



US Army Corps
of Engineers
Seattle District

Public Notice of Application for Permit

Regulatory Branch
Post Office Box 3755
Seattle, Washington 98124-3755
Telephone (206) 764-3495
ATTN: Anne Robinson, Project Manager

Public Notice Date: October 14, 2004
Expiration Date: November 14, 2004
Reference: 200300845
Name: Clark County Public Works

Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 404 of the Clean Water Act for certain work described below and shown on the enclosed drawings.

APPLICANT – Clark County Public Works Department
Mr. Phil Gaddis
Post Office Box 9810
Vancouver, Washington 98666-9810
Telephone: (360) 397-6118

LOCATION – In wetlands and ditches along St John’s Road and along 72nd Avenue, in the City of Vancouver, Clark County, Washington. This project is located in Sections 5 and 6, Township 2N, Range 2E and Sections 31 and 32, Township 3N Range 2E.

WORK – The applicant proposes to fill a total of 7.08 acres of emergent (PEM), scrub/shrub (PSS) and forested (PFO) wetlands in 30 separate locations along 72nd Avenue, and St. John’s Road; and fill wetlands associated with four proposed stormwater facilities, as well as up to 0.5 of an acre of jurisdictional roadside ditches. Please note that the jurisdictional determination for roadside ditches dug in uplands is not finalized and this acreage may vary slightly. Of the total wetland impact, 3.19 acres are found along 72nd Avenue, 0.12 acres are associated with St. John’s Road, and 3.77 acres are associated with construction of the stormwater facilities (SWF). See Sheets 12 and 18 for details of impacts.

Total wetland and buffer impacts (in acres) for Roadway and Mitigation (SWF) projects

IMPACT SOURCE	WETLAND	BUFFER
72nd Avenue, Roadway	3.19	2.35
St. John’s Road, Roadway	0.12	0.53
Total Road Improvement Impacts	3.31	2.88
72nd Avenue, SWFs	0.97	1.46
St. John’s Road, SWFs	2.80	1.76
Total SWF Improvement Impacts	3.77	3.22
PROJECT TOTALS	7.08 acres	6.10 acres

PURPOSE – To correct safety and mobility deficiencies.

MITIGATION – The applicant has submitted a mitigation plan that is intended to compensate for impacts to a total of 7.08 acres of wetlands and 6.10 acres of buffers within two watersheds. The objectives of the

mitigation plan are to 1) establish wetland plant communities in prior excavated areas 2) integrate wetland mitigation and stormwater facility designs and 3) plant upland buffer areas with forested plant communities. The project area is extremely flat, contains high groundwater, and contains a high proportion of wetland-dominated shallow depressions. The applicant proposes a strategy, which makes use of created floodplain benches, constructed within an existing ditched floodplain area. Their strategy is to reduce wetland impacts due to the elimination of the berms normally found around stormwater facilities. They believe the floodplain bench strategy provides significantly greater storage, reduces main channel peak flows and reduces erosion potential. The applicant considers the strategy to be a reconnection of stream (ditch) channels with their historic floodplain.

They also believe that incorporation of a simulated natural geomorphic stream structure and native plantings into the new stormwater detention areas will enable recovery of ecological functions lost to the sites and their watersheds due to previous agricultural, residential, commercial and industrial development. Mitigation at three sites will also include creation of additional new wetlands. See Sheets 13-17 for Mitigation details. A copy of the draft proposed mitigation plan, dated August 2004, is available upon request.

