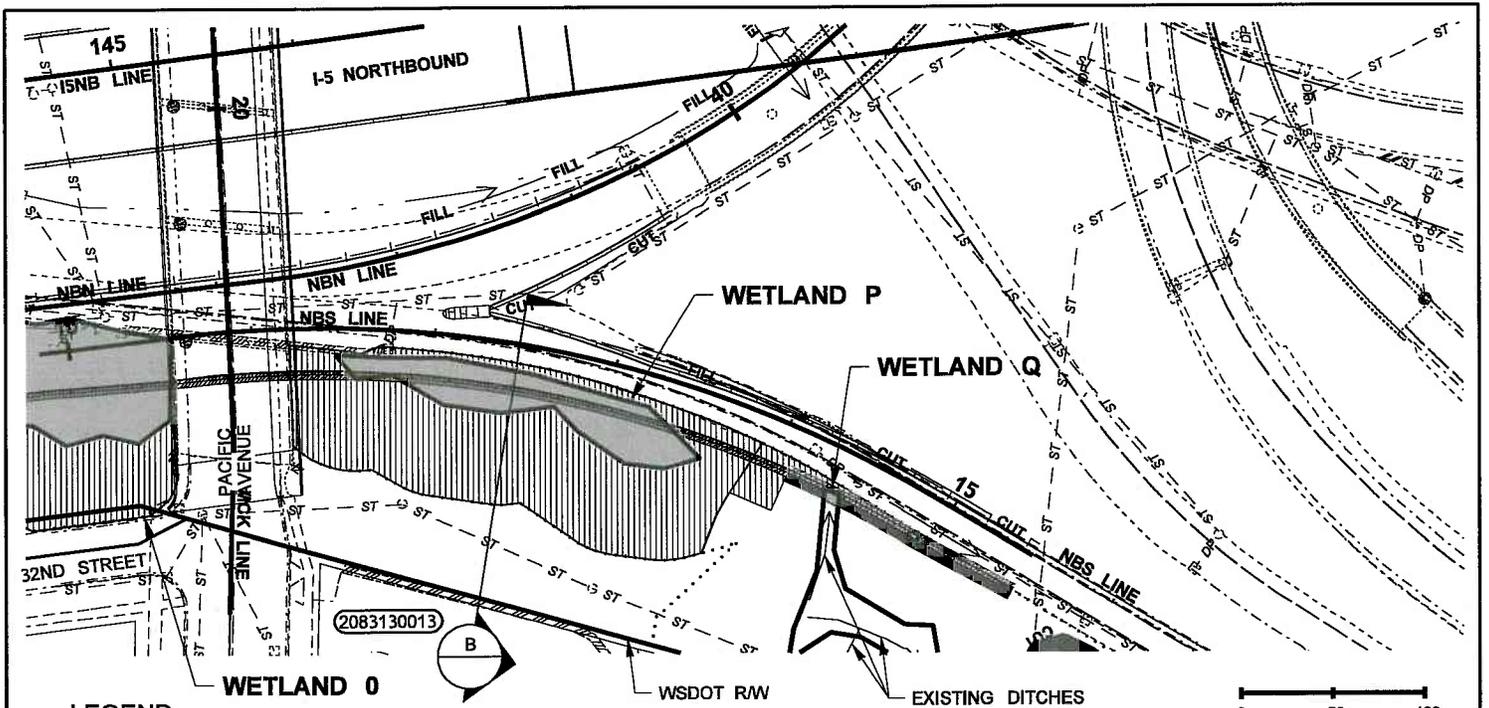
LEGEND:

- - - - - EXISTING NON-JURISDICTIONAL DITCH
- - - - - EXISTING JURISDICTIONAL DITCH
- DP - - DP - EXISTING DRAIN PIPE
- ST - - ST - EXISTING STORM SEWER LINE
- EXISTING CATCH BASIN
- EXISTING GRATE INLET
- EXISTING MANHOLE
- - - - - EXISTING EDGE OF ROADWAY
- ||||| EXISTING RETAINING WALL
- (0000000000) TAX PARCEL NUMBER
- - - - - PROPOSED EDGE OF ROADWAY
- CUT - - - - - PROPOSED EXCAVATION / CUT LIMITS
- FILL - - - - - PROPOSED FILL LIMITS
- CG - - CG - PROPOSED CLEARING & GRUBBING LIMITS
- - - - - WSDOT RIGHT OF WAY LIMITS
- ||||| PROPOSED RETAINING WALL
- WETLAND
- PERMANENT WETLAND IMPACT
- TEMPORARY WETLAND IMPACT
- PERMANENT BUFFER IMPACT
- TEMPORARY BUFFER IMPACT
- WETLAND BUFFER



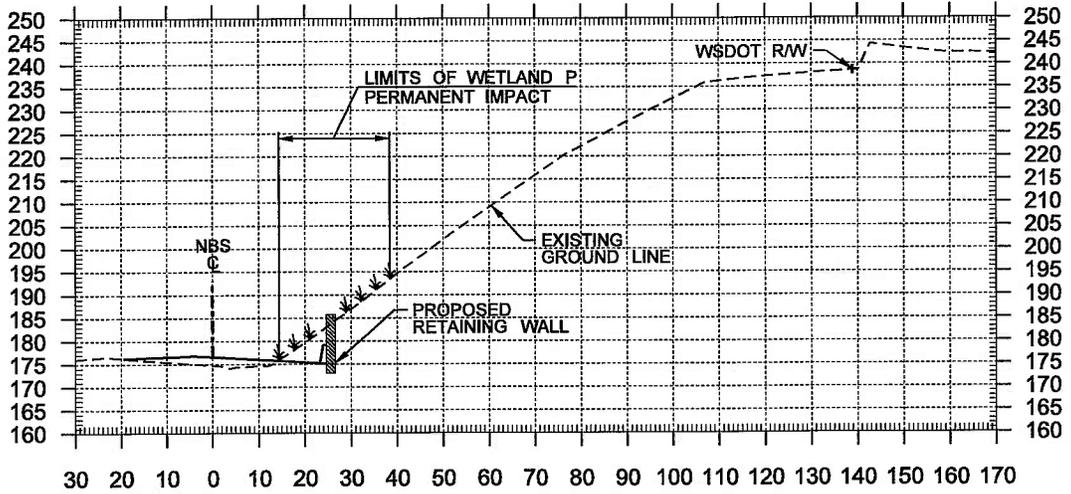
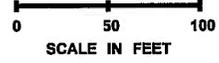
A SECTION - WETLAND O (NBN LINE STA. 35+80)

