



US Army Corps
of Engineers
Seattle District



US Army Corps of Engineers

Regulatory Branch
Post Office Box 3755
Seattle, WA 98124-3755
Telephone (206) 764-6912
Attn: Rebecca McAndrew, Project Manager

WA Department of Ecology

SEA Program
Post Office Box 47600
Olympia, WA 98504-7600
Telephone (425) 649-7181
Attn: Katie Chamberlin,
Federal Permit Coordinator

Public Notice Date: September 9, 2008

Expiration Date: October 8, 2008

Reference No.: NWS-2008-1082-SOD
Name: WA State Dept. of Transportation

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 the Coastal Zone Management Act.

APPLICANT: Washington State Dept. of Transportation

Mr. Ben Brown
Post Office Box 330310
Mail Stop NB82-138
Seattle, Washington 98133-9710
Telephone: (206) 440-4528

LOCATION: In wetlands, two unnamed tributaries to Church Creek, and ditches at City of Stanwood and Snohomish County, Washington.

WORK: The proposed project would construct truck climbing lanes, acceleration lanes, turn lanes, and driveway modifications on approximately 5.75 miles of State Route (SR) 532 between Douglas Slough and Interstate 5. The work would fill or excavate 2.08 acres in 19 wetlands, 0.04 acre in two streams, and 0.28 acre in 11 ditches within the project corridor. The wetland impacts are to forested (0.10 acre), shrub (0.02), and emergent (1.96 acre) habitat. Category II impacts are 0.01 acre, Category III impacts are 0.61 acre, and Category IV impacts total 1.46 acres. Temporary wetland impacts total 0.30 acre and temporary stream impacts total 0.01 acre. Permanent buffer impacts to wetlands and streams total 1.73 acres and temporary buffer impacts are 1.01 acres. The buffer impacts are to forested, shrub, and herbaceous vegetation. If issued, this permit would be valid for five years.

The functions provided by the impacted wetlands include flood storage, water quality improvement, organic matter production and export, general habitat suitability, aquatic invertebrate habitat, amphibian habitat, wetland-associated mammal habitat, wetland-associated bird habitat, and native plant richness.

PURPOSE: The purpose of the proposed work is to improve safety and relieve congestion.

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.

MITIGATION: WSDOT minimized impacts to wetlands and streams by widening symmetrically and asymmetrically, constructing retaining walls, steepening fill slopes, and reducing shoulder widths in two locations. To compensate for the permanent loss of 2.08 acres of wetlands, WSDOT would utilize 4.45 acres of a 30-acre site (Pilchuck Park) owned by the Stillaguamish Tribe. Historically the site supported a large wetland complex that provided off channel rearing habitat for salmonids and baseflow support to Pilchuck Creek in summer, but has been ditched, graded, filled, and tiled for agriculture for over 100 years. The Stillaguamish Tribe received a Salmon Recovery Funding Board (SRFB) grant to install large woody debris in Pilchuck Creek, remove bank armoring along Pilchuck Creek, install riparian plantings, fill the perimeter ditch, and create hummocks in the existing 13.44 acre wetland where an old dirt bike track exists. The mitigation elements proposed by WSDOT are independent from those proposed by the Stillaguamish Tribe with the SRFB grant. WSDOT would reestablish wetland directly north of Pilchuck Creek and rehabilitate wetland by grading, breaking drain tiles, and restoring microtopography. WSDOT would construct additional area within the 30-acre site to potentially be used by future projects, depending on project approval by the regulatory agencies. The proposed plant community consists of forested, shrub, and emergent wetland vegetation. To compensate for the permanent loss of 0.04 acre of stream, WSDOT would relocate Stream 8E and enhance the buffer in the project corridor and construct 0.69 acre of the proposed refugia pond at the Pilchuck Park mitigation site. To mitigate for 1.73 acres of buffer impacts and provide an adequate buffer around the mitigation site, a 225-foot forested buffer (11.12 acres) would be established around the east and south of the site. The existing buffer to the west and north of the site is mature forested. The Pilchuck Park mitigation site is located just over two miles southeast from the project corridor.

The overall Pilchuck Park mitigation site goal is to restore natural hydrologic processes and provide off channel habitat for fish and wildlife habitat. Pilchuck Creek is extensively used by Chinook, Coho, chum, and pink salmon, and bull trout and steelhead. The mitigation site would improve the flood storage, organic matter production and export, general habitat suitability, general fish habitat, amphibian habitat, aquatic invertebrate habitat, wetland-associated mammal habitat, wetland-associated bird habitat, and native plant richness functions compared to the impacted functions. Water quality improvement functions would be maintained. All of impacted functions would be mitigated for at the Pilchuck Park mitigation site.

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 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.

WSDOT, as the designated lead agency for ESA consultation, is consulting with the NMFS and the USFWS as required under Section 7 of the ESA. The Corps agrees with their determination that the project may affect, not likely to adversely affect listed species and their designated critical habitat.

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.

WSDOT, as the designated lead agency for a determination regarding EFH, is consulting with the NMFS. The Corps agrees with their determination that the project will not adversely affect EFH species.

CULTURAL RESOURCES: The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. The permit area is likely to yield resources eligible for inclusion in the National Register. An investigation for the presence of potentially eligible historic properties is being conducted. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area. 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.

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.

This proposal is outside of Shoreline Management Act jurisdiction.

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 commentor'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.

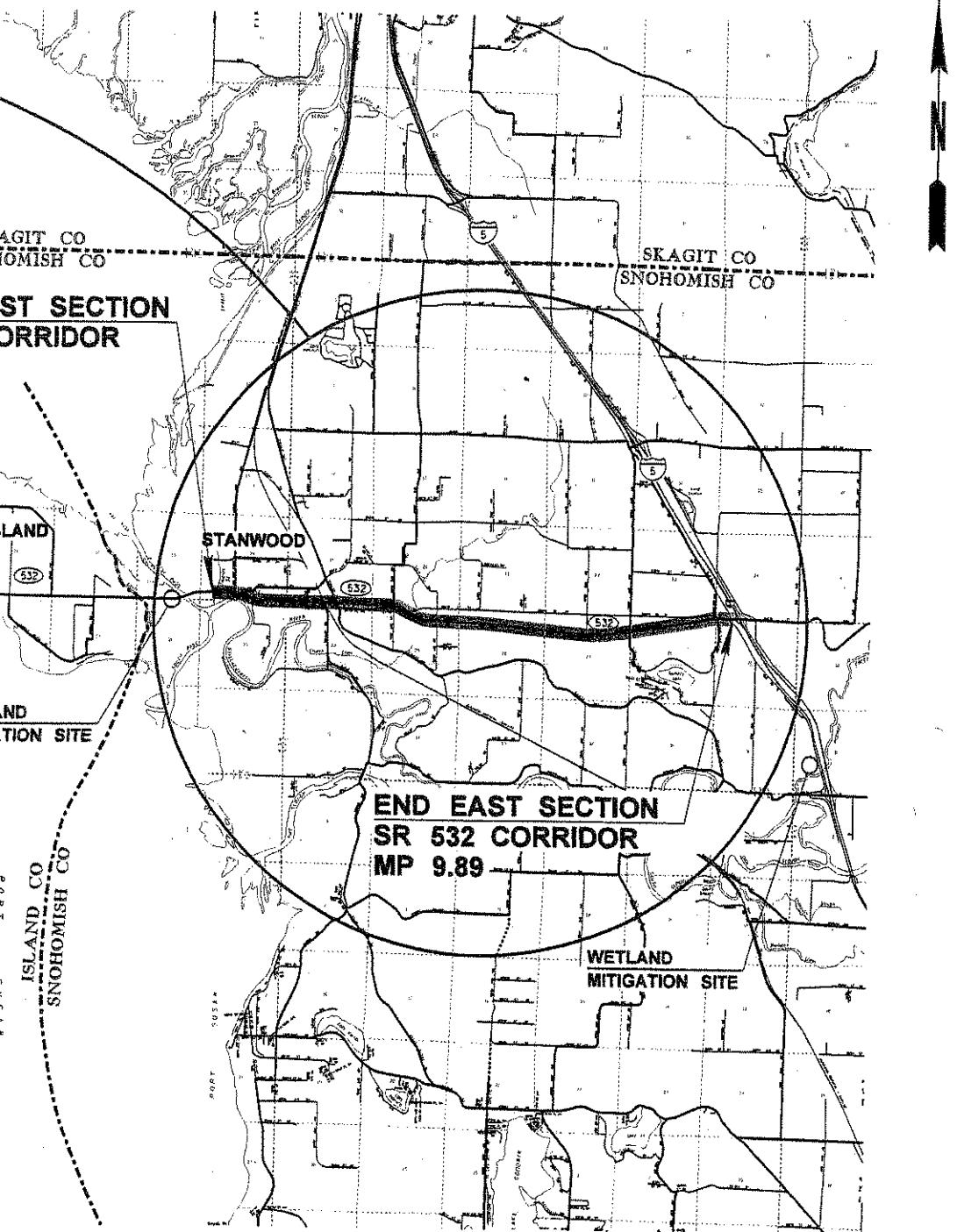
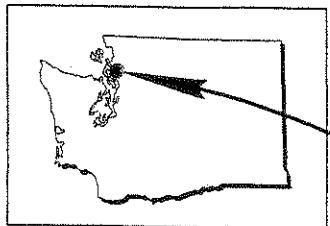
Corps comments: All e-mail comments should be sent to rebecca.e.mcandrew@usace.army.mil. Conventional mail comments should be sent to U.S. Army Corps of Engineers, Regulatory Branch, Attn: Ms. Rebecca McAndrew, Post Office Box 3755, Seattle, Washington, 98124-3755.

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: Ms. Katie Chamberlin – Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington, 98504-7600, or e-mail to kach461@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-2008-1082-SOD

Encl: Figures (38)



EAST SECTION VICINITY MAP

NOT TO SCALE
T. 32N. R. 3E., 4E.

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

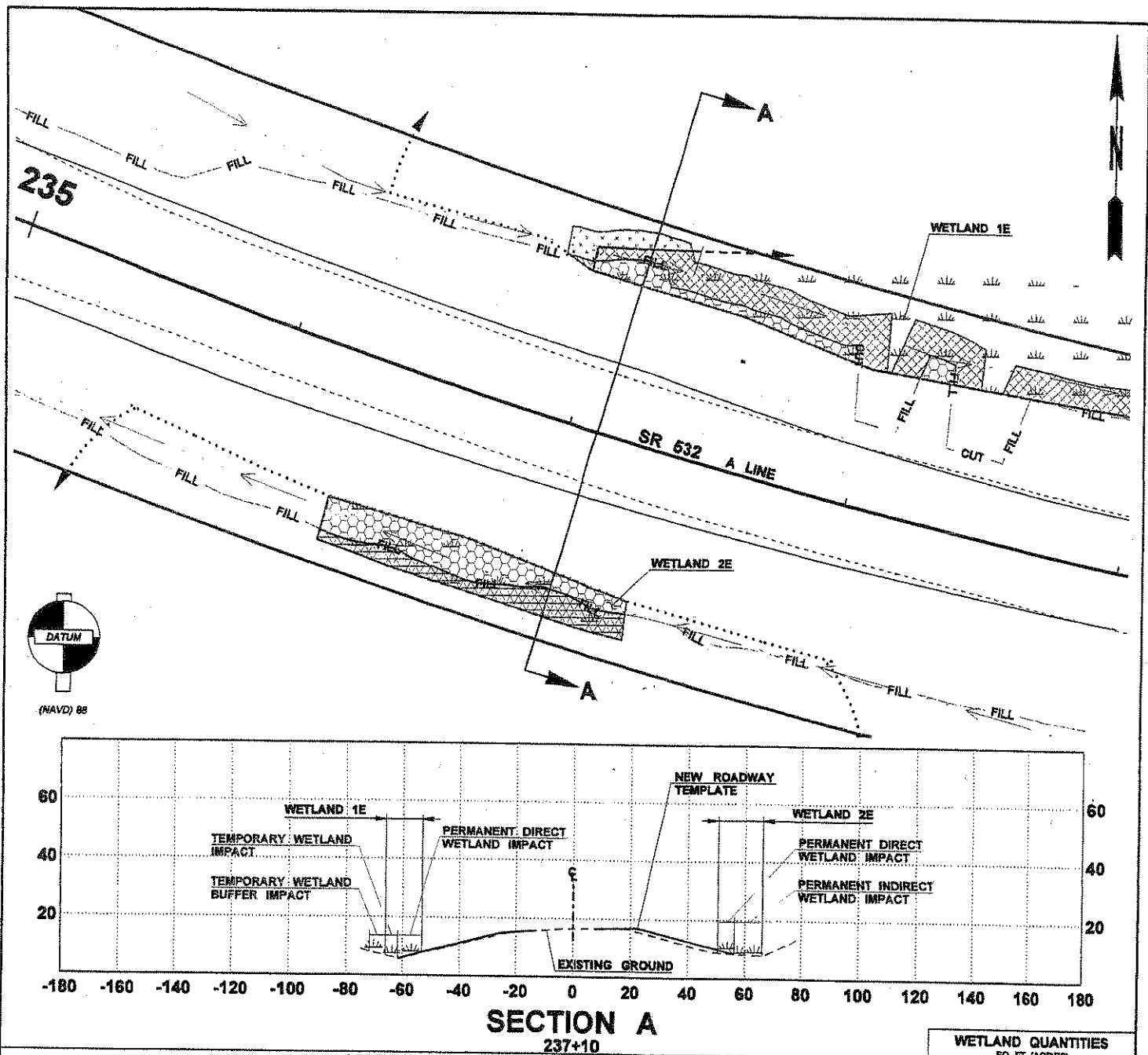
APPLICANT: WSDOT
COUNTY: ISLAND/SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH

REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008



Washington State
Department of Transportation

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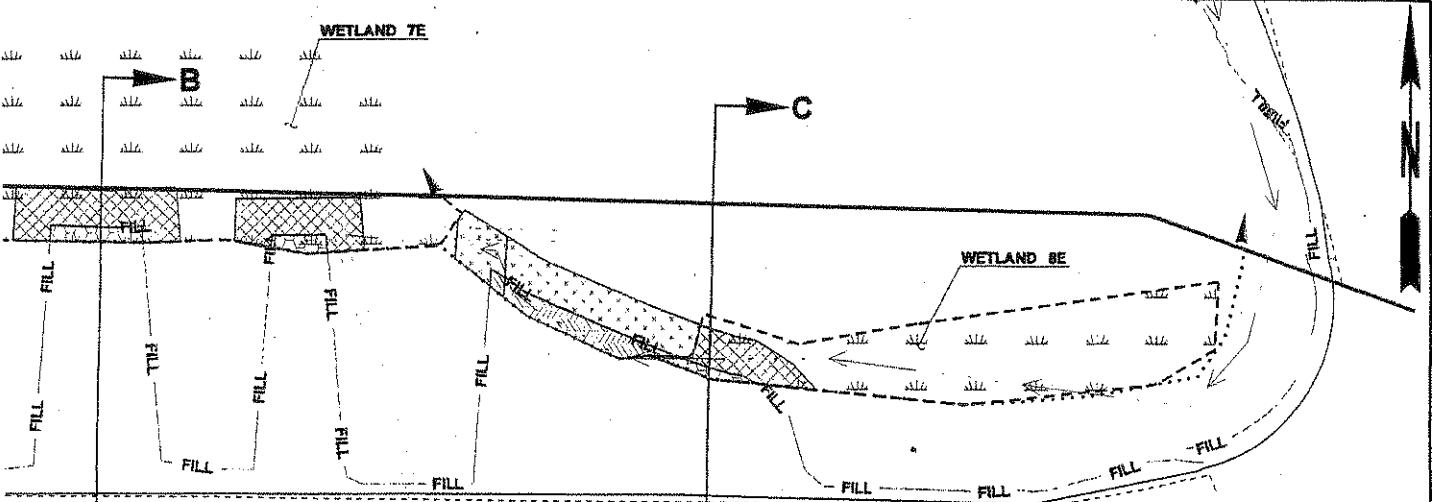
LEGEND	
PERMANENT DIRECT WETLAND IMPACT	STREAM BUFFER
PERMANENT INDIRECT WETLAND IMPACT	NEW CULVERT
PERMANENT WETLAND BUFFER IMPACT	EXISTING CULVERT
TEMPORARY WETLAND IMPACT	STORM SEWER PIPE
TEMPORARY WETLAND BUFFER IMPACT	ORDINARY HIGH WATER MARK
PERMANENT STREAM IMPACT	RIGHT OF WAY
PERMANENT STREAM BUFFER IMPACT	NEW EDGE OF PAVEMENT
TEMPORARY STREAM IMPACT	EXISTING GRAVEL EDGE
	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH

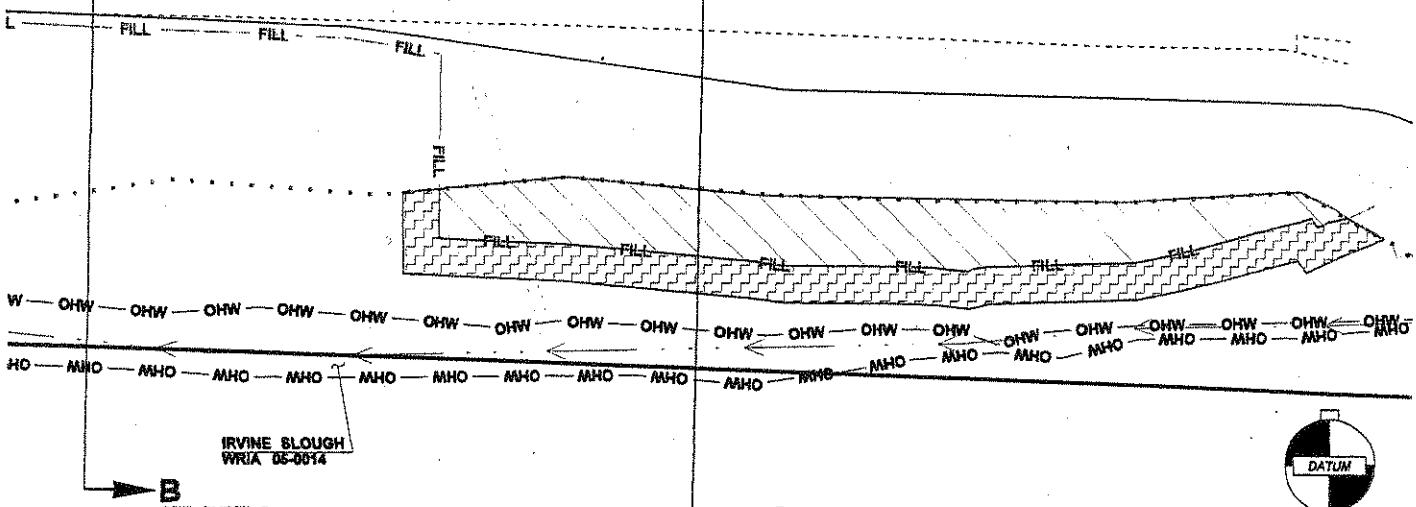
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008





SR 532 A LINE

285



IRVINE SLOUGH
WRIA 05-0014

B
SEE SHEET 6

C
SEE SHEET 6



(NAVD) 88

0 25 50
SCALE IN FEET

IRVINE SLOUGH QUANTITIES			
WRIA 05-0014	SQ. FT.	ACRES	LINEAR FT.
PERMANENT STREAM IMPACT	0	0	0
TEMPORARY STREAM IMPACT	0	0	0
PERMANENT STREAM BUFFER IMPACT	3,906	0.09	0
TEMPORARY STREAM BUFFER IMPACT	2,818	0.06	0

WETLAND QUANTITIES SQ. FT. (ACRES)		
WETLAND	7E	8E
DOE CATEGORY	II	IV
WETLAND AREA	87,119 (2.00)	2,888 (0.07)
PERMANENT DIRECT WETLAND IMPACT	< 0.001	< 0.001
TEMPORARY WETLAND IMPACT	844 (0.02)	284 (0.01)
PERMANENT INDIRECT WETLAND IMPACT	0	0
PERMANENT WETLAND BUFFER IMPACT	< 0.001	262 (0.01)
TEMPORARY WETLAND BUFFER IMPACT	< 0.001	561 (0.01)

PERMANENT DIRECT WETLAND IMPACT	EE → EE — ECOLOGY EMBANKMENT
PERMANENT INDIRECT WETLAND IMPACT	→ → NEW DITCH
PERMANENT WETLAND BUFFER IMPACT	— FILL NEW FILL LINE
TEMPORARY WETLAND IMPACT	- CUT NEW CUT LINE
TEMPORARY WETLAND BUFFER IMPACT	— CENTER LINE AND TIC
PERMANENT STREAM IMPACT	— WETLAND SYMBOL
TEMPORARY STREAM IMPACT	— WETLAND BOUNDARY
PERMANENT STREAM BUFFER IMPACT	— WETLAND BUFFER
TEMPORARY STREAM BUFFER IMPACT	— NEW CULVERT
PERMANENT STREAM BUFFER IMPACT	— EXISTING CULVERT
TEMPORARY STREAM BUFFER IMPACT	— ST ST STORM SEWER PIPE
NEW CATCH BASIN	— OHW OHW ORDINARY HIGH WATER MARK
NEW MANHOLE	— RIGHT OF WAY
OUTFALL PROTECTION	— NEW EDGE OF PAVEMENT
	— EXISTING GRAVEL EDGE
	— EXISTING PAVED EDGE

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

WATER BODY: STILLAGUAMISH

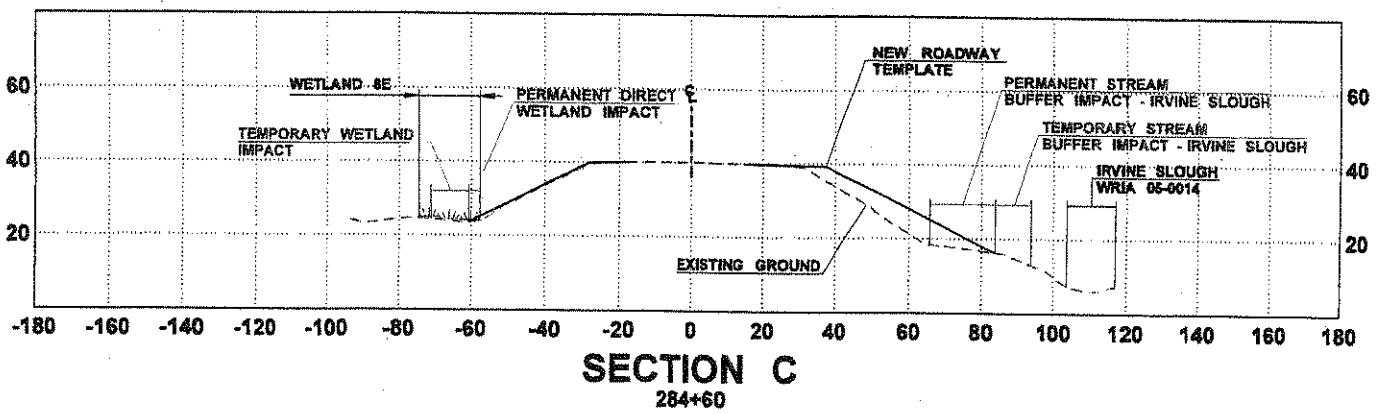
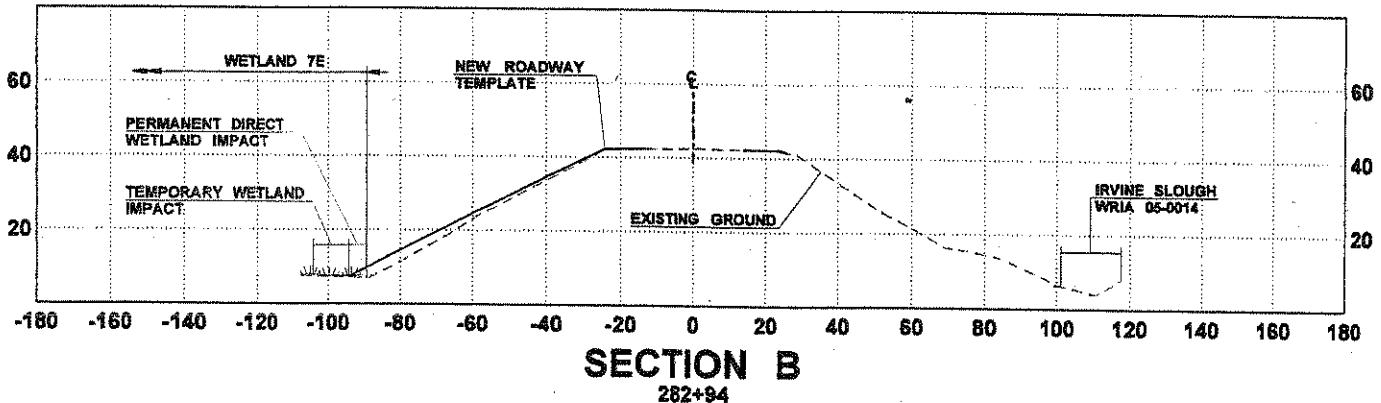
REFERENCE: NWS-2008-1082-SOD