Proposed Mitigation

SITE	WETLAND CREATION (Acres)	WETLAND ENHANCEMENT (Acres)	BUFFER ENHANCEMENT (Acres)
SWF 1 Northmoor	0.17	7.77	0.49
SWF 2 Wilding	1.32	0.17	0
SWF 3 and 4, Stevens and Schuller	4.95	15.43	0
TOTAL	6.44	23.37	0.49

ENDANGERED SPECIES - The Endangered Species Act (ESA) of 1973 requires assessment of potential impacts to listed and proposed species. The Lower Columbia River (LCR) steelhead (*Oncorhynchus mykiss*) threatened; LCR chinook (*O. tshawytscha*) threatened; Columbia River (CR) chum (*O. keta*) threatened; bald eagle (*Haliaeetus leucocephalus*) threatened; bull trout (*Salvelinus confluentus*) threatened; northern spotted owl (*Strix occidentalis*) threatened; water howellia (*Howellia aquatilis*) threatened; Bradshaw's lomatium (*Lomatium bradshawii*) endangered, have been listed in the state of Washington (State), and may occur in the proposed project areas in Salmon Creek or LaLonde Creek. The Federal Highway Administration (FHWA), as the lead agency for ESA consultation, has consulted with the National Marine Fisheries Service (NMFS) as required under Section 7 of the ESA. On behalf of FHWA, the biological assessment was reviewed by Washington State Department of Transportation (WSDOT), delegated non-Federal representative for FHWA. NMFS concurrence was issued on July 16, 2002, with a determination that the project 'may affect, not likely to adversely affect' LCR steelhead, LCR chinook salmon, and CR chum salmon, all species under its jurisdiction. On June 25, 2002, WSDOT, determined that the project would have 'no effect' on bald eagle, bull trout, northern spotted owl, water howellia and Bradshaw's lomatium. No critical habitat for bull trout has been determined in the project area.

ESSENTIAL FISH HABITAT - The Magnuson-Stevens Fishery Conservation and Management Act (MSA), as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). EFH for Pacific salmon occurs in the project area. FHWA, as the lead Federal agency, determined that the project would have 'no effect' on EFH species.

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CULTURAL RESOURCES - FHWA, as the lead agency for determining compliance with Section 106 of the National Historic Preservation Act, initiated consultation with the State Historic Preservation Office on June 26, 2002.

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 - The decision whether to issue a permit will be based on an evaluation of the probable impact, 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 U.S. Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, Native American Nations or tribal governments, State, 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.