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV LOCATION: PIERCE COUNTY, WA - TACOMA, WA DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88 ADJACENT PROPERTY OWNERS: SEE SHEET 2 LAT: 47°14'06" LONG: -122°28'29"	REFERENCE: NWS-2011-61 APPLICANT: WSDOT COUNTY: PIERCE NEAR: WATER BODY: N/A DATE: FEBRUARY 2013	<p>Washington State Department of Transportation</p>
SHEET: 3 OF: 10		



LEGEND:

- | | | | |
|---------------|-----------------------------------|-------------|-------------------------------------|
| → - - | EXISTING NON-JURISDICTIONAL DITCH | - FILL - | PROPOSED FILL LIMITS |
| → - - - - | EXISTING JURISDICTIONAL DITCH | - CG - CG - | PROPOSED CLEARING & GRUBBING LIMITS |
| - DP - - DP - | EXISTING DRAIN PIPE | — | WSDOT RIGHT OF WAY LIMITS |
| - ST - - ST - | EXISTING STORM SEWER LINE | ▨ | PROPOSED RETAINING WALL |
| □ | EXISTING CATCH BASIN | ▩ | WETLAND |
| □ | EXISTING GRATE INLET | ▨ | PERMANENT WETLAND IMPACT |
| ○ | EXISTING MANHOLE | ▨ | TEMPORARY WETLAND IMPACT |
| - - - - - | EXISTING EDGE OF ROADWAY | ▨ | PERMANENT BUFFER IMPACT |
| ▨ | EXISTING RETAINING WALL | ▨ | TEMPORARY BUFFER IMPACT |
| 0000000000 | TAX PARCEL NUMBER | | WETLAND BUFFER |
| - - - - - | PROPOSED EDGE OF ROADWAY | | |
| - CUT - | PROPOSED EXCAVATION / CUT LIMITS | | |



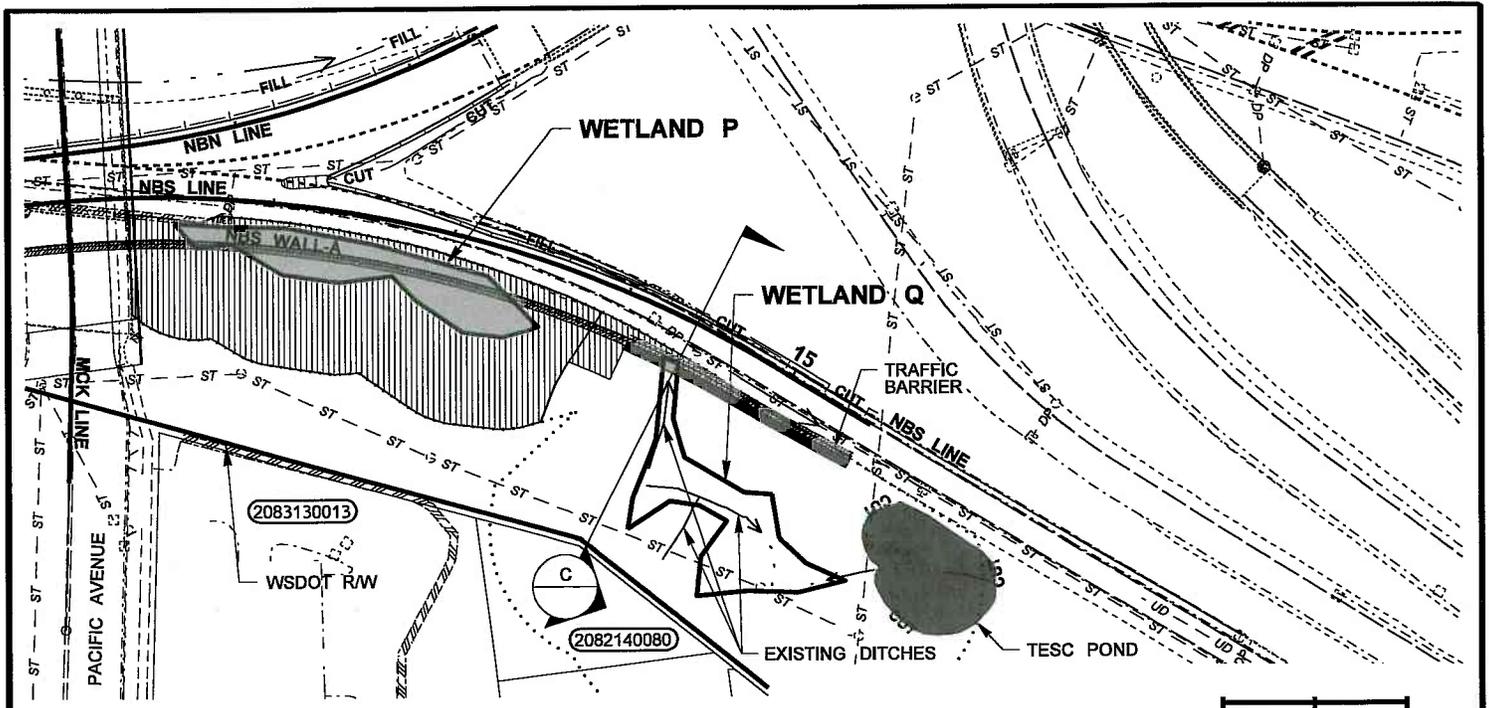
B SECTION - WETLAND P (NBS LINE STA. 12+40)

