



US Army Corps
of Engineers
Seattle District



Joint Public Notice

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

US Army Corps of Engineers

Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone (206) 764-6911
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: July 9, 2012

Expiration Date: August 8, 2012

Reference No.: NWS-2009-556-DOT
Name: Washington State Dept. of
Transportation; US 101 Shore to
Kitchen Dick Road Project

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). The Corps Section 404 permit, if issued, will be valid for a 5-year period. 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: Washington State Dept. of Transportation
Post Office Box 47417
Olympia, Washington 98504-7417
ATTN: Mr. Jeff Sawyer
Telephone: (360) 570-6701

LOCATION: In wetlands, jurisdictional ditches, and West and East Owl Creeks, 3.5 miles west of Sequim, in Clallam County, Washington. The project will occur along United State Route (US) 101 between Sequim and Port Angeles.

WORK: The Washington State Department of Transportation (WSDOT) proposes to widen approximately 3.5 miles of US 101 from two lanes to four lanes from Shore Road to Kitchen Dick Road. The east and west bound lanes will be divided by a median which is a federal safety requirement for a rural expressway. The existing McDonald Creek Bridge will be demolished and replaced with a new bridge (all work at McDonald Creek is above the ordinary high water line).

The work will permanently fill 3.73 acres of wetland, and temporarily impact 0.79 acre of wetland. Impacts are primarily to Ecology wetland rating Category III wetlands. Other jurisdictional work includes impacts to 3485 square feet of West Owl Creek associated with the replacement of a culvert and creek realignment, and impacts to 517 square feet of East Owl Creek for creek realignment and for removal and replacement of a culvert which is a fish passage barrier. 1620 square feet of roadside jurisdictional ditches and 5021 square feet of an irrigation canal will be impacted by culvert extensions under the new highway, or filled and relocated adjacent to

the new highway alignment. The remaining irrigation ditches shown on the drawings are piped and will not be impacted by the project.

PURPOSE: Improve mobility and safety on US 101 between Shore Road and Kitchen Dick Road.

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 the 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 is proposing compensatory mitigation in Clallam County within the Lower Dungeness River Watershed. Mitigation will include 3.76 acres of wetland re-establishment, 12.08 acres of wetland enhancement, and wetland and riparian area preservation. Enhancement and creation of wetland buffers will also be included at this site. The Corps and Ecology have received a draft mitigation plan for review, but have not approved the proposed mitigation.

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 (USFWS) 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 Federal Highway Administration (FHWA), as the lead agency for ESA consultation, has completed consultation with the NMFS and the USFWS as required under Section 7 of the ESA for the project corridor. FHWA has determined that the project will have no effect on some species, and received concurrence from USFWS on September 23, 2010 that the project may affect but is not likely to adversely affect Coastal/Puget Sound bull trout and marbled murrelet, and concurrence from NMFS on October 20, 2010 that the project may affect but is not likely to adversely affect Puget Sound (PS) steelhead and PS Chinook Salmon. No designated critical habitat occurs for these species in the action area.

For work at the mitigation site, ESA consultation has not been completed. 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.

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 FHWA, as the lead agency for a determination regarding EFH, has consulted with NMFS. FHWA has determined that the project will have no adverse affect on EFH species. NMFS concurred with this determination on October 20, 2010. FHWA will need to consult with NMFS on EFH for the mitigation site.

CULTURAL RESOURCES: The FHWA, as the lead agency for determining compliance with Section 106 of the National Historic Preservation Act (NHPA), will consult with the Department of Archaeology and Historic Preservation (DAHP), affected tribes and interested parties as required under Section 106 of the NHPA.

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.

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; 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. Ecology will be considering all comments to determine whether to certify or deny certification for the proposed project.

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 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.

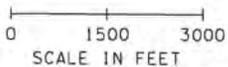
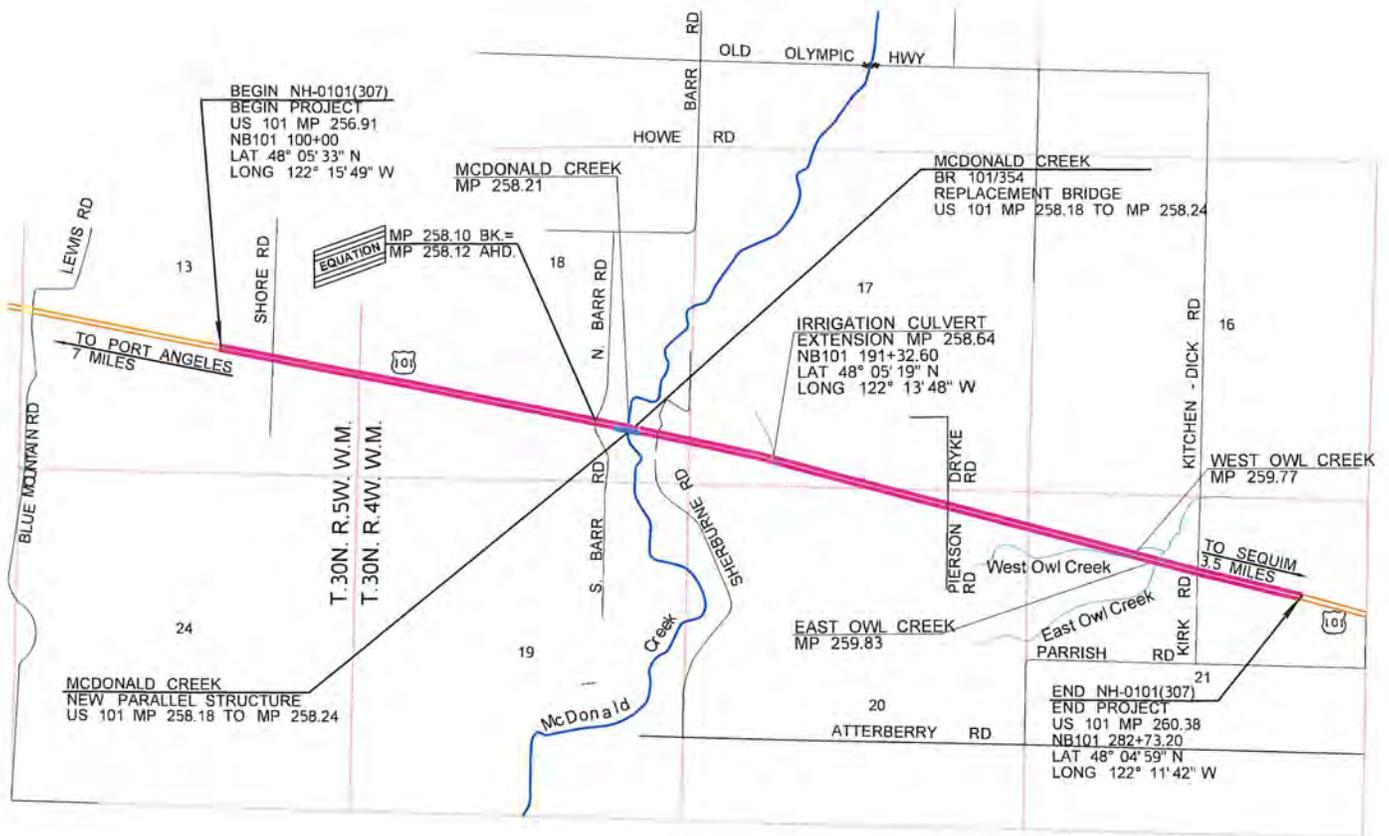
Corps comments: All e-mail comments should be sent to sandra.l.manning@usace.army.mil. Conventional mail comments should be sent to U.S. Army Corps of Engineers, Regulatory Branch, Attn: Ms. Sandra Manning, P.O. Box 3755, Seattle, Washington 98124-3755.

NWS-2009-1083

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, 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: Washington State Dept. of Transportation, NWS-2009-1083

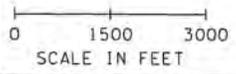
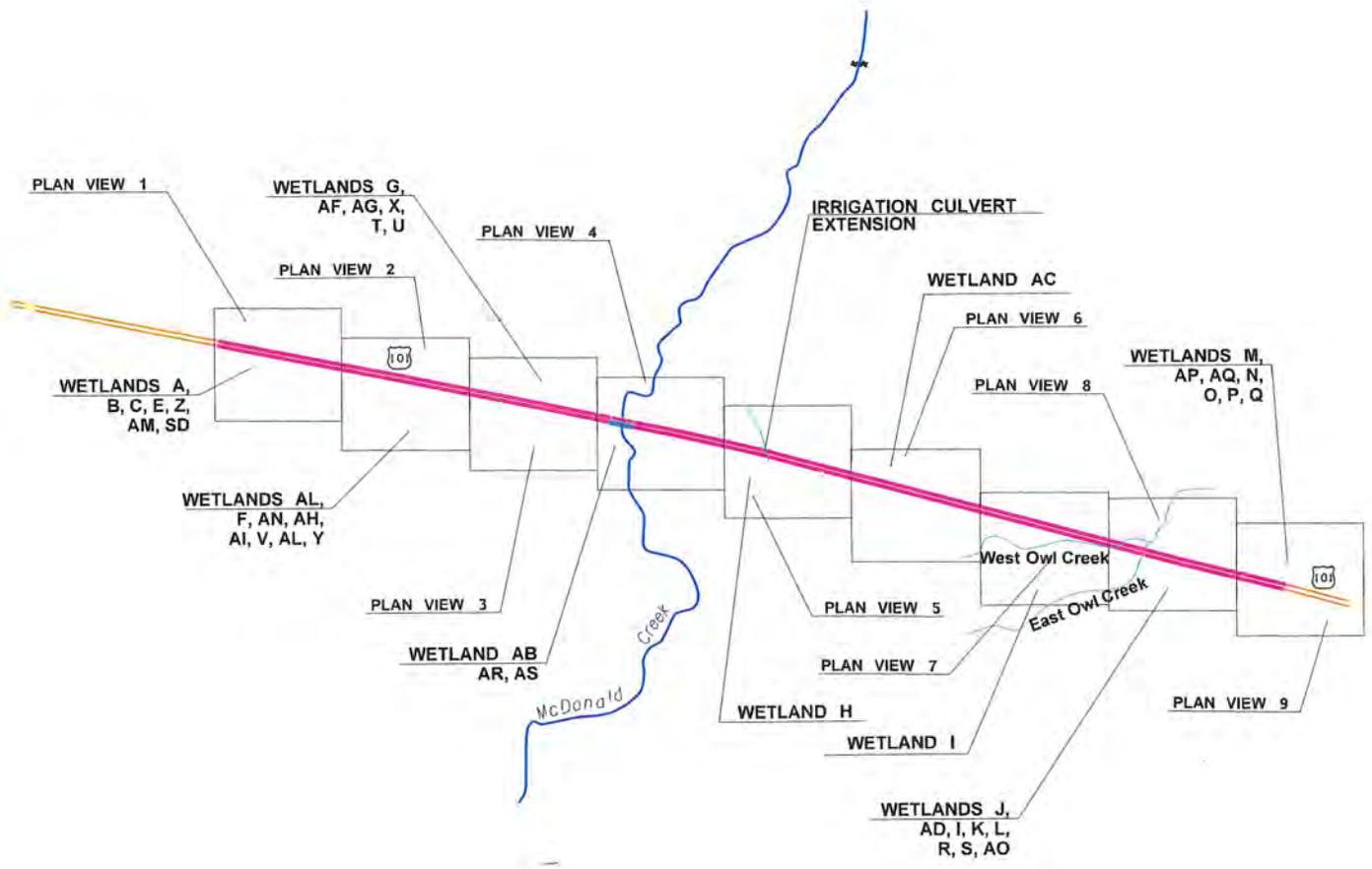
Encl: Figures (26)



PROJECT VICINITY MAP

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.5W. W.M. / T.30N. R.4W. W.M.	DATE: 6-13-2012





PLAN VIEW SHEETS KEY MAP

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.5W. W.M. / T.30N. R.4W. W.M.	DATE: 6-13-2012

**Washington State
Department of Transportation**

SHEET: 2 OF: 26

Wetland	Ecology Category	Buffer (Feet)	Permanent Wetland Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
A	III	75	1000	500	19.35	1.09	0.84	0.56	0.22	3%
B	IV	75	400	250	0.34	0.00	0.00	0.34	0.00	100%
C	III	75	250	5	0.09	0.00	0.00	0.09	0.00	100%
E	II	150	500	10	0.85	1.51	0.25	0.12	0.02	14%
F	III	75	1550	1	0.42	0.83	0.07	0.14	0.04	33%
G	III	75	1700	2150	1.50	0.56	0.05	0.78	0.10	52%
H	IV	75	1	750	0.55	0.44	0.09	0.12	0.06	22%
I	II	75	1	0	1.30	0.53	0.36	0.02	0.02	2%
J	II	75	40	0	0.19	0.05	0.33	0.02	0.03	11%
K	II	75	1	0	0.38	0.22	0.07	0.08	0.00	21%
L	III	75	0	0	0.30	0.00	0.00	0.00	0.00	0%
M	IV	75	0	0	0.40	0.00	0.00	0.00	0.00	0%
N	III	75	0	0	0.03	0.11	0.07	0.00	0.00	0%
O	II	75	0	0	0.04	0.11	0.02	0.00	0.00	0%
P	III	75	0	0	0.02	0.16	0.02	0.00	0.00	0%
Q	III	75	0	130	0.02	0.00	0.00	0.02	0.00	100%
R	III	75	24	2400	0.18	0.00	0.00	0.18	0.00	100%
S	III	75	6	1560	0.35	0.51	0.25	0.11	0.20	31%
T	II	75	0	0	0.88	0.00	0.00	0.00	0.00	0%
U	II	75	0	0	0.48	0.00	0.00	0.00	0.00	0%
V	IV	75	0	55	0.10	0.17	0.07	0.01	0.01	10%
X	III	75	0	1	0.21	0.04	0.07	0.01	0.00	5%
Y	II	75	0	0	1.83	0.00	0.00	0.00	0.00	0%
Z	III	75	0	0	1.42	0.00	0.00	0.00	0.00	0%
AB	III	75	0	1	0.04	0.20	0.06	0.01	0.00	25%
AC	II	75	1	0	3.02	1.54	0.78	0.01	0.02	0%
AD	IV	75	0	0	0.07	0.05	0.00	0.00	0.00	0%
AF	III	75	400	175	0.40	0.00	0.00	0.40	0.00	100%
AG	III	75	0	0	0.02	0.00	0.00	0.00	0.00	0%
AH	III	75	0	0	0.20	0.26	0.41	0.00	0.00	0%
AI	III	75	0	0	0.36	0.00	0.00	0.00	0.00	0%
AL	III	75	0	0	0.08	0.13	0.06	0.00	0.00	0%
AM	III	75	0	0	0.44	0.00	0.00	0.00	0.00	0%
AN	III	75	0	11	0.15	0.44	0.07	< 0.01	< 0.01	7%
AO	IV	75	0	0	1.34	0.00	0.00	0.00	0.00	0%
AP	IV	75	0	1350	0.17	0.00	0.00	0.17	0.00	100%
AQ	IV	75	0	0	0.07	0.02	0.27	0.00	0.00	0%
SD	IV	75	1	0	0.02	0.00	0.00	0.02	0.00	100%
AR	III	75	0	0	0.02	0.31	0.12	0.00	0.00	0%
AS	III	75	1758	228	0.46	0.60	0.21	0.21	0.06	46%
Total	-		7633	9577	38.09	9.88	4.54	3.43	0.79	