DATE: JUNE 2008



Washington State
Department of Transportation

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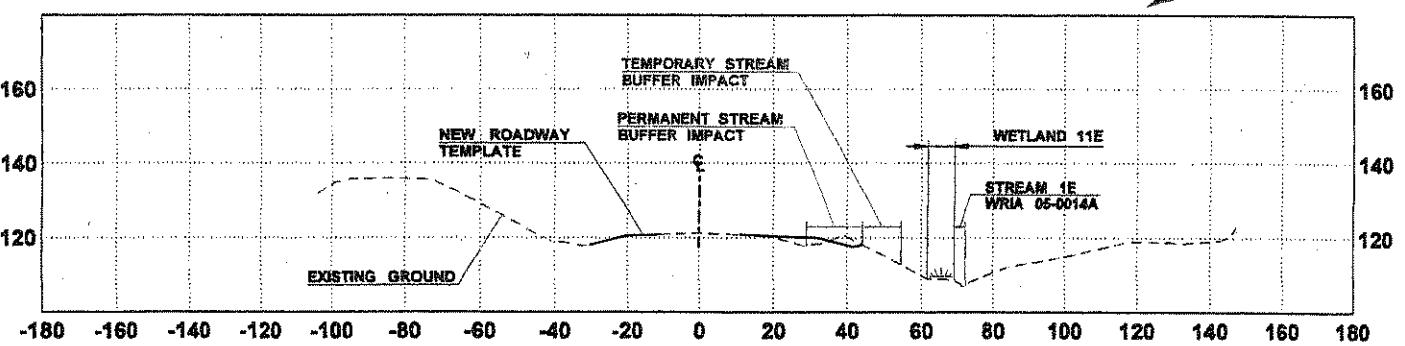
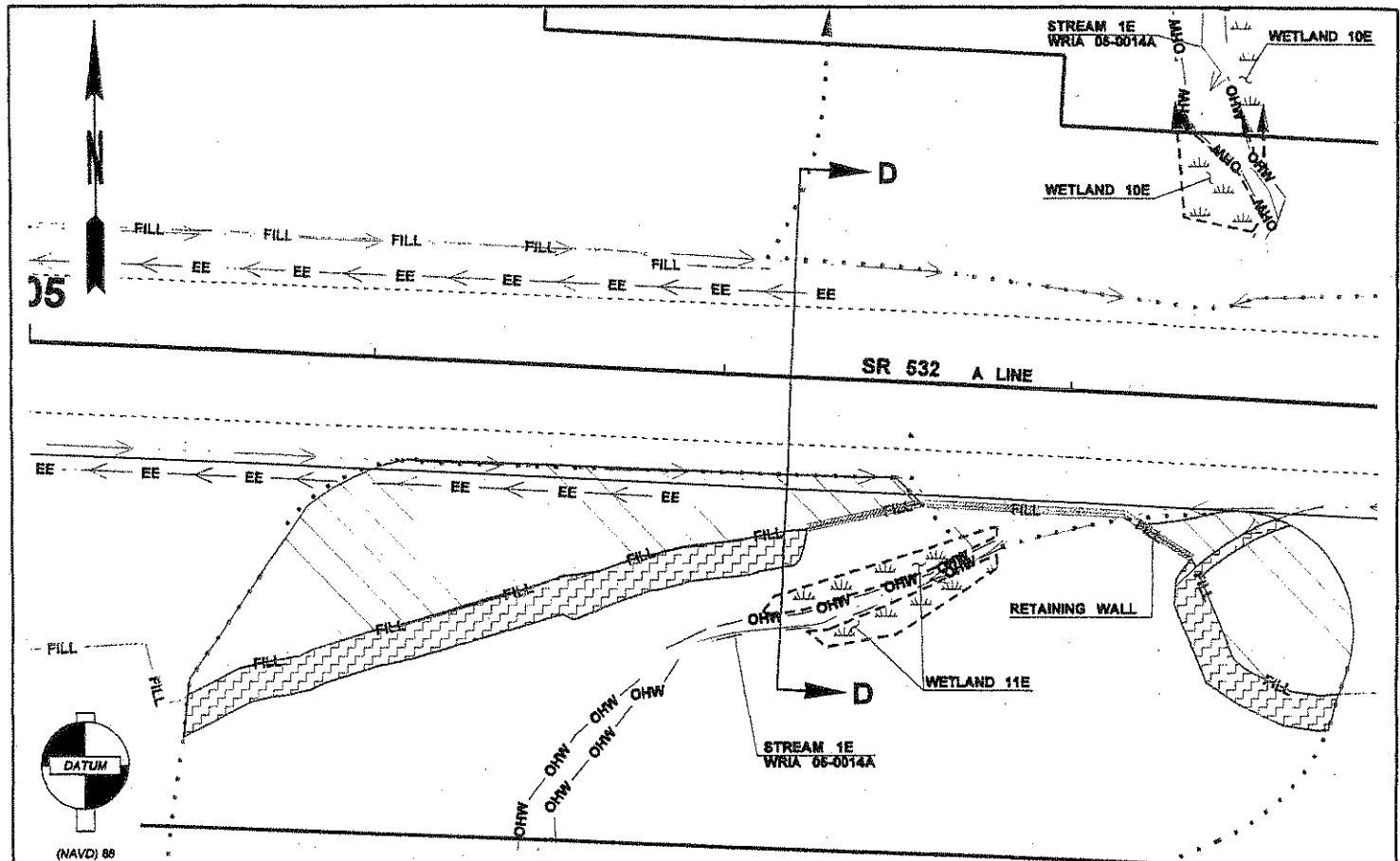


NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008





SECTION D 307+19

LEGEND

	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	TEMPORARY STREAM IMPACT

	TEMPORARY STREAM BUFFER IMPACT
	ECOLOGY EMBANKMENT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	FILL
	CUT

	CENTER LINE AND TIC
	WETLAND SYMBOL

	WETLAND BOUNDARY
--	------------------

NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

0 25 50
SCALE IN FEET

STREAM 1E QUANTITIES

	SQ. FT.	ACRES	LINEAR FT.
PERMANENT STREAM IMPACT	0	0	0
TEMPORARY STREAM IMPACT	0	0	0
PERMANENT STREAM BUFFER IMPACT	7,626	0.17	0
TEMPORARY STREAM BUFFER IMPACT	2,809	0.06	0

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

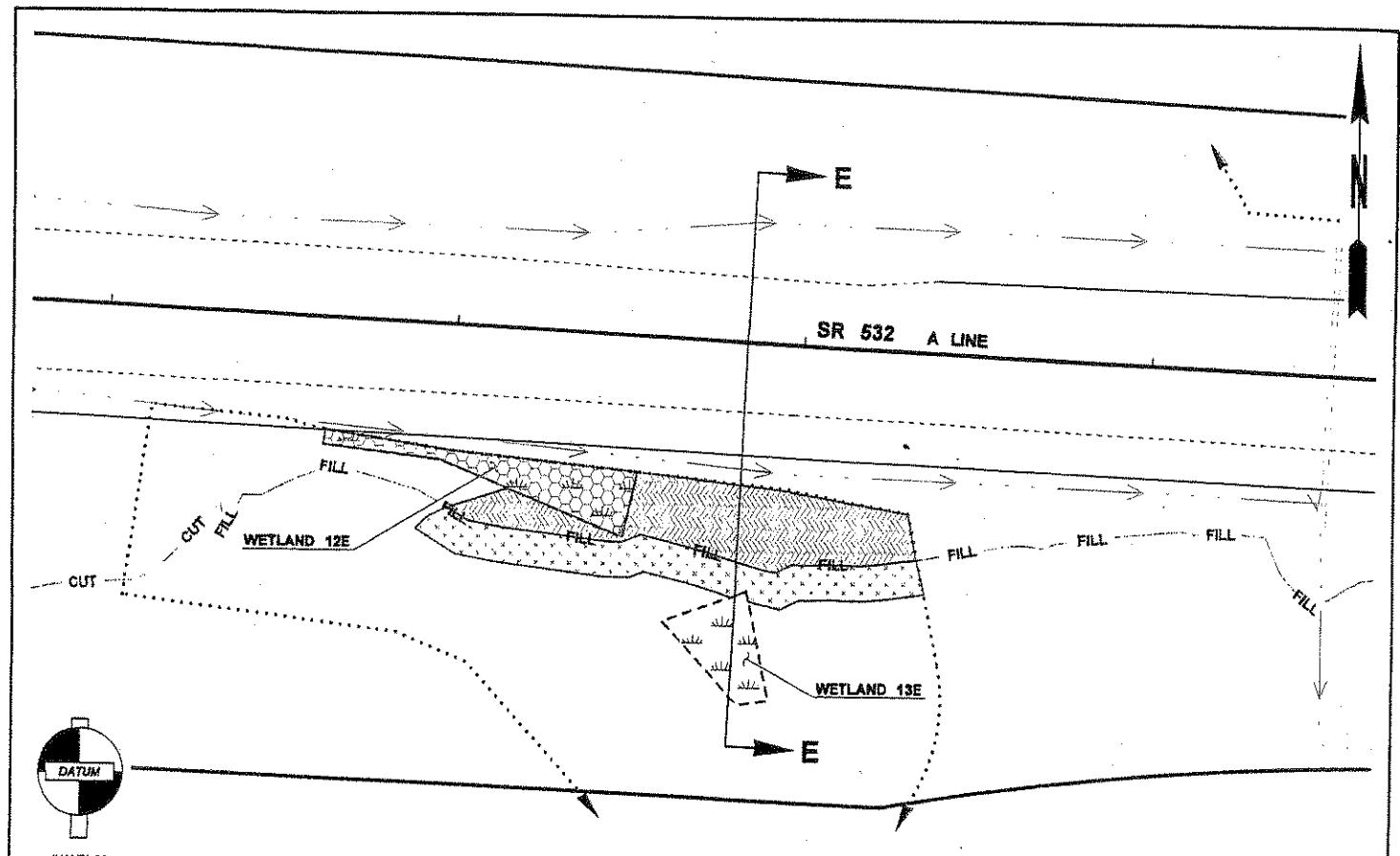
WATER BODY: STILLAGUAMISH

REFERENCE: NWS-2008-1082-SOD

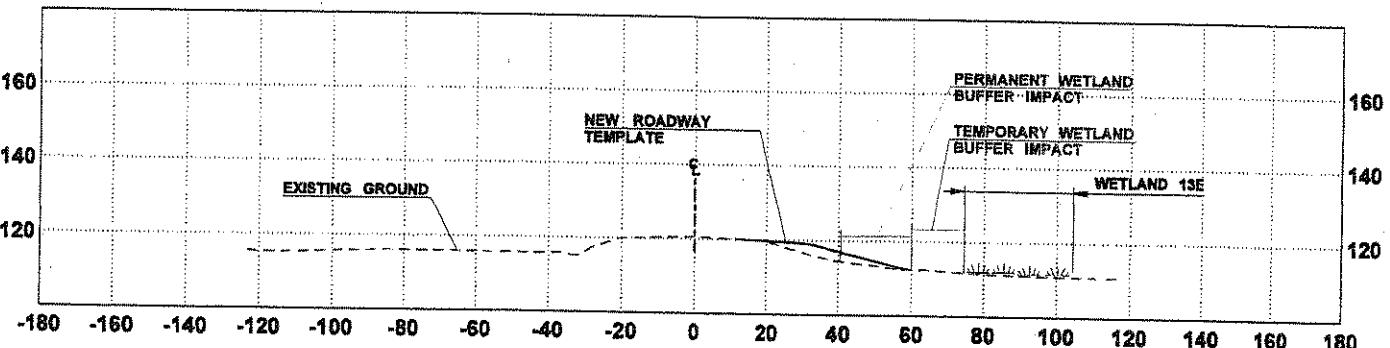
DATE: JUNE 2008

Washington State
Department of Transportation

SHEET: 6 OF: 36



(NAVD) 89



SECTION E

LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	EE → EE ECOLOGY EMBANKMENT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	NEW FILL LINE
	NEW CUT LINE
	CENTER LINE AND TIC
	WETLAND SYMBOL
	WETLAND BOUNDARY
	WETLAND BUFFER
	STREAM BUFFER
	NEW CULVERT
	EXISTING CULVERT
	ST → ST STORM SEWER PIPE
	OHW → OHW ORDINARY HIGH WATER MARK
	RIGHT OF WAY
	NEW EDGE OF PAVEMENT
	EXISTING GRAVEL EDGE
	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

DOE CATEGORY	IV	IV
WETLAND AREA	741 (0.02)	576 (0.01)
PERMANENT DIRECT WETLAND IMPACT	741 (0.02)	0
TEMPORARY WETLAND IMPACT	NA	0
PERMANENT INDIRECT WETLAND IMPACT	NA	0
PERMANENT WETLAND BUFFER IMPACT	NA	1,881 (0.04)
TEMPORARY WETLAND BUFFER IMPACT	NA	1,449 (0.03)

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT INFORMATION

**APPLICANT: WSDOT
COUNTY: SNOHOMISH**

**COIN: SHURE
NEAR: STANWOC**

WATER BODY: STILLAGUAMISH

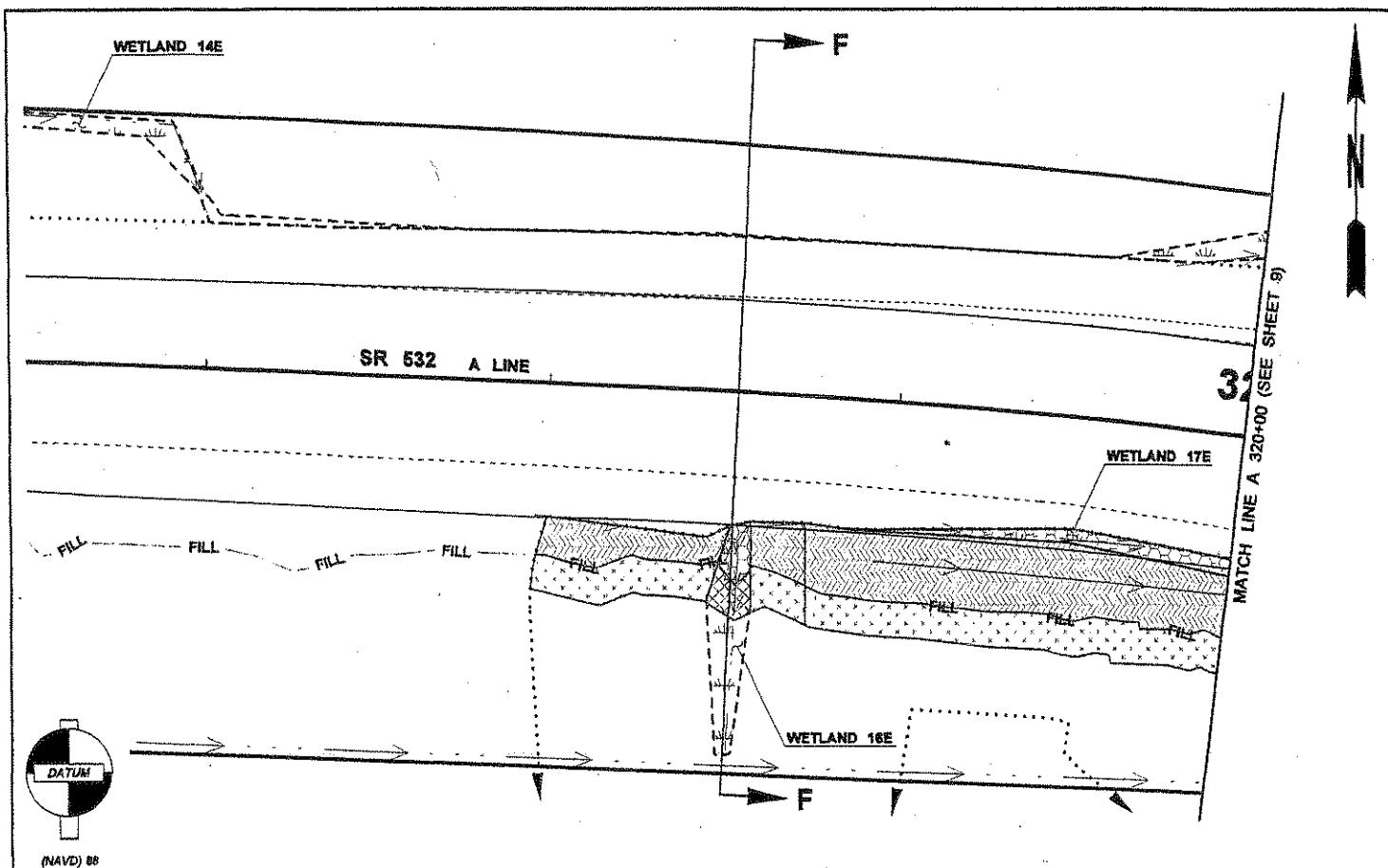
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REFERENCE: NWS-2008-1082-SOD

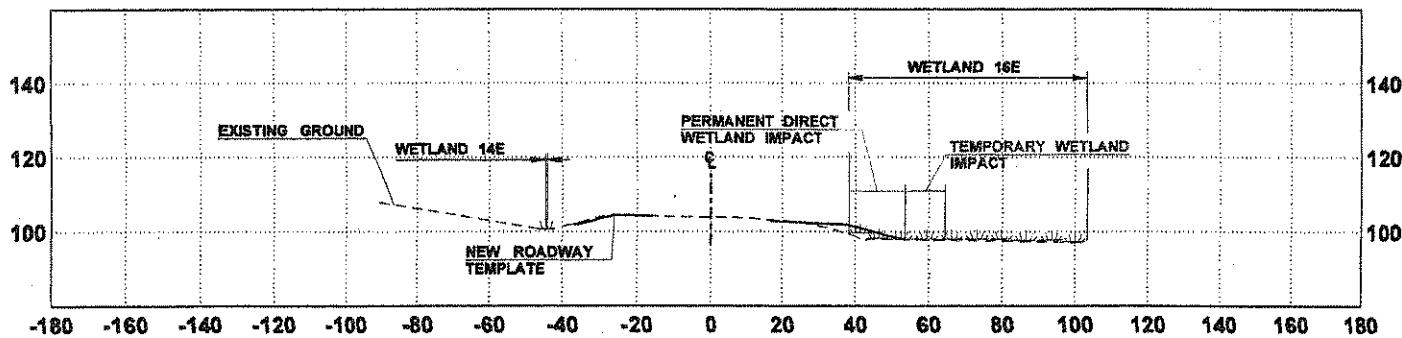
DATE: JUNE 2008



Washington State
Department of Transportation



(NAVD) 88



NOTE:
SECTION SCALE 80:1
EXAGGERATED 1:1

SECTION F

318+54

LEGEND	
PERMANENT DIRECT WETLAND IMPACT	STREAM BUFFER
PERMANENT INDIRECT WETLAND IMPACT	NEW CULVERT
PERMANENT WETLAND BUFFER IMPACT	EXISTING CULVERT
TEMPORARY WETLAND IMPACT	STORM SEWER PIPE
TEMPORARY WETLAND BUFFER IMPACT	ORDINARY HIGH WATER MARK
PERMANENT STREAM IMPACT	RIGHT OF WAY
PERMANENT STREAM BUFFER IMPACT	NEW EDGE OF PAVEMENT
TEMPORARY STREAM IMPACT	EXISTING GRAVEL EDGE
PERMANENT STREAM BUFFER IMPACT	EXISTING PAVED EDGE
TEMPORARY STREAM IMPACT	WETLAND SYMBOL
	WETLAND BOUNDARY

WETLAND QUANTITIES		
	SO. FT. (ACRES)	
WETLAND #	16E	17E
DOE CATEGORY	IV	IV
WETLAND AREA	566 (0.01)	2.745 (0.05)
PERMANENT DIRECT WETLAND IMPACT	121 (0.001)	1.201 (0.03)
TEMPORARY WETLAND IMPACT	131 (0.001)	449 (0.01)
PERMANENT INDIRECT WETLAND IMPACT	0	0
PERMANENT WETLAND BUFFER IMPACT	740 (0.02)	2.847 (0.07)
TEMPORARY WETLAND BUFFER IMPACT	703 (0.02)	1.686 (0.04)

0 25 50
SCALE IN FEET

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

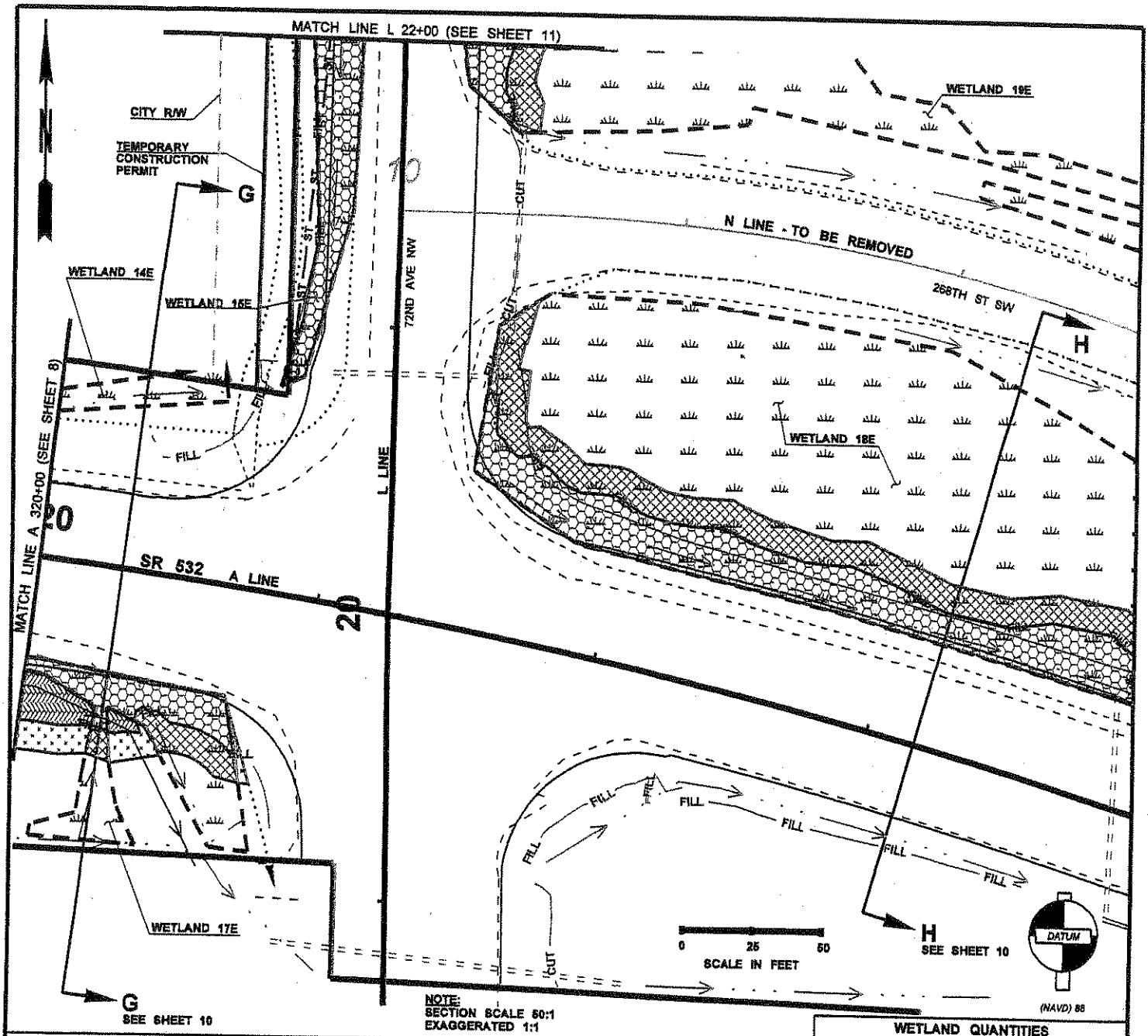
WATER BODY: STILLAGUAMISH

REFERENCE: NWS-2008-1082-SOD

DATE: JUNE 2008


Washington State
Department of Transportation

SHEET: 8 OF: 38



LEGEND

	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT
	PERMANENT INDIRECT WETLAND IMPACT		ECOLOGY EMBANKMENT
	PERMANENT WETLAND BUFFER IMPACT		CUTFALL PROTECTION
	TEMPORARY WETLAND IMPACT		NEW DITCH
	TEMPORARY WETLAND BUFFER IMPACT		EXISTING DITCH
	PERMANENT STREAM IMPACT		NEW FILL LINE
	PERMANENT STREAM BUFFER IMPACT		NEW CUT LINE
	TEMPORARY STREAM IMPACT		CENTER LINE AND TIC
			WETLAND SYMBOL
			WETLAND BUFFER