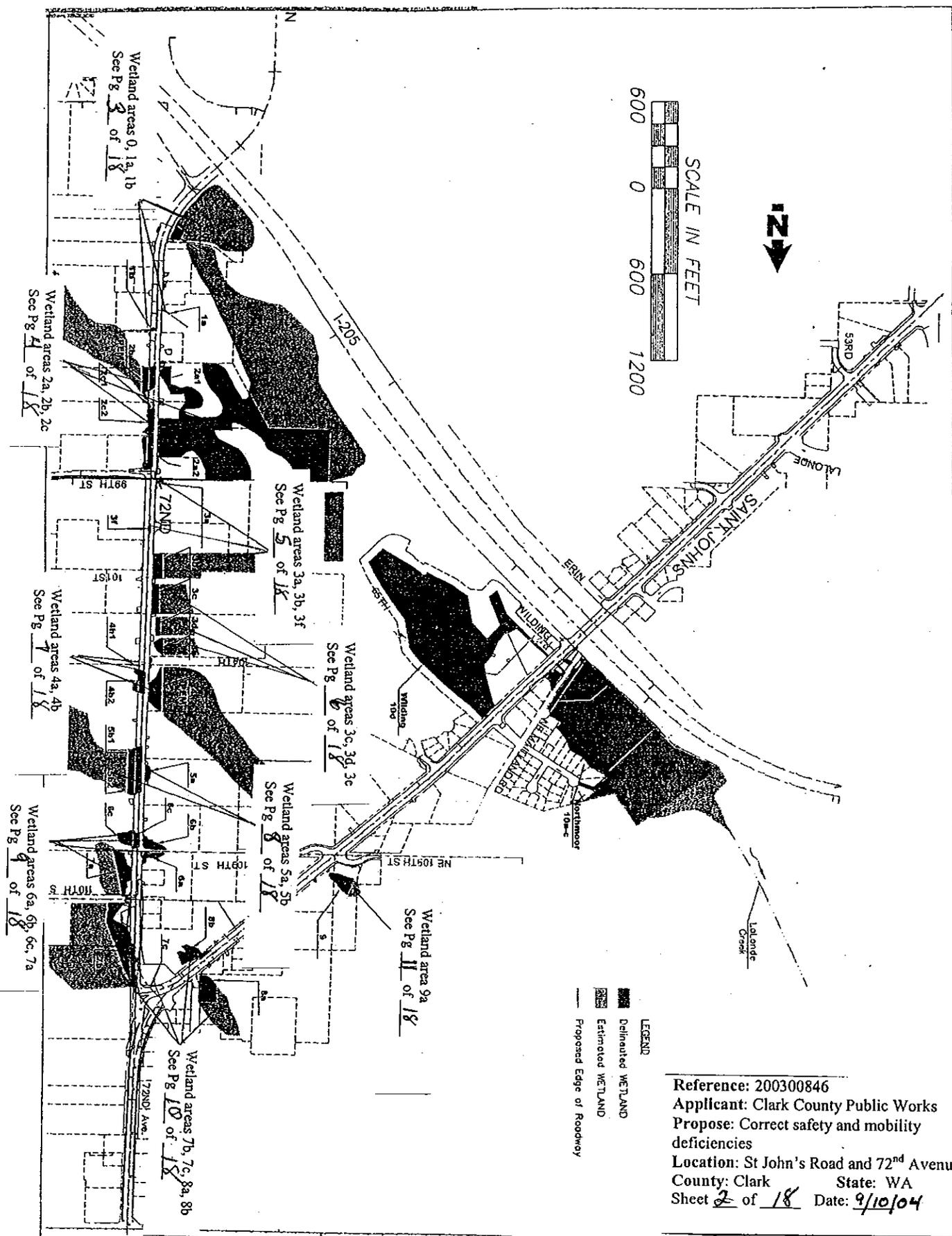
The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act. This evaluation will include an alternatives analysis.

ADDITIONAL EVALUATION - The State is reviewing this work for compliance with the applicable State and Federal water quality standards pursuant to Section 401 of the Clean Water Act.

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. All e-mail comments should be sent to Anne.M.Robinson@nws02.usace.army.mil. Conventional mail comments should be sent to U.S. Army Corps of Engineers, Regulatory Branch, Post Office Box 3755, Seattle, Washington 98124-3755. Both 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. Please include the following name and reference number:

Clark County Public Works
200300845

Encl
Drawings (18)