WETLAND IMPACT QUANTITIES

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
	DATE: 6-13-2012

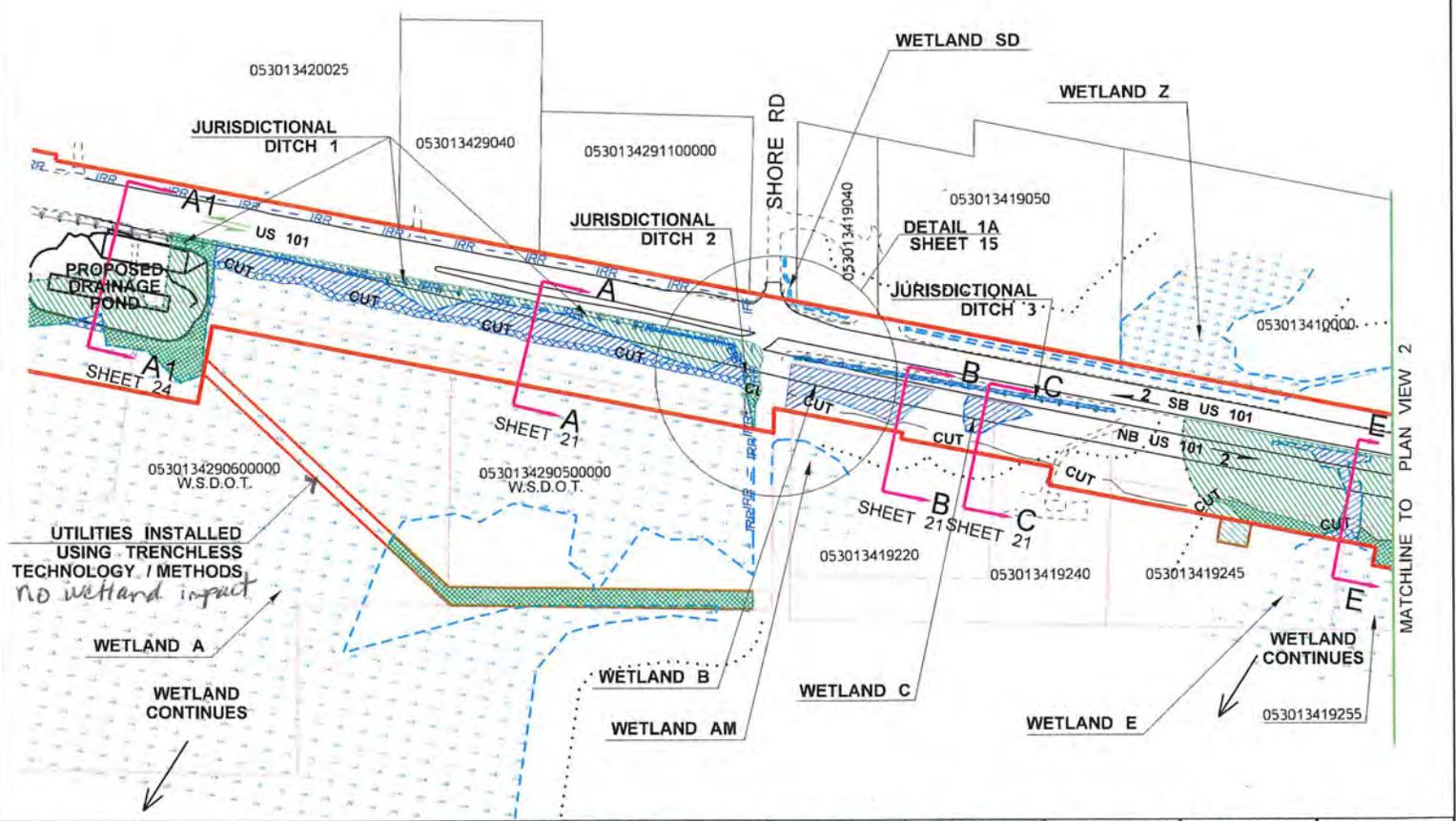


**Washington State
Department of Transportation**

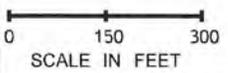
LEGEND

	WETLAND BOUNDARY		RIGHT OF WAY		IRRIGATION LINE (piped)
	WETLANDS		NEW EDGE OF PAVEMENT		PROPERTY LINE
	CUT LINE		EXISTING EDGE OF PAVEMENT		LARGE WOODY MATERIAL
	FILL LINE		STREAM / CREEK		WETLAND BUFFER
	PERMANENT WETLAND IMPACT		PERMANENT JURISDICTIONAL DITCH IMPACT		STREAM BUFFER
	TEMPORARY WETLAND IMPACT		PERMANENT WETLAND BUFFER IMPACT		OHW
			TEMPORARY WETLAND BUFFER IMPACT		

SEE SHT 21-24 OF 26 FOR WETLAND CROSS SECTIONS
 SEE SHT 3 OF 26 FOR WETLAND IMPACT QUANTITIES
 SEE SHT 24 OF 26 FOR JURISDICTIONAL DITCH IMPACT QUANTITIES



Wetland	Ecology Category	Buffer	Permanent Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
A	III	75	1000	500	19.35	1.09	0.84	0.56	0.22	3%
B	IV	75	400	250	0.34	0.00	0.00	0.34	0.00	100%
C	III	75	250	5	0.09	0.00	0.00	0.09	0.00	100%
E	II	150	500	10	0.85	1.51	0.25	0.12	0.02	14%
Z	III	75	0	0	1.42	0.00	0.00	0.00	0.00	0%
AM	III	75	0	0	0.44	0.00	0.00	0.00	0.00	0%
SD	IV	75	1	0	0.02	0.00	0.00	0.02	0.00	100%
Total	-		2151	765	22.51	2.60	1.09	1.13	0.24	



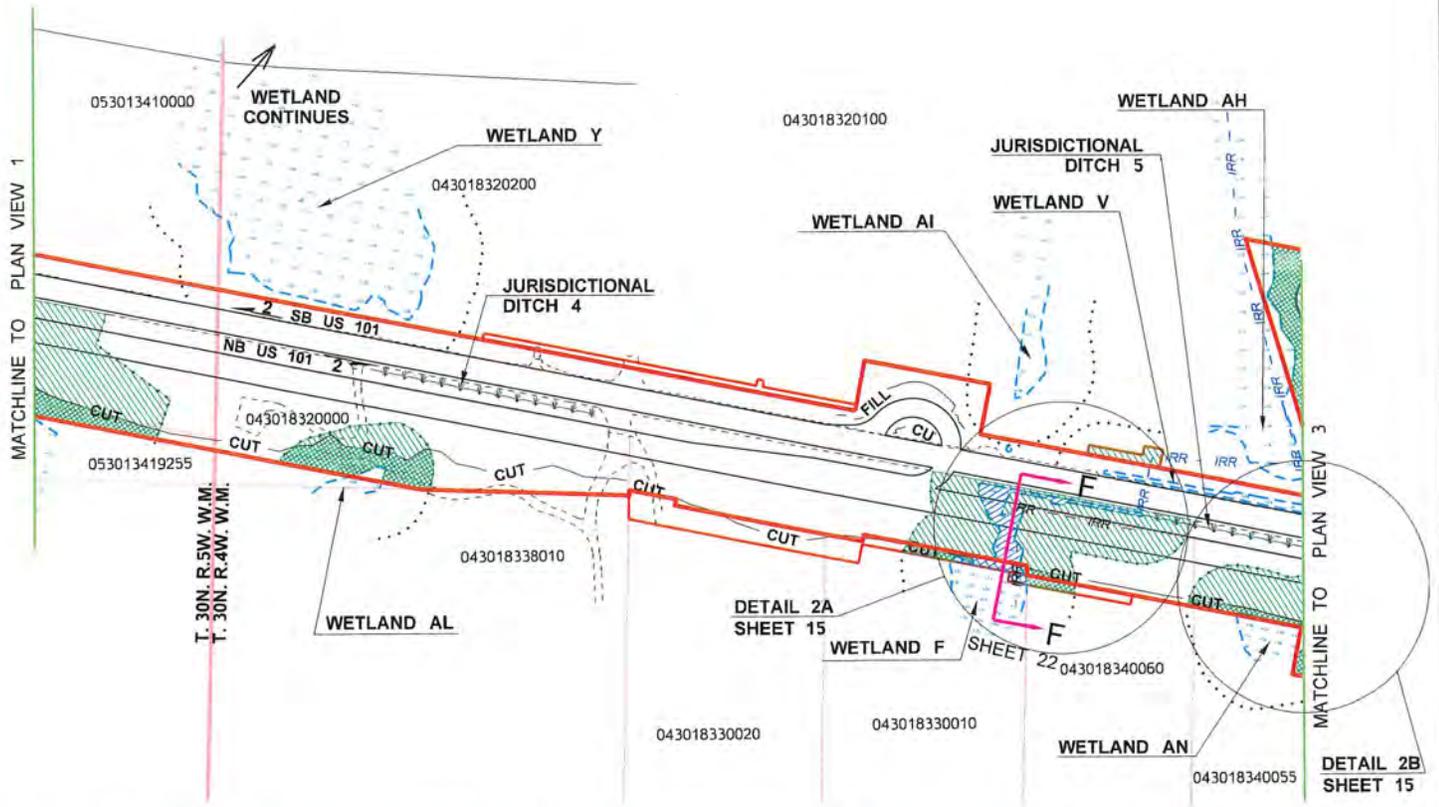
(WIDENING TO THE SOUTH SIDE)
 PLAN VIEW 1

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT	 Washington State Department of Transportation
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.	
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA	
DATUM: 1988 NAVD	NEAR: SEQUIM	
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA	
T.30N. R.5W. W.M.	DATE: 6-13-2012	
		SHEET: 4 OF: 26

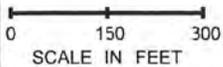
LEGEND

	WETLAND BOUNDARY		RIGHT OF WAY		IRRIGATION LINE
	WETLANDS		NEW EDGE OF PAVEMENT		PROPERTY LINE
	CUT LINE		EXISTING EDGE OF PAVEMENT		LARGE WOODY MATERIAL
	FILL LINE		STREAM / CREEK		WETLAND BUFFER
	PERMANENT WETLAND IMPACT		PERMANENT JURISDICTIONAL DITCH IMPACT		STREAM BUFFER
	TEMPORARY WETLAND IMPACT		PERMANENT WETLAND BUFFER IMPACT		ORDINARY HIGH WATER
	TEMPORARY WETLAND IMPACT		TEMPORARY WETLAND BUFFER IMPACT		

SEE SHT 21-24 OF 26 FOR WETLAND CROSS SECTIONS
 SEE SHT 3 OF 26 FOR WETLAND IMPACT QUANTITIES
 SEE SHT 24 OF 26 FOR JURISDICTIONAL DITCH IMPACT QUANTITIES



Wetland	Ecology Category	Buffer	Permanent Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
F	III	75	1550	1	0.42	0.83	0.07	0.14	0.04	33%
V	IV	75	0	55	0.10	0.17	0.07	0.01	0.01	10%
Y	II	75	0	0	1.83	0.00	0.00	0.00	0.00	0%
AH	III	75	0	0	0.20	0.26	0.41	0.00	0.00	0%
AI	III	75	0	0	0.36	0.00	0.00	0.00	0.00	0%
AL	III	75	0	0	0.08	0.13	0.06	0.00	0.00	0%
AN	III	75	0	11	0.15	0.44	0.07	< 0.01	< 0.01	7%
Total	-		1550.00	67.00	3.14	1.83	0.68	0.16	0.06	



(WIDENING TO THE SOUTH SIDE)

PLAN VIEW 2

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.5W. W.M.	DATE: 6-13-2012

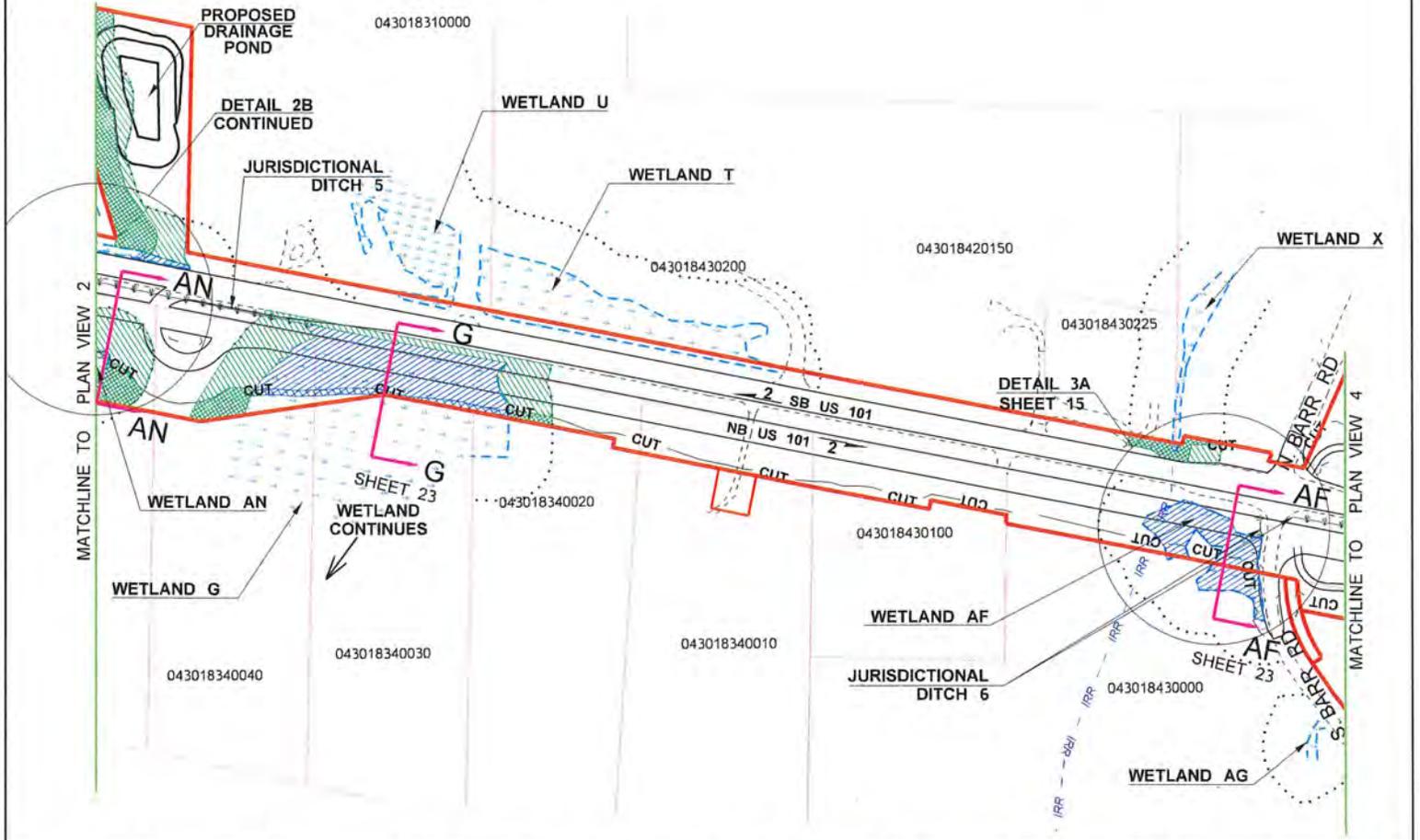
Washington State
Department of Transportation

SHEET: 5 OF: 26

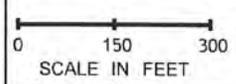
LEGEND

	WETLAND BOUNDARY		RIGHT OF WAY		IRRIGATION LINE
	WETLANDS		NEW EDGE OF PAVEMENT		PROPERTY LINE
	CUT LINE		EXISTING EDGE OF PAVEMENT		LARGE WOODY MATERIAL
	FILL LINE		STREAM / CREEK		WETLAND BUFFER
	PERMANENT WETLAND IMPACT		PERMANENT JURISDICTIONAL DITCH IMPACT		STREAM BUFFER
	TEMPORARY WETLAND IMPACT		PERMANENT WETLAND BUFFER IMPACT		ORDINARY HIGH WATER
			TEMPORARY WETLAND BUFFER IMPACT		

SEE SHT 21-24 OF 26 FOR WETLAND CROSS SECTIONS
 SEE SHT 3 OF 26 FOR WETLAND IMPACT QUANTITIES
 SEE SHT 24 OF 26 FOR JURISDICTIONAL DITCH IMPACT QUANTITIES



Wetland	Ecology Category	Buffer	Permanent Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
G	III	75	1700	2150	1.50	0.56	0.05	0.78	0.10	52%
T	II	75	0	0	0.88	0.00	0.00	0.00	0.00	0%
U	II	75	0	0	0.48	0.00	0.00	0.00	0.00	0%
X	III	75	0	1	0.21	0.04	0.07	0.01	0.00	5%
AF	III	75	400	175	0.40	0.00	0.00	0.40	0.00	100%
AG	III	75	0	0	0.02	0.00	0.00	0.00	0.00	0%
Total	-	-	2100	2326	3.49	0.60	0.12	1.19	0.10	



(WIDENING TO THE SOUTH SIDE)

PLAN VIEW 3

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.	DATE: 6-13-2012

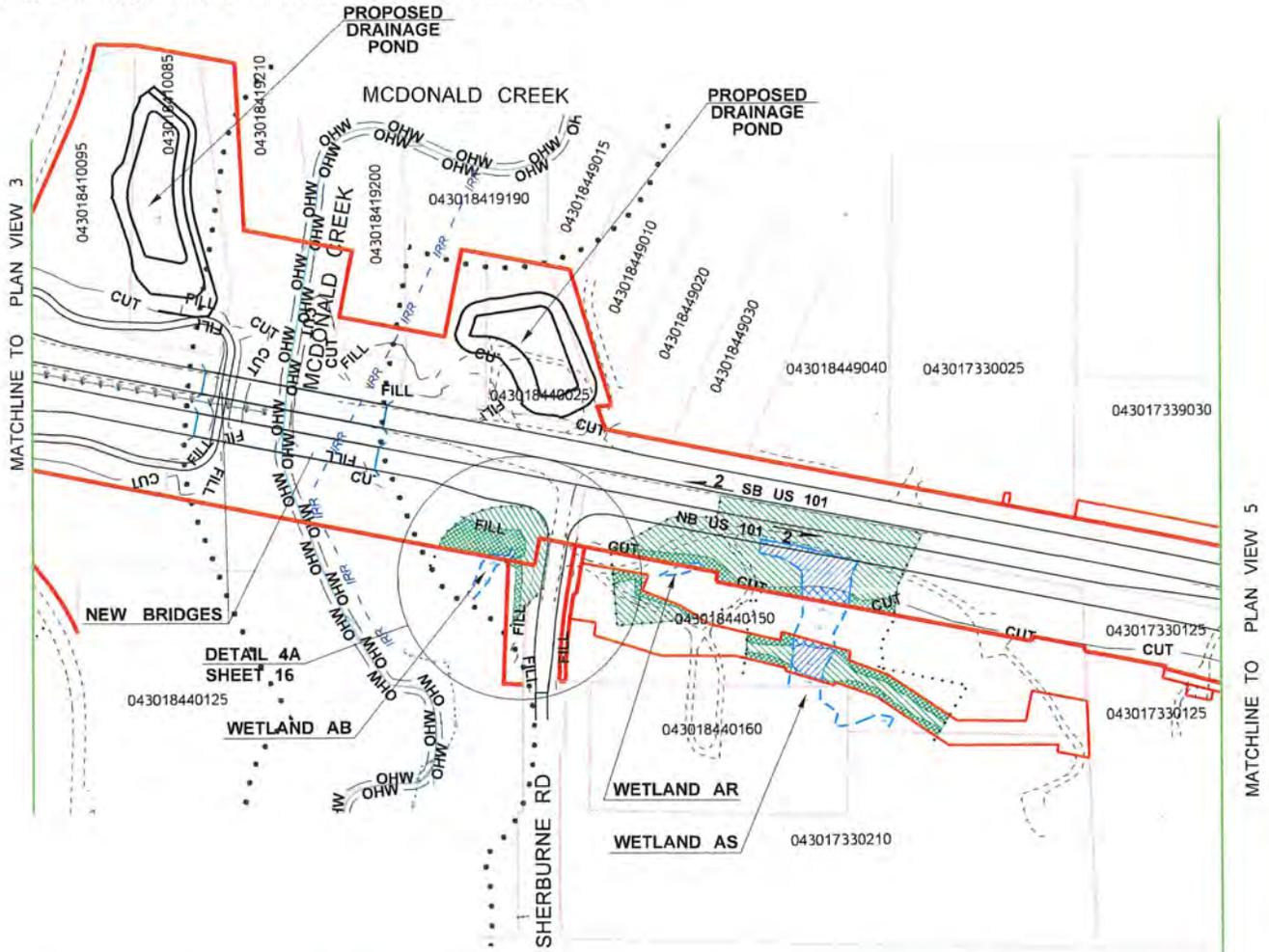
Washington State
Department of Transportation