PURPOSE: SR 632 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

WATER BODY: STILLAGUAMISH

REFERENCE: NWS-2008-1062-SOD

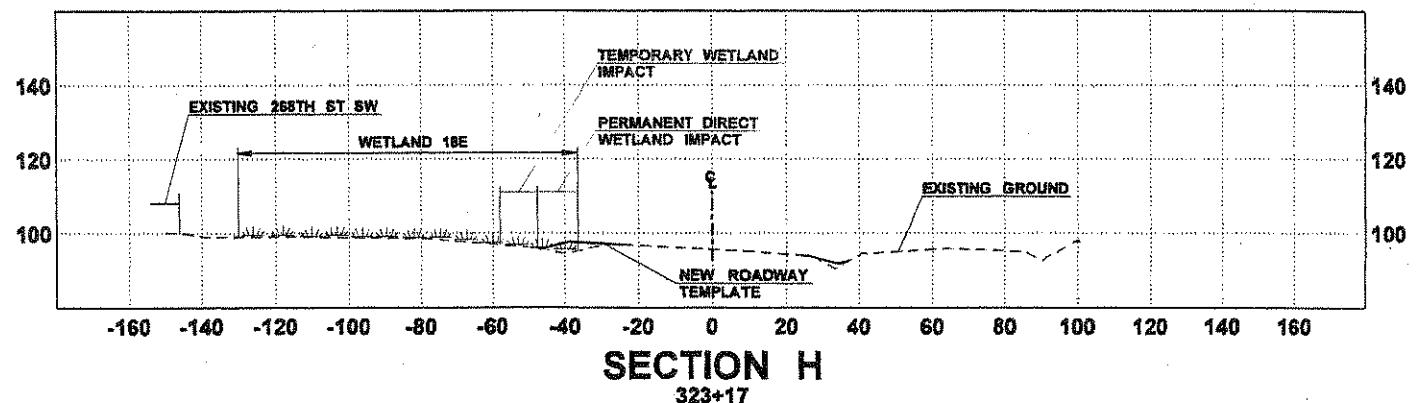
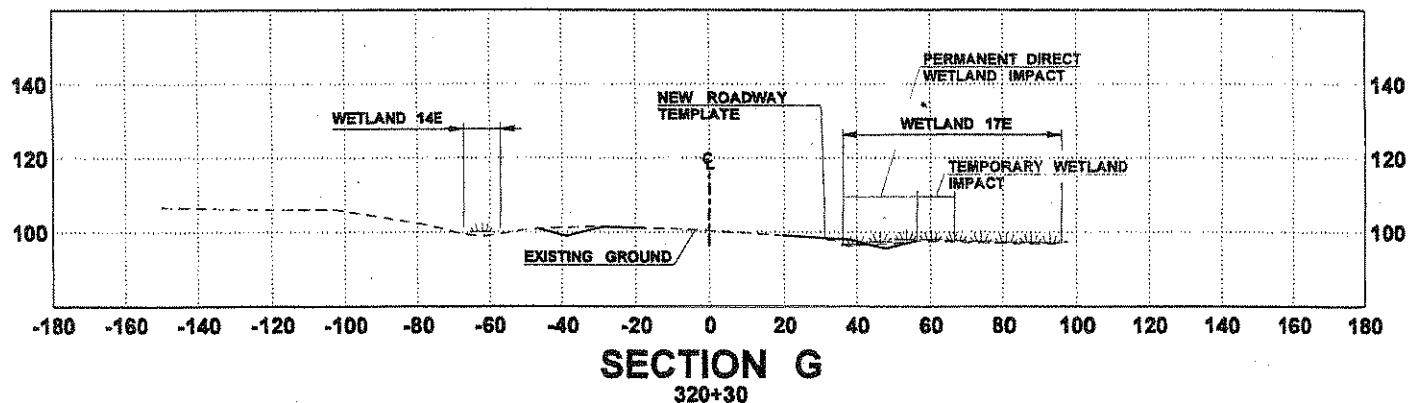
DATE: JUNE 2008

WETLAND QUANTITIES SQ. FT. (ACRES)

WETLAND #	15E	17E	18E	19E
DOE CATEGORY	IV	IV	IV	IV
WETLAND AREA	7,324 (0.17)	2,745 (0.06)	27,175 (0.62)	64,123 (1.47)
PERMANENT DIRECT WETLAND IMPACT	7,324 (0.17)	1,201 (0.03)	4,365 (0.10)	9,053 (0.21)
TEMPORARY WETLAND IMPACT	0	446 (0.01)	3,685 (0.08)	3,928 (0.09)
PERMANENT INDIRECT WETLAND IMPACT	0	0	0	0
PERMANENT WETLAND BUFFER IMPACT	0	2,847 (0.07)	6,147 (0.14)	33,222 (0.76)
TEMPORARY WETLAND BUFFER IMPACT	0	1,885 (0.04)	2,407 (0.06)	8,815 (0.20)



Washington State
Department of Transportation

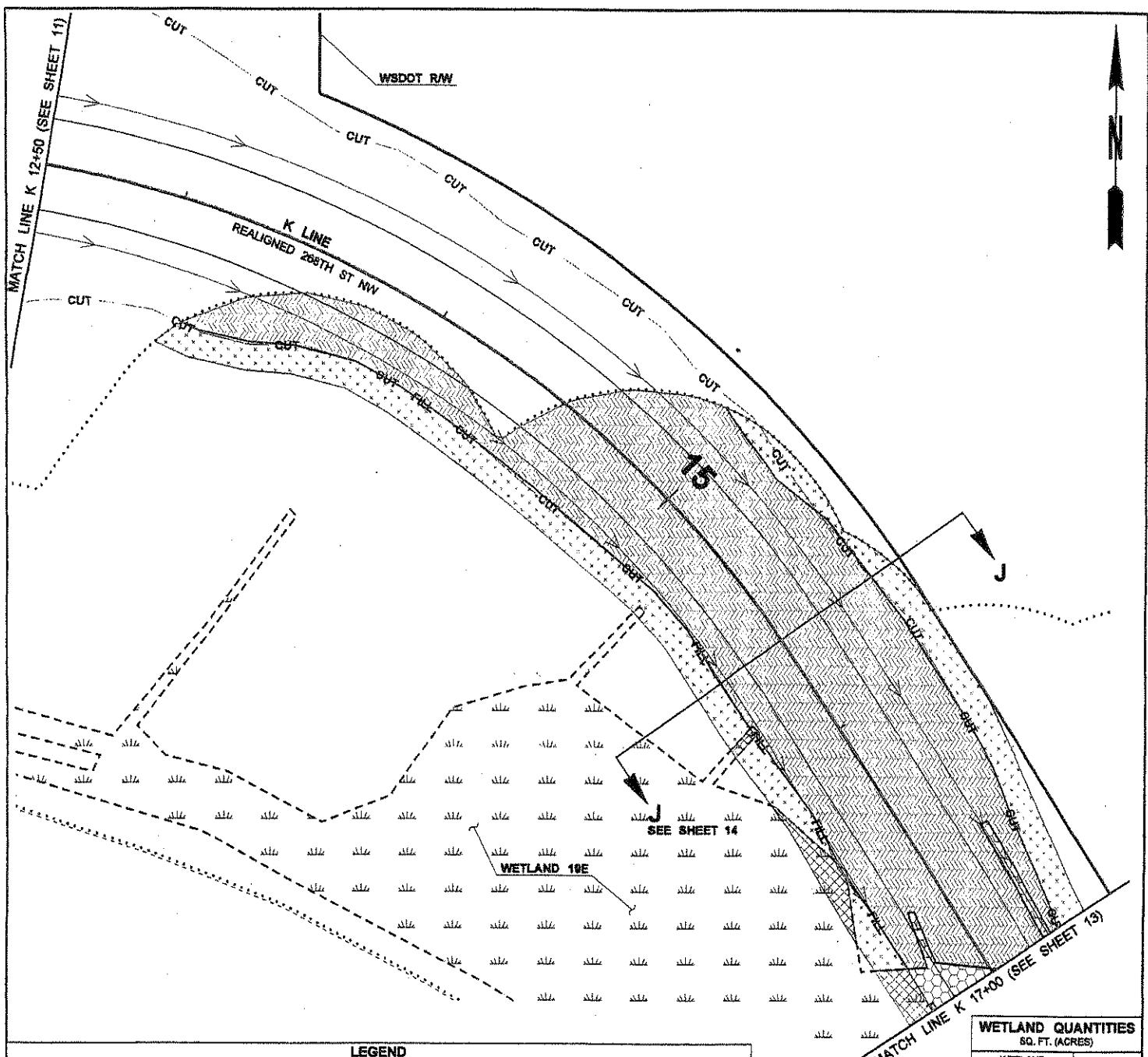


NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
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APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008


Washington State
Department of Transportation
SHEET: 10 OF: 38


LEGEND

PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT	
PERMANENT INDIRECT WETLAND IMPACT		EE → EE → ECOLOGY EMBANKMENT	
PERMANENT WETLAND BUFFER IMPACT		OUTFALL PROTECTION	
TEMPORARY WETLAND IMPACT		NEW DITCH	
TEMPORARY WETLAND BUFFER IMPACT		EXISTING DITCH	
PERMANENT STREAM IMPACT		FILL	
PERMANENT STREAM BUFFER IMPACT		CUT	
TEMPORARY STREAM IMPACT		CENTER LINE AND TIC	
TEMPORARY STREAM BUFFER IMPACT		WETLAND SYMBOL	
TEMPORARY STREAM IMPACT		WETLAND BOUNDARY	
TEMPORARY STREAM BUFFER IMPACT		WETLAND BUFFER	

STREAM BUFFER
NEW CULVERT
EXISTING CULVERT
ST → ST → STORM SEWER PIPE
OHW → OHW → ORDINARY HIGH WATER MARK
RIGHT OF WAY
NEW EDGE OF PAVEMENT
EXISTING GRAVEL EDGE
EXISTING PAVED EDGE
NEW CATCH BASIN
NEW MANHOLE

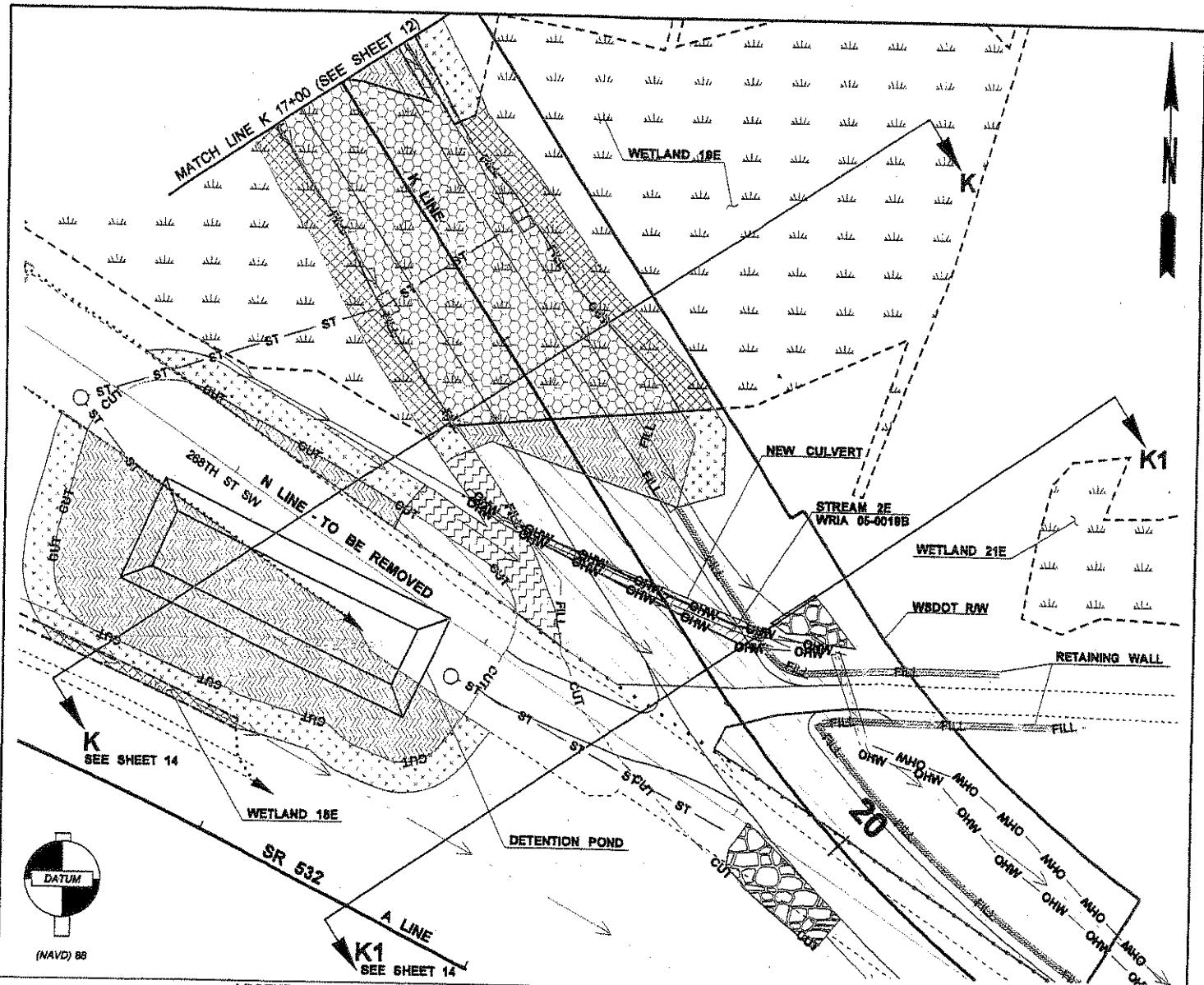
SCALE IN FEET
0 25 50

WETLAND QUANTITIES SQ. FT. (ACRES)	
WETLAND #	18E
DOE CATEGORY	IV
WETLAND AREA	84,123 (1.47)
PERMANENT DIRECT WETLAND IMPACT	8,053 (0.21)
TEMPORARY WETLAND IMPACT	3,028 (0.09)
PERMANENT INDIRECT WETLAND IMPACT	0
PERMANENT WETLAND BUFFER IMPACT	33,282 (0.76)
TEMPORARY WETLAND BUFFER IMPACT	8,815 (0.20)

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008

Washington State
Department of Transportation
SHEET: 12 OF: 38



LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	PERMANENT STREAM BUFFER IMPACT
	TEMPORARY STREAM IMPACT
	TEMPORARY STREAM BUFFER IMPACT
	NEW CATCH BASIN
	NEW MANHOLE
	OUTFALL PROTECTION
EE → EE	ECOLOGY EMBANKMENT
→ NEW DITCH	
→ EXISTING DITCH	
— FILL	NEW FILL LINE
— CUT	NEW CUT LINE
— CENTER LINE AND TIC	
— WETLAND SYMBOL	
— WETLAND BOUNDARY	
— WETLAND BUFFER	
— STREAM BUFFER	
— NEW CULVERT	
— EXISTING CULVERT	
— ST — ST	STORM SEWER PIPE
— OHW — OHW	ORDINARY HIGH WATER MARK
— RIGHT OF WAY	
— NEW EDGE OF PAVEMENT	
— EXISTING GRAVEL EDGE	
— EXISTING PAVED EDGE	

NOTE:
FOR STREAM RELOCATION,
SEE MITIGATION PLANS.

0 25 50
SCALE IN FEET

STREAM 2E QUANTITIES			
	EQ. FT.	ACRES	LINEAR FT.
PERMANENT STREAM IMPACT	338	0.01	88
TEMPORARY STREAM IMPACT	53	0.00	24
PERMANENT STREAM BUFFER IMPACT	6,033	0.14	0
TEMPORARY STREAM BUFFER IMPACT	880	0.02	0

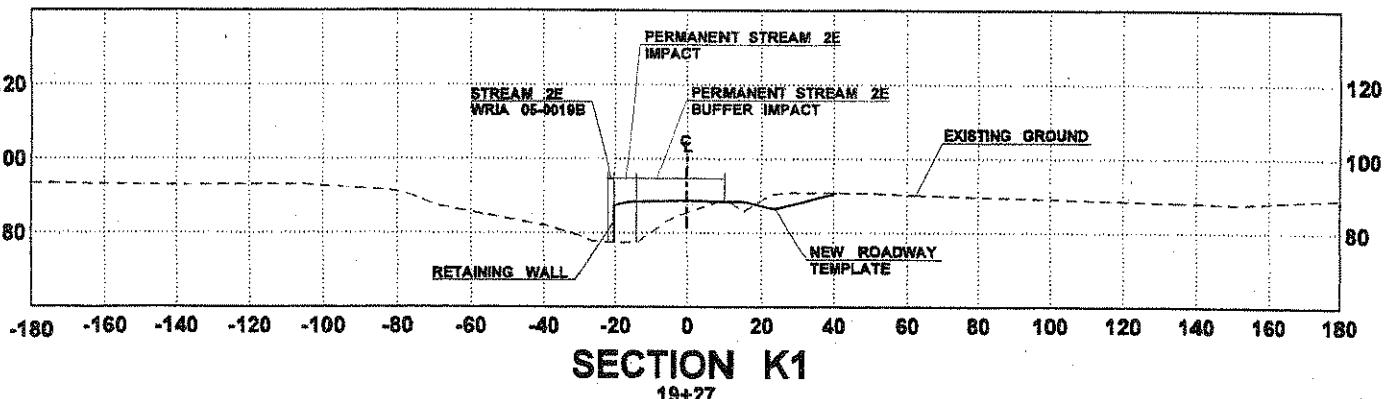
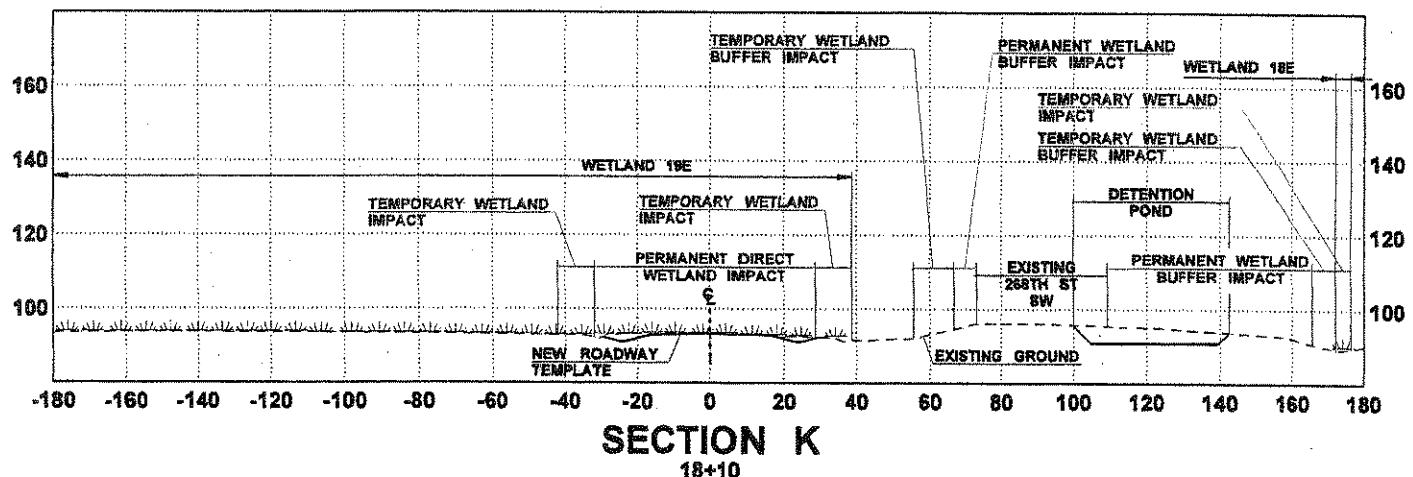
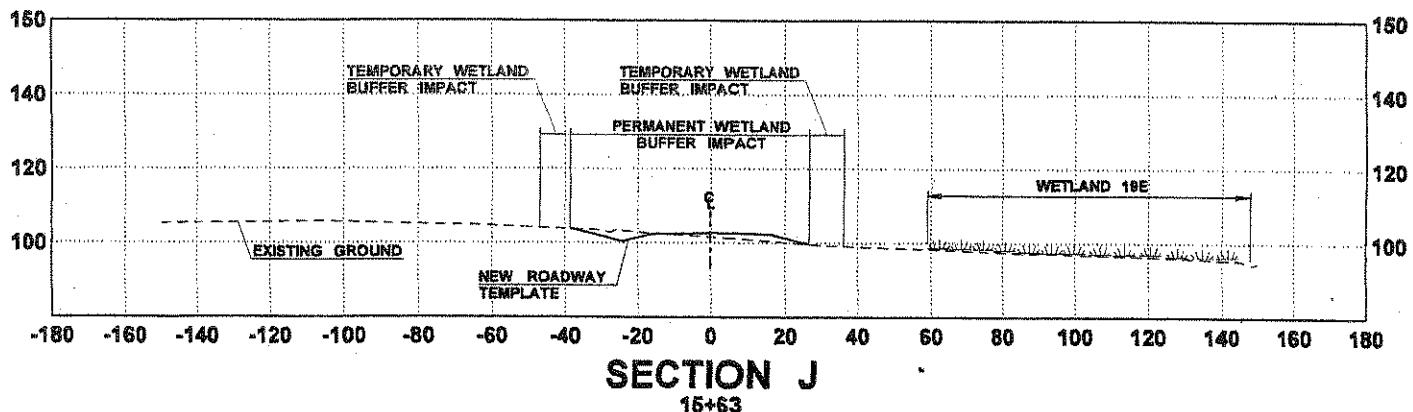
WETLAND QUANTITIES SQ. FT. (ACRES)		
WETLAND #	18E	18E
DOE CATEGORY	IV	IV
WETLAND AREA	27,176 (0.62)	64,123 (1.47)
PERMANENT DIRECT WETLAND IMPACT	4,385 (0.10)	8,053 (0.21)
TEMPORARY WETLAND IMPACT	3,685 (0.08)	3,826 (0.09)
PERMANENT INDIRECT WETLAND IMPACT	0	0
PERMANENT WETLAND BUFFER IMPACT	6,147 (0.14)	33,232 (0.76)
TEMPORARY WETLAND BUFFER IMPACT	2,407 (0.06)	8,816 (0.20)

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008



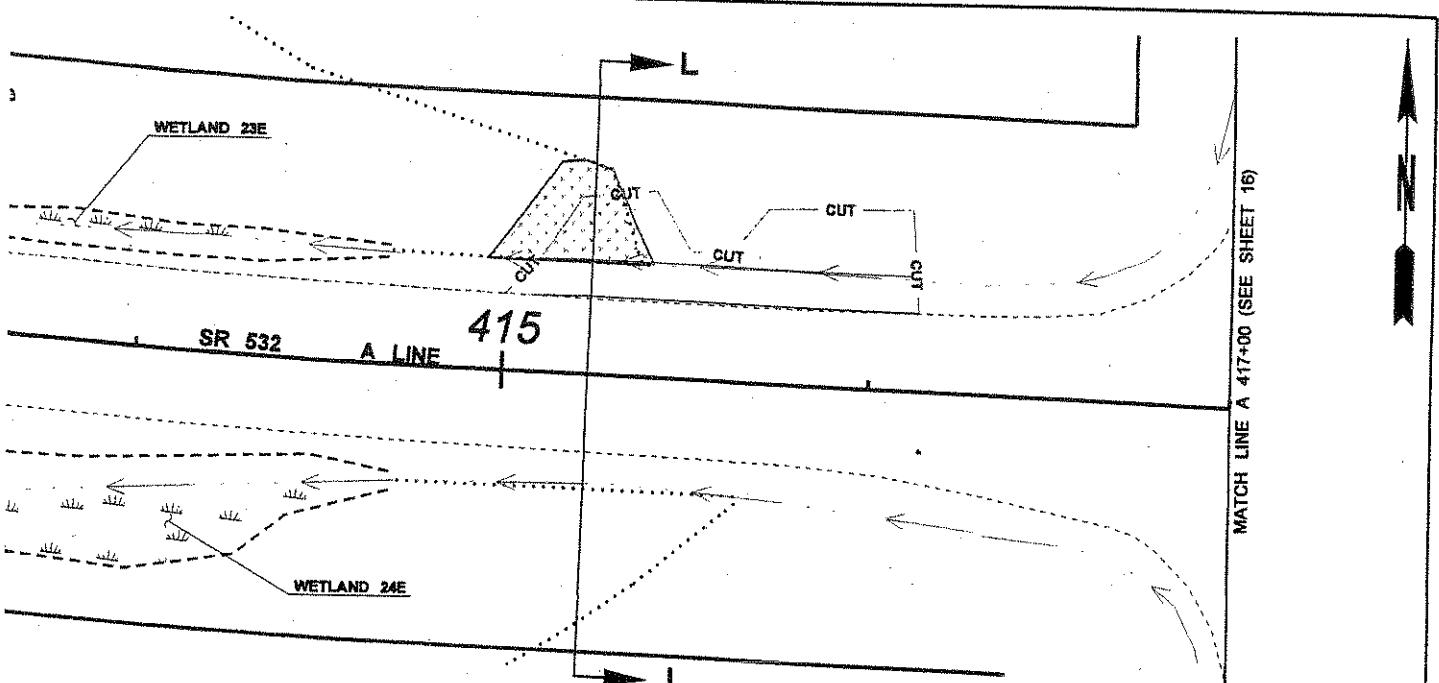
Washington State
Department of Transportation
SHEET: 13 OF: 38