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY	REFERENCE: <i>NWS-2011-61</i>
PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV	APPLICANT: WSDOT
LOCATION: PIERCE COUNTY, WA - TACOMA, WA	COUNTY: PIERCE
DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88	NEAR:
ADJACENT PROPERTY OWNERS: SEE SHEET 2	WATER BODY: NA
LAT: 47°14'06" LONG: -122°28'29"	DATE: FEBRUARY 2013



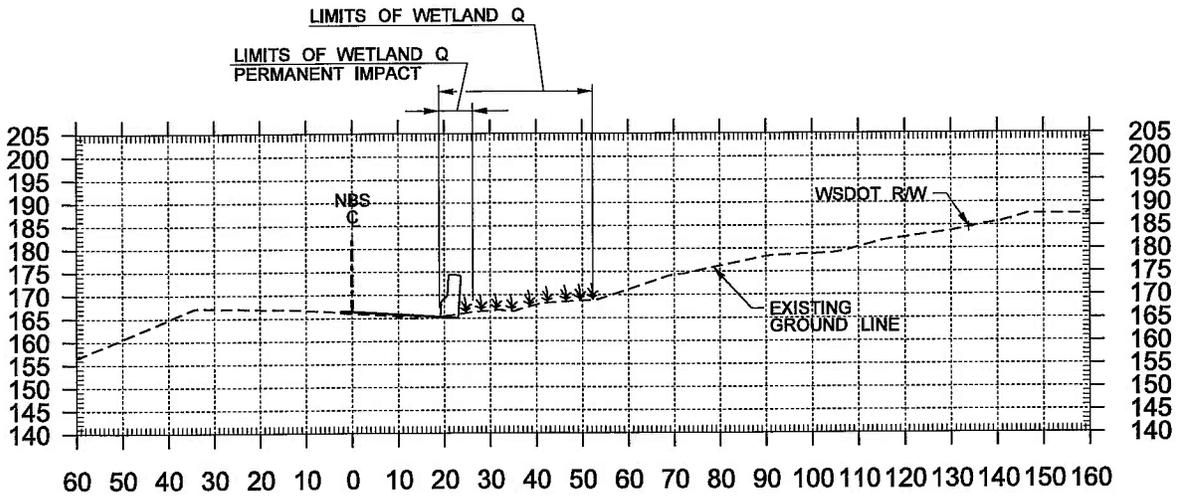
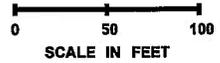
**Washington State
Department of Transportation**

SHEET: 4 OF: 10



LEGEND:

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|-------------|-----------------------------------|--------|-------------------------------------|
| → | EXISTING NON-JURISDICTIONAL DITCH | - FILL | PROPOSED FILL LIMITS |
| → | EXISTING JURISDICTIONAL DITCH | - CG | PROPOSED CLEARING & GRUBBING LIMITS |
| - DP - DP - | EXISTING DRAIN PIPE | ===== | WSDOT RIGHT OF WAY LIMITS |
| - ST - ST - | EXISTING STORM SEWER LINE | ===== | PROPOSED RETAINING WALL |
| □ | EXISTING CATCH BASIN | ===== | WETLAND |
| □ | EXISTING GRATE INLET | ===== | PERMANENT WETLAND IMPACT |
| ○ | EXISTING MANHOLE | ===== | TEMPORARY WETLAND IMPACT |
| ----- | EXISTING EDGE OF ROADWAY | ===== | PERMANENT BUFFER IMPACT |
| ----- | EXISTING RETAINING WALL | ===== | TEMPORARY BUFFER IMPACT |
| 0000000000 | TAX PARCEL NUMBER | | WETLAND BUFFER |
| - CUT | PROPOSED EDGE OF ROADWAY | | |
| | PROPOSED EXCAVATION / CUT LIMITS | | |



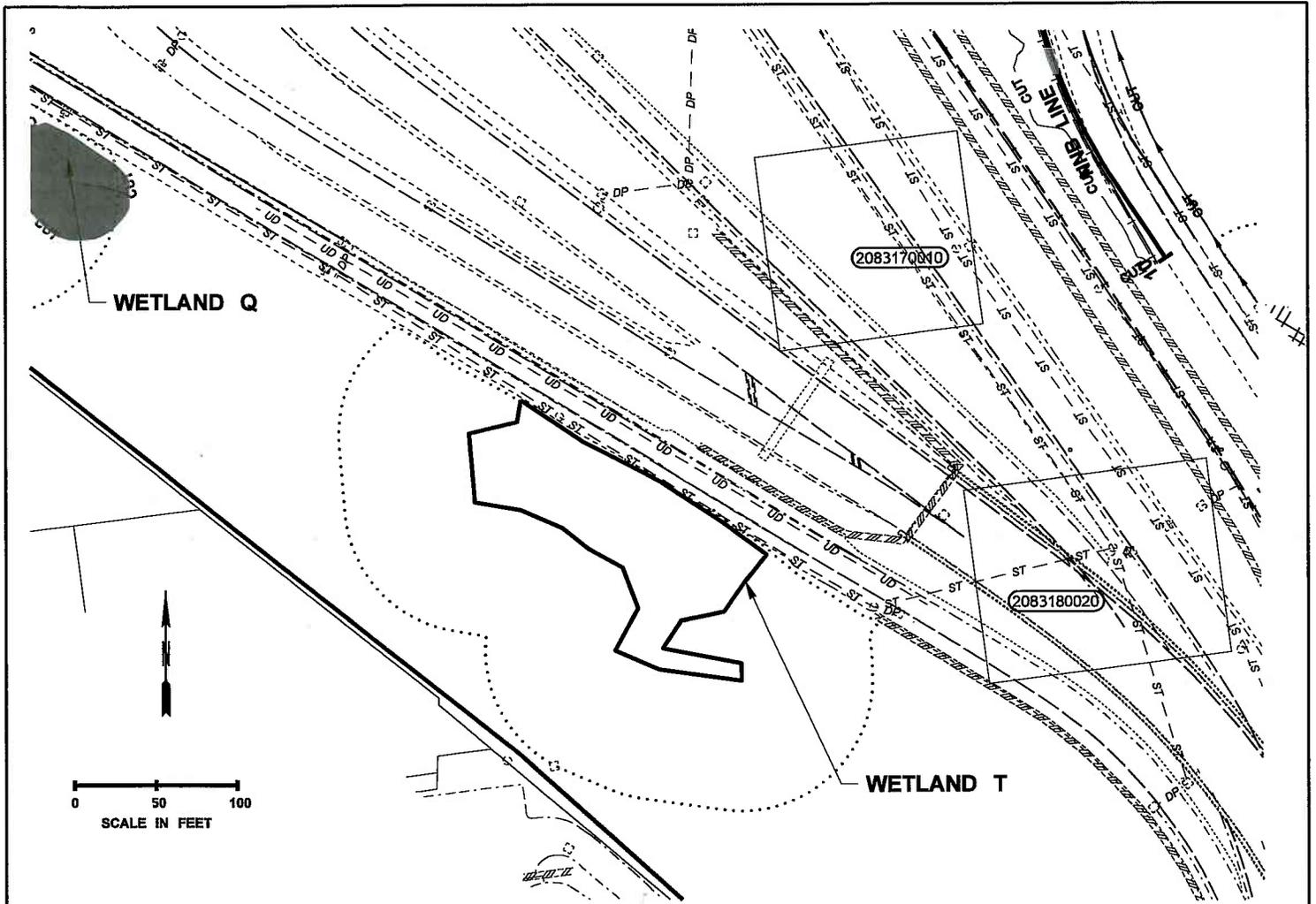
C SECTION - WETLAND Q (NBS LINE STA. 14+40.73)