SHEET: 6 OF: 26

LEGEND

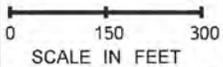
	WETLAND BOUNDARY		RIGHT OF WAY		IRRIGATION LINE
	WETLANDS		NEW EDGE OF PAVEMENT		PROPERTY LINE
	CUT LINE		EXISTING EDGE OF PAVEMENT		LARGE WOODY MATERIAL
	FILL LINE		STREAM / CREEK		WETLAND BUFFER
	PERMANENT WETLAND IMPACT		PERMANENT JURISDICTIONAL DITCH IMPACT		STREAM BUFFER
	TEMPORARY WETLAND IMPACT		PERMANENT WETLAND BUFFER IMPACT		ORDINARY HIGH WATER
	TEMPORARY WETLAND IMPACT		TEMPORARY WETLAND BUFFER IMPACT		

SEE SHT 21-24 OF 26 FOR WETLAND CROSS SECTIONS
 SEE SHT 3 OF 26 FOR WETLAND IMPACT QUANTITIES
 SEE SHT 24 OF 26 FOR JURISDICTIONAL DITCH IMPACT QUANTITIES
 SEE SHTS 25 AND 26 OF 26 FOR McDONALD CREEK BRIDGE DETAILS



Wetland	Ecology Category	Buffer	Permanent Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
AB	III	75	0	1	0.04	0.20	0.06	0.01	0.00	25%
AR	III	75	0	0	0	0.31	0.12	0.00	0.00	0%
AS	III	75	1758	228	0	0.60	0.21	0.21	0.06	46%
Total					0.04	1.11	0.39	0.22	0.06	

(WIDENING TO THE SOUTH SIDE)



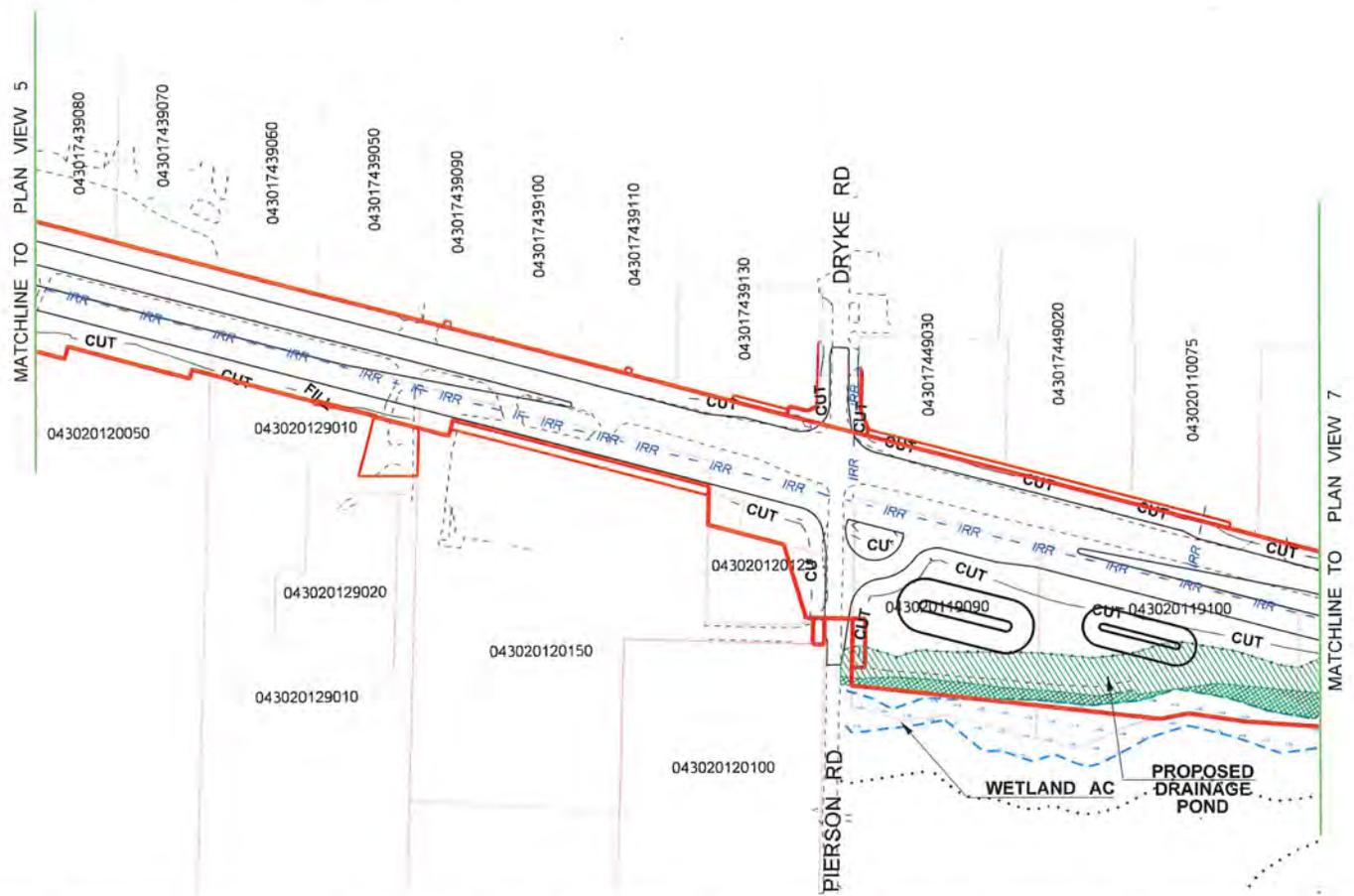
PLAN VIEW 4

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT	<p>Washington State Department of Transportation</p>
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.	
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA	
DATUM: 1988 NAVD	NEAR: SEQUIM	
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA	
T.30N. R.4W. W.M.	DATE: 6-13-2012	
		SHEET: 7 OF: 26

LEGEND

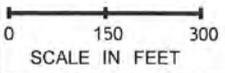
	WETLAND BOUNDARY		RIGHT OF WAY		IRRIGATION LINE
	WETLANDS		NEW EDGE OF PAVEMENT		PROPERTY LINE
	CUT LINE		EXISTING EDGE OF PAVEMENT		LARGE WOODY MATERIAL
	FILL LINE		STREAM / CREEK		WETLAND BUFFER
	PERMANENT WETLAND IMPACT		PERMANENT JURISDICTIONAL DITCH IMPACT		STREAM BUFFER
	TEMPORARY WETLAND IMPACT		PERMANENT WETLAND BUFFER IMPACT		ORDINARY HIGH WATER
	TEMPORARY WETLAND IMPACT		TEMPORARY WETLAND BUFFER IMPACT		

SEE SHT 21-24 OF 26 FOR WETLAND CROSS SECTIONS
 SEE SHT 3 OF 26 FOR WETLAND IMPACT QUANTITIES
 SEE SHT 24 OF 26 FOR JURISDICTIONAL DITCH IMPACT QUANTITIES



Wetland	Ecology Category	Buffer	Permanent Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
AC	II	75	1	0	3.02	1.54	0.78	0.01	0.02	0%
Total	-		1	0	3.02	1.54	0.78	0.01	0.02	

see sheet 10



(WIDENING TO THE SOUTH SIDE)

PLAN VIEW 6

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.	DATE: 6-13-2012

Washington State
Department of Transportation

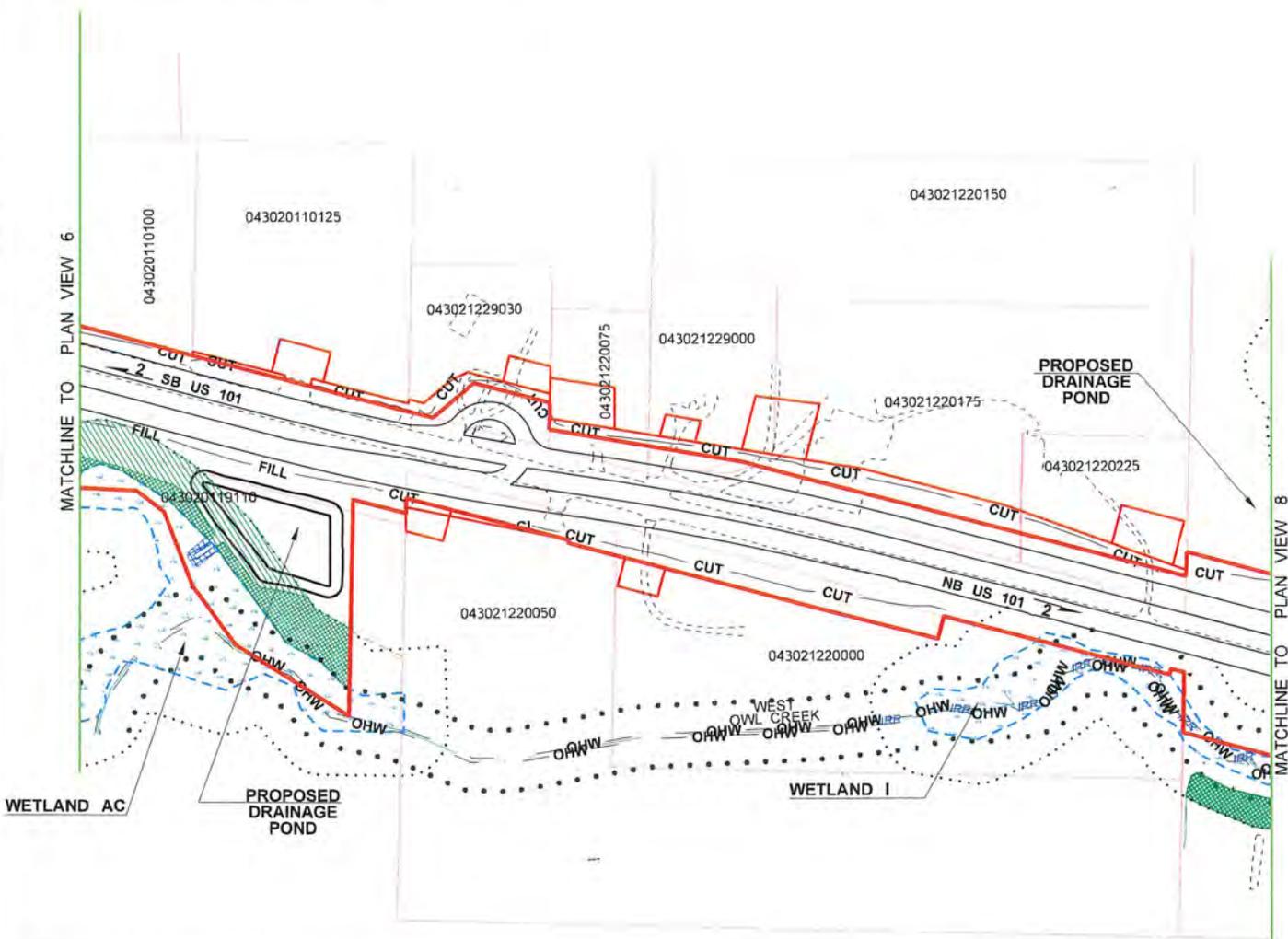
SHEET: 9 OF: 26

LEGEND

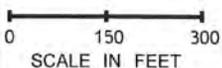
<p>WETLAND BOUNDARY</p> <p>WETLANDS</p> <p>CUT CUT LINE</p> <p>FILL FILL LINE</p> <p>PERMANENT WETLAND IMPACT</p> <p>TEMPORARY WETLAND IMPACT</p>	<p>RIGHT OF WAY</p> <p>NEW EDGE OF PAVEMENT</p> <p>EXISTING EDGE OF PAVEMENT</p> <p>STREAM / CREEK</p> <p>PERMANENT JURISDICTIONAL DITCH IMPACT</p> <p>PERMANENT WETLAND BUFFER IMPACT</p> <p>TEMPORARY WETLAND BUFFER IMPACT</p>	<p>IRRIGATION LINE</p> <p>PROPERTY LINE</p> <p>LARGE WOODY MATERIAL</p> <p>WETLAND BUFFER</p> <p>STREAM BUFFER</p> <p>ORDINARY HIGH WATER</p>
---	---	---



SEE SHT 21-24 OF 26 FOR WETLAND CROSS SECTIONS
 SEE SHT 3 OF 26 FOR WETLAND IMPACT QUANTITIES
 SEE SHT 24 OF 26 FOR JURISDICTIONAL DITCH IMPACT QUANTITIES



Wetland	Ecology Category	Buffer	Permanent Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
I	II	75	1	0	1.30	0.53	0.36	0.02	0.02	2%
Total	-		1	0	1.30	0.53	0.36	0.02	0.02	



(WIDENING SHIFTING TO THE NORTH SIDE)

PLAN VIEW 7

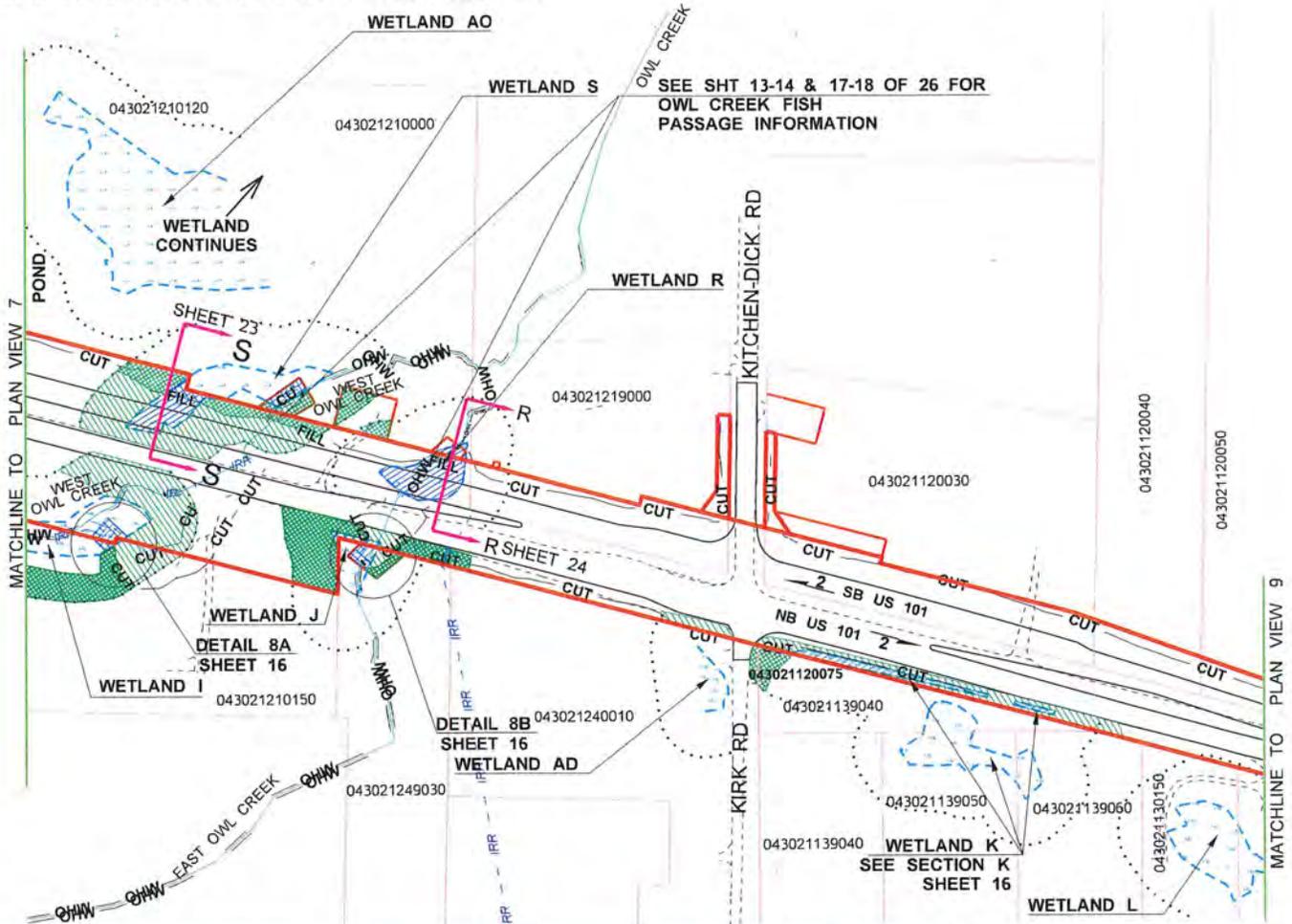
PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.	DATE: 6-13-2012