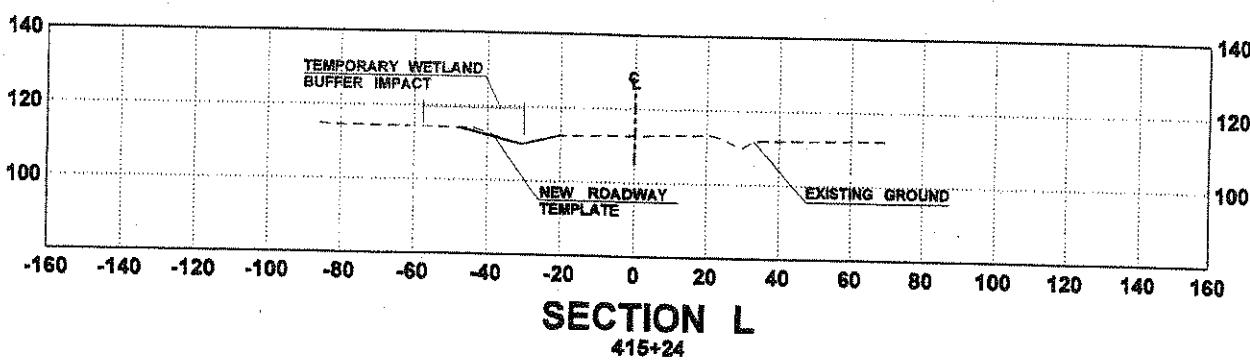
NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS	APPLICANT: WSDOT
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W	COUNTY: SNOHOMISH
DATUM: NAVD 88	NEAR: STANWOOD
	WATER BODY: STILLAGUAMISH
	REFERENCE: NWS-2008-1082-SOD
	DATE: JUNE 2008





MATCH LINE A 417+00 (SEE SHEET 16)



SECTION L

415+24



(NAVD) 88

LEGEND	
PERMANENT DIRECT WETLAND IMPACT	
PERMANENT INDIRECT WETLAND IMPACT	
PERMANENT WETLAND BUFFER IMPACT	
TEMPORARY WETLAND IMPACT	
TEMPORARY WETLAND BUFFER IMPACT	
PERMANENT STREAM IMPACT	
PERMANENT STREAM BUFFER IMPACT	
TEMPORARY STREAM IMPACT	
EE	
EE	
OUTFALL PROTECTION	
NEW DITCH	
EXISTING DITCH	
NEW FILL LINE	
CENTER LINE AND TIC	
WETLAND SYMBOL	
WETLAND BOUNDARY	
WETLAND BUFFER	
STREAM BUFFER	
NEW CULVERT	
EXISTING CULVERT	
ST	
ST	
STORM SEWER PIPE	
OHW	
OHW	
ORDINARY HIGH WATER MARK	
RIGHT OF WAY	
NEW EDGE OF PAVEMENT	
EXISTING GRAVEL EDGE	
EXISTING PAVED EDGE	
NEW CATCH BASIN	
NEW MANHOLE	

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

0 25 50
SCALE IN FEET

WETLAND QUANTITIES	
SQ. FT. (ACRES)	
WETLAND E	23E
DOE CATEGORY	III
WETLAND AREA	217,788 (5.00)
PERMANENT DIRECT WETLAND IMPACT	0
TEMPORARY WETLAND IMPACT	0
PERMANENT INDIRECT WETLAND IMPACT	0
PERMANENT WETLAND BUFFER IMPACT	0
TEMPORARY WETLAND BUFFER IMPACT	782 (0.02)

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

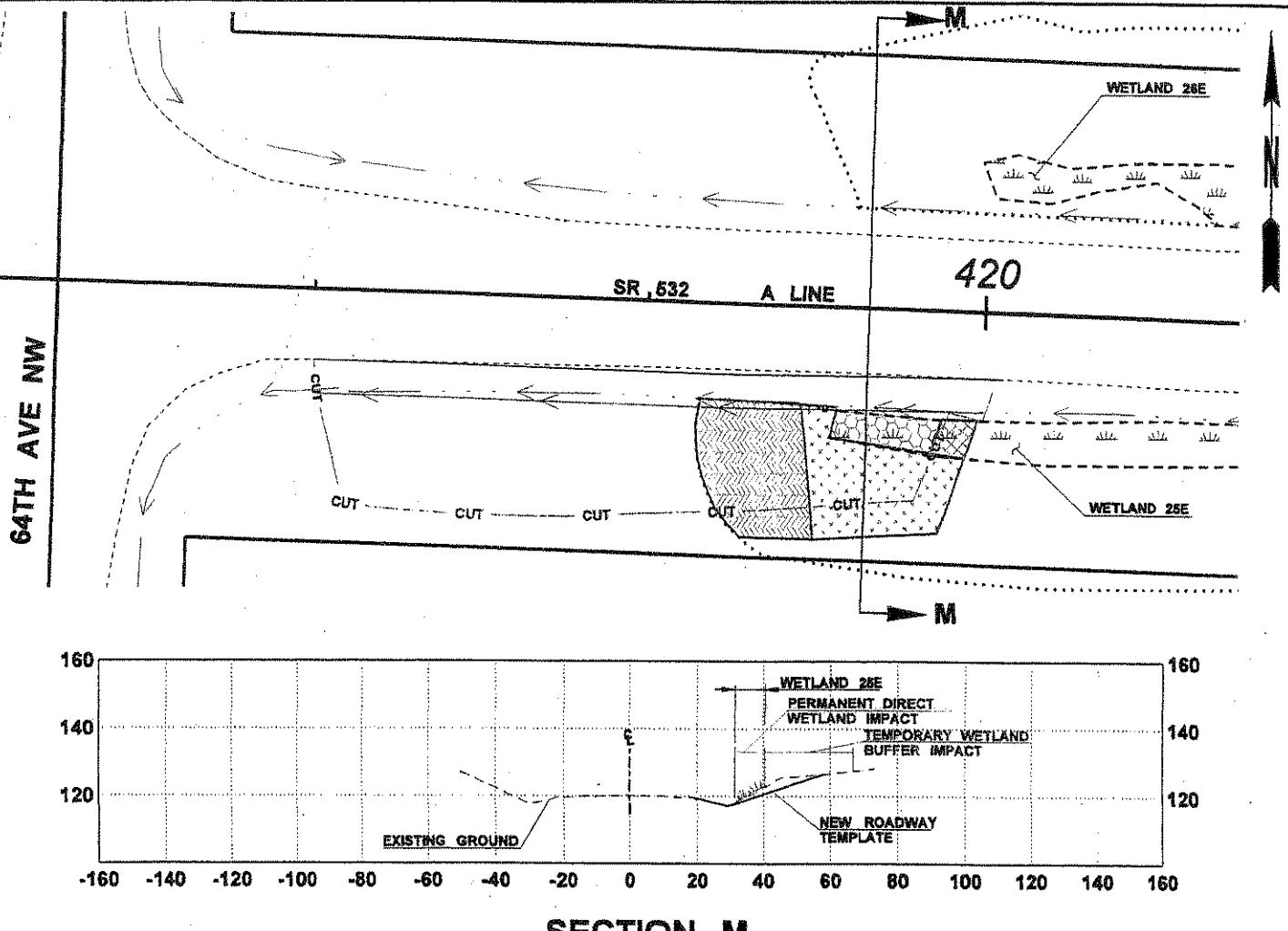
WATER BODY: STILLAGUAMISH

REFERENCE: NWS-2008-1082-SOD

DATE: JUNE 2008

Washington State
Department of Transportation
SHEET: 15 OF: 38

MATCH LINE A 417+00 (SEE SHEET 15)



(NAVD) 88

		LEGEND	
	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT
	PERMANENT INDIRECT WETLAND IMPACT	EE	EE
	PERMANENT WETLAND BUFFER IMPACT		ECOLOGY EMBANKMENT
	TEMPORARY WETLAND IMPACT		OUTFALL PROTECTION
	TEMPORARY WETLAND BUFFER IMPACT		NEW DITCH
	PERMANENT STREAM IMPACT		EXISTING DITCH
	PERMANENT STREAM BUFFER IMPACT		FILL
	TEMPORARY STREAM IMPACT		CUT
			NEW FILL LINE
			NEW CUT LINE
			CENTER LINE AND TIC
			WETLAND SYMBOL
			WETLAND BOUNDARY
			WETLAND BUFFER
			STREAM BUFFER
			NEW CULVERT
			EXISTING CULVERT
			STORM SEWER PIPE
			ORDINARY HIGH WATER MARK
			RIGHT OF WAY
			NEW EDGE OF PAVEMENT
			EXISTING GRAVEL EDGE
			EXISTING PAVED EDGE
			NEW CATCH BASIN
			NEW MANHOLE

NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

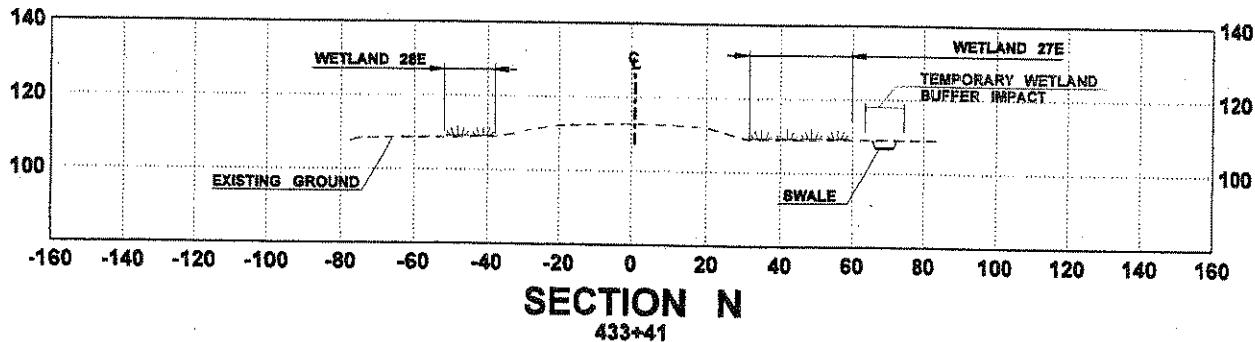
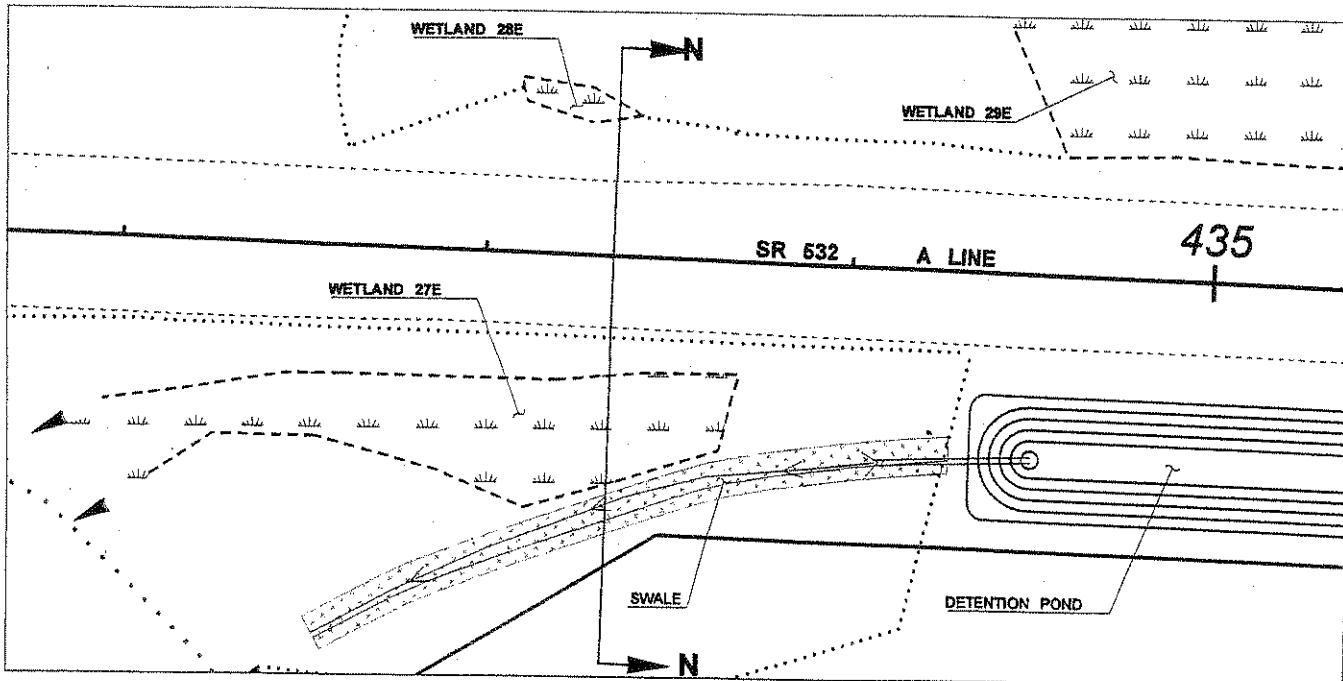


WETLAND QUANTITIES SQ. FT. (ACRES)	
WETLAND #	25E
DOE CATEGORY	IV
WETLAND AREA	4,224 (0.10)
PERMANENT DIRECT WETLAND IMPACT	293 (0.01)
TEMPORARY WETLAND (IMPACT)	116 (<0.01)
PERMANENT INDIRECT WETLAND IMPACT	0
PERMANENT WETLAND BUFFER (IMPACT)	1,220 (0.03)
TEMPORARY WETLAND BUFFER (IMPACT)	1,203 (0.03)

**PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88**

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008

The logo consists of a circular emblem containing a stylized lowercase 'w' or 't' shape, with horizontal lines extending from its center.



(NAVD) 88

LEGEND

PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT	
PERMANENT INDIRECT WETLAND IMPACT		ECOLOGY EMBANKMENT	
PERMANENT WETLAND BUFFER IMPACT		OUTFALL PROTECTION	
TEMPORARY WETLAND IMPACT		NEW DITCH	
TEMPORARY WETLAND BUFFER IMPACT		EXISTING DITCH	
PERMANENT STREAM IMPACT		FILL	
PERMANENT STREAM BUFFER IMPACT		CUT	
TEMPORARY STREAM IMPACT		CENTER LINE AND TIC	
PERMANENT STREAM BUFFER IMPACT		WETLAND SYMBOL	
TEMPORARY STREAM IMPACT		WETLAND BOUNDARY	
		WETLAND BUFFER	

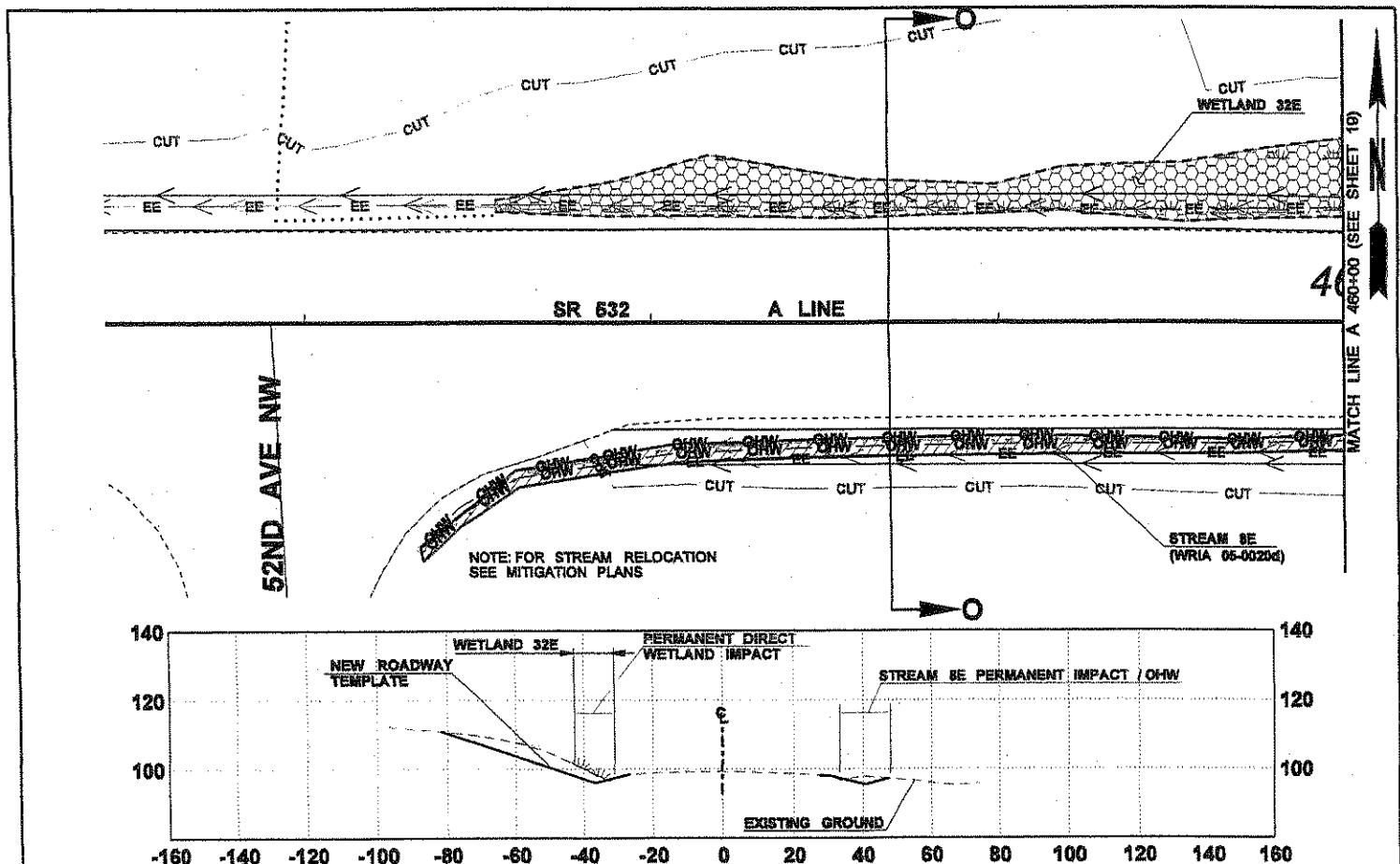
NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

0 25 50
SCALE IN FEET

WETLAND QUANTITIES	
WETLAND	SQ. FT. (ACRES)
28E	27E
DOE CATEGORY	III
WETLAND AREA	80,492 (0.70)
PERMANENT DIRECT WETLAND IMPACT	0
TEMPORARY WETLAND IMPACT	0
PERMANENT INDIRECT WETLAND IMPACT	0
PERMANENT WETLAND BUFFER IMPACT	0
TEMPORARY WETLAND BUFFER IMPACT	1,813 (0.04)

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS	APPLICANT: WSDOT
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W	COUNTY: SNOHOMISH
DATUM: NAVD 88	NEAR: STANWOOD
	WATER BODY: STILLAGUAMISH
	REFERENCE: NWS-2008-1082-SOD
	DATE: JUNE 2008

Washington State
Department of Transportation
SHEET: 17 OF: 38



SECTION 0

458+67



(NAVD) 88

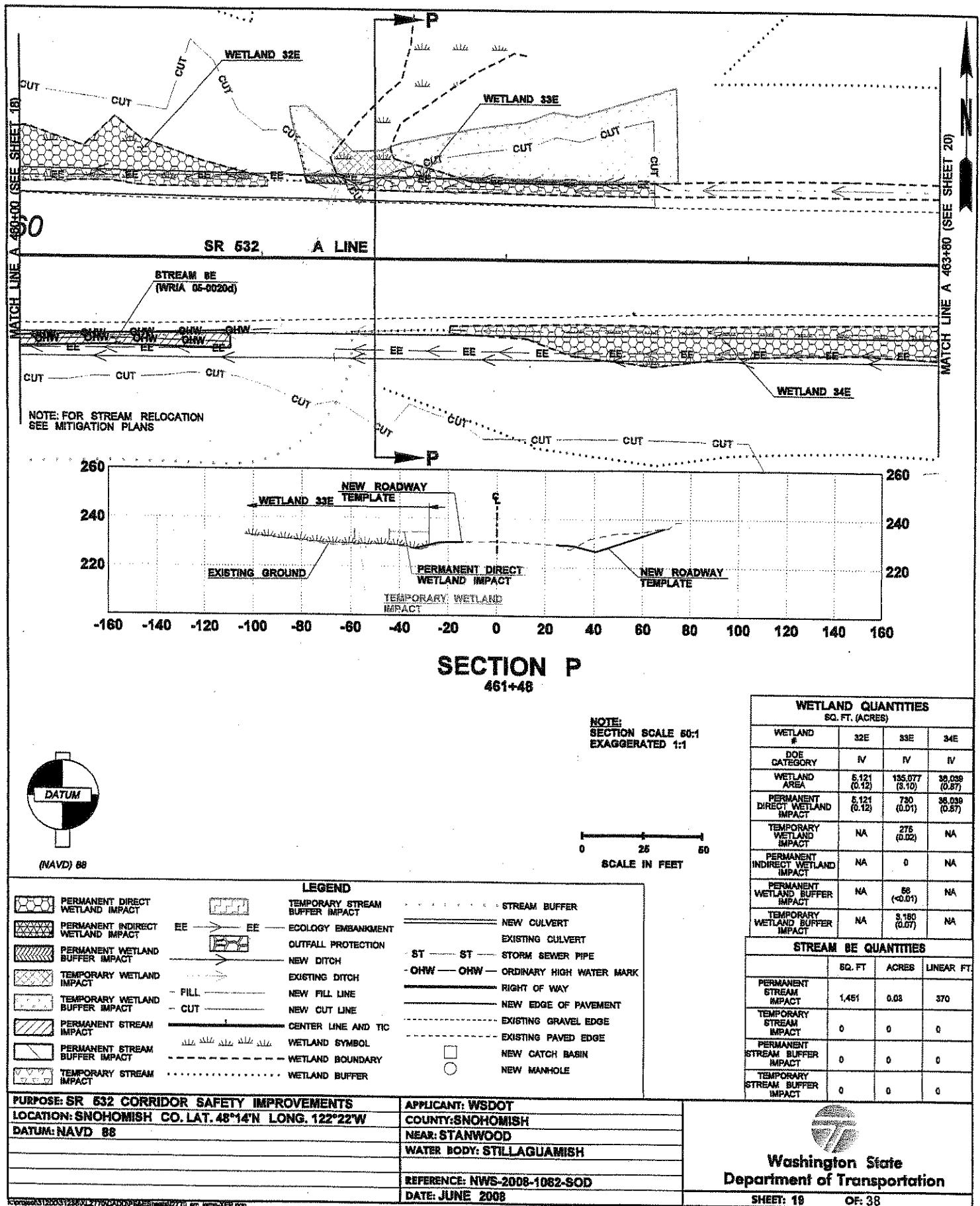
LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	TEMPORARY STREAM BUFFER IMPACT
	WETLAND SYMBOL
	WETLAND BOUNDARY
	WETLAND BUFFER
	STREAM BUFFER
	NEW CULVERT
	EXISTING CULVERT
	STORM SEWER PIPE
	ORDINARY HIGH WATER MARK
	RIGHT OF WAY
	NEW EDGE OF PAVEMENT
	EXISTING GRAVEL EDGE
	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