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY	REFERENCE: NWS-2011-01
PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV	APPLICANT: WSDOT
LOCATION: PIERCE COUNTY, WA - TACOMA, WA	COUNTY: PIERCE
DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88	NEAR:
ADJACENT PROPERTY OWNERS: SEE SHEET 2	WATER BODY: NA
LAT: 47° 14'06" LONG: -122° 28'29"	DATE: FEBRUARY 2013



**Washington State
Department of Transportation**

SHEET: 5 OF: 10



LEGEND:

- | | | | |
|---------------|-----------------------------------|-------------|-------------------------------------|
| → - - | EXISTING NON-JURISDICTIONAL DITCH | - FILL - | PROPOSED FILL LIMITS |
| → - - | EXISTING JURISDICTIONAL DITCH | - CG - CG - | PROPOSED CLEARING & GRUBBING LIMITS |
| - DP - - DP - | EXISTING DRAIN PIPE | ===== | WSDOT RIGHT OF WAY LIMITS |
| - ST - - ST - | EXISTING STORM SEWER LINE | ▨ | PROPOSED RETAINING WALL |
| □ | EXISTING CATCH BASIN | ▭ | WETLAND |
| □ | EXISTING GRATE INLET | ▨ | PERMANENT WETLAND IMPACT |
| ○ | EXISTING MANHOLE | ▨ | TEMPORARY WETLAND IMPACT |
| ----- | EXISTING EDGE OF ROADWAY | ▨ | PERMANENT BUFFER IMPACT |
| ▨ | EXISTING RETAINING WALL | ▨ | TEMPORARY BUFFER IMPACT |
| 0000000000 | TAX PARCEL NUMBER | | WETLAND BUFFER |
| - CUT - | PROPOSED EDGE OF ROADWAY | | |
| | PROPOSED EXCAVATION / CUT LIMITS | | |

WETLAND T

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY
 PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV
 LOCATION: PIERCE COUNTY, WA - TACOMA, WA
 DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88
 ADJACENT PROPERTY OWNERS: SEE SHEET 2
 LAT: 47 14'06" LONG: -122 28'29"

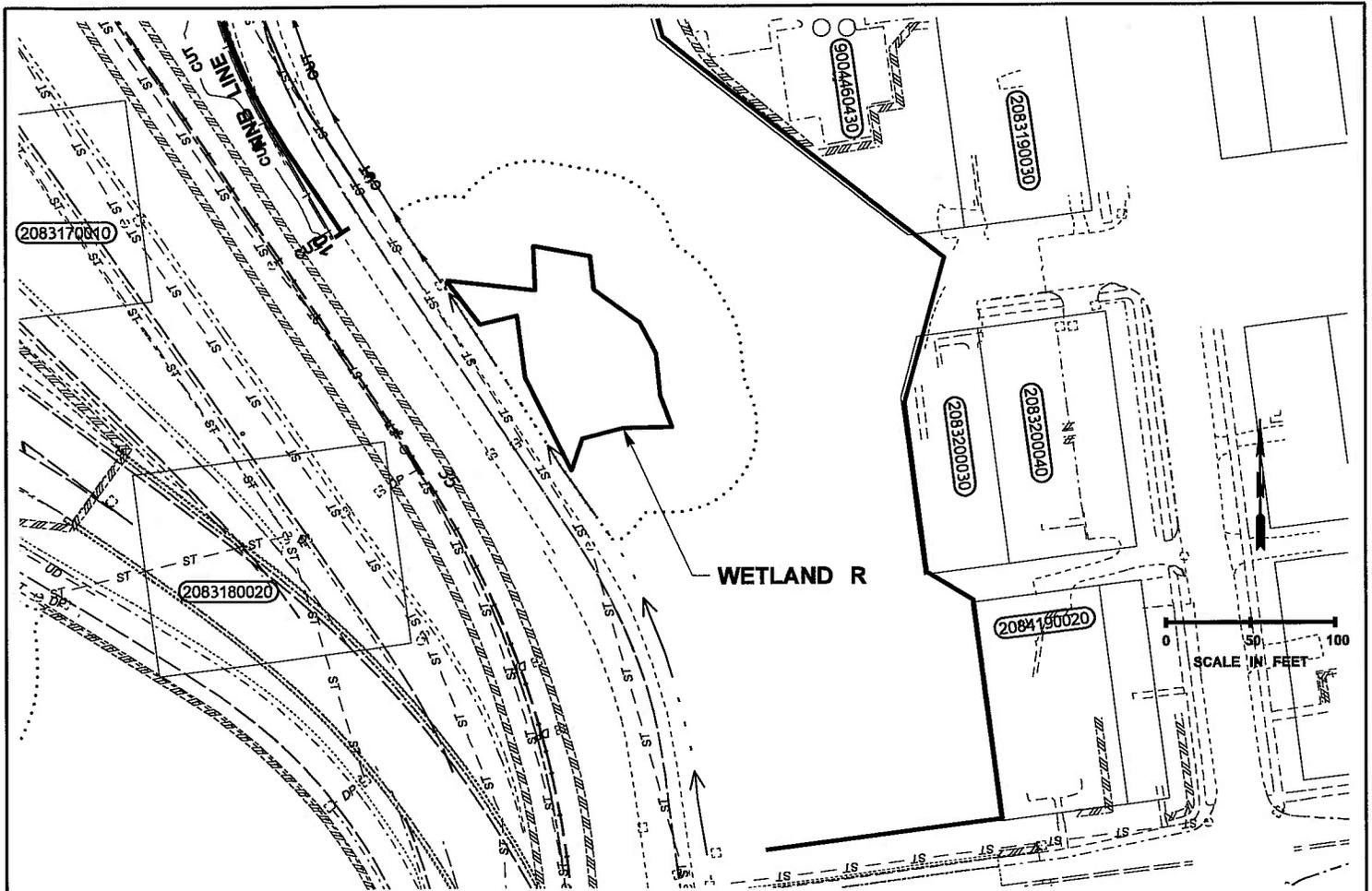
REFERENCE: *NWS-2011-101*
 APPLICANT: WSDOT
 COUNTY: PIERCE
 NEAR:
 WATER BODY: N/A