**Washington State
Department of Transportation**

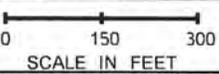
LEGEND

	WETLAND BOUNDARY		RIGHT OF WAY		IRRIGATION LINE
	WETLANDS		NEW EDGE OF PAVEMENT		PROPERTY LINE
	CUT LINE		EXISTING EDGE OF PAVEMENT		LARGE WOODY MATERIAL
	FILL LINE		STREAM / CREEK		WETLAND BUFFER
	PERMANENT WETLAND IMPACT		PERMANENT JURISDICTIONAL DITCH IMPACT		STREAM BUFFER
	PERMANENT WETLAND BUFFER IMPACT		PERMANENT WETLAND BUFFER IMPACT		ORDINARY HIGH WATER
	TEMPORARY WETLAND IMPACT		TEMPORARY WETLAND BUFFER IMPACT		

SEE SHT 21-24 OF 26 FOR WETLAND CROSS SECTIONS
SEE SHT 24 OF 26 FOR JURISDICTIONAL DITCH IMPACT QUANTITIES



Wetland	Ecology Category	Buffer	Permanent Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
J	II	75	40	0	0.19	0.05	0.33	0.02	0.03	11%
K	II	75	1	0	0.38	0.22	0.07	0.08	0.00	21%
L	III	75	0	0	0.30	0.00	0.00	0.00	0.00	0%
R	III	75	24	2400	0.18	0.00	0.00	0.18	0.00	100%
S	III	75	6	1560	0.35	0.51	0.25	0.11	0.20	31%
AD	IV	75	0	0	0.07	0.05	0.00	0.00	0.00	0%
AO	IV	75	0	0	1.34	0.00	0.00	0.00	0.00	0%
Total	-	-	71	3960	2.81	0.83	0.65	0.39	0.23	



(WIDENING TO THE NORTH SIDE)

PLAN VIEW 8

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.	DATE: 6-13-2012

Washington State
Department of Transportation

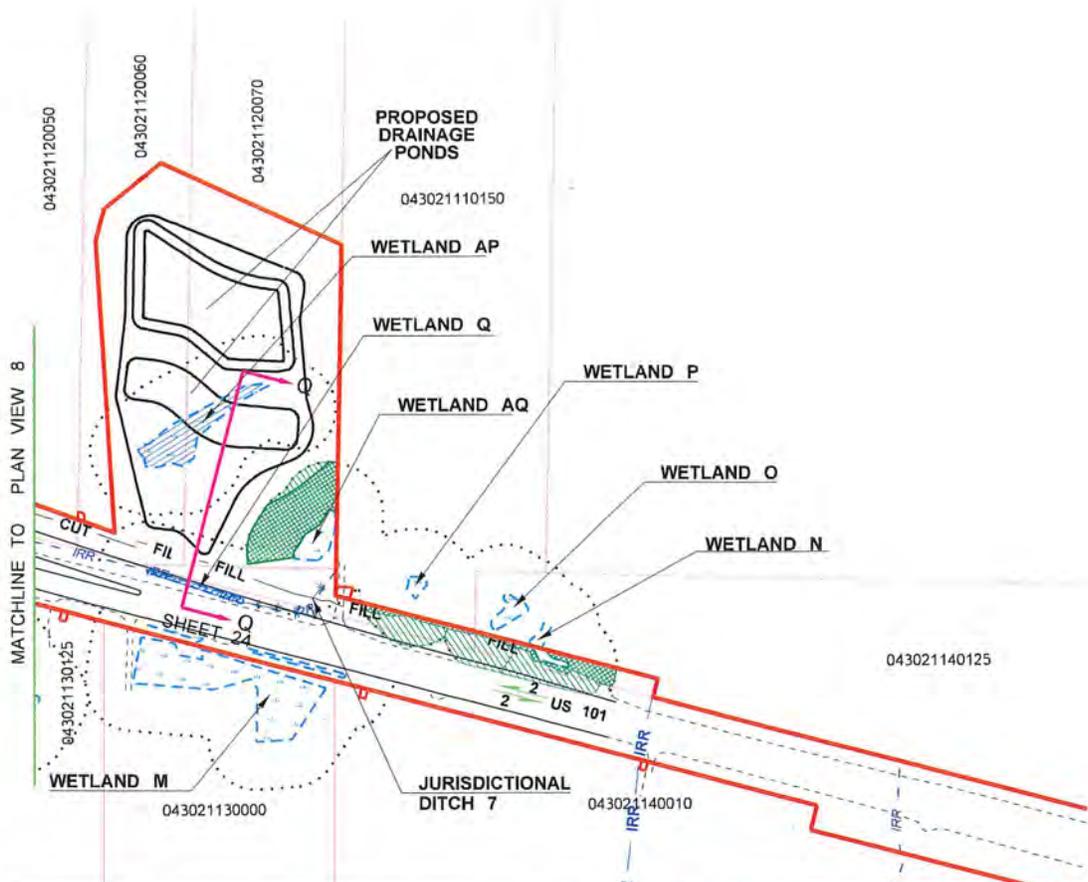
SHEET: 11 OF: 26

LEGEND

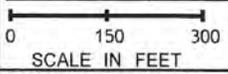
	WETLAND BOUNDARY		RIGHT OF WAY		IRRIGATION LINE
	WETLANDS		NEW EDGE OF PAVEMENT		PROPERTY LINE
	CUT LINE		EXISTING EDGE OF PAVEMENT		LARGE WOODY MATERIAL
	FILL LINE		STREAM / CREEK		WETLAND BUFFER
	PERMANENT WETLAND IMPACT		PERMANENT JURISDICTIONAL DITCH IMPACT		STREAM BUFFER
	TEMPORARY WETLAND IMPACT		PERMANENT WETLAND BUFFER IMPACT		ORDINARY HIGH WATER
	TEMPORARY WETLAND IMPACT		TEMPORARY WETLAND BUFFER IMPACT		



SEE SHT 21-24 OF 26 FOR WETLAND CROSS SECTIONS
 SEE SHT 3 OF 26 FOR WETLAND IMPACT QUANTITIES
 SEE SHT 24 OF 26 FOR JURISDICTIONAL DITCH IMPACT QUANTITIES



Wetland	Ecology Category	Buffer	Permanent Impacts Volumes (CY)		Total Area (Ac.)	Permanent Buffer Impacts (Ac.)	Temporary Buffer Impacts (Ac.)	Permanent Wetland Impacts (Ac.)	Temporary Wetland Impacts (Ac.)	Percent of Permanent Wetland Impact
			Cut	Fill						
M	IV	75	0	0	0.40	0.00	0.00	0.00	0.00	0%
N	III	75	0	0	0.03	0.11	0.07	0.00	0.00	0%
O	II	75	0	0	0.04	0.11	0.02	0.00	0.00	0%
P	III	75	0	0	0.02	0.16	0.02	0.00	0.00	0%
Q	III	75	0	130	0.02	0.00	0.00	0.02	0.00	100%
AP	IV	75	0	1350	0.17	0.00	0.00	0.17	0.00	100%
AQ	IV	75	0	0	0.07	0.02	0.27	0.00	0.00	0%
Total	-	-	0	1480	0.75	0.40	0.38	0.19	0.00	



PLAN VIEW 9

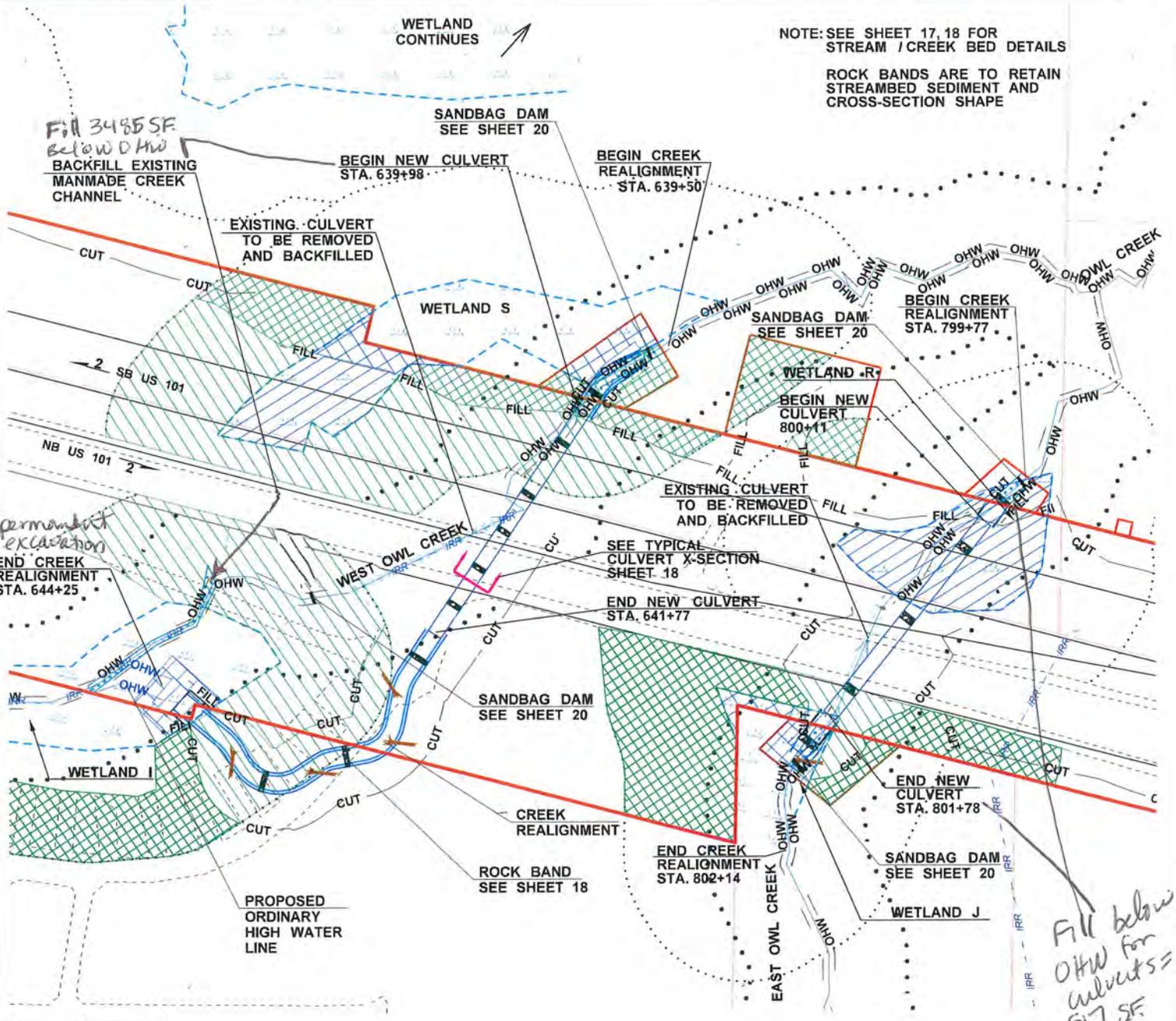
PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.	DATE: 6-13-2012

Washington State Department of Transportation

SHEET: 12 OF: 26

LEGEND

- WETLAND BOUNDARY
- WETLANDS
- RIGHT OF WAY
- NEW EDGE OF PAVEMENT
- EXISTING EDGE OF PAVEMENT
- STREAM / CREEK
- PERMANENT WETLAND BUFFER IMPACT
- TEMPORARY WETLAND BUFFER IMPACT
- IRRIGATION LINE
- PROPERTY LINE
- LARGE WOODY MATERIAL
- WETLAND BUFFER
- STREAM BUFFER
- ORDINARY HIGH WATER
- ROCK BAND
- EXISTING CULVERT
- PROPOSED CULVERT
- STREAM REALIGNMENT
- CUT LINE
- FILL LINE
- PERMANENT WETLAND IMPACT
- TEMPORARY WETLAND IMPACT
- PERMANENT JURISDICTIONAL DITCH IMPACT



OWL CREEK FISH PASSAGE STRUCTURES

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.	DATE: 6-13-2012

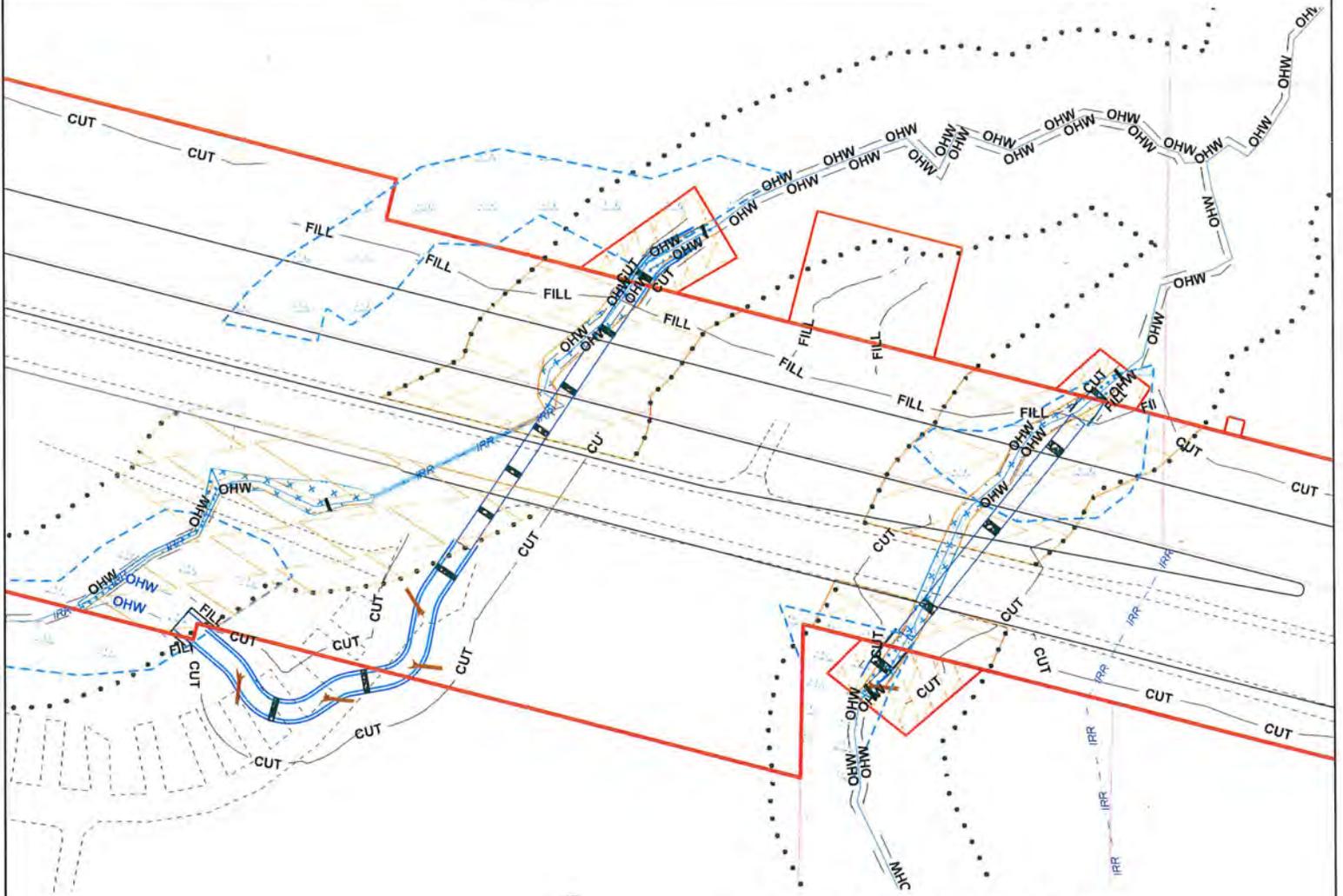


Washington State
Department of Transportation

SHEET: 13 OF: 26

LEGEND

-  WETLAND BOUNDARY
-  WETLANDS
-  CUT LINE
-  FILL LINE
-  PERMANENT STREAM IMPACT
-  TEMPORARY STREAM IMPACT
-  RIGHT OF WAY
-  NEW EDGE OF PAVEMENT
-  EXISTING EDGE OF PAVEMENT
-  STREAM / CREEK
-  JURISDICTIONAL DITCH
-  PERMANENT STREAM BUFFER IMPACT
-  TEMPORARY STREAM BUFFER IMPACT
-  IRRIGATION LINE
-  PROPERTY LINE
-  LARGE WOODY MATERIAL
-  ORDINARY HIGH WATER LINE
-  STREAM BUFFER
-  ROCK BAND
-  EXISTING CULVERT
-  PROPOSED CULVERT
-  STREAM REALIGNMENT

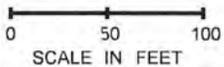


PERMANENT IMPACT WITHIN ORDINARY HIGH WATER QUANTITIES

LOCATION:	ITEM:	QUANTITY:
WEST OWL CREEK	FILL	415 C.Y.
WEST OWL CREEK	STREAM / CREEK BED GRAVELS	553 C.Y.
EAST OWL CREEK	FILL	31 C.Y.
EAST OWL CREEK	STREAM / CREEK BED GRAVELS	312 C.Y.