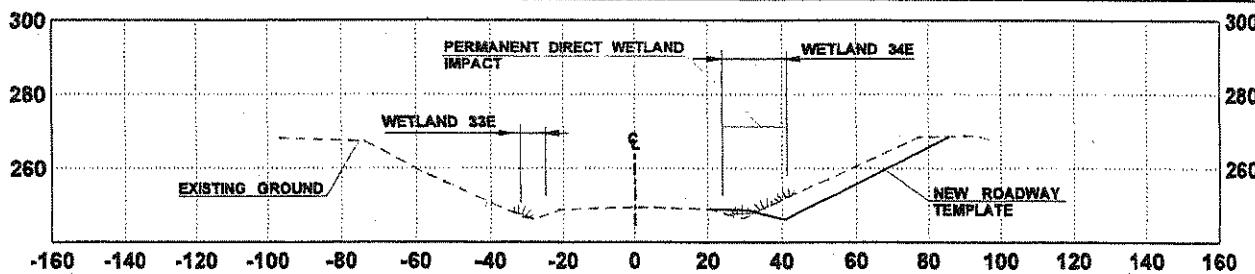
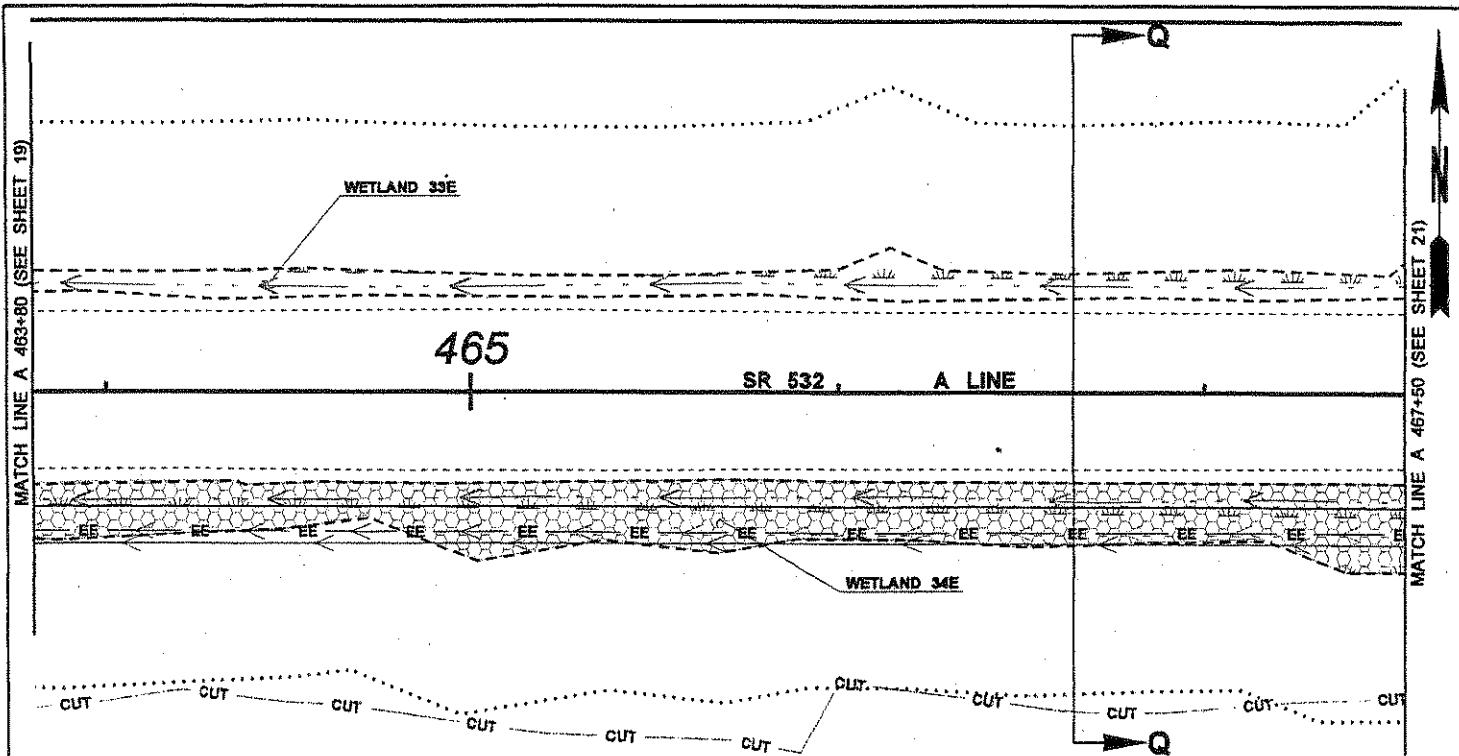
PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS	APPLICANT: WSDOT
LOCATION: SNOHOMISH CO. LAT. 46°14'N LONG. 122°22'W	COUNTY: SNOHOMISH
DATUM: NAVD 88	NEAR: STANWOOD
	WATER BODY: STILLAGUAMISH
	REFERENCE: NWS-2008-1082-SOD
	DATE: JUNE 2008

WETLAND QUANTITIES	
SQ. FT. (ACRES)	
WETLAND #	S2E
DOE CATEGORY	IV
WETLAND AREA	5,121 (0.12)
PERMANENT DIRECT WETLAND IMPACT	5,121 (0.12)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

STREAM SE QUANTITIES			
	SQ. FT.	ACRES	LINEAR FT.
PERMANENT STREAM IMPACT	1,481	0.03	370
TEMPORARY STREAM IMPACT	0	0	0
PERMANENT STREAM BUFFER IMPACT	0	0	0
TEMPORARY STREAM BUFFER IMPACT	0	0	0

Washington State
Department of Transportation





SECTION Q

466+64



(NAVD) 88

LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	PERMANENT STREAM BUFFER IMPACT
	TEMPORARY STREAM IMPACT
	EE → EE ECOLOGY EMBANKMENT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	FILL
	CUT
	CENTER LINE AND TIC
	WETLAND SYMBOL
	WETLAND BOUNDARY
.....	STREAM BUFFER
-----	NEW CULVERT
.....	EXISTING CULVERT
ST — ST	STORM SEWER PIPE
OHW — OHW	ORDINARY HIGH WATER MARK
—	RIGHT OF WAY
.....	NEW EDGE OF PAVEMENT
.....	EXISTING GRAVEL EDGE
.....	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

0 25 50
SCALE IN FEET

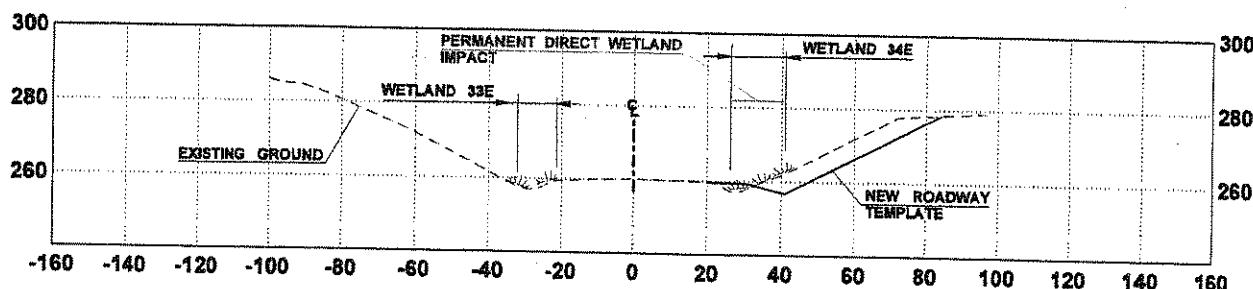
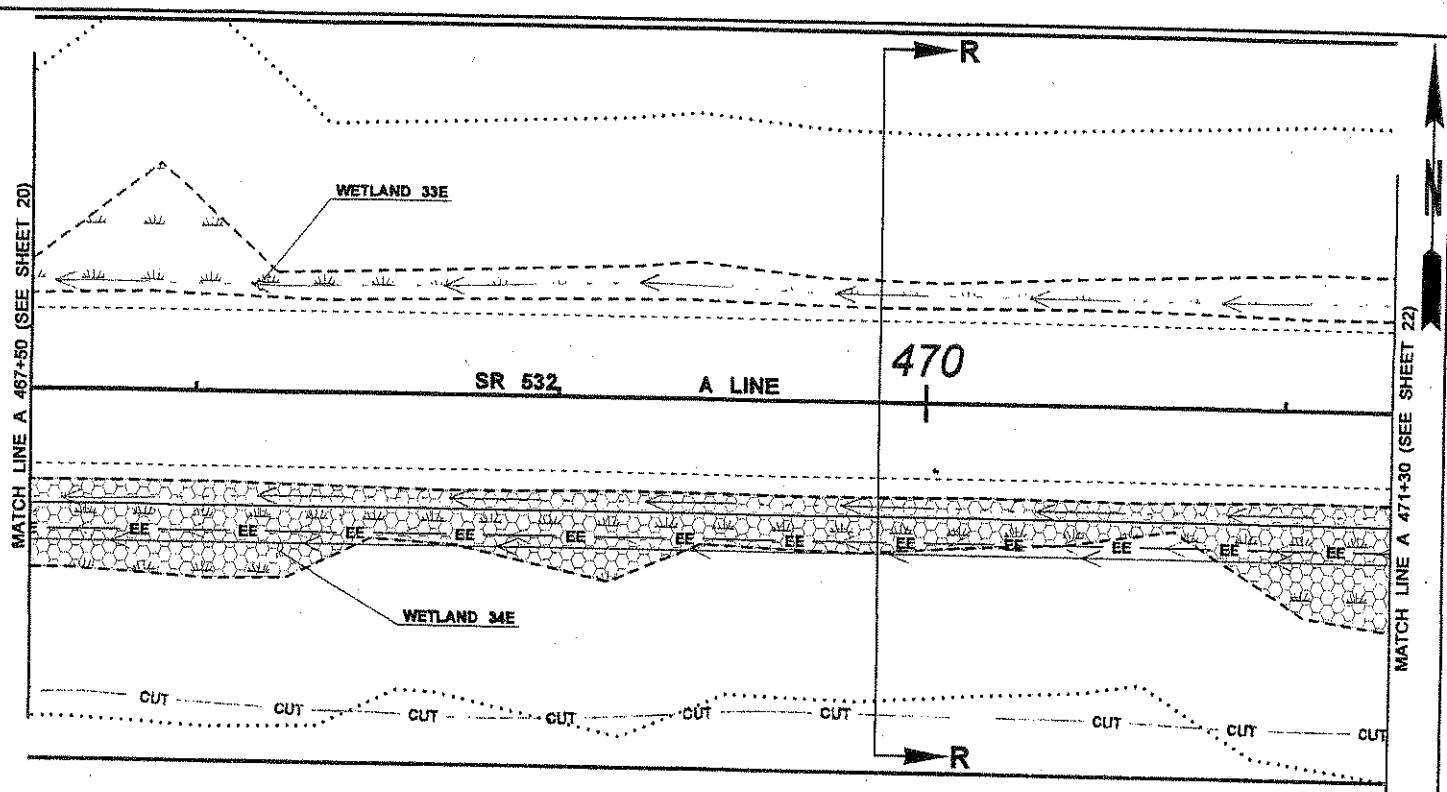
WETLAND QUANTITIES	
WETLAND #	SQ. FT. (ACRES)
WETLAND 34E	NA
DOE CATEGORY	IV
WETLAND AREA	38,030 (0.87)
PERMANENT DIRECT WETLAND IMPACT	38,030 (0.87)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008

Washington State
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SHEET: 20 OF: 38



(NAVD) 88

LEGEND

	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	PERMANENT STREAM BUFFER IMPACT
	TEMPORARY STREAM IMPACT

	TEMPORARY STREAM BUFFER IMPACT
	ECOLOGY EMBANKMENT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	NEW FILL LINE
	CUT
	CENTER LINE AND TIC
	WETLAND SYMBOL
	WETLAND BOUNDARY
	WETLAND BUFFER

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:4

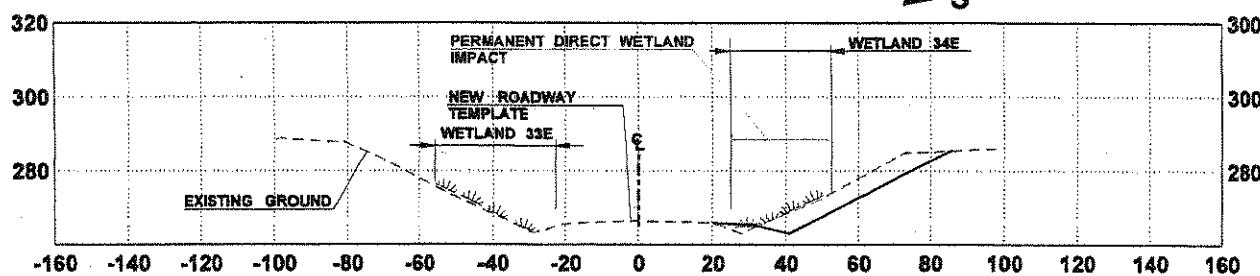
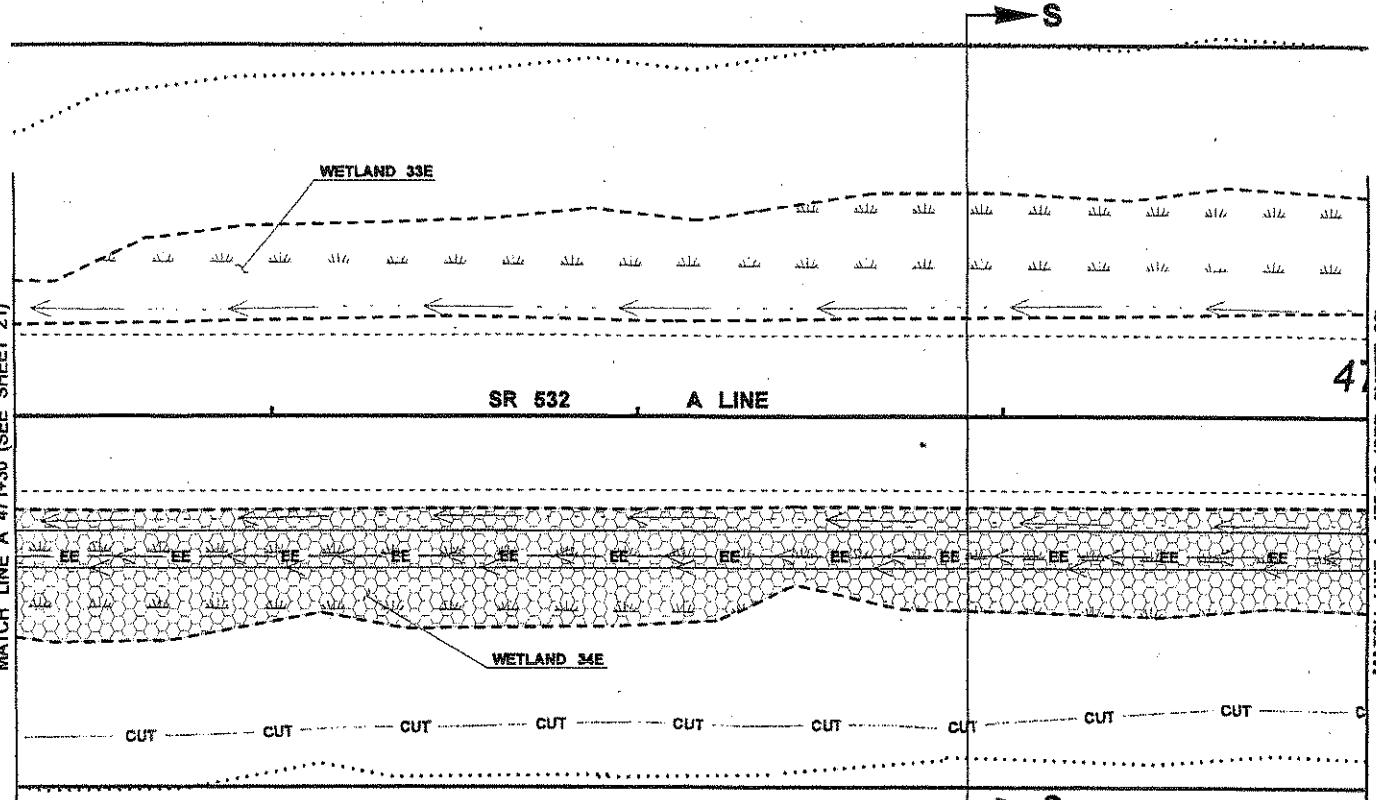
0 25 50
SCALE IN FEET

WETLAND QUANTITIES SO. FT. (ACRES)	
WETLAND #	34E
DOF CATEGORY	IV
WETLAND AREA	36,039 (0.67)
PERMANENT DIRECT WETLAND IMPACT	36,039 (0.67)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS	APPLICANT: WSDOT
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W	COUNTY: SNOHOMISH
DATUM: NAVD 88	NEAR: STANWOOD
	WATER BODY: STILLAGUAMISH
	REFERENCE: NWS-2008-1082-SOD
	DATE: JUNE 2008

Washington State
Department of Transportation
SHEET: 21 OF: 38

MATCH LINE A 474+30 (SEE SHEET 21)



(NAVD) 88

LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	TEMPORARY STREAM IMPACT
	TEMPORARY STREAM BUFFER IMPACT
	EE
	EE
	ECOLOGY EMBANKMENT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	NEW FILL LINE
	NEW CUT LINE
	CENTER LINE AND TIC
	WETLAND SYMBOL
	WETLAND BOUNDARY
	STREAM BUFFER
	NEW CULVERT
	EXISTING CULVERT
	ST
	ST
	OHW
	OHW
	ORDINARY HIGH WATER MARK
	RIGHT OF WAY
	NEW EDGE OF PAVEMENT
	EXISTING GRAVEL EDGE
	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

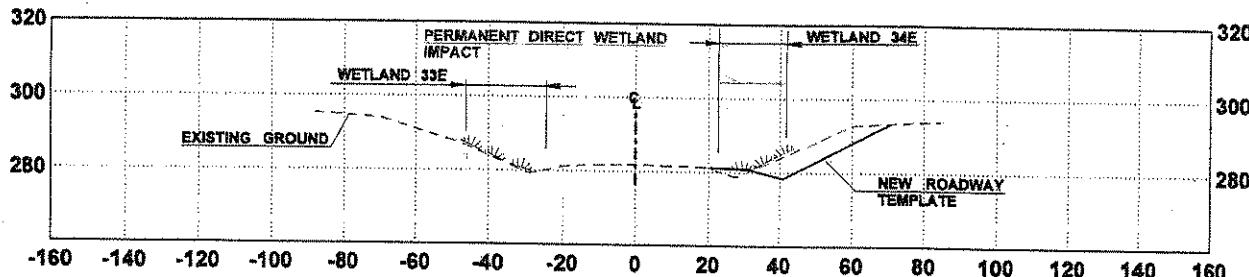
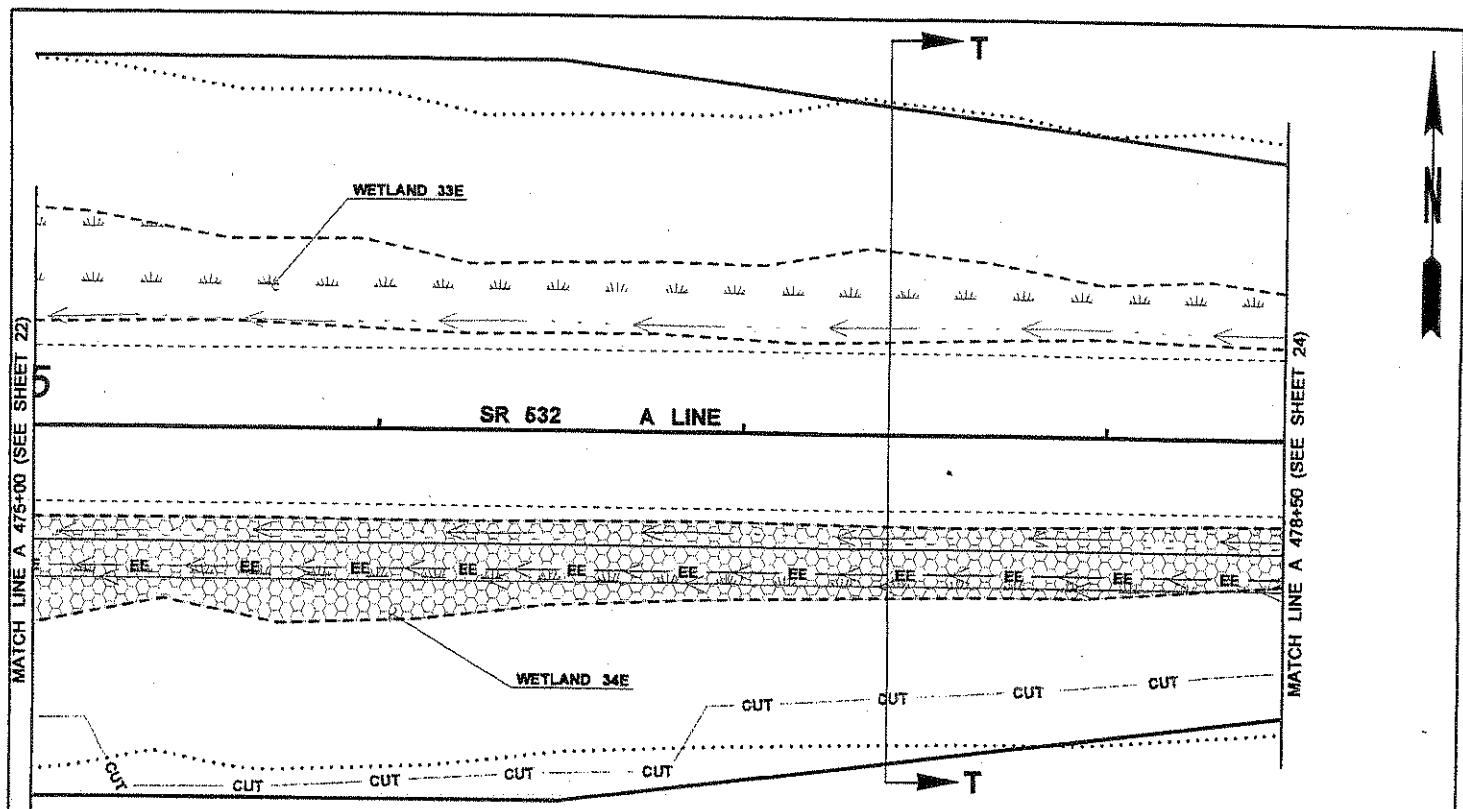
0 25 50
SCALE IN FEET

WETLAND QUANTITIES SQ. FT. (ACRES)	
WETLAND #	34E
DOE CATEGORY	IV
WETLAND AREA	36,036 (0.87)
PERMANENT DIRECT WETLAND IMPACT	36,036 (0.87)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS	APPLICANT: WSDOT
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W	COUNTY: SNOHOMISH
DATUM: NAVD 88	NEAR: STANWOOD
	WATER BODY: STILLAGUAMISH
	REFERENCE: NWS-2008-1082-SOD
	DATE: JUNE 2008

Washington State
Department of Transportation

SHEET: 22 OF: 38



(NAVD) 88

LEGEND

PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT		STREAM BUFFER
PERMANENT INDIRECT WETLAND IMPACT		EE → EE		NEW CULVERT
PERMANENT WETLAND BUFFER IMPACT				EXISTING CULVERT
TEMPORARY WETLAND IMPACT				ST — ST
TEMPORARY WETLAND BUFFER IMPACT		FILL		STORM SEWER PIPE
PERMANENT STREAM IMPACT		CUT		OHW — OHW
PERMANENT STREAM BUFFER IMPACT				ORDINARY HIGH WATER MARK
TEMPORARY STREAM IMPACT				RIGHT OF WAY
				NEW EDGE OF PAVEMENT
				EXISTING GRAVEL EDGE
				EXISTING PAVED EDGE
				NEW CATCH BASIN
				NEW MANHOLE