DATE: FEBRUARY 2013



**Washington State
 Department of Transportation**

SHEET: 6 OF: 10

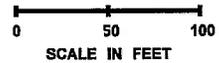
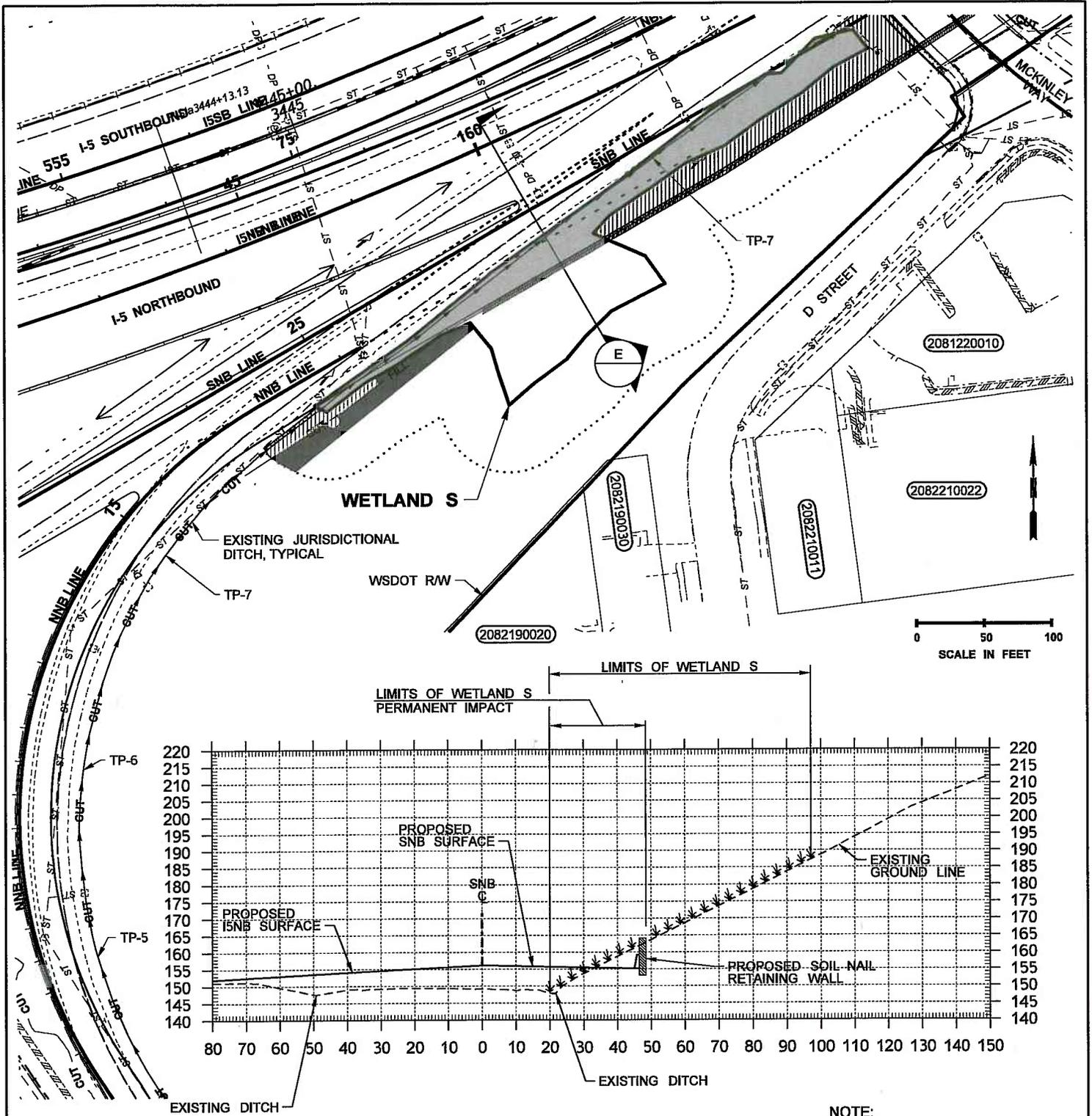