PERMANENT STREAM / STREAM BUFFER IMPACT QUANTITIES

LOCATION:	PERMANENT STREAM IMPACT	TEMPORARY STREAM IMPACT	PERMANENT STREAM BUFFER IMPACT	TEMPORARY STREAM BUFFER IMPACT
WEST OWL CREEK	325 L.F. / 2750 S.F.	173 L.F. / 735 S.F.	862 S.F.	1515 S.F.
EAST OWL CREEK	200 L.F. / 425 S.F.	35 L.F. / 92 S.F.	1076 S.F.	580 S.F.



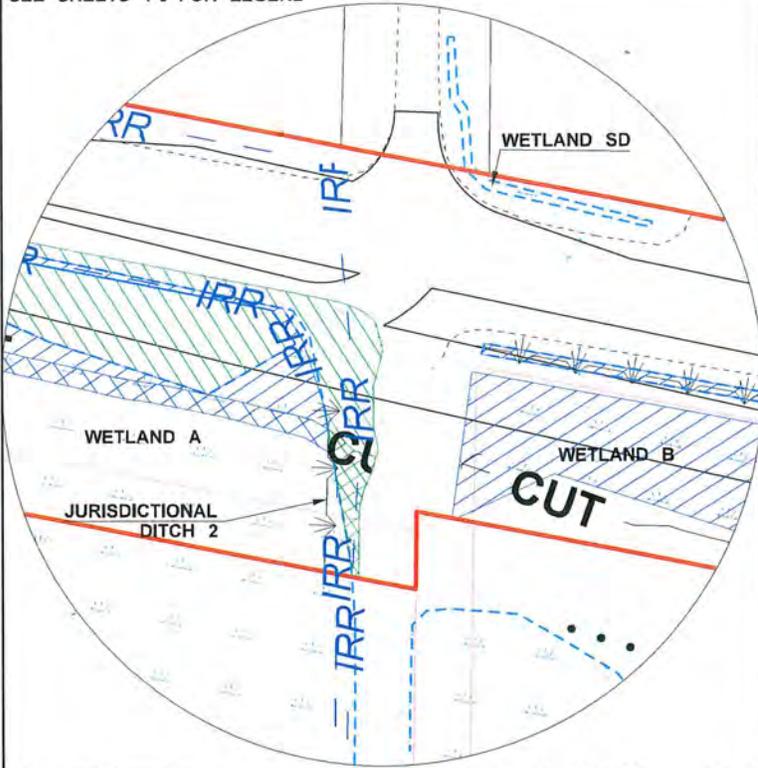
STREAM IMPACTS

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
DATE: 6-13-2012	



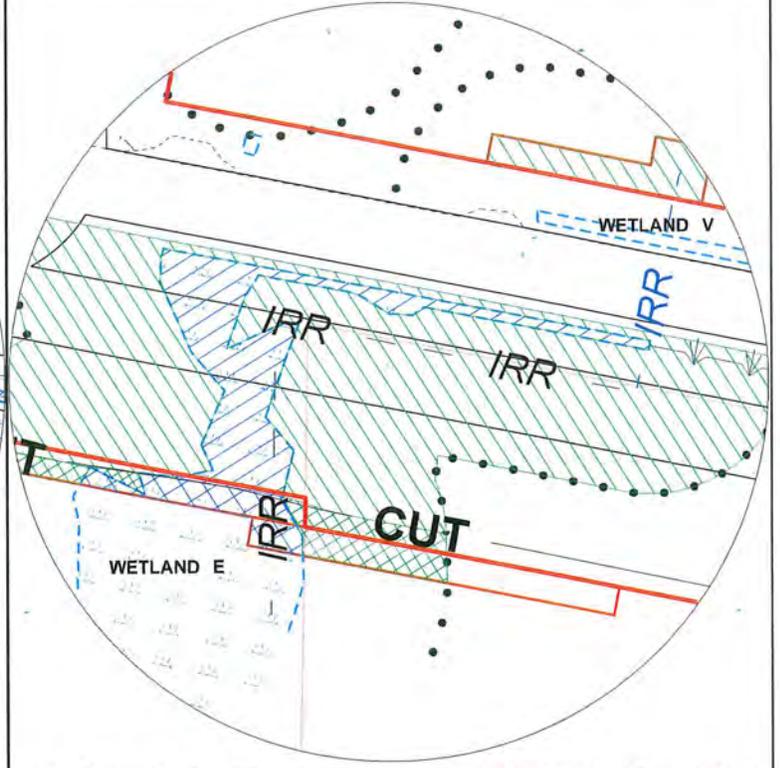
Washington State
Department of Transportation

SEE SHEETS 1-9 FOR LEGEND



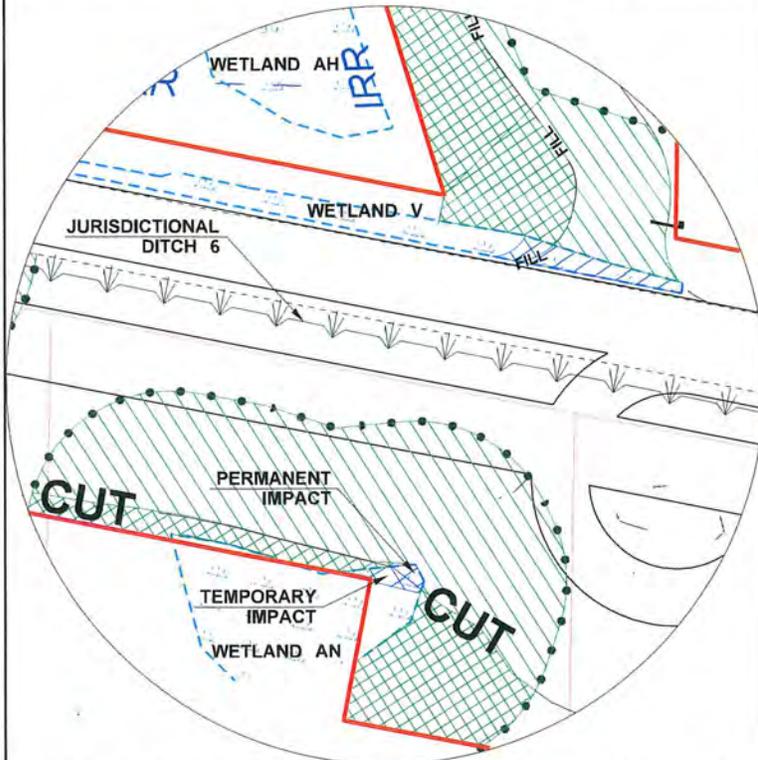
SHEET 4

DETAIL 1A



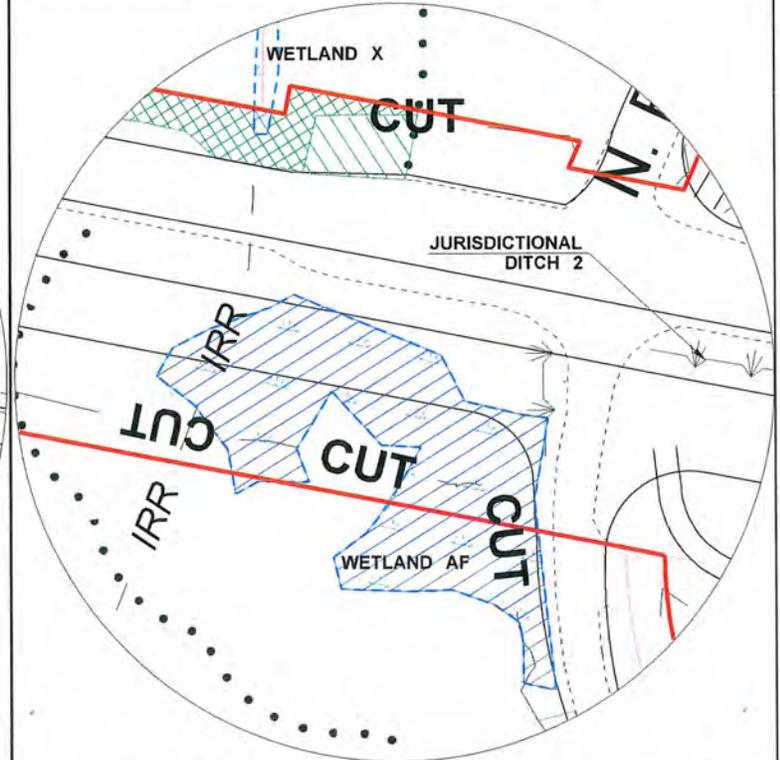
SHEET 5

DETAIL 2A



SHEET 5

DETAIL 2B



SHEET 6

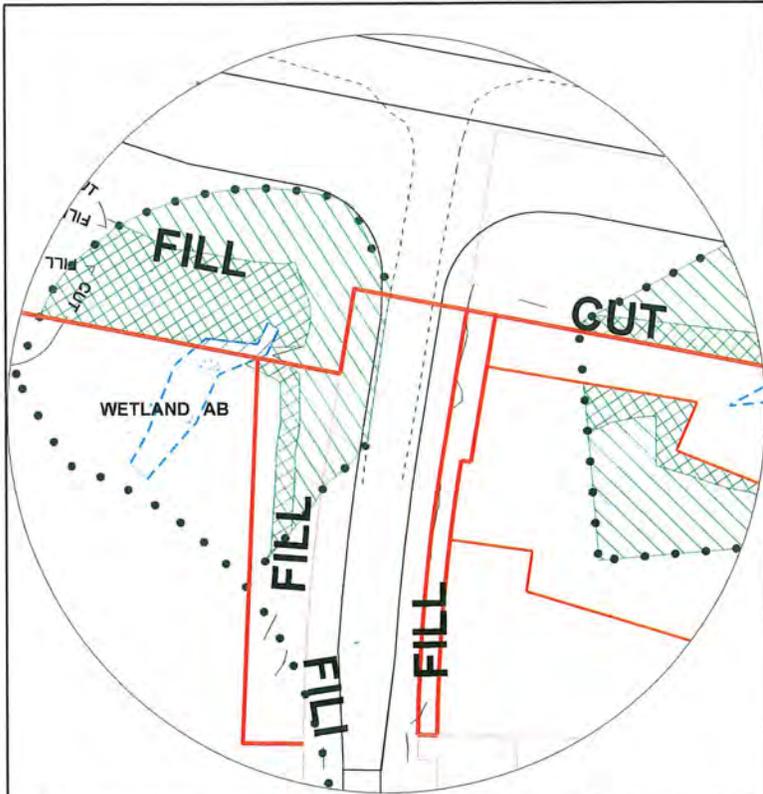
DETAIL 3A

PURPOSE:	IMPROVE MOBILITY	REFERENCE:	NWS-2009-556-DOT
PROPOSED:	TWO ADDITIONAL LANES	APPLICANT:	W.S.D.O.T.
LOCATION:	US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY:	CLALLAM COUNTY STATE: WA
DATUM:	1988 NAVD	NEAR:	SEQUIM
ADJACENT PROPERTY OWNERS:	LIST ATTACHED	WATER BODY:	STRAIT OF JUAN DE FUCA
		DATE:	6-13-2012



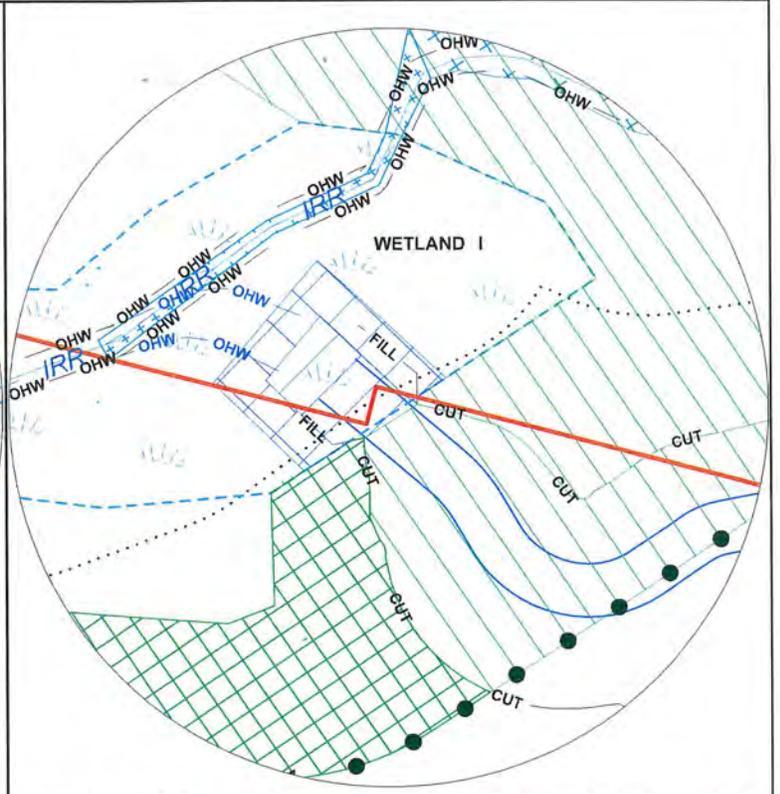
**Washington State
Department of Transportation**

SHEET: 15 OF: 26



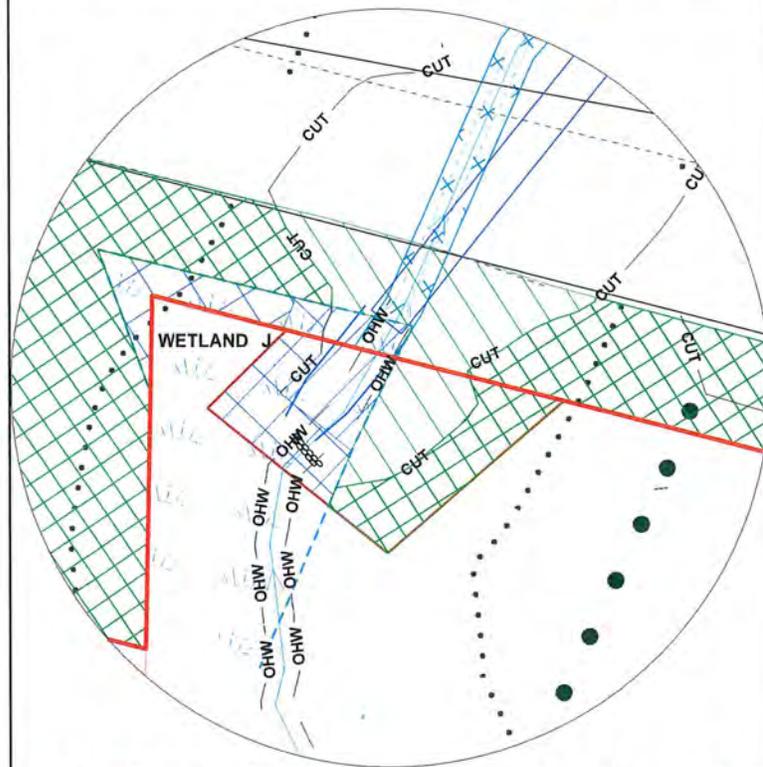
SHEET 7

DETAIL 4A



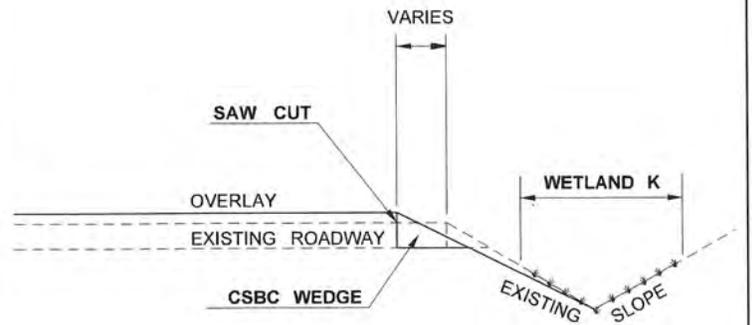
SHEET 11

DETAIL 8A



SHEET 11

DETAIL 8B SHEET 11



SECTION K

STA. 260+75 TO STA. 265+00

PURPOSE: IMPROVE MOBILITY
 PROPOSED: TWO ADDITIONAL LANES
 LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.
 DATUM: 1988 NAVD
 ADJACENT PROPERTY OWNERS: LIST ATTACHED