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

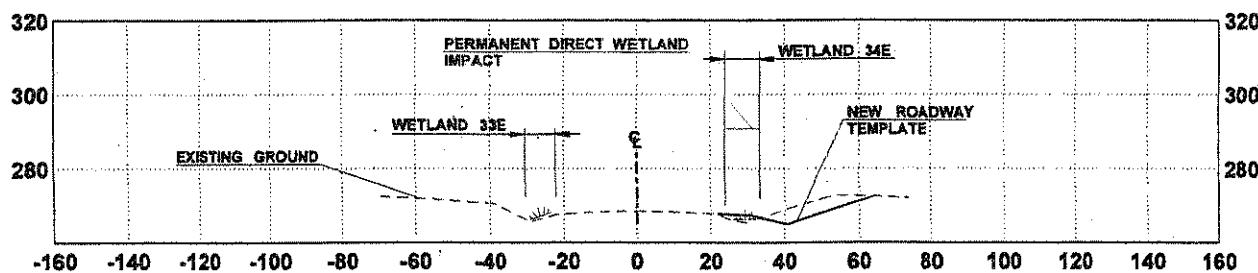
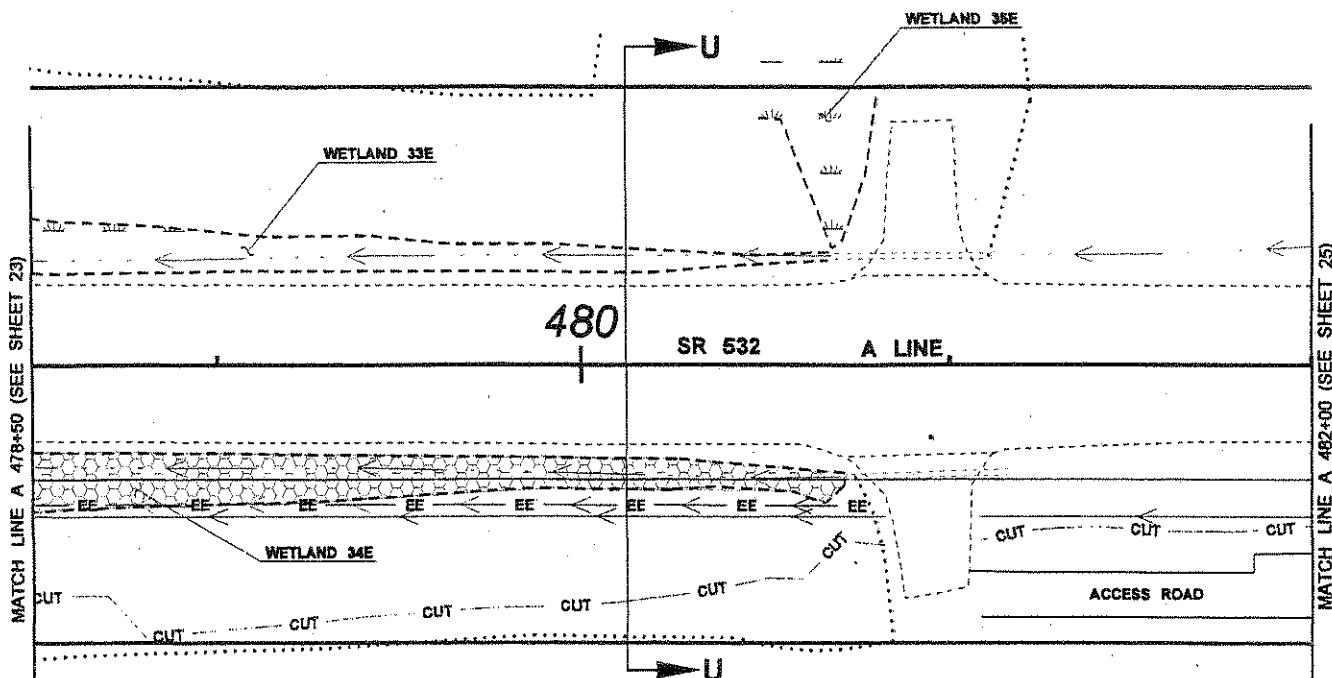
0 25 50
SCALE IN FEET

WETLAND QUANTITIES SQ. FT. (ACRES)	
WETLAND E	34E
DOE CATEGORY	IV
WETLAND AREA	38,039 (0.87)
PERMANENT DIRECT WETLAND IMPACT	38,039 (0.87)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008

Washington State
Department of Transportation



SECTION U



(NAVD) 88

LEGEND

	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT
	EE		EE — ECOLOGY EMBANKMENT
	EE		OUTFALL PROTECTION
	—		NEW DITCH
	—		EXISTING DITCH
	— FILL —		NEW FILL LINE
	— CUT —		NEW CUT LINE
	—		CENTER LINE AND TIC
	—		WETLAND SYMBOL
	-----		WETLAND BOUNDARY
	-----		WETLAND BUFFER
STREAM BUFFER			
<hr/>			
NEW CULVERT			
<hr/>			
EXISTING CULVERT			
<hr/>			
ST	ST	STORM SEWER PIPE	
OHW	OHW	ORDINARY HIGH WATER MARK	
<hr/>			
RIGHT OF WAY			
<hr/>			
NEW EDGE OF PAVEMENT			
<hr/>			
EXISTING GRAVEL EDGE			
<hr/>			
EXISTING PAVED EDGE			
<hr/>			
NEW CATCH BASIN			
<hr/>			
NEW MANHOLE			

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

WETLAND QUANTITIES SQ. FT. (ACRES)	
WETLAND #	34E
DOE CATEGORY	IV
WETLAND AREA	38,039 (0.87)
PERMANENT DIRECT WETLAND IMPACT	38,039 (0.87)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH

REFERENCE: NWS-2008-1082-SOD

DATE: JUNE 2008



Washington State
Department of Transportation

SHEET: 24 OF: 38

MATCH LINE A 482+00 (SEE SHEET 24)

SR 532

A LINE

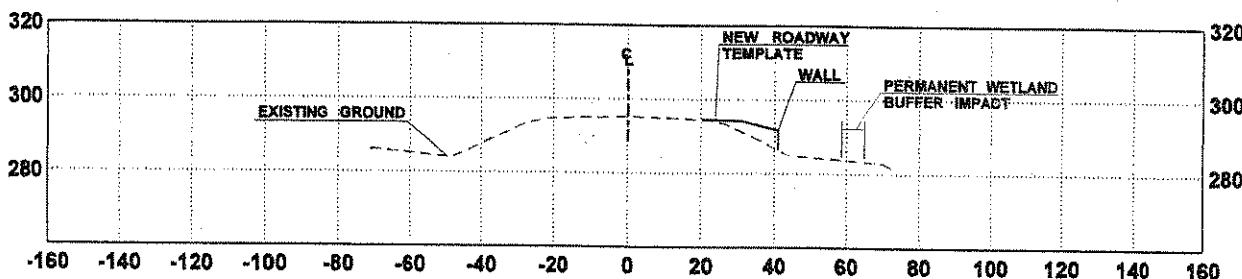
WALL

VAULT

WALL

WETLAND 36E
STREAM 9E
(WRRA 05-0025e)

V



(NAVD) 88

LEGEND	
PERMANENT DIRECT WETLAND IMPACT	
PERMANENT INDIRECT WETLAND IMPACT	
PERMANENT WETLAND BUFFER IMPACT	
TEMPORARY WETLAND IMPACT	
TEMPORARY WETLAND BUFFER IMPACT	
PERMANENT STREAM IMPACT	
PERMANENT STREAM BUFFER IMPACT	
TEMPORARY STREAM IMPACT	
EE	
EE	
OUTFALL PROTECTION	
NEW DITCH	
EXISTING DITCH	
FILL	
CUT	
CENTER LINE AND TIC	
WETLAND SYMBOL	
WETLAND BUFFER	
TOTAL STREAM BUFFER IMPACT	
NEW CULVERT	
EXISTING CULVERT	
STORM SEWER PIPE	
ORDINARY HIGH WATER MARK	
RIGHT OF WAY	
NEW EDGE OF PAVEMENT	
EXISTING GRAVEL EDGE	
EXISTING PAVED EDGE	
NEW CATCH BASIN	
NEW MANHOLE	

NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

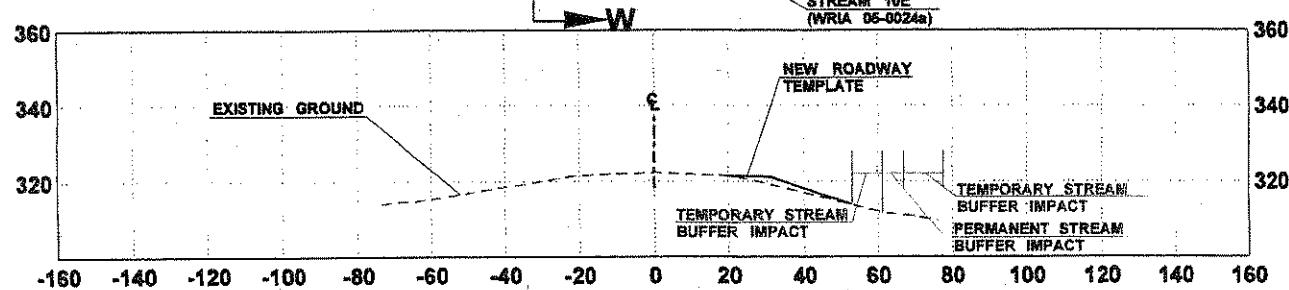
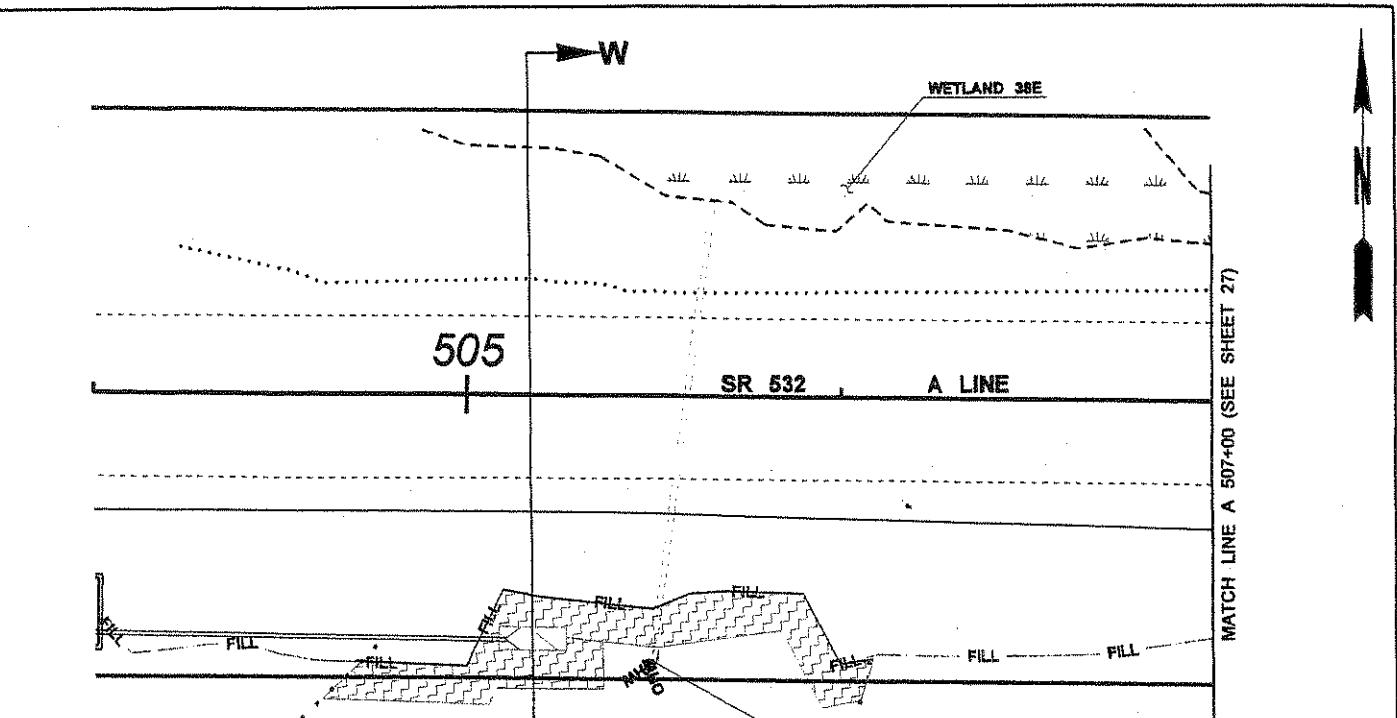
SCALE IN FEET
0 25 50

WETLAND QUANTITIES SQ. FT. (ACRES)	
WETLAND #	SEE
DOE CATEGORY	III
WETLAND AREA	110.668 (2.54)
PERMANENT DIRECT WETLAND IMPACT	0
TEMPORARY WETLAND IMPACT	0
PERMANENT INDIRECT WETLAND IMPACT	0
PERMANENT WETLAND BUFFER IMPACT	106 (<0.01)
TEMPORARY WETLAND BUFFER IMPACT	560 (0.01)

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008

Washington State
Department of Transportation
SHEET: 25 OF: 38



SECTION W

505+17

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1



(NAVD) 88

LEGEND

	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT		STREAM BUFFER
	PERMANENT INDIRECT WETLAND IMPACT		EE → EE ECOLOGY EMBANKMENT		NEW CULVERT
	PERMANENT WETLAND BUFFER IMPACT		OUTFALL PROTECTION		EXISTING CULVERT
	TEMPORARY WETLAND IMPACT		NEW DITCH		STORM SEWER PIPE
	TEMPORARY WETLAND BUFFER IMPACT		EXISTING DITCH		ORDINARY HIGH WATER MARK
	PERMANENT STREAM IMPACT		NEW FILL LINE		RIGHT OF WAY
	PERMANENT STREAM BUFFER IMPACT		NEW CUT LINE		NEW EDGE OF PAVEMENT
	TEMPORARY STREAM IMPACT		CENTER LINE AND TIC		EXISTING GRAVEL EDGE
	PERMANENT STREAM BUFFER IMPACT		WETLAND SYMBOL		EXISTING PAVED EDGE
	TEMPORARY STREAM IMPACT		WETLAND BOUNDARY		NEW CATCH BASIN
			WETLAND BUFFER		NEW MANHOLE

0 25 50
SCALE IN FEET

STREAM 10E QUANTITIES

	SQ. FT	ACRES	LINEAR FT
PERMANENT STREAM IMPACT	0	0	0
TEMPORARY STREAM IMPACT	0	0	0
PERMANENT STREAM BUFFER IMPACT	108	<0.01	0
TEMPORARY STREAM BUFFER IMPACT	1,976	0.06	10

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

WATER BODY: STILLAGUAMISH

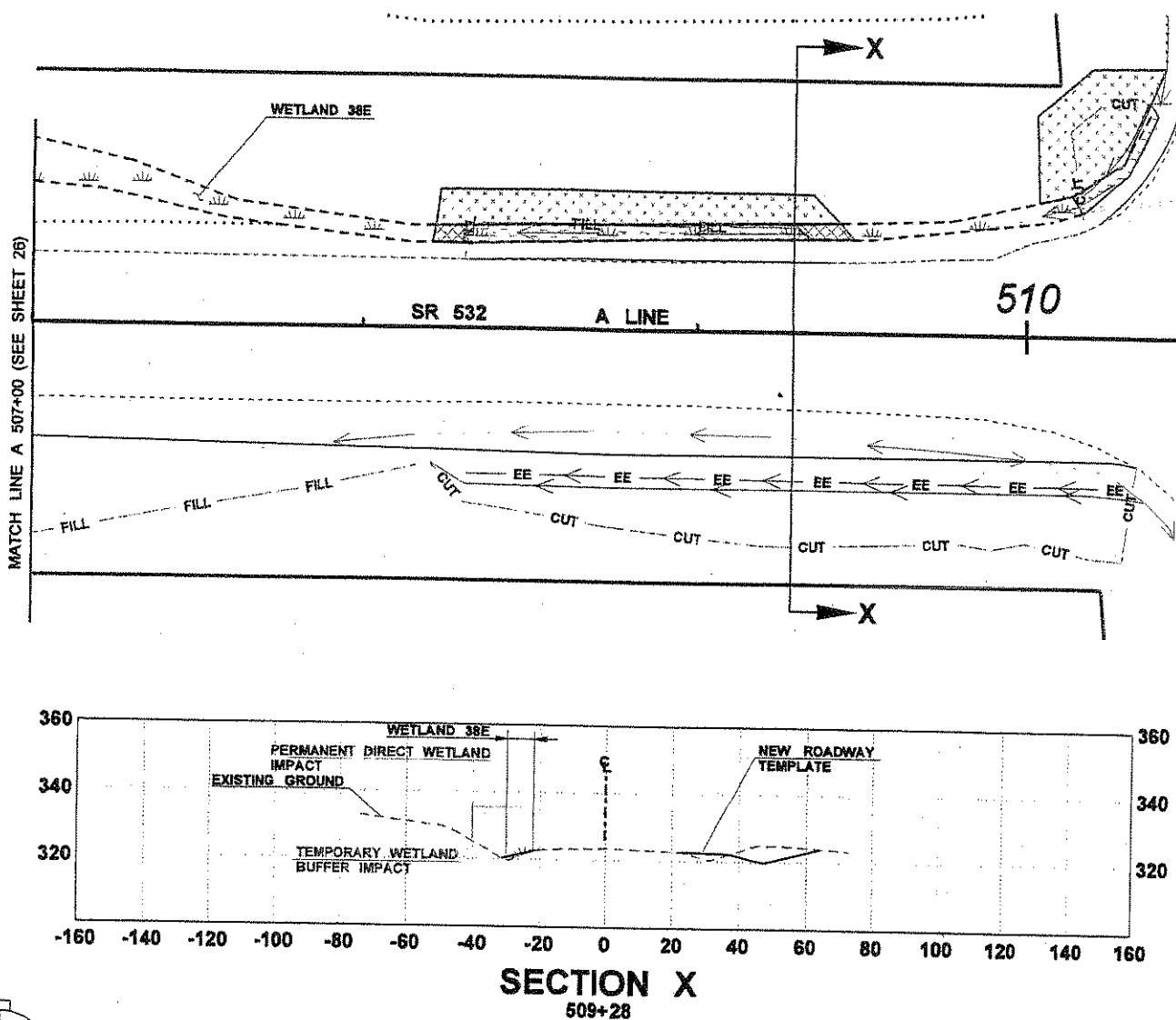
REFERENCE: NWS-2008-1082-SOD

DATE: JUNE 2008



Washington State
Department of Transportation

SHEET: 26 OF: 38



(NAVD) 88

		LEGEND	
	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT
	PERMANENT INDIRECT WETLAND IMPACT	EE	ECOLOGY EMBANKMENT
	PERMANENT WETLAND BUFFER IMPACT		OUTFALL PROTECTION
	TEMPORARY WETLAND IMPACT		NEW DITCH
	TEMPORARY WETLAND BUFFER IMPACT		EXISTING DITCH
	PERMANENT STREAM IMPACT	FILL	NEW FILL LINE
	PERMANENT STREAM BUFFER IMPACT	CUT	NEW CUT LINE
	TEMPORARY STREAM IMPACT		CENTER LINE AND TIE
	TEMPORARY STREAM BUFFER IMPACT		WETLAND SYMBOL
			WETLAND BOUNDARY
			WETLAND BUFFER

SECTION X

509+28

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

WETLAND QUANTITIES	
SQ. FT. (ACRES)	
WETLAND #	36E
DDE CATEGORY	III
WETLAND AREA	91,475 (2.10)
PERMANENT DIRECT WETLAND IMPACT	843 (0.01)
TEMPORARY WETLAND IMPACT	115 (0.01)
PERMANENT INDIRECT WETLAND IMPACT	0
PERMANENT WETLAND BUFFER IMPACT	0
TEMPORARY WETLAND BUFFER IMPACT	2,132 (0.05)

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

APPLICANT: WSDOI
COUNTY: SNOHOMISH

NEAR: STANWOOD

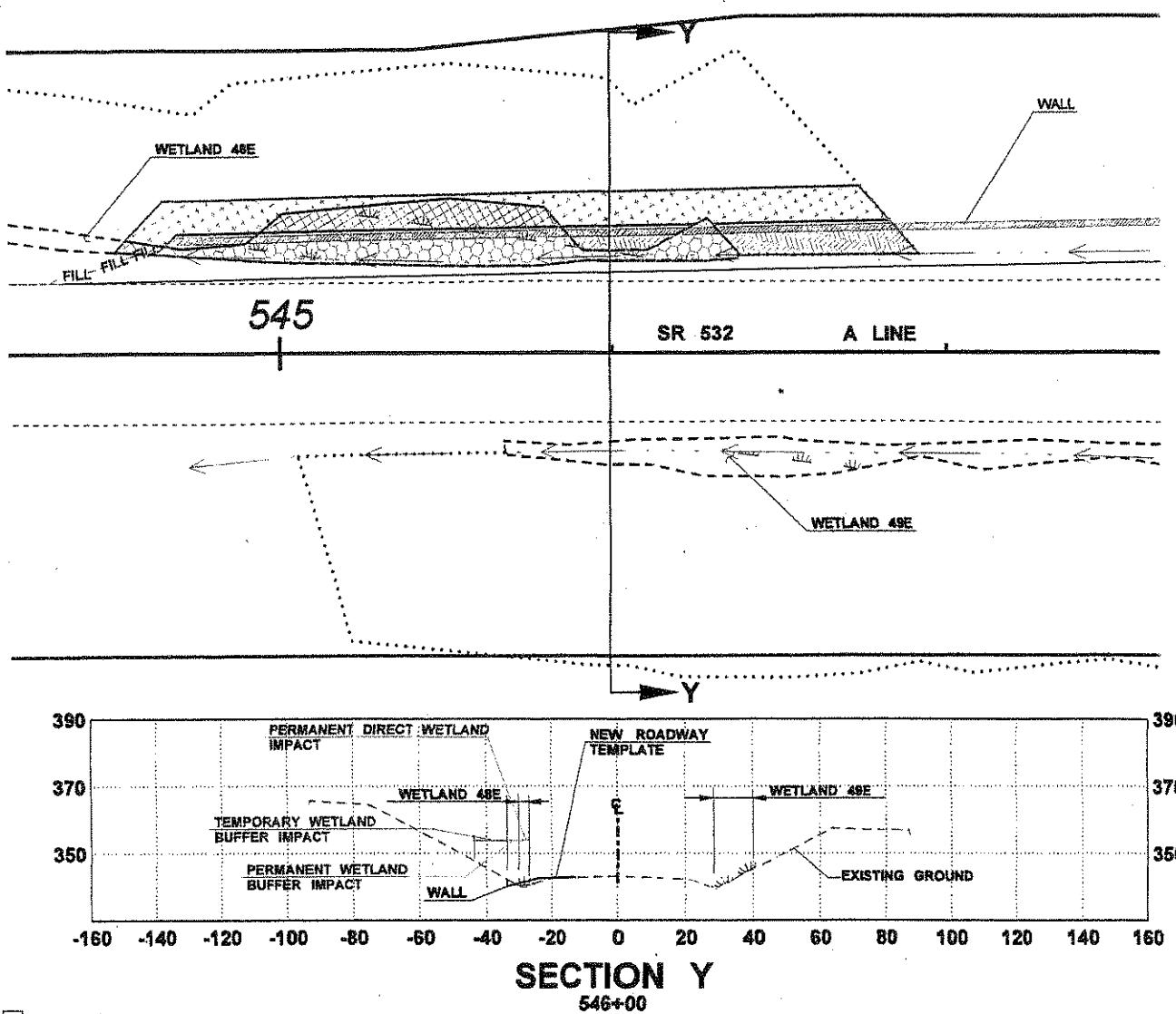
WATER BODY: STILLAGDMISH

REFERENCE:

DATE: JUNE 2008

DR. E. WORL 2008

 Washington State
Department of Transportation



(NAVD) 88

LEGEND

	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT	• • • • STREAM BUFFER
	PERMANENT INDIRECT WETLAND IMPACT	EE → EE	ECOLOGY EMBANKMENT	— NEW CULVERT
	PERMANENT WETLAND BUFFER IMPACT		OUTFALL PROTECTION	— DASHED EXISTING CULVERT
	TEMPORARY WETLAND IMPACT		NEW DITCH	— ST ST STORM SEWER PIPE
	TEMPORARY WETLAND BUFFER IMPACT	→ →	EXISTING DITCH	— OHW OHW ORDINARY HIGH WATER MARK
	PERMANENT STREAM IMPACT	— FILL —	NEW FILL LINE	— RIGHT OF WAY
	PERMANENT STREAM BUFFER IMPACT	— CUT —	NEW CUT LINE	— NEW EDGE OF PAVEMENT
	TEMPORARY STREAM IMPACT	all all all all	WETLAND SYMBOL	— EXISTING GRAVEL EDGE
	TEMPORARY STREAM BUFFER IMPACT	····	WETLAND BOUNDARY	— EXISTING PAVED EDGE

NOTE:
SECTION SCALE 80:1
EXAGGERATED 1:1

0 25 50
SCALE IN FEET

WETLAND QUANTITIES	
WETLAND #	SQ. FT. (ACRES)
48E	
DOE CATEGORY	IV
WETLAND AREA	2,806 (0.06)
PERMANENT DIRECT WETLAND IMPACT	1,378 (0.03)
TEMPORARY WETLAND IMPACT	641 (0.01)
PERMANENT INDIRECT WETLAND IMPACT	0
PERMANENT WETLAND BUFFER IMPACT	642 (0.02)
TEMPORARY WETLAND BUFFER IMPACT	1,828 (0.04)