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| → | EXISTING NON-JURISDICTIONAL DITCH | - FILL - | PROPOSED FILL LIMITS |
| → | EXISTING JURISDICTIONAL DITCH | - CG - | PROPOSED CLEARING & GRUBBING LIMITS |
| - DP - DP - | EXISTING DRAIN PIPE | — | WSDOT RIGHT OF WAY LIMITS |
| - ST - ST - | EXISTING STORM SEWER LINE | ▨ | PROPOSED RETAINING WALL |
| □ | EXISTING CATCH BASIN | ▨ | WETLAND |
| □ | EXISTING GRATE INLET | ▨ | PERMANENT WETLAND IMPACT |
| ○ | EXISTING MANHOLE | ▨ | TEMPORARY WETLAND IMPACT |
| - - - - - | EXISTING EDGE OF ROADWAY | ▨ | PERMANENT BUFFER IMPACT |
| ▨ | EXISTING RETAINING WALL | ▨ | TEMPORARY BUFFER IMPACT |
| 0000000000 | TAX PARCEL NUMBER | | WETLAND BUFFER |
| - - - - - | PROPOSED EDGE OF ROADWAY | | |
| - CUT - | PROPOSED EXCAVATION / CUT LIMITS | | |

WETLAND R

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY	REFERENCE: NWS-2011-61	 <p>Washington State Department of Transportation</p>
PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV	APPLICANT: WSDOT	
LOCATION: PIERCE COUNTY, WA - TACOMA, WA	COUNTY: PIERCE	
DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88	NEAR:	
ADJACENT PROPERTY OWNERS: SEE SHEET 2	WATER BODY: NA	
LAT: 47 14'06" LONG: -122 28'29"	DATE: FEBRUARY 2013	
		SHEET: 7 OF: 10



E SECTION - WETLAND S (SNB LINE STA. 27+00)

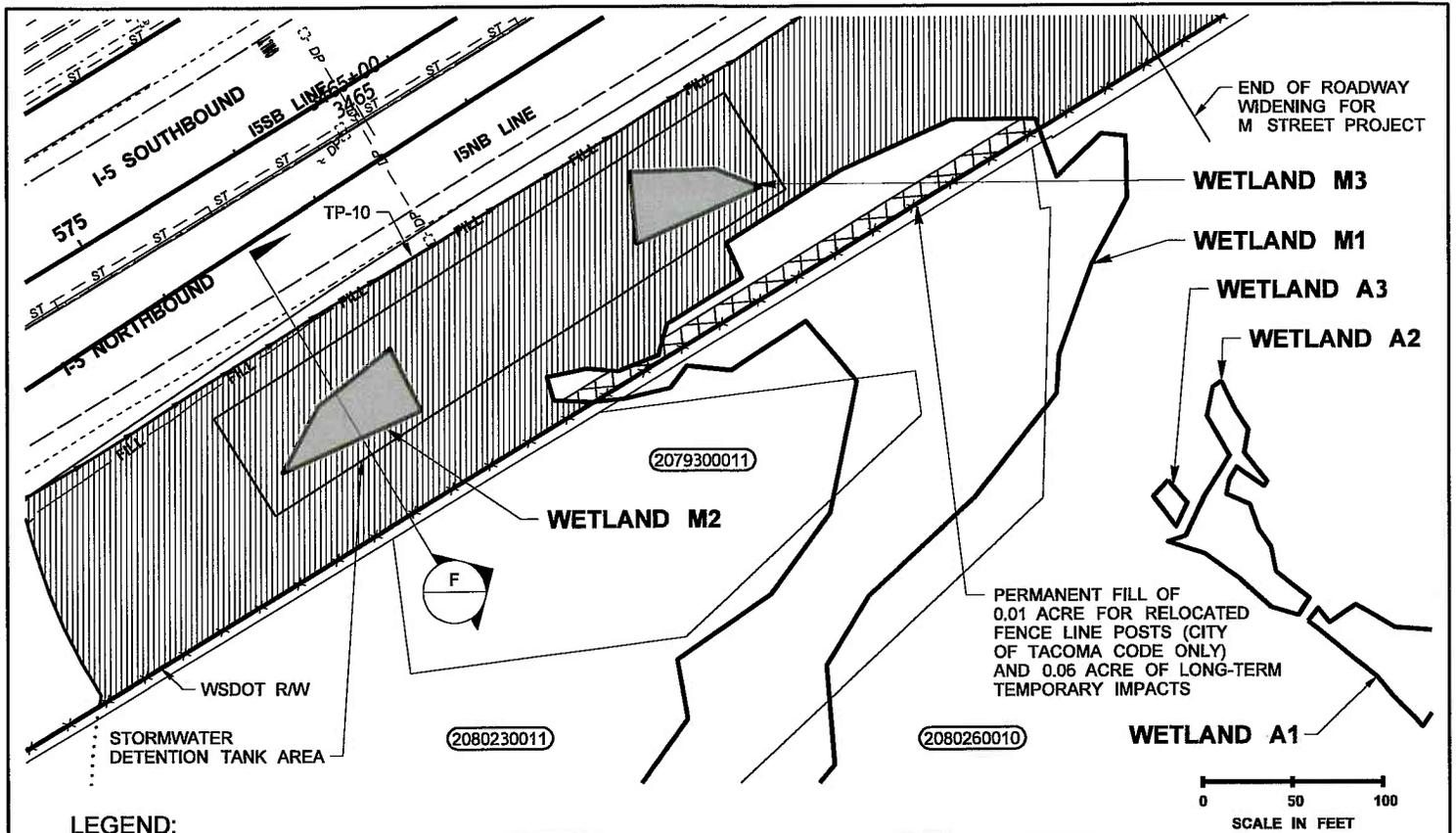
NOTE:
SEE SHEET 6 FOR LEGEND

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY	REFERENCE: NWS-2011-61
PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV	APPLICANT: WSDOT
LOCATION: PIERCE COUNTY, WA - TACOMA, WA	COUNTY: PIERCE
DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88	NEAR:
ADJACENT PROPERTY OWNERS: SEE SHEET 2	WATER BODY: N/A
LAT: 47°14'06" LONG: -122°28'29"	DATE: FEBRUARY 2013