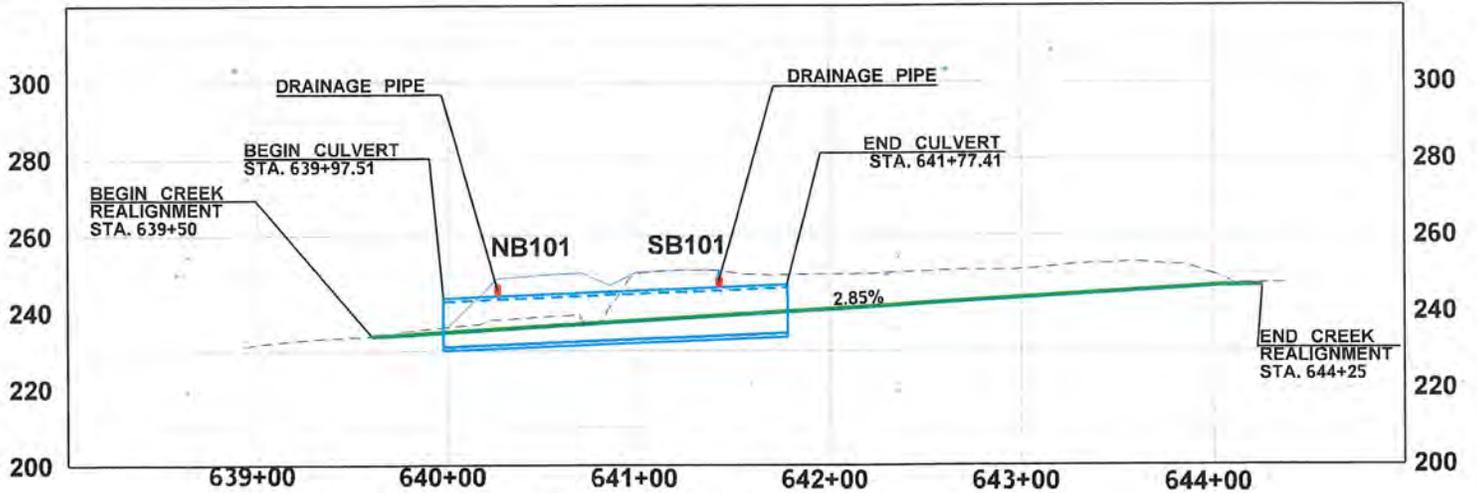
REFERENCE: NWS-2009-556-DOT
 APPLICANT: W.S.D.O.T.
 COUNTY: CLALLAM COUNTY STATE: WA
 NEAR: SEQUIM
 WATER BODY: STRAIT OF JUAN DE FUCA

DATE: 6-13-2012

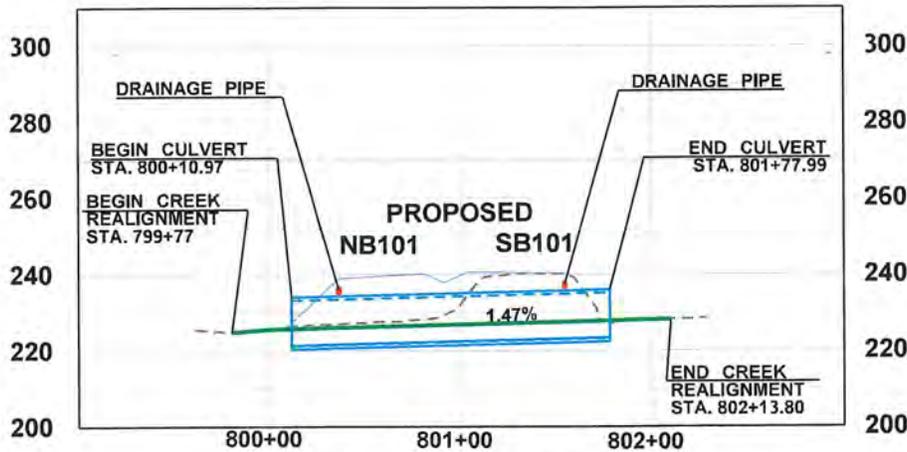


**Washington State
 Department of Transportation**

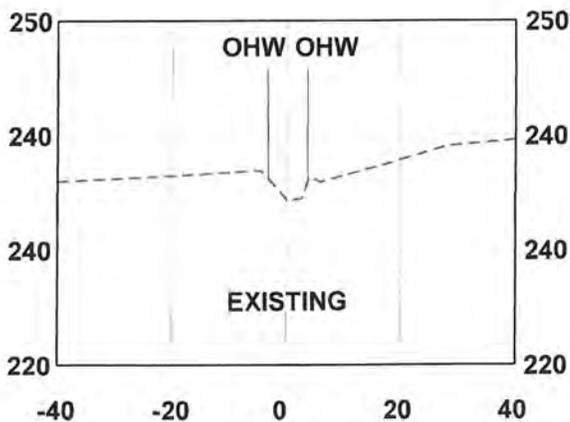
SHEET: 16 OF: 26



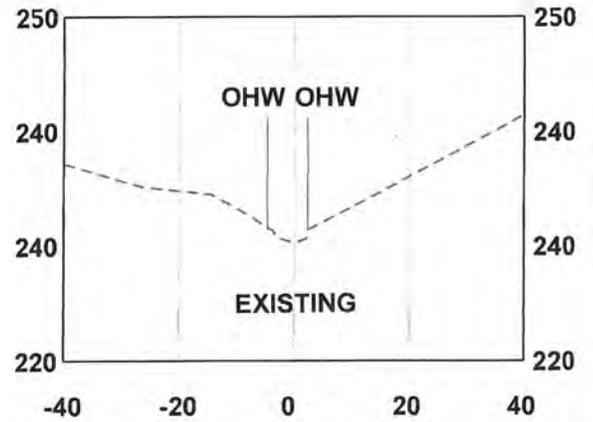
WEST OWL CREEK PROFILE



EAST OWL CREEK PROFILE



TYPICAL SECTION - OWL CREEK WEST



TYPICAL SECTION - OWL CREEK EAST

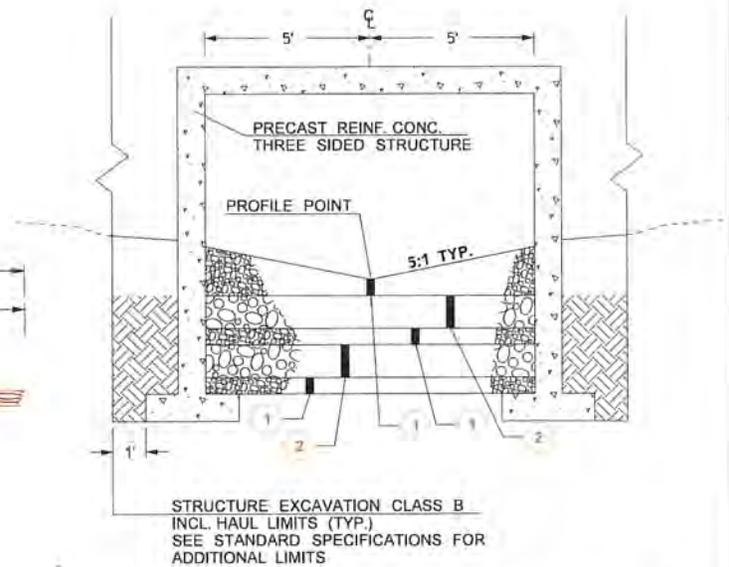
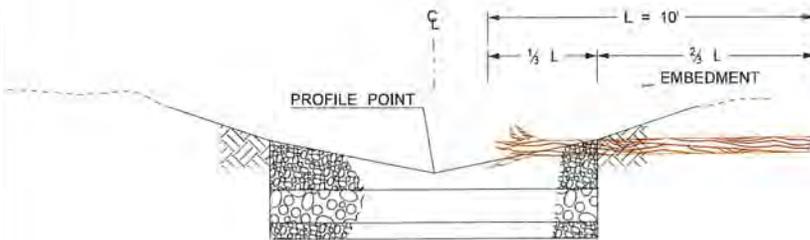
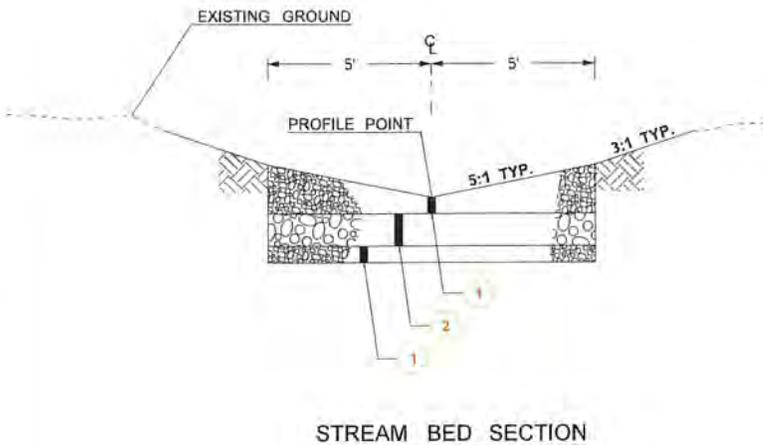
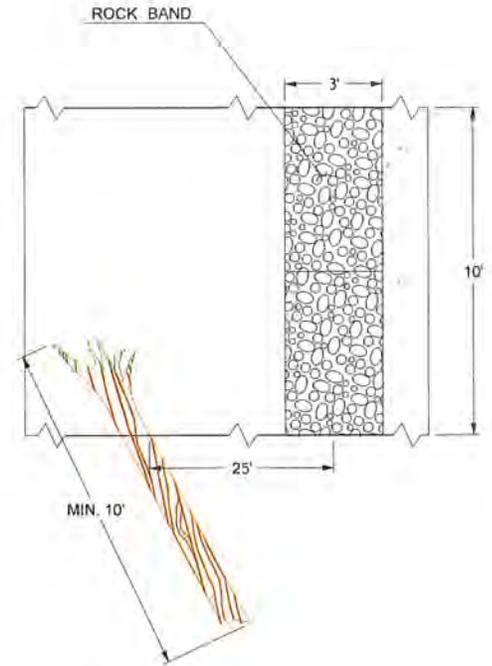
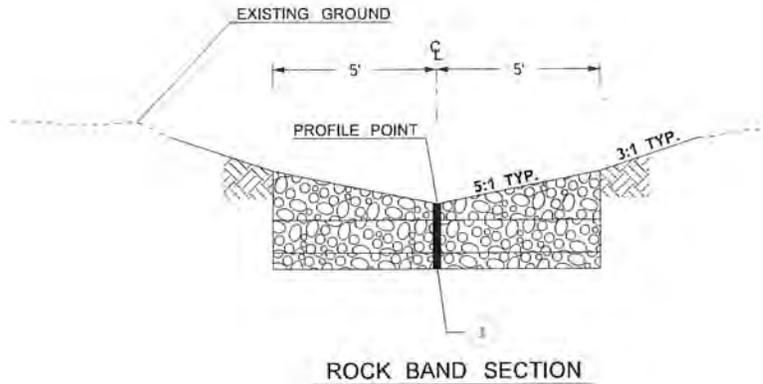
OWL CREEK PROFILES /SECTIONS

PURPOSE:	IMPROVE MOBILITY	REFERENCE:	NWS-2009-556-DOT
PROPOSED:	TWO ADDITIONAL LANES	APPLICANT:	W.S.D.O.T.
LOCATION:	US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY:	CLALLAM COUNTY STATE: WA
DATUM:	1988 NAVD	NEAR:	SEQUIM
ADJACENT PROPERTY OWNERS:	LIST ATTACHED	WATER BODY:	STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.		DATE:	6-13-2012

Washington State
Department of Transportation

SHEET: 17 OF: 26

MATERIAL	DEPTH
1 STREAMBED SEDIMENT	0.5 FT COMPACTED
2 STREAMBED COBBLES	1.0 FT NOMINAL
3 STREAMBED COBBLES	2.0 FT NOMINAL



OWL CREEK FISH PASSAGE DETAILS

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.	DATE: 6-13-2012

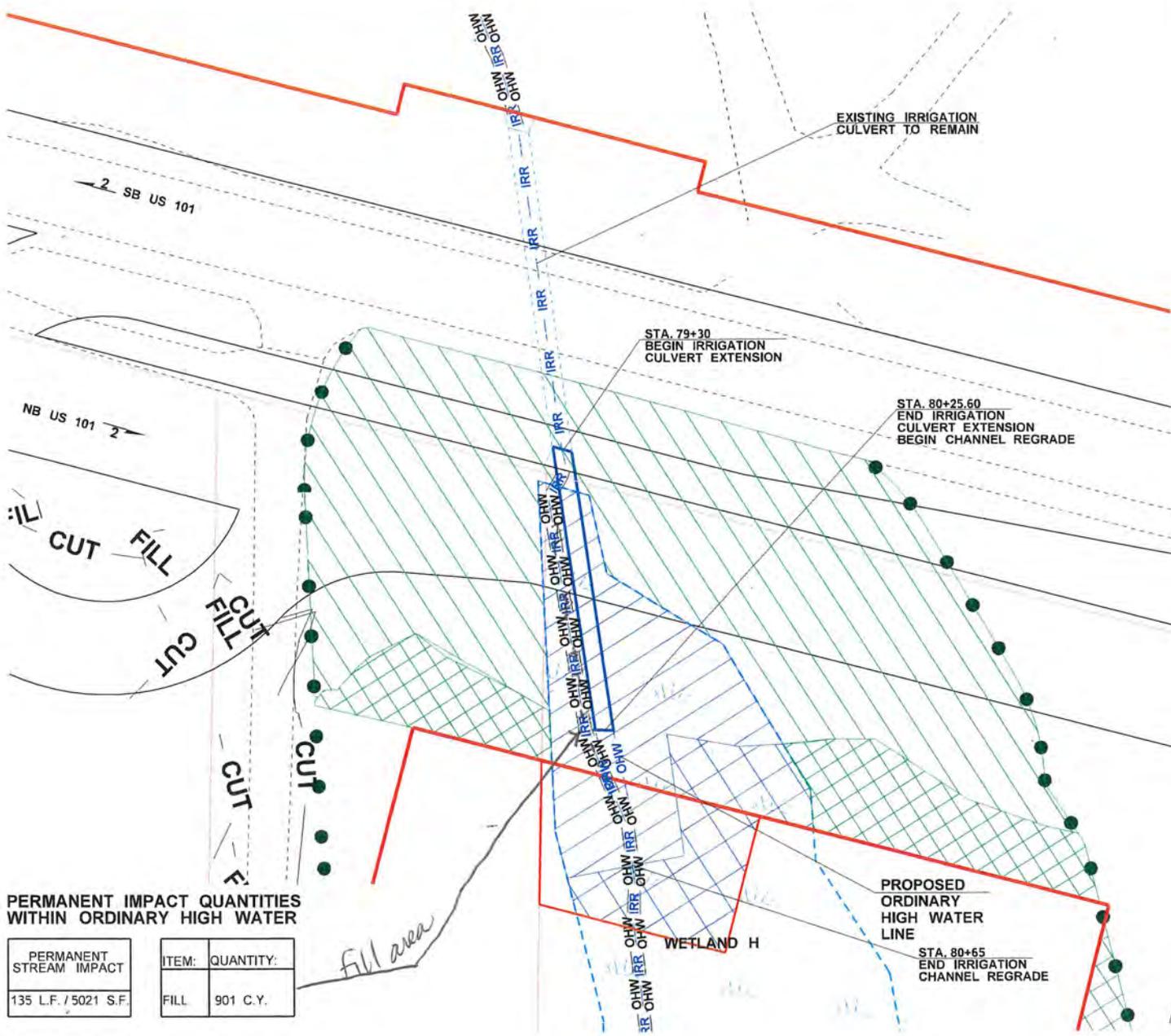


Washington State
Department of Transportation

SHEET: 18 OF: 26

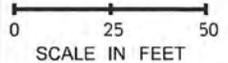
LEGEND

- WETLAND BOUNDARY
- WETLANDS
- CUT LINE
- FILL LINE
- PERMANENT WETLAND IMPACT
- TEMPORARY WETLAND IMPACT
- RIGHT OF WAY
- NEW EDGE OF PAVEMENT
- EXISTING EDGE OF PAVEMENT
- STREAM / CREEK
- PERMANENT JURISDICTIONAL DITCH IMPACT
- PERMANENT WETLAND BUFFER IMPACT
- TEMPORARY WETLAND BUFFER IMPACT
- IRRIGATION LINE
- PROPERTY LINE
- LARGE WOODY MATERIAL
- WETLAND BUFFER
- STREAM BUFFER
- ORDINARY HIGH WATER
- EXISTING CULVERT
- PROPOSED CULVERT



PERMANENT IMPACT QUANTITIES WITHIN ORDINARY HIGH WATER

ITEM:	QUANTITY:
PERMANENT STREAM IMPACT	
135 L.F. / 5021 S.F.	
FILL	901 C.Y.