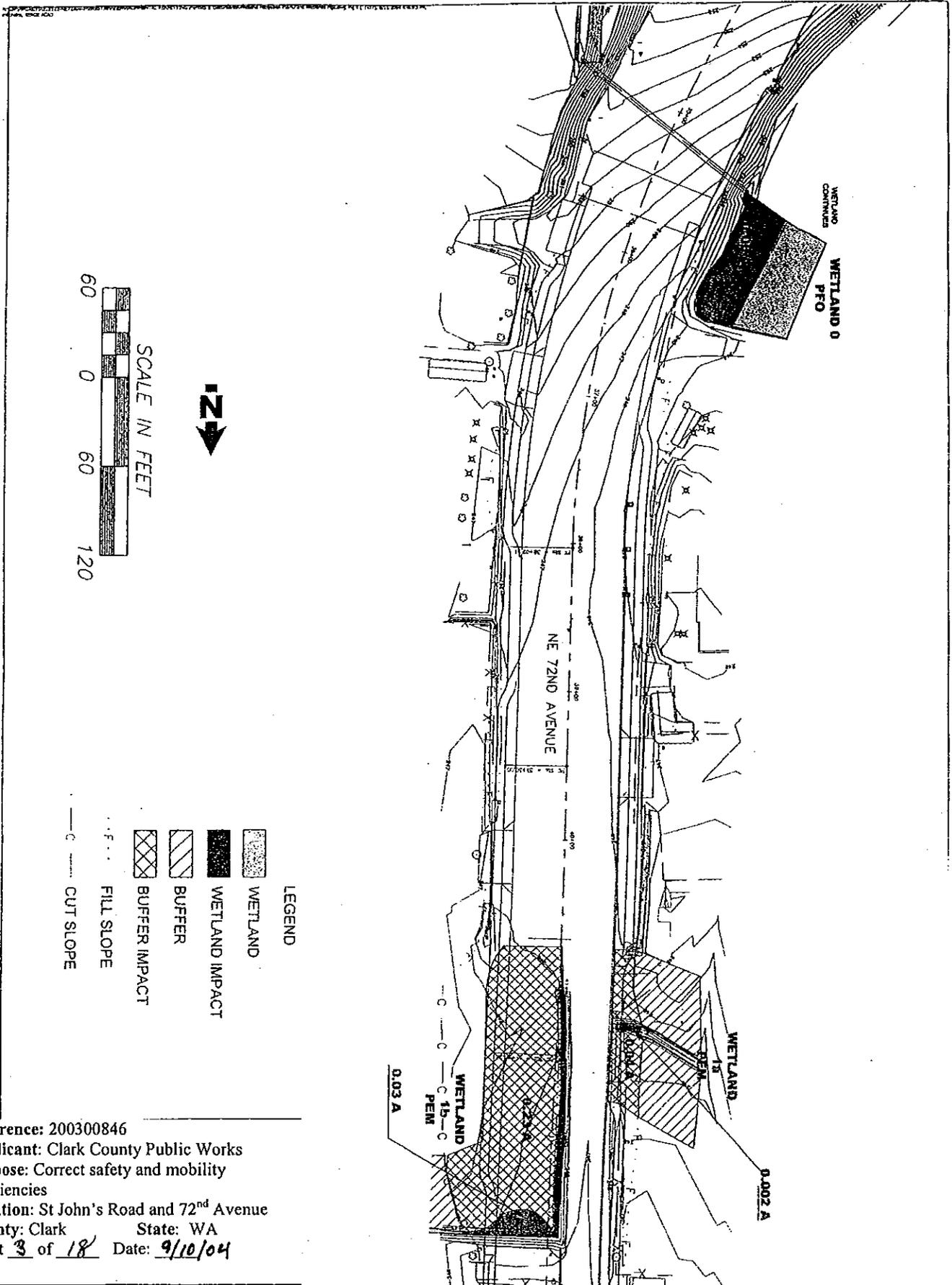


Wetland Locations/Proposed Impacts

Purpose: Wetland Fill for Road Widening
 Datum: Horizontal = NAD 83 (91)
 Vertical = NGVD 29 (47)