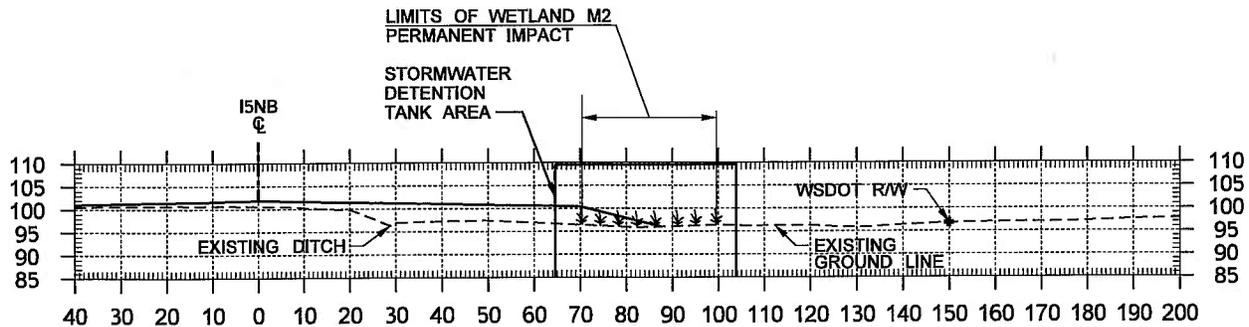
**Washington State
Department of Transportation**

SHEET: 8 OF: 10



LEGEND:

- | | | | |
|---------------|-----------------------------------|-------------|-------------------------------------|
| → - - | EXISTING NON-JURISDICTIONAL DITCH | - FILL - | PROPOSED FILL LIMITS |
| → - - DP - | EXISTING JURISDICTIONAL DITCH | - CG - CG - | PROPOSED CLEARING & GRUBBING LIMITS |
| - DP - - DP - | EXISTING DRAIN PIPE | - - - - - | WSDOT RIGHT OF WAY LIMITS |
| - ST - - ST - | EXISTING STORM SEWER LINE | ▨ | PROPOSED RETAINING WALL |
| □ | EXISTING CATCH BASIN | ▩ | WETLAND |
| □ | EXISTING GRATE INLET | ▨ | PERMANENT WETLAND IMPACT |
| ○ | EXISTING MANHOLE | ▨ | TEMPORARY WETLAND IMPACT |
| - - - - - | EXISTING EDGE OF ROADWAY | ▨ | PERMANENT BUFFER IMPACT |
| ▨ | EXISTING RETAINING WALL | ▨ | TEMPORARY BUFFER IMPACT |
| ① | TAX PARCEL NUMBER | ⋯ | WETLAND BUFFER |
| - - - - - | PROPOSED EDGE OF ROADWAY | ▨ | LONG-TERM TEMPORARY IMPACT |
| - CUT - | PROPOSED EXCAVATION / CUT LIMITS | | |



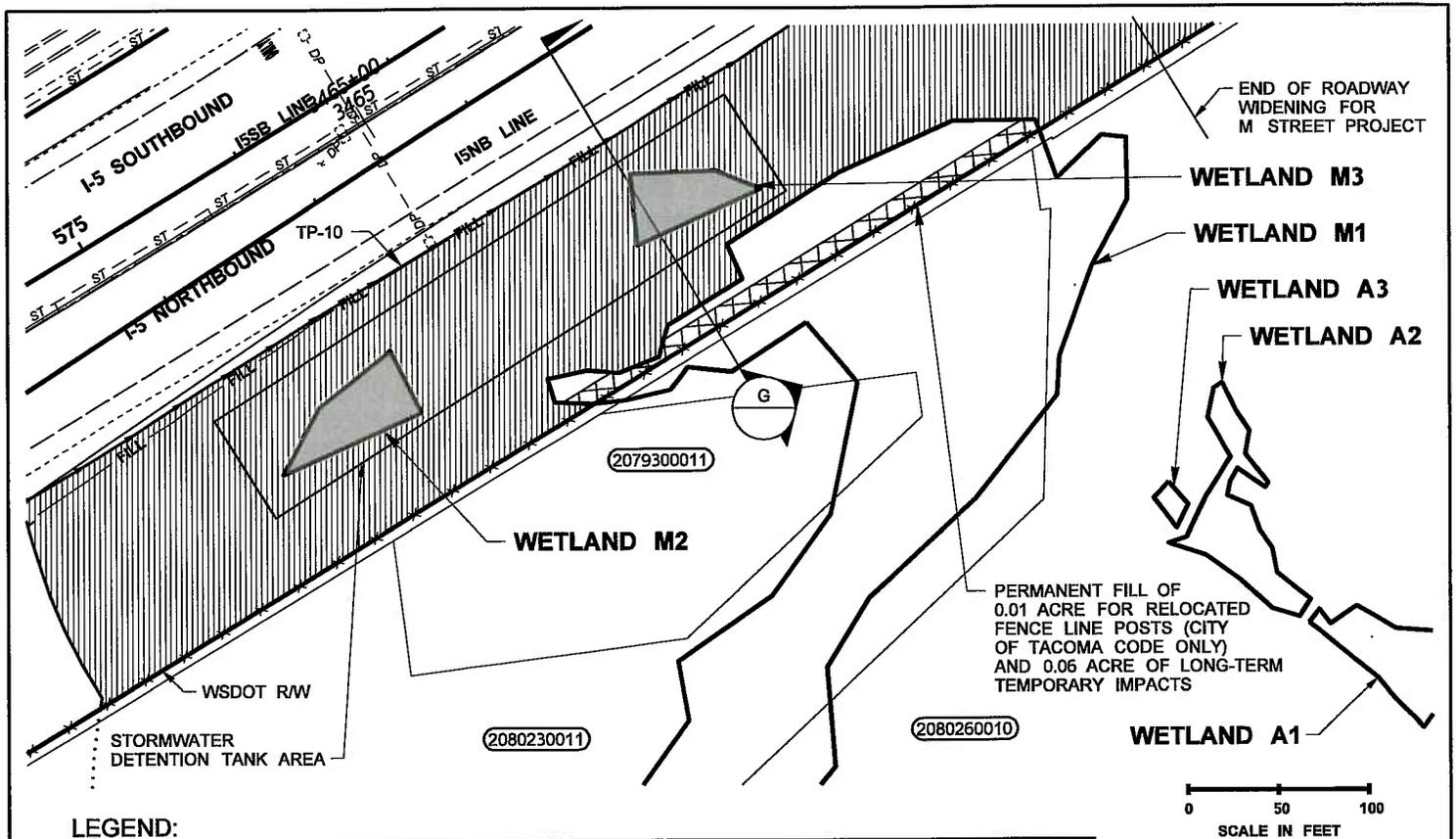
F SECTION - WETLAND M2 (I5NB LINE STA. 178+00)