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

WATER BODY: STILLAGUAMISH

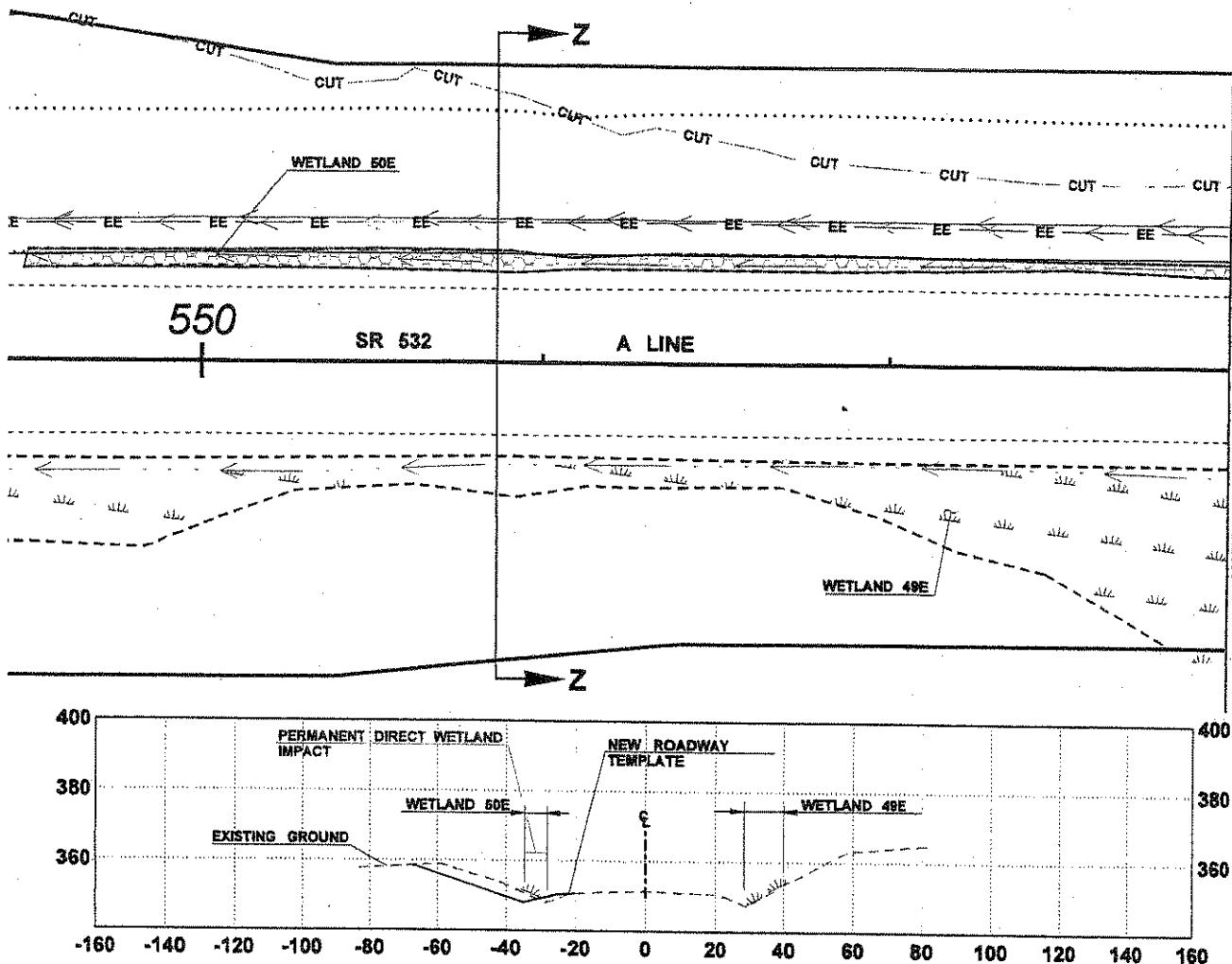
REFERENCE: NWS-2008-1082-SOD

DATE: JUNE 2008

Washington State
Department of Transportation

SHEET: 28 OF: 38

MATCH LINE A 553+00 (SEE SHEET 30)



SECTION Z 550+87



(NAVD) 88

LEGEND

	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT		STREAM BUFFER
	PERMANENT INDIRECT WETLAND IMPACT	EE → EE	ECOLOGY EMBANKMENT		NEW CULVERT
	PERMANENT WETLAND BUFFER IMPACT		OUTFALL PROTECTION		EXISTING CULVERT
	TEMPORARY WETLAND IMPACT		NEW DITCH	ST — ST	STORM SEWER PIPE
	TEMPORARY WETLAND BUFFER IMPACT	FILL	EXISTING DITCH	OHW — OHW	ORDINARY HIGH WATER MARK
	PERMANENT STREAM IMPACT	CUT	NEW FILL LINE	—	RIGHT OF WAY
	PERMANENT STREAM BUFFER IMPACT	—	NEW CUT LINE	—	NEW EDGE OF PAVEMENT
	TEMPORARY STREAM IMPACT	—	CENTER LINE AND TIC	—	EXISTING GRAVEL EDGE
		—	WETLAND SYMBOL	—	EXISTING PAVED EDGE
		—	WETLAND BOUNDARY		NEW CATCH BASIN
		—	WETLAND BUFFER		NEW MANHOLE

NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

0 25 50
SCALE IN FEET

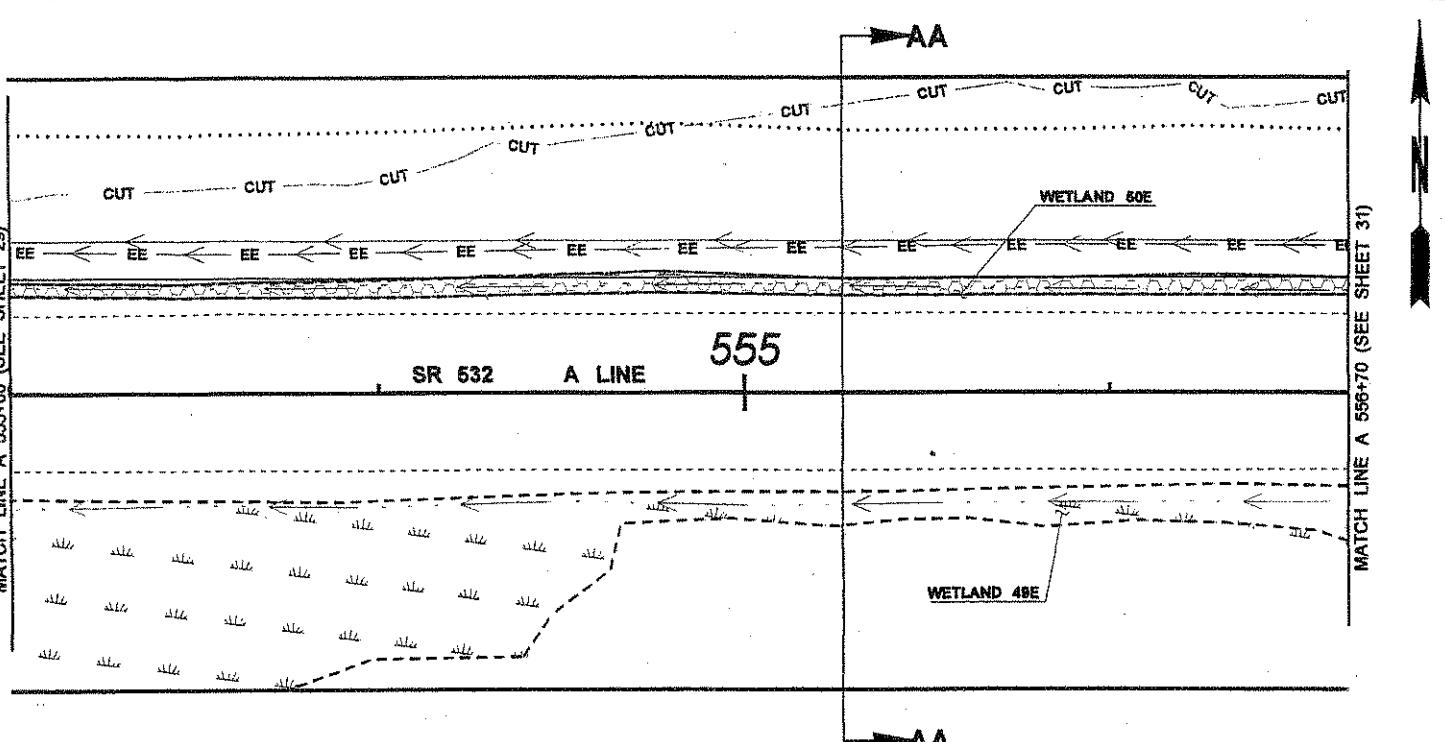
WETLAND QUANTITIES	
WETLAND #	SQ. FT. (ACRES)
50E	0.28
DOE CATEGORY	IV
WETLAND AREA	11,496 (0.28)
PERMANENT DIRECT WETLAND IMPACT	11,496 (0.28)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

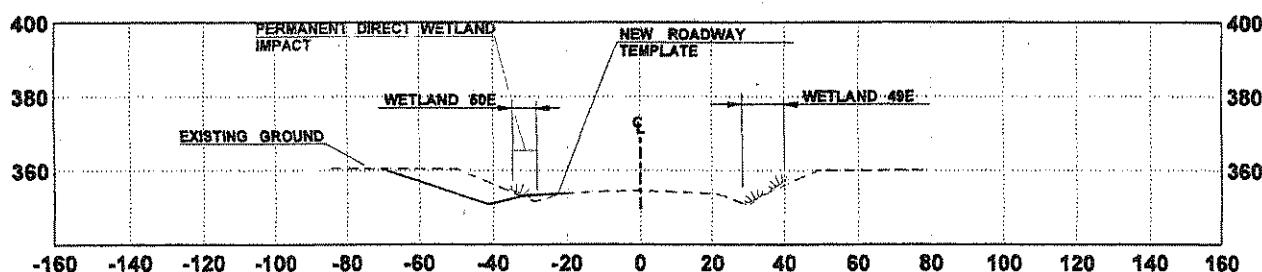
APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008

Washington State
Department of Transportation

MATCH LINE A 553#00 (SEE SHEET 29)



MATCH LINE A 55670 (SEE SHEET 31)



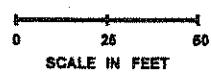
SECTION AA
555+26



(NAVD) 88

LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	PERMANENT STREAM BUFFER IMPACT
	TEMPORARY STREAM IMPACT
	TEMPORARY STREAM BUFFER IMPACT
	TEMPORARY STREAM BUFFER IMPACT
	ECOLOGY EMBANKMENT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	FILL
	CUT
	CENTER LINE AND TIC
	WETLAND SYMBOL
	WETLAND BOUNDARY
	WETLAND BUFFER
	STREAM BUFFER
	NEW CULVERT
	EXISTING CULVERT
	STORM SEWER PIPE
	ORDINARY HIGH WATER MARK
	RIGHT OF WAY
	NEW EDGE OF PAVEMENT
	EXISTING GRAVEL EDGE
	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

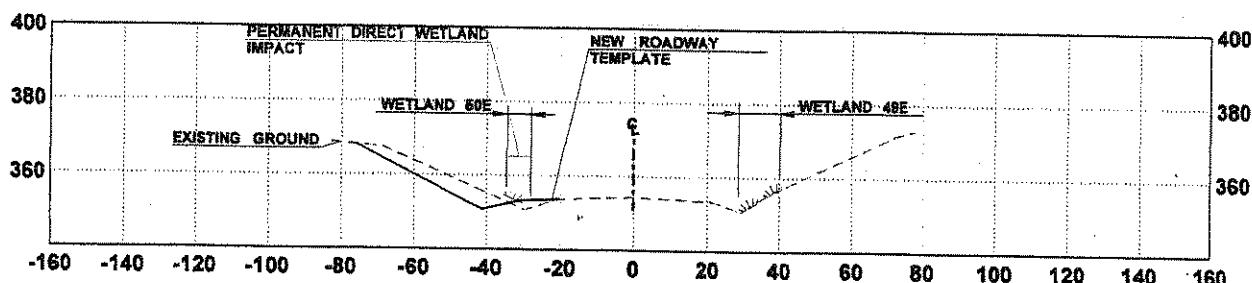
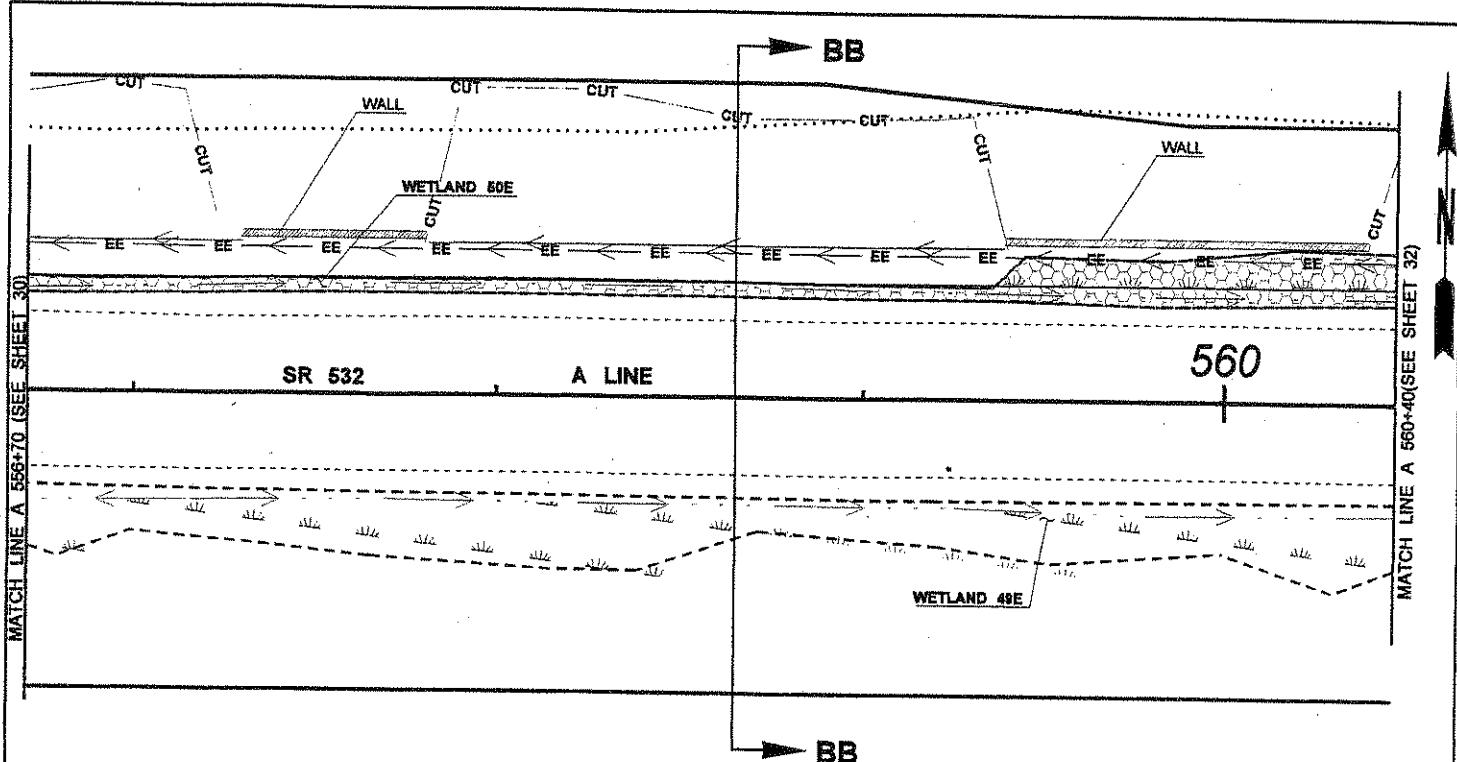
NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1



WETLAND QUANTITIES SQ. FT. (ACRES)	
WETLAND #	60E
DOE CATEGORY	IV
WETLAND AREA	11,486 (0.25)
PERMANENT DIRECT WETLAND IMPACT	11,486 (0.25)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS	APPLICANT: WSDOT
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W	COUNTY:SNOHOMISH
DATUM: NAVD 88	NEAR: STANWOOD
	WATER BODY: STILLAGUAMISH
	REFERENCE: NWS-2008-1082-SOD
	DATE: JUNE 2008

The logo consists of a circular emblem containing a stylized 'W' or 'T' shape, with horizontal lines extending from its center.



SECTION BB
558+78

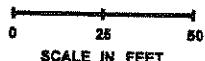


(NAVD) 88

LEGEND

	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT		STREAM BUFFER
	PERMANENT INDIRECT WETLAND IMPACT	EE → EE	ECOLOGY EMBANKMENT		NEW CULVERT
	PERMANENT WETLAND BUFFER IMPACT	→ → → → →	OUTFALL PROTECTION		EXISTING CULVERT
	TEMPORARY WETLAND IMPACT	→ → → → →	NEW DITCH	ST → ST	STORM SEWER PIPE
	TEMPORARY WETLAND BUFFER IMPACT	→ → → → →	EXISTING DITCH	OHW → OHW	ORDINARY HIGH WATER MARK
	PERMANENT STREAM IMPACT	- FILL -	NEW FILL LINE	→ → → → →	RIGHT OF WAY
	PERMANENT STREAM BUFFER IMPACT	- CUT -	NEW CUT LINE	→ → → → →	NEW EDGE OF PAVEMENT
	TEMPORARY STREAM IMPACT	— — — — —	CENTER LINE AND TIC	→ → → → →	EXISTING GRAVEL EDGE
	TEMPORARY STREAM BUFFER IMPACT	site site site site	WETLAND SYMBOL	— — — — —	EXISTING PAVED EDGE
	TEMPORARY STREAM IMPACT	• • • • •	WETLAND BOUNDARY		NEW CATCH BASIN
		• • • • •	WETLAND BUFFER		NEW MANHOLE

NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1



WETLAND QUANTITIES	
SQ. FT. (ACRES)	
WETLAND #	50E
DOE CATEGORY	IV
WETLAND AREA	11,496 (0.26)
PERMANENT DIRECT WETLAND IMPACT	11,496 (0.26)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

APPLICANT: WSDOT

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

COUNTY: SNOHOMISH

DATUM: NAVD 88

NEAR: STANWOOD

www.ijerpi.org

WATER BERRY: STILL AGUAMISH

• 100 •

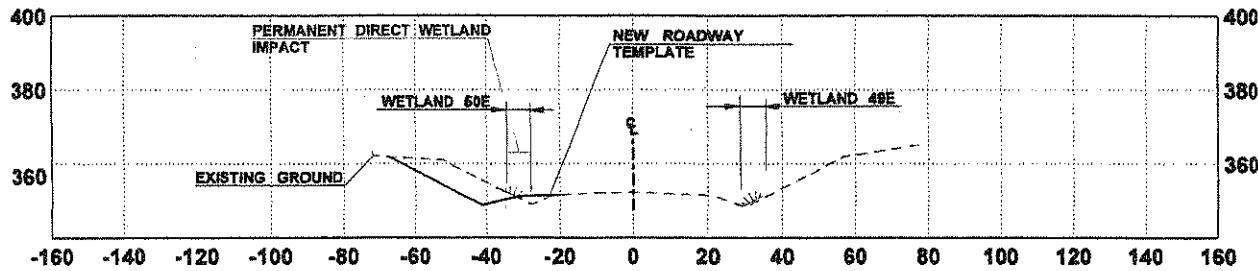
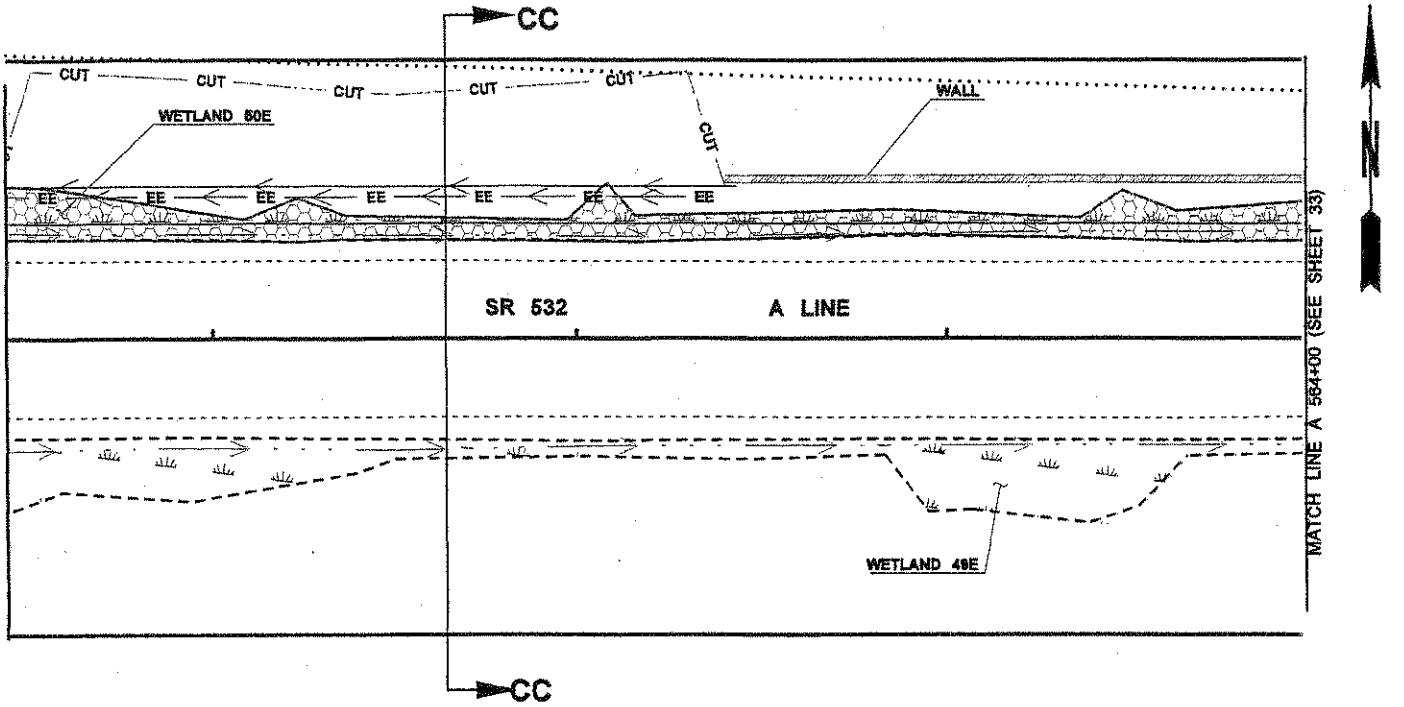
[View all posts by **John C. Maxwell**](#) | [View all posts in **Leadership**](#)

www.english-test.net

REFERENCE:

 Washington State
Department of Transportation

MATCH LINE A 560+40(SEE SHEET 31)



(NAVD) 88

LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	TEMPORARY STREAM IMPACT
	TEMPORARY STREAM BUFFER IMPACT
	TEMPORARY STREAM BUFFER IMPACT
	EE — EE ECOLOGY EMBANKMENT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	FILL
	CUT
	CENTER LINE AND TIC
	WETLAND SYMBOL
	WETLAND BUFFER
	STREAM BUFFER
	NEW CULVERT
	EXISTING CULVERT
	ST — ST STORM SEWER PIPE
	OHW — OHW ORDINARY HIGH WATER MARK
	RIGHT OF WAY
	NEW EDGE OF PAVEMENT
	EXISTING GRAVEL EDGE
	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

WETLAND QUANTITIES SQ. FT. (ACRES)	
WETLAND #	60E
DOE CATEGORY	IV
WETLAND AREA	11,496 (0.26)
PERMANENT DIRECT WETLAND IMPACT	11,496 (0.26)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