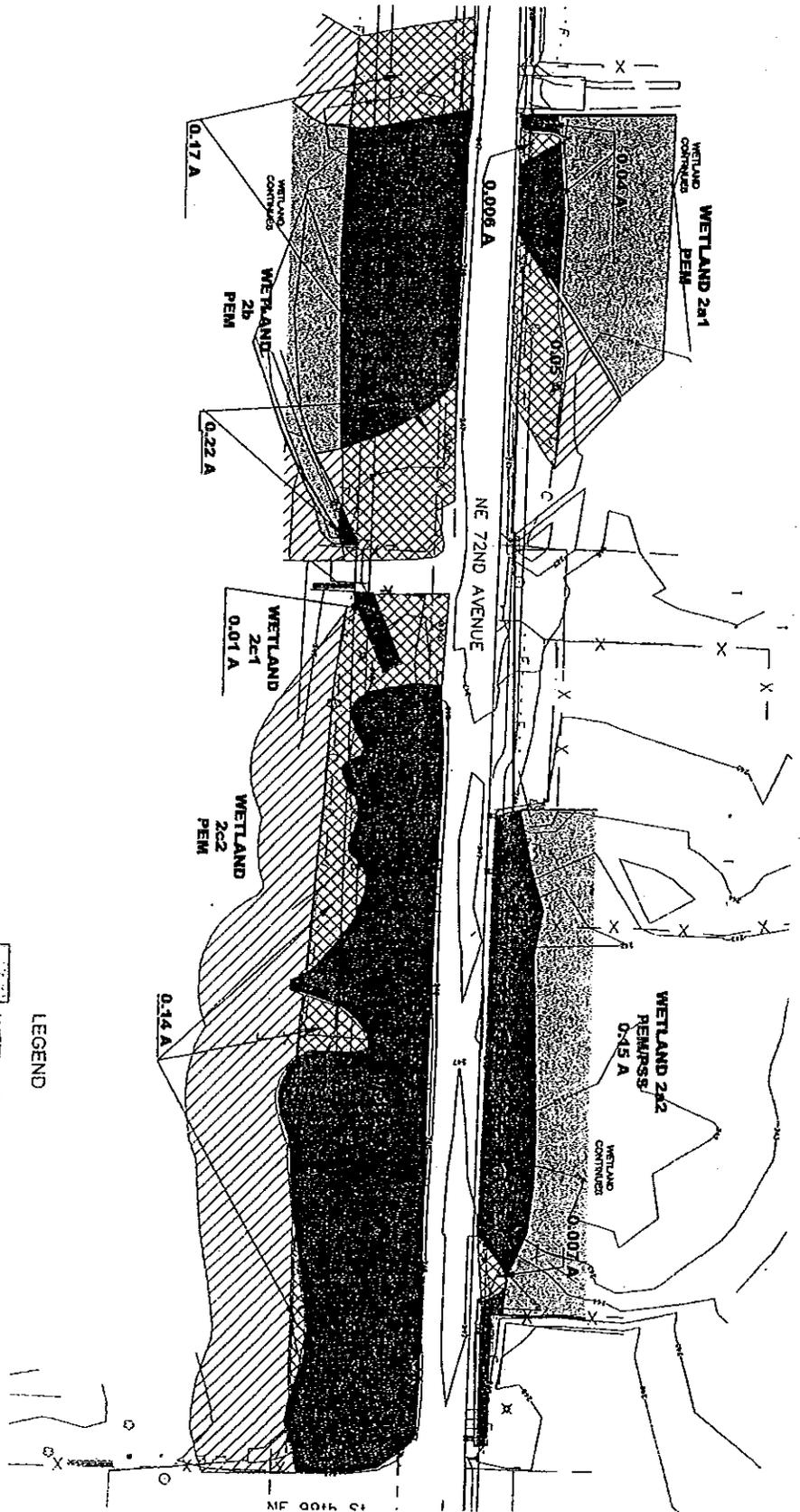
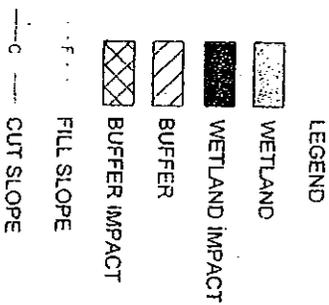
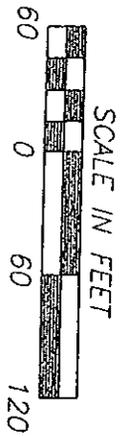
Applicant: Clark County Public Works
 COE Reference: 2003-00845
 Location: NE 72nd Ave between I-205 and St. Johns Rd
 NE St. Johns Rd between 50th St and 72nd Ave