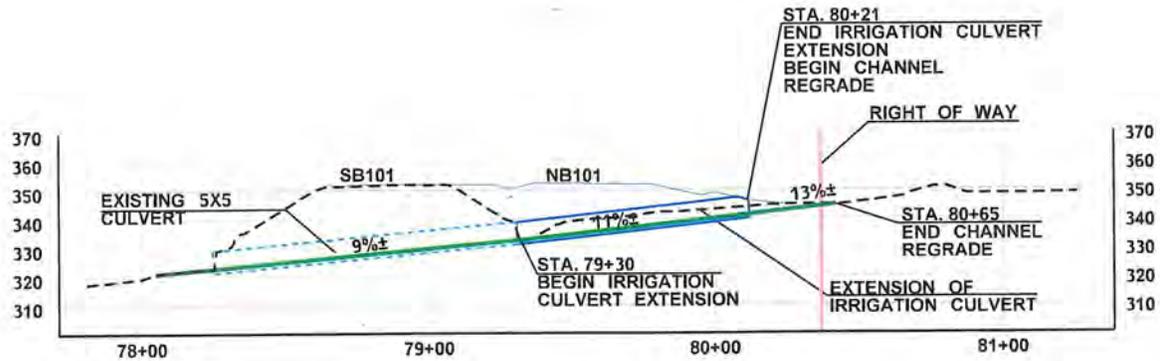
IRRIGATION CULVERT EXTENSION

PURPOSE:	IMPROVE MOBILITY	REFERENCE:	NWS-2009-556-DOT
PROPOSED:	TWO ADDITIONAL LANES	APPLICANT:	W.S.D.O.T.
LOCATION:	US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY:	CLALLAM COUNTY STATE: WA
DATUM:	1988 NAVD	NEAR:	SEQUIM
ADJACENT PROPERTY OWNERS:	LIST ATTACHED	WATER BODY:	STRAIT OF JUAN DE FUCA
T.30N. R.4W. W.M.		DATE:	6-13-2012



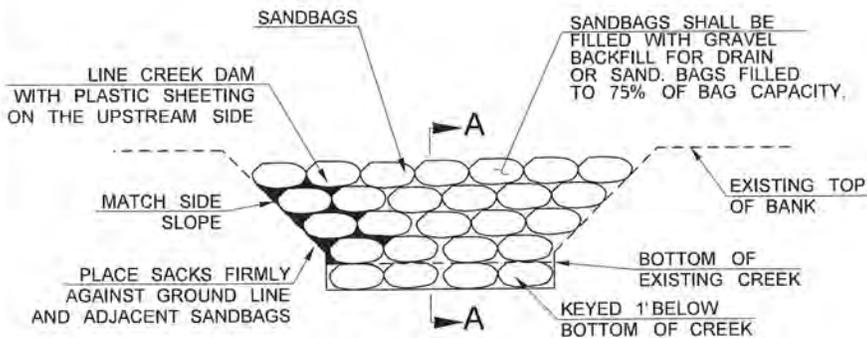
**Washington State
Department of Transportation**

SHEET: 19 OF: 26

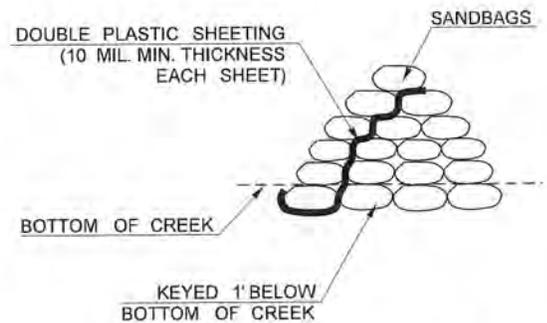


IRRIGATION CULVERT EXTENSION

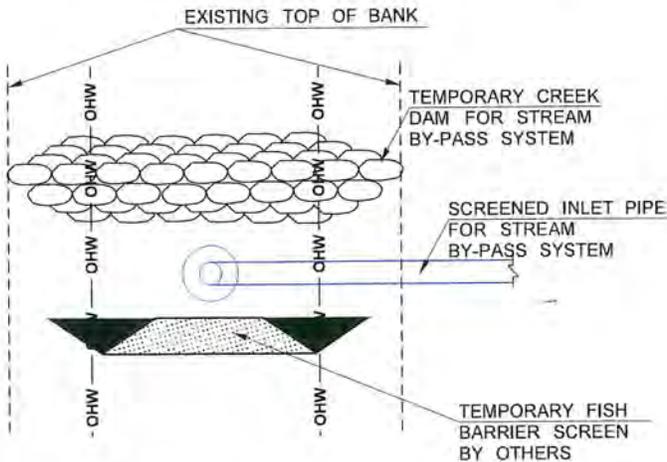
NB101 191+80



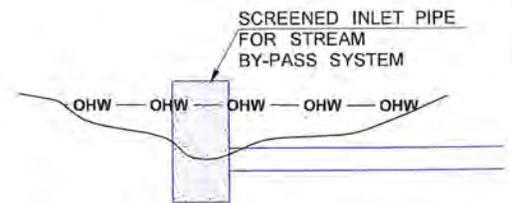
TEMPORARY SANDBAG DAM



SECTION A-A



TEMPORARY STREAM BY-PASS DETAIL



STREAM BY-PASS INLET DETAIL

SANDBAG DAM QUANTITIES

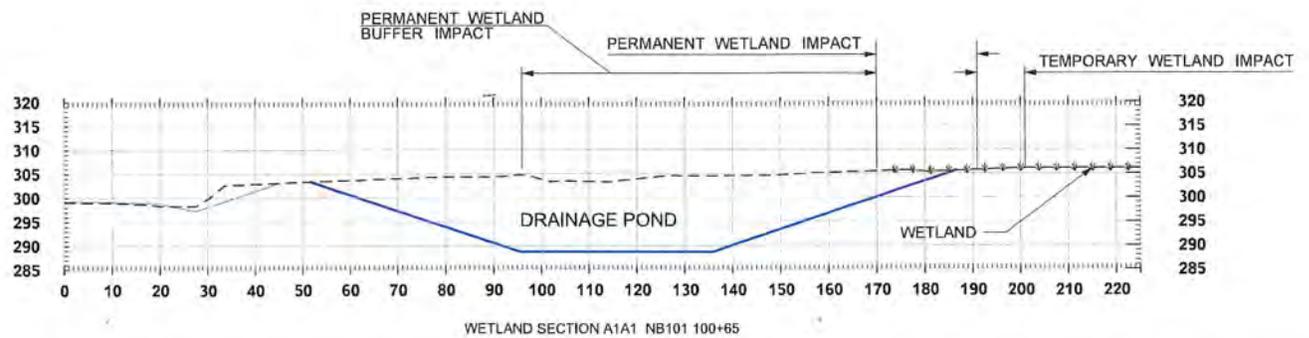
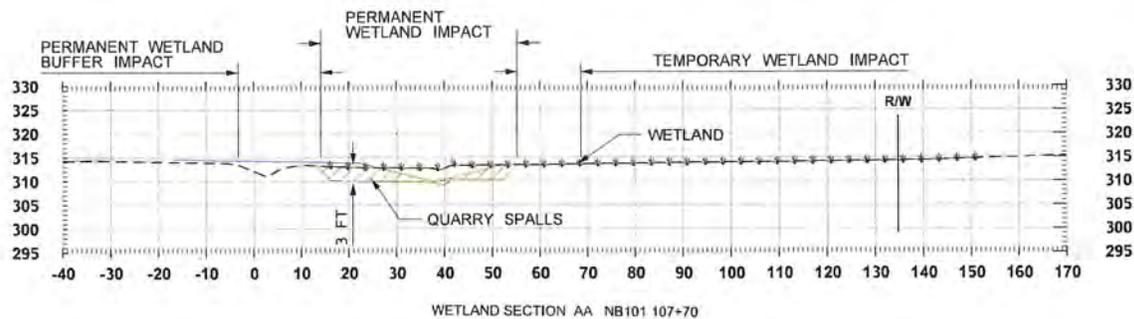
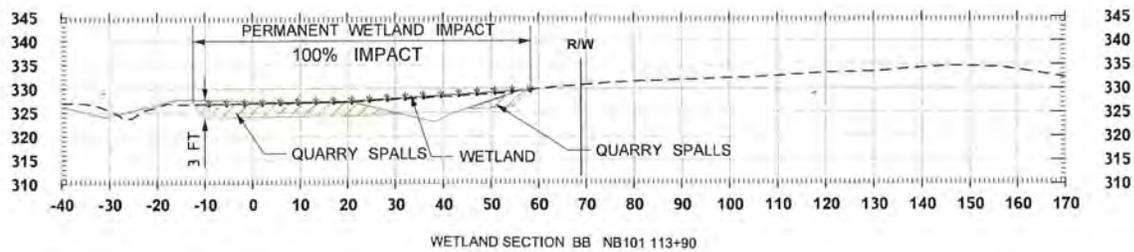
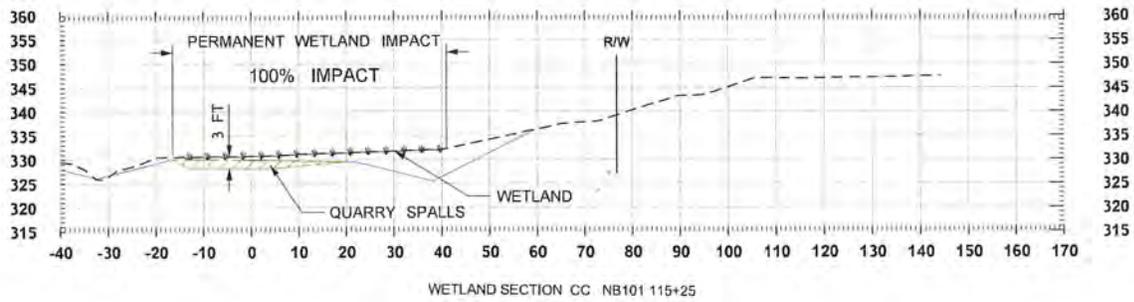
LOCATION:	QTY. (C.Y.)	AREA (S.F.)	LENGTH (FT)
WEST OWL CREEK	2 C.Y.	15 S.F.	12 L.F.
EAST OWL CREEK	2 C.Y.	15 S.F.	12 L.F.

IRRIGATION CULVERT / FISH PASSAGE EXTENSION DETAILS

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
	DATE: 6-13-2012

**Washington State
Department of Transportation**

SHEET: 20 OF: 26



40 SCALE

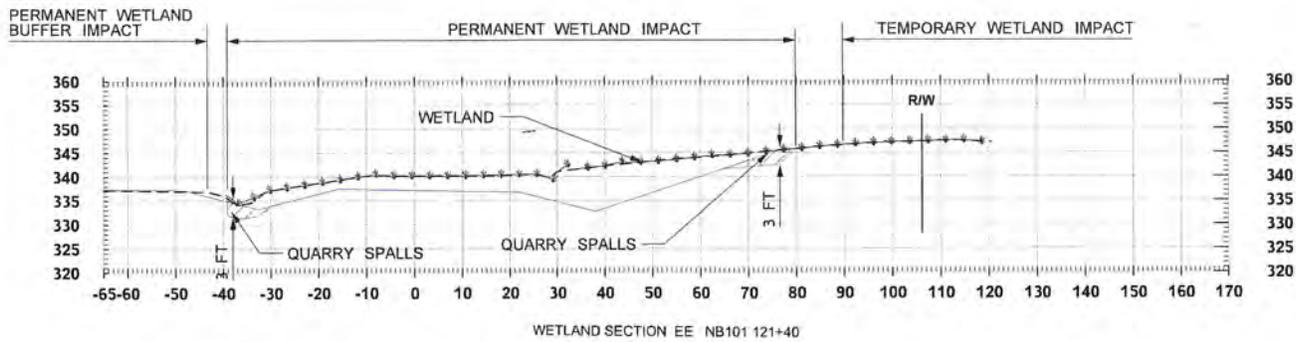
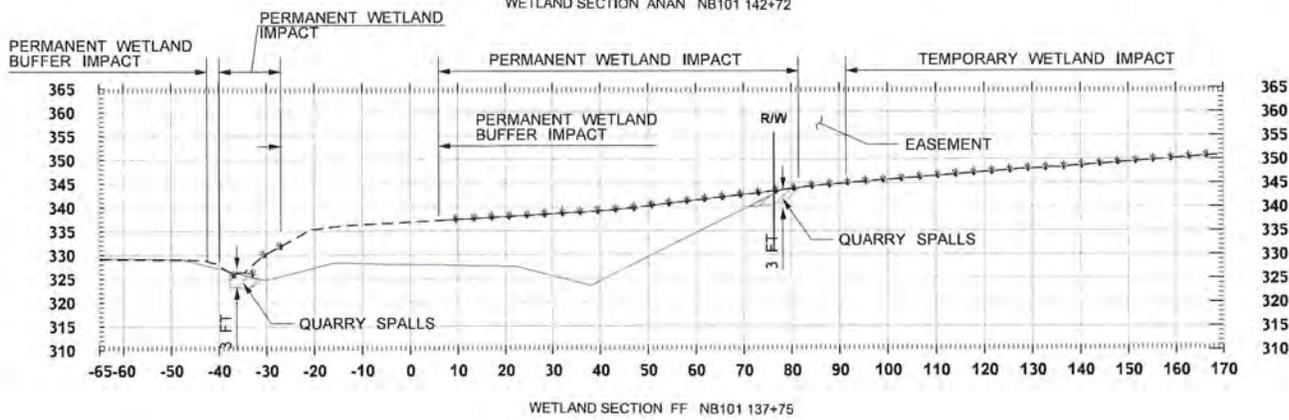
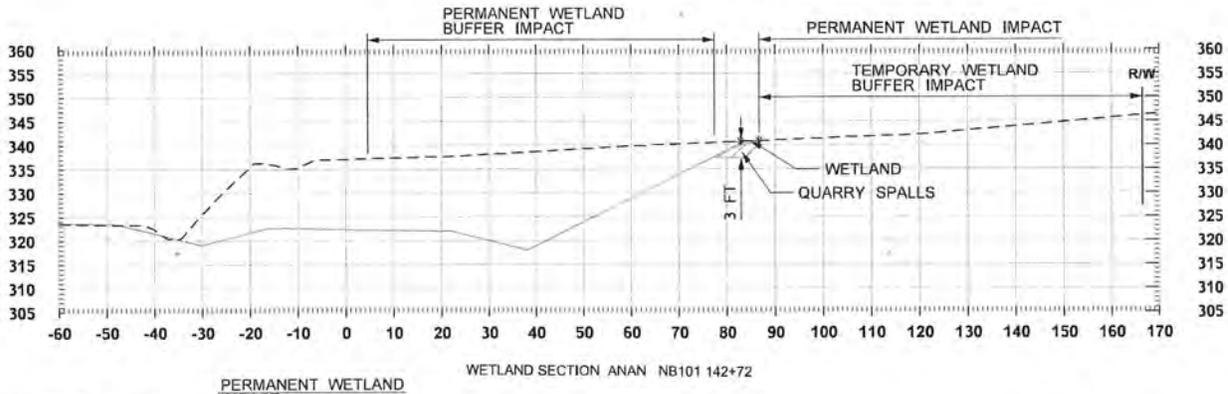
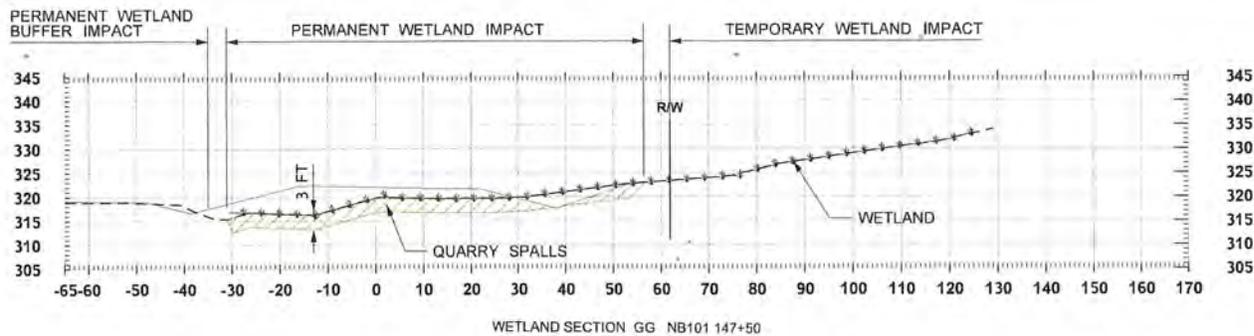
WETLAND CROSS SECTIONS

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
	DATE: 6-13-2012



Washington State
Department of Transportation

SHEET: 21 OF: 26

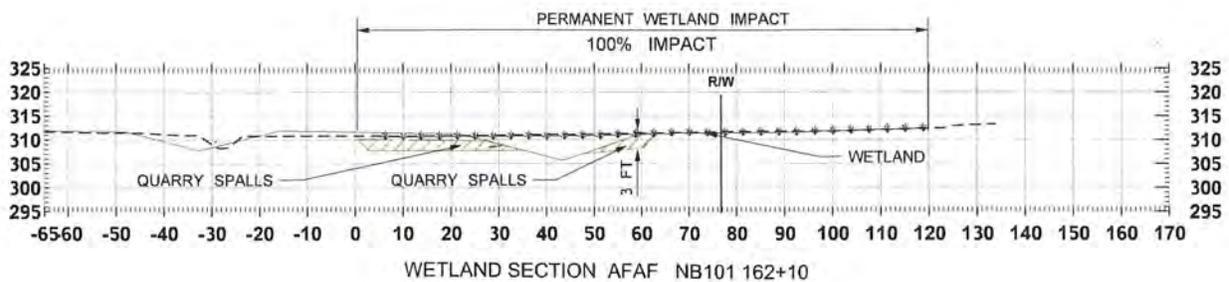
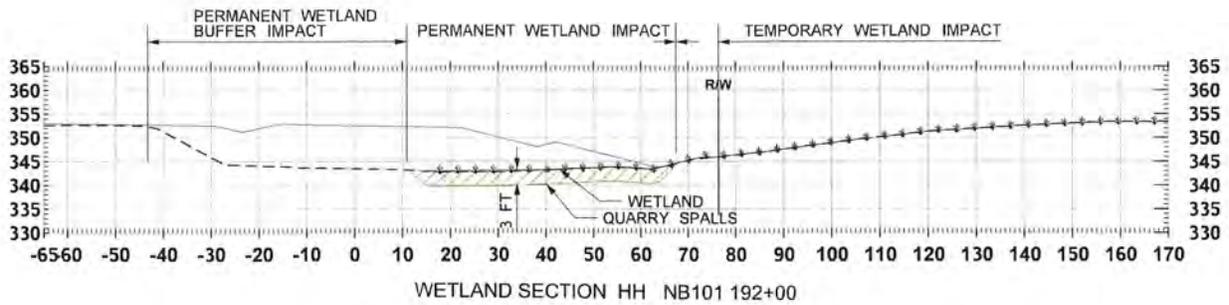
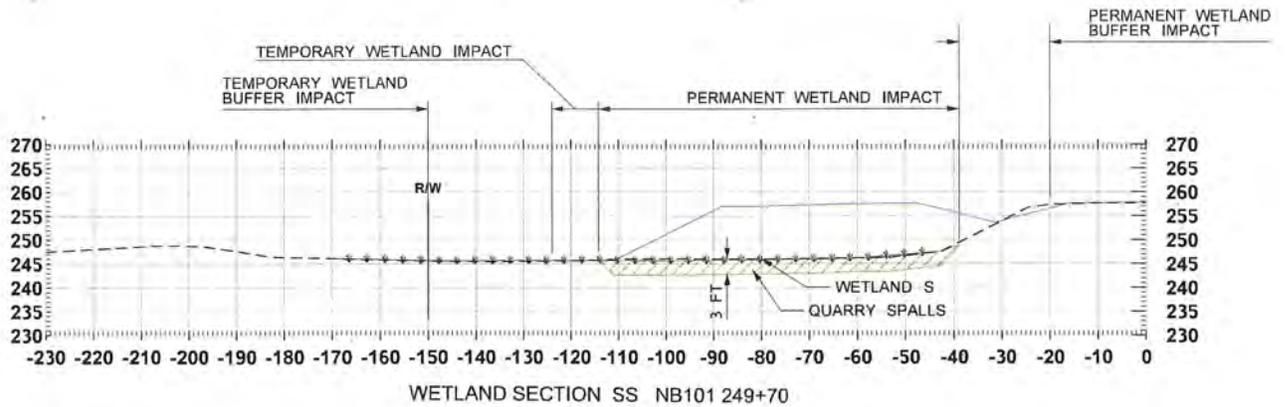