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY	REFERENCE: <i>NWS-2011-01</i>
PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV	APPLICANT: WSDOT
LOCATION: PIERCE COUNTY, WA - TACOMA, WA	COUNTY: PIERCE
DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88	NEAR:
ADJACENT PROPERTY OWNERS: SEE SHEET 2	WATER BODY: NA
LAT: 47°14'06" LONG: -122°28'29"	DATE: FEBRUARY 2013



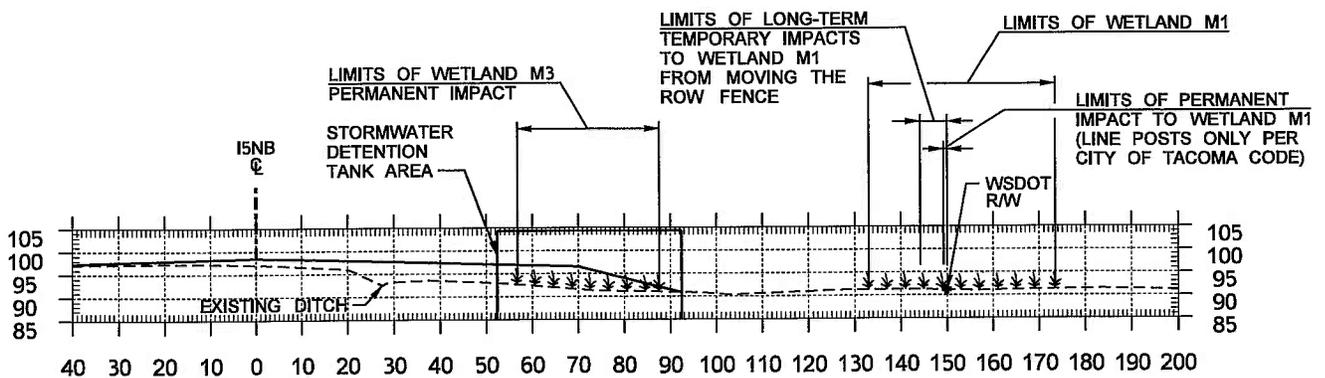
**Washington State
Department of Transportation**

SHEET: 9 OF: 10



LEGEND:

- | | | | |
|-----------------|-----------------------------------|-------------|-------------------------------------|
| → - - | EXISTING NON-JURISDICTIONAL DITCH | - FILL - | PROPOSED FILL LIMITS |
| → - - DP - - | EXISTING JURISDICTIONAL DITCH | - CG - CG - | PROPOSED CLEARING & GRUBBING LIMITS |
| - DP - - DP - - | EXISTING DRAIN PIPE | — — — — — | WSDOT RIGHT OF WAY LIMITS |
| - ST - - ST - - | EXISTING STORM SEWER LINE | ▨ ▨ ▨ ▨ ▨ | PROPOSED RETAINING WALL |
| □ □ | EXISTING CATCH BASIN | ▨ ▨ ▨ ▨ ▨ | WETLAND |
| □ □ | EXISTING GRATE INLET | ▨ ▨ ▨ ▨ ▨ | PERMANENT WETLAND IMPACT |
| ○ ○ | EXISTING MANHOLE | ▨ ▨ ▨ ▨ ▨ | TEMPORARY WETLAND IMPACT |
| - - - - - | EXISTING EDGE OF ROADWAY | ▨ ▨ ▨ ▨ ▨ | PERMANENT BUFFER IMPACT |
| ▨ ▨ ▨ ▨ ▨ | EXISTING RETAINING WALL | ▨ ▨ ▨ ▨ ▨ | TEMPORARY BUFFER IMPACT |
| ①①①①①①①① | TAX PARCEL NUMBER | ⋯ ⋯ ⋯ | WETLAND BUFFER |
| - - - - - | PROPOSED EDGE OF ROADWAY | ▨ ▨ ▨ ▨ ▨ | LONG-TERM TEMPORARY IMPACT |
| - CUT - | PROPOSED EXCAVATION / CUT LIMITS | | |



G SECTION - WETLANDS M1 & M3 (15NB LINE STA. 180+00)

PURPOSE: IMPROVE TRAFFIC FLOW AND INCREASE SAFETY	REFERENCE: NWS-2011-01	 <p>Washington State Department of Transportation</p>
PROPOSED: I-5 M STREET TO PORTLAND AVENUE - HOV	APPLICANT: WSDOT	
LOCATION: PIERCE COUNTY, WA - TACOMA, WA	COUNTY: PIERCE	
DATUM: HORIZONTAL: NAD83, VERTICAL: NAVD88	NEAR:	
ADJACENT PROPERTY OWNERS: SEE SHEET 2	WATER BODY: NA	
LAT: 47°14'06" LONG: -122°28'29"	DATE: FEBRUARY 2013	
SHEET: 10 OF: 10		