SCALE IN FEET

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS

LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W

DATUM: NAVD 88

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

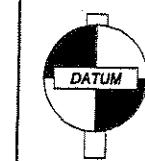
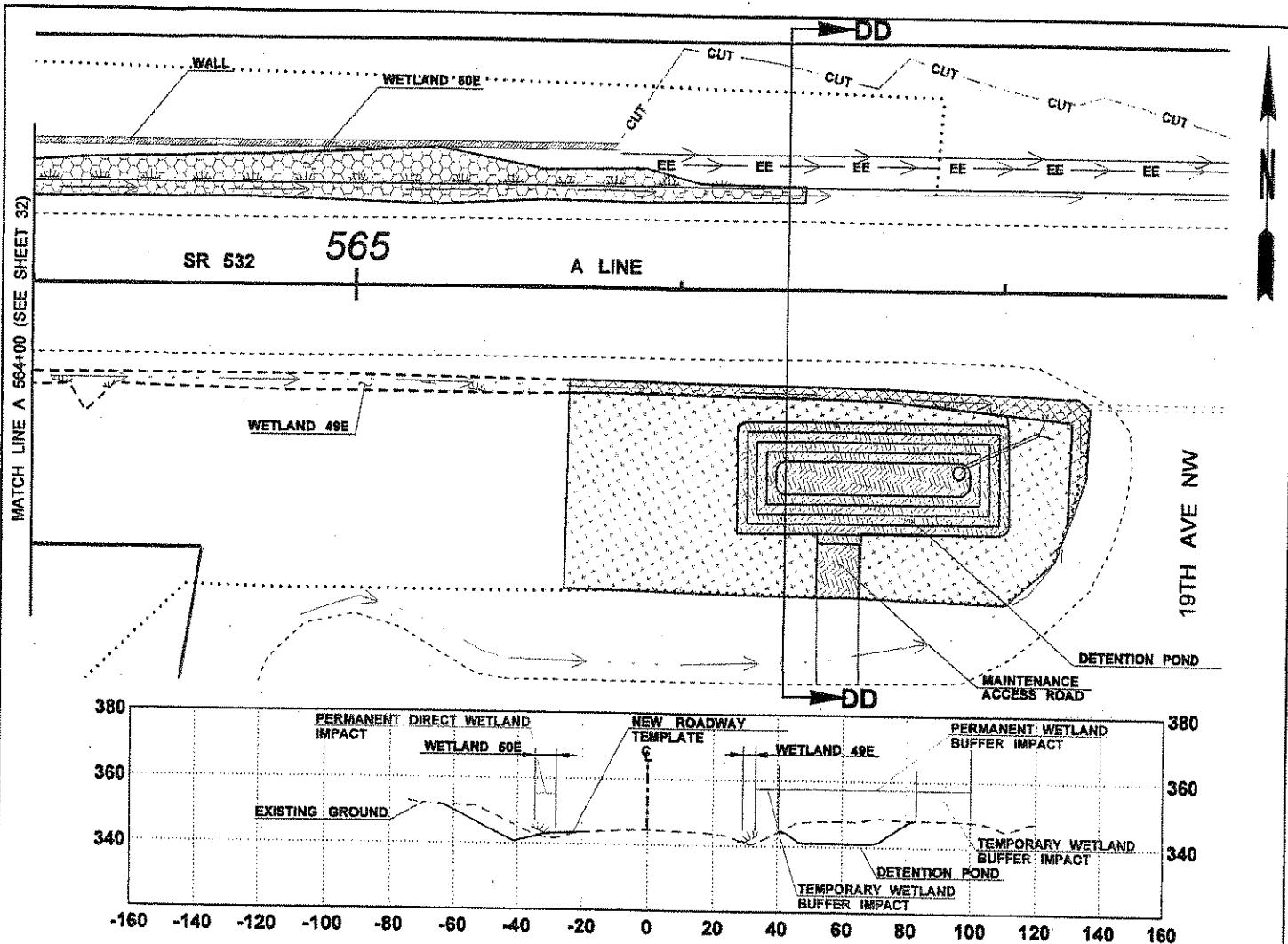
WATER BODY: STILLAGUAMISH

REFERENCE: NWS-2008-1082-SOD

DATE: JUNE 2008

Washington State
Department of Transportation

SHEET: 32 OF: 38



(NAVD) 88

LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	PERMANENT STREAM BUFFER IMPACT
	TEMPORARY STREAM IMPACT
	TEMPORARY STREAM BUFFER IMPACT
	ECOLOGY EMBANKMENT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	FILL
	CUT
	CENTER LINE AND TIC
	WETLAND SYMBOL
	WETLAND BOUNDARY
	WETLAND BUFFER
	STREAM BUFFER
	NEW CULVERT
	EXISTING CULVERT
	STORM SEWER PIPE
	ORDINARY HIGH WATER MARK
	RIGHT OF WAY
	NEW EDGE OF PAVEMENT
	EXISTING GRAVEL EDGE
	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

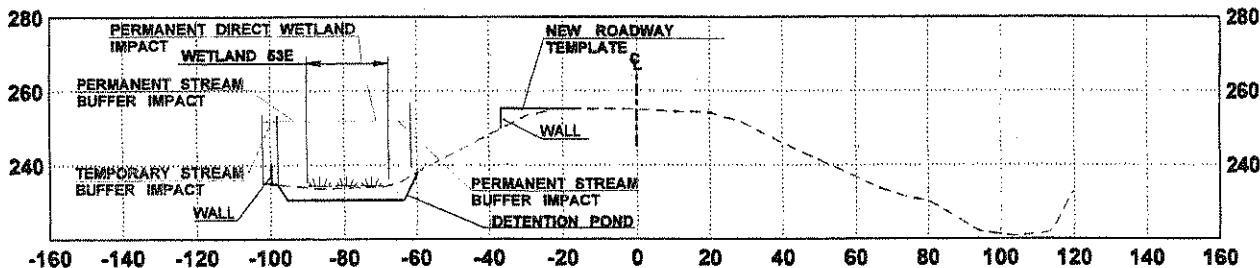
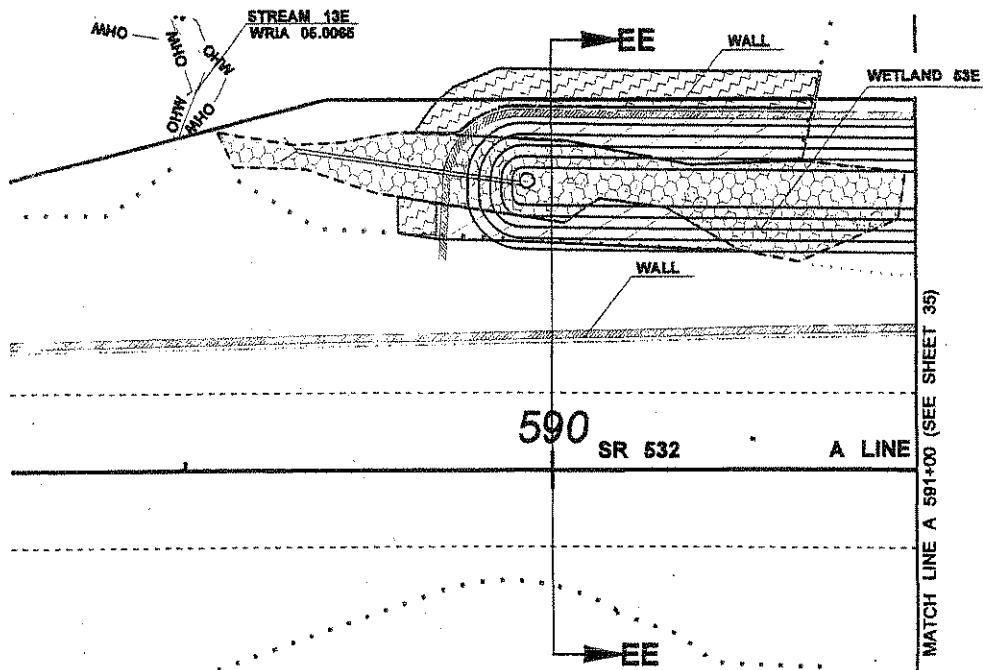
WETLAND #	49E	60E
DOE CATEGORY	III	IV
WETLAND AREA	62.303 (1.20)	11,496 (0.28)
PERMANENT DIRECT WETLAND IMPACT	0	11,496 (0.28)
TEMPORARY WETLAND IMPACT	635 (0.02)	NA
PERMANENT INDIRECT WETLAND IMPACT	0	NA
PERMANENT WETLAND BUFFER IMPACT	3,104 (0.07)	NA
TEMPORARY WETLAND BUFFER IMPACT	5,274 (0.12)	NA

0 25 50
SCALE IN FEET

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD
DATE: JUNE 2008

Washington State
Department of Transportation
SHEET: 33 OF: 38



SECTION EE

NOTE:
SECTION SCALE 60:1
EXAGGERATED 1:1

WETLAND QUANTITIES		
SQ. FT. (ACRES)		
WETLAND #	53E	
DOE CATEGORY	III	
WETLAND AREA	3,104 (0.07)	
PERMANENT DIRECT WETLAND IMPACT	3,104 (0.07)	
TEMPORARY WETLAND IMPACT	0	
PERMANENT INDIRECT WETLAND IMPACT	0	
PERMANENT WETLAND BUFFER IMPACT	0	
TEMPORARY WETLAND BUFFER IMPACT	0	

M 13E QUANTITIES		
SQ. FT	ACRES	LINEAR FT.
0	0	0
0	0	0
1,776	0.04	0
1,180	0.03	0



(NAVD) 88

		LEGEND	
	PERMANENT DIRECT WETLAND IMPACT		TEMPORARY STREAM BUFFER IMPACT
	PERMANENT INDIRECT WETLAND IMPACT	EE	EE
	PERMANENT WETLAND BUFFER IMPACT		ECOLOGY EMBANKMENT OUTfall PROTECTION
	TEMPORARY WETLAND IMPACT		NEW DITCH
	TEMPORARY WETLAND BUFFER IMPACT		EXISTING DITCH
	PERMANENT STREAM IMPACT	- FILL -	NEW FILL LINE
	PERMANENT STREAM BUFFER IMPACT	- CUT -	NEW CUT LINE
	PERMANENT STREAM IMPACT	- - - - -	CENTER LINE AND 1
	PERMANENT STREAM BUFFER IMPACT		WETLAND SYMBOL
	TEMPORARY STREAM IMPACT	- - - - -	WETLAND BOUNDARY

* * * * * STREAM BUFFER
 _____ NEW CULVERT
 ----- EXISTING CULVERT
 ST —— ST STORM SEWER PIPE
 OHW —— OHW ORDINARY HIGH WATER MARK
 _____ RIGHT OF WAY
 _____ NEW EDGE OF PAVEMENT
 ----- EXISTING GRAVEL EDGE
 - - - - EXISTING PAVED EDGE

 NEW CATCH BASIN

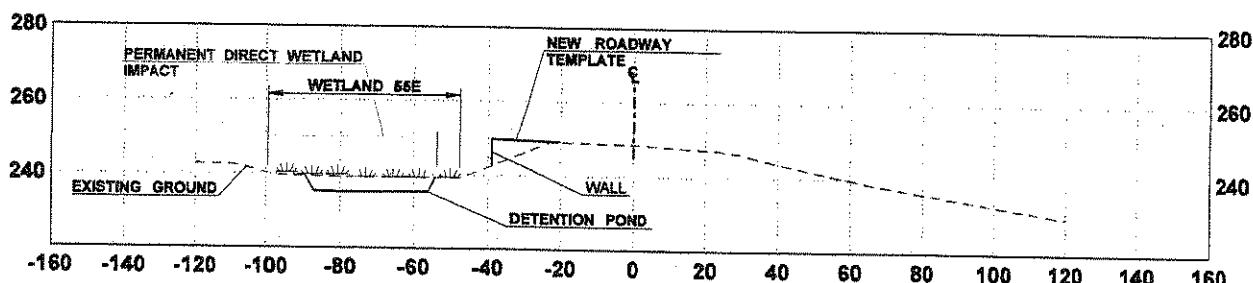
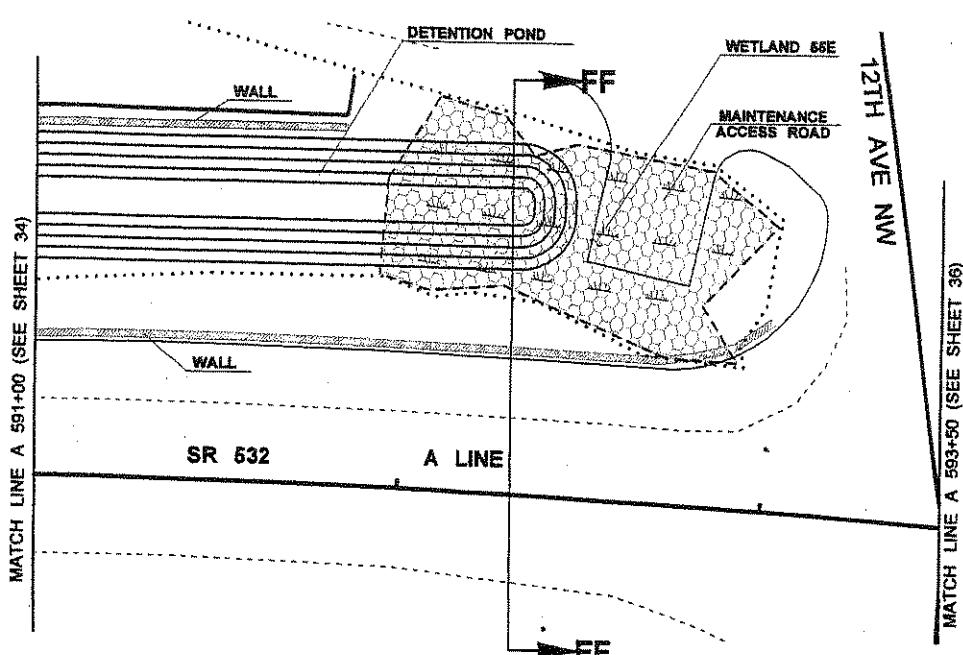
 NEW MANHOLE

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W
DATUM: NAVD 88

APPLICANT: WSDOT
COUNTY: SNOHOMISH
NEAR: STANWOOD
WATER BODY: STILLAGUAMISH
REFERENCE: NWS-2008-1082-SOD



**Washington State
Department of Transportation**



SECTION FF 692+50



(NAVD) 88

LEGEND

	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	PERMANENT STREAM BUFFER IMPACT
	TEMPORARY STREAM IMPACT

	EE	EE	ECOLOGY EMBANKMENT
			OUTFALL PROTECTION
			NEW DITCH
			EXISTING DITCH
	FILL		NEW FILL LINE
	CUT		NEW CUT LINE
			CENTER LINE AND TIC
			WETLAND SYMBOL
			WETLAND BOUNDARY
			WETLAND BUFFER

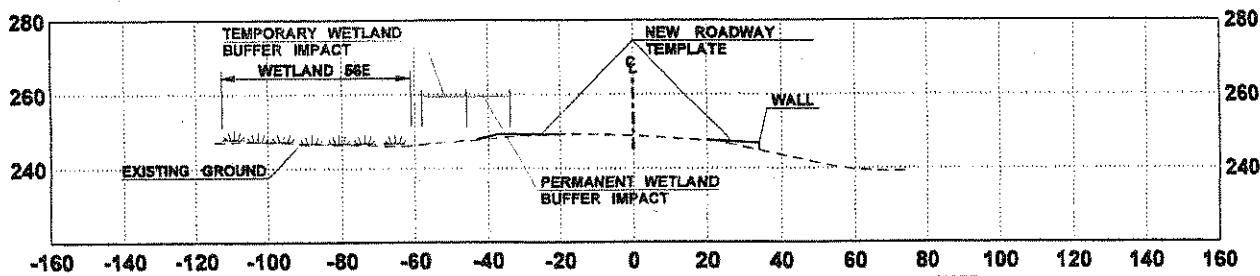
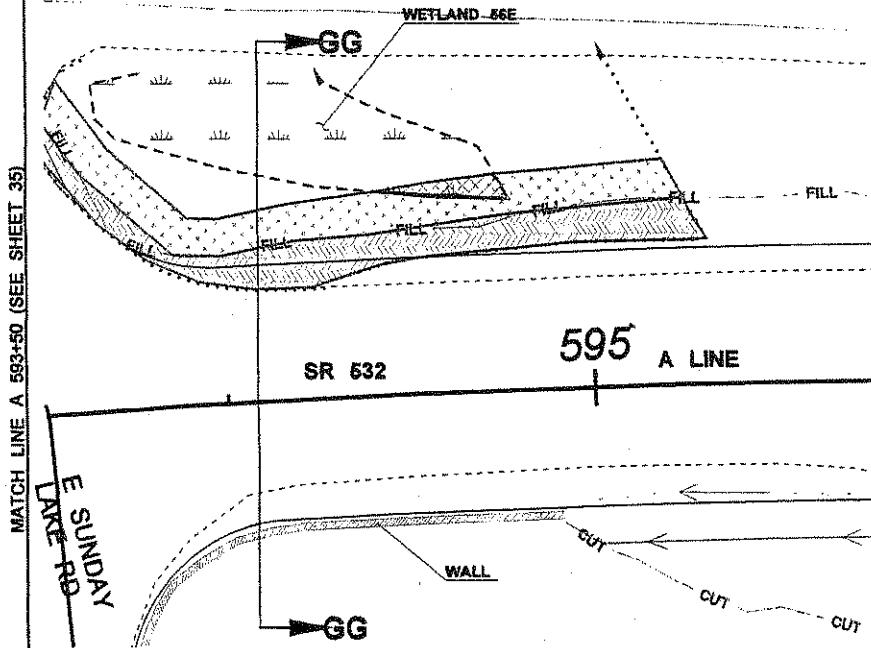
NOTE:
SECTION SCALE 50:1
EXAGGERATED 1:1

0 25 50
SCALE IN FEET

WETLAND QUANTITIES	
SQ. FT. (ACRES)	
WETLAND #	55E
DOE CATEGORY	III
WETLAND AREA	4,556 (0.10)
PERMANENT DIRECT WETLAND IMPACT	4,556 (0.10)
TEMPORARY WETLAND IMPACT	NA
PERMANENT INDIRECT WETLAND IMPACT	NA
PERMANENT WETLAND BUFFER IMPACT	NA
TEMPORARY WETLAND BUFFER IMPACT	NA

PURPOSE: SR 532 CORRIDOR SAFETY IMPROVEMENTS	APPLICANT: WSDOT
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W	COUNTY: SNOHOMISH
DATUM: NAVD 88	NEAR: STANWOOD
	WATER BODY: STILLAGUAMISH
	REFERENCE: NWS-2008-1082-SOD
	DATE: JUNE 2008





(NAVD) 88

LEGEND	
	PERMANENT DIRECT WETLAND IMPACT
	PERMANENT INDIRECT WETLAND IMPACT
	PERMANENT WETLAND BUFFER IMPACT
	TEMPORARY WETLAND BUFFER IMPACT
	PERMANENT STREAM IMPACT
	TEMPORARY STREAM IMPACT
	STREAM BUFFER
	NEW CULVERT
	EXISTING CULVERT
	OUTFALL PROTECTION
	NEW DITCH
	EXISTING DITCH
	NEW FILL LINE
	NEW CUT LINE
	CENTER LINE AND TIC
	WETLAND SYMBOL
	WETLAND BOUNDARY
	RIGHT OF WAY
	NEW EDGE OF PAVEMENT
	EXISTING GRAVEL EDGE
	EXISTING PAVED EDGE
	NEW CATCH BASIN
	NEW MANHOLE

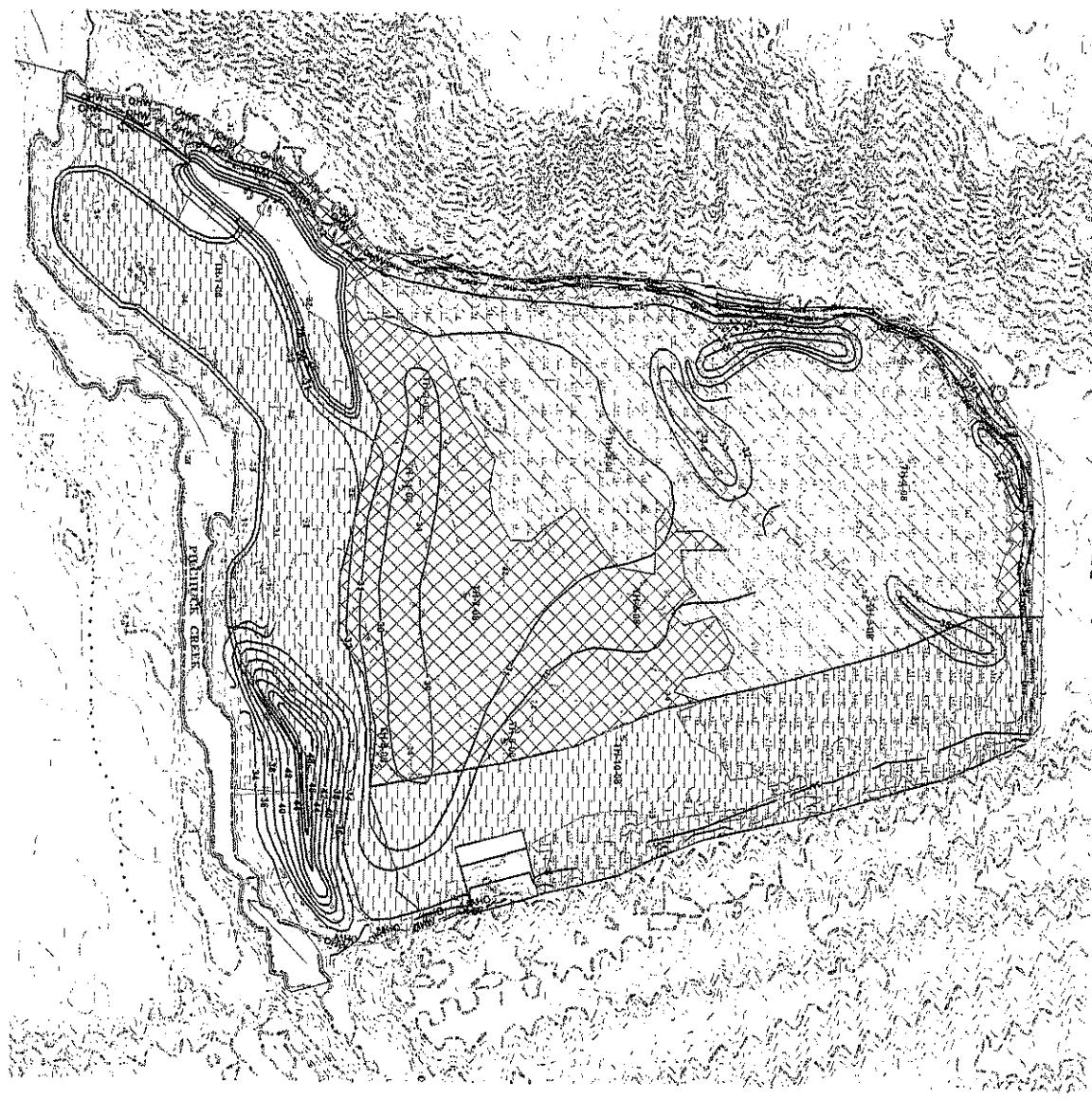
0 25 50
SCALE IN FEET

WETLAND QUANTITIES - SQ. FT. (ACRES)	
WETLAND #	66E
DOE CATEGORY	IV
WETLAND AREA	4,356 (0.10)
PERMANENT DIRECT WETLAND IMPACT	0
TEMPORARY WETLAND IMPACT	140 (<0.01)
PERMANENT INDIRECT WETLAND IMPACT	0
PERMANENT WETLAND BUFFER IMPACT	1,673 (0.04)
TEMPORARY WETLAND BUFFER IMPACT	1,843 (0.04)

PURPOSE: SR 632 CORRIDOR SAFETY IMPROVEMENTS	APPLICANT: WSDOT
LOCATION: SNOHOMISH CO. LAT. 48°14'N LONG. 122°22'W	COUNTY: SNOHOMISH
DATUM: NAVD 88	NEAR: STANWOOD
	WATER BODY: STILLAGUAMISH
	REFERENCE: NWS-2008-1082-SOD
	DATE: JUNE 2008

Washington State
Department of Transportation

SHEET: 36 OF: 38



LEGEND

TH-7-08
PIEZOMETER

* * * * STREAM BUFFER

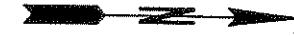
— NEW CONTOUR

— EXISTING WETLAND

SRFB SALMON RECOVERY FUNDING BOARD

WETLAND REHABILITATION	10.55 AC
BUFFER	11.12 AC
WETLAND REESTABLISHMENT	7.26 AC
SRFB	2.85 AC
REFUGIA POND NOT IN SRFB FUNDING	0.69 AC

0 150 300
SCALE IN FEET



PURPOSE: SR 532 CORRIDOR
PROPOSED: SAFETY IMPROVEMENTS

LOCATION: SNOOKISLAND CO. 48°14'N 122°22'W

DATUM: NAVD 88

ADJACENT PROPERTY OWNERS:-

REFERENCE: NWS-2008-1082-SOD

APPLICANT: WSDOT

COUNTY: SNOHOMISH

NEAR: STANWOOD

WATER BODY: STILLAGUAMISH

DATE: JUNE 2008



SHEET: 37

OF: 38