40 SCALE

WETLAND CROSS SECTIONS

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
	DATE: 6-13-2012

Washington State
Department of Transportation



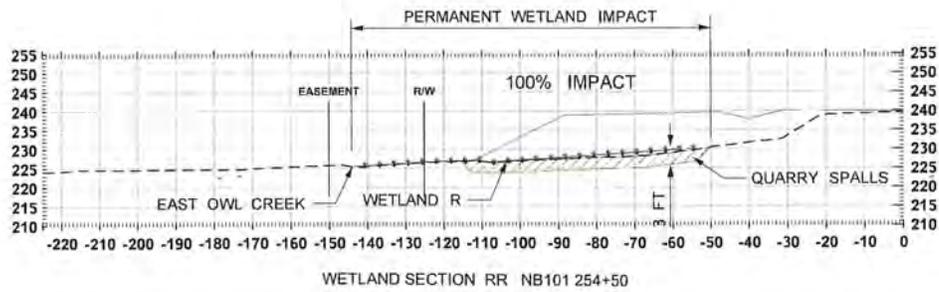
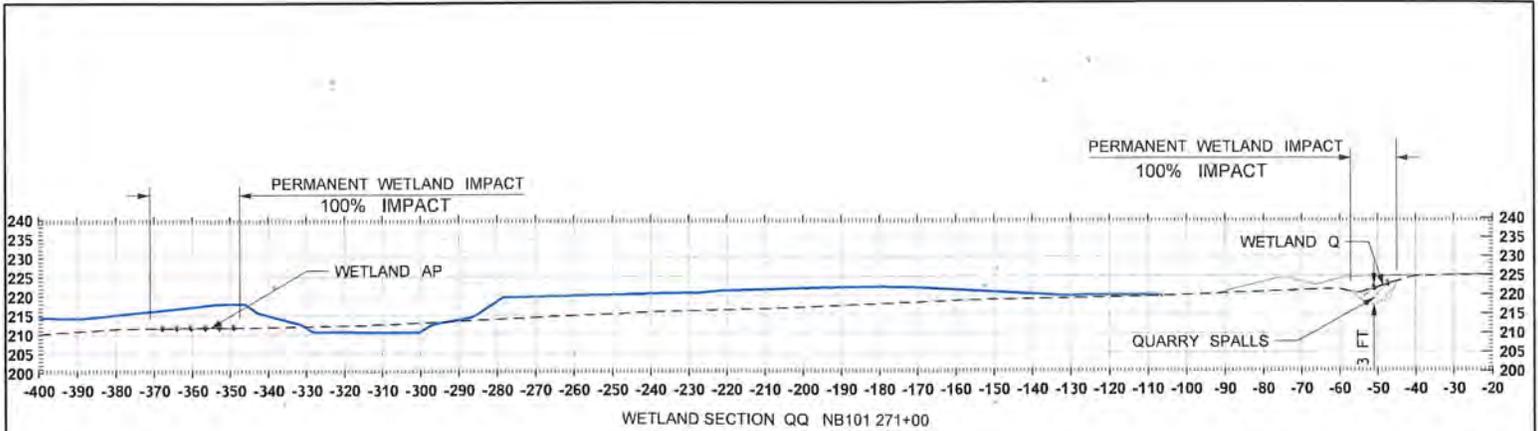
40 SCALE

WETLAND CROSS SECTIONS

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
	DATE: 6-13-2012



Washington State
Department of Transportation



**JURISDICTIONAL DITCH
IMPACT QUANTITIES**

JURISDICTIONAL DITCH #	LENGTH	VOLUME	
---------------------------	--------	--------	--

1	802 L.F.	405 S.F.	15 C.Y.
2	115 L.F.	54 S.F.	2 C.Y.
3	535 L.F.	270 S.F.	10 C.Y.
4	362 L.F.	189 S.F.	7 C.Y.
5	630 L.F.	324 S.F.	12 C.Y.
6	568 L.F.	297 S.F.	11 C.Y.
7	168 L.F.	81 S.F.	3 C.Y.
TOTAL: 3180 L.F.		TOTAL: 1620 S.F.	TOTAL: 60 C.Y.

50 SCALE

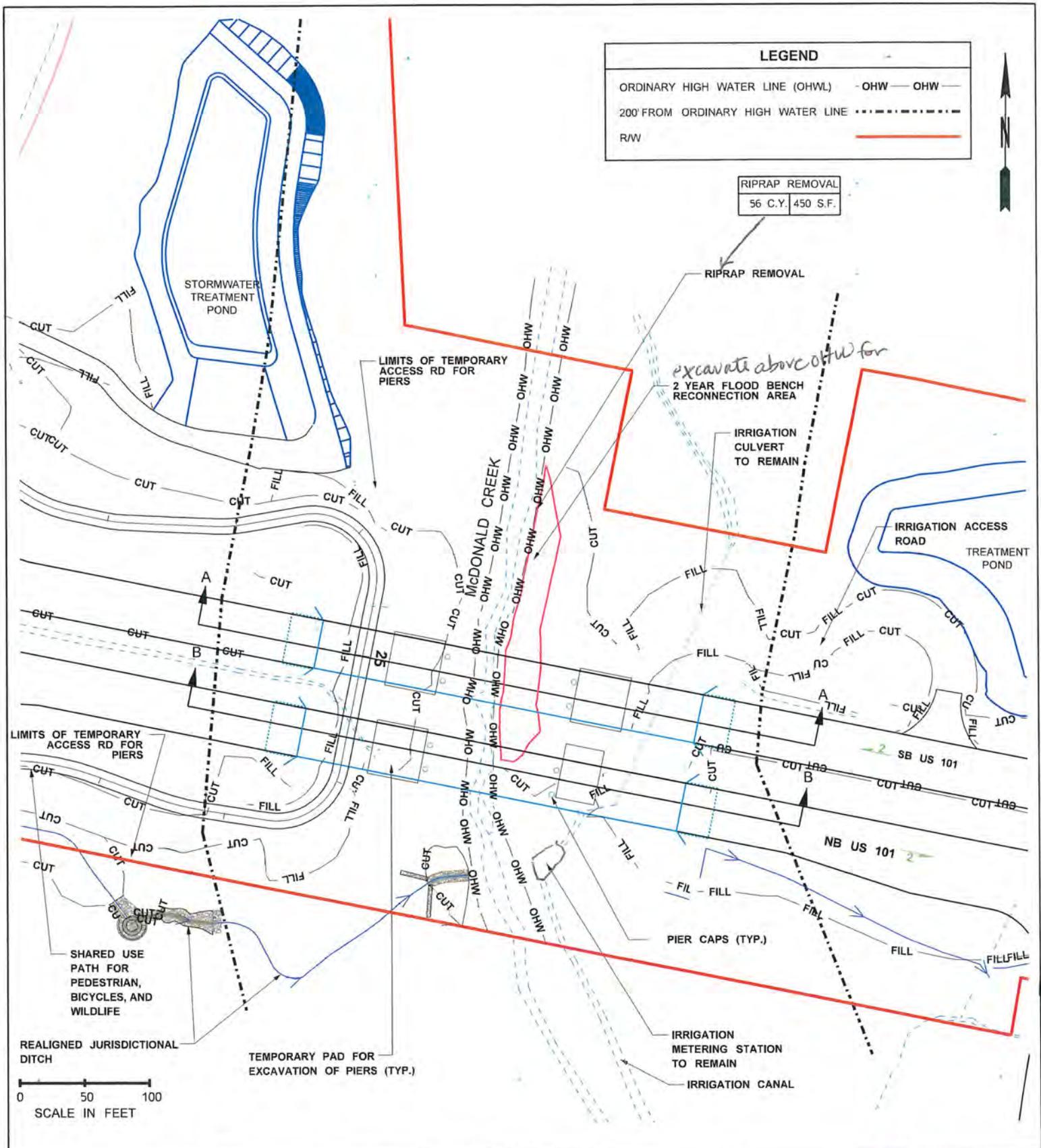
WETLAND CROSS SECTIONS

PURPOSE: IMPROVE MOBILITY	REFERENCE: NWS-2009-556-DOT
PROPOSED: TWO ADDITIONAL LANES	APPLICANT: W.S.D.O.T.
LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY: CLALLAM COUNTY STATE: WA
DATUM: 1988 NAVD	NEAR: SEQUIM
ADJACENT PROPERTY OWNERS: LIST ATTACHED	WATER BODY: STRAIT OF JUAN DE FUCA
	DATE: 6-13-2012



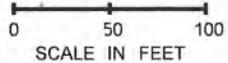
**Washington State
Department of Transportation**

SHEET: 24 OF: 26



LEGEND	
ORDINARY HIGH WATER LINE (OHWL)	-OHW- OHW-
200' FROM ORDINARY HIGH WATER LINE	-----
R/W	—————

RIPRAP REMOVAL
56 C.Y. 450 S.F.



PURPOSE: IMPROVE MOBILITY
 PROPOSED: TWO ADDITIONAL LANES
 LOCATION: US 101 - SHORE RD. TO KITCHEN-DICK RD.
 DATUM: 1988 NAVD
 ADJACENT PROPERTY OWNERS: LIST ATTACHED

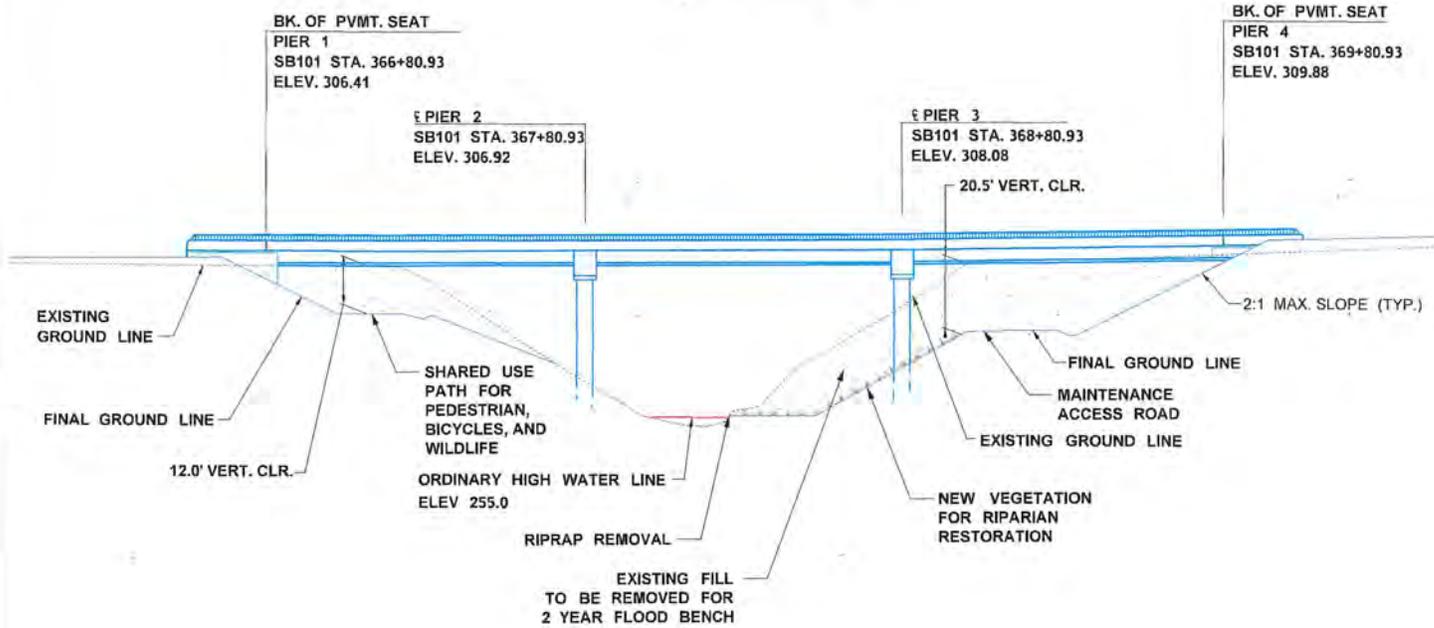
REFERENCE: NWS-2009-556-DOT
 APPLICANT: W.S.D.O.T.
 COUNTY: CLALLAM COUNTY STATE: WA
 NEAR: SEQUIM
 WATER BODY: STRAIT OF JUAN DE FUCA

DATE: 6-13-2012

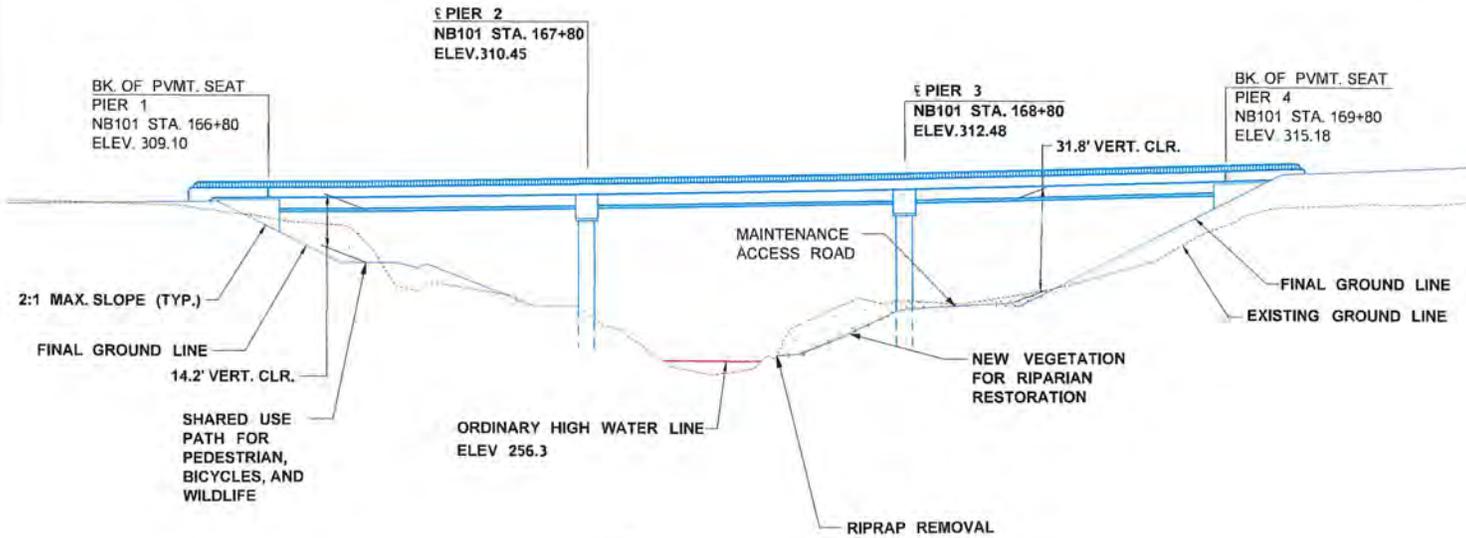


SHEET: 25 OF: 26

SECTION A-A



SECTION B-B



PERMANENT IMPACT QUANTITIES

ITEM:	QUANTITY:
RIPRAP REMOVAL	56 C.Y.

MCDONALD CREEK BRIDGE CROSS SECTIONS

PURPOSE:	IMPROVE MOBILITY	REFERENCE:	NWS-2009-556-DOT
PROPOSED:	TWO ADDITIONAL LANES	APPLICANT:	W.S.D.O.T.
LOCATION:	US 101 - SHORE RD. TO KITCHEN-DICK RD.	COUNTY:	CLALLAM COUNTY STATE: WA
DATUM:	1988 NAVD	NEAR:	SEQUIM
ADJACENT PROPERTY OWNERS:	LIST ATTACHED	WATER BODY:	STRAIT OF JUAN DE FUCA
		DATE:	6-13-2012