Proposed: Fill 7.08 AC of Wetland
 Date: ~~8/10/04~~
 Sheet: ~~1/17~~



Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 3 of 18 Date: 9/10/04

Wetland Areas 0, 1a, 1b

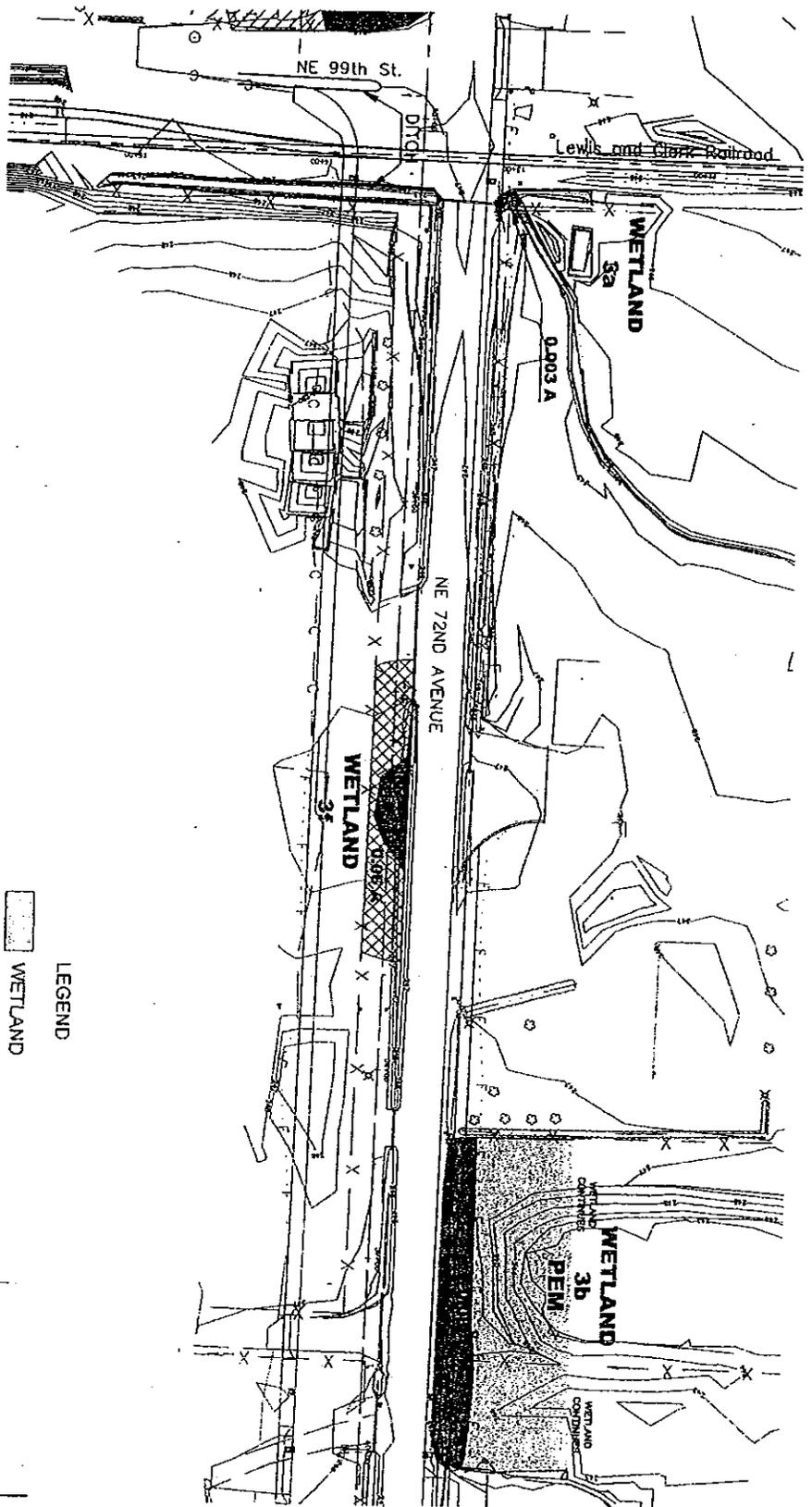


Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 4 of 18 Date: 9/10/04

Wetland Areas 2a, 2b, c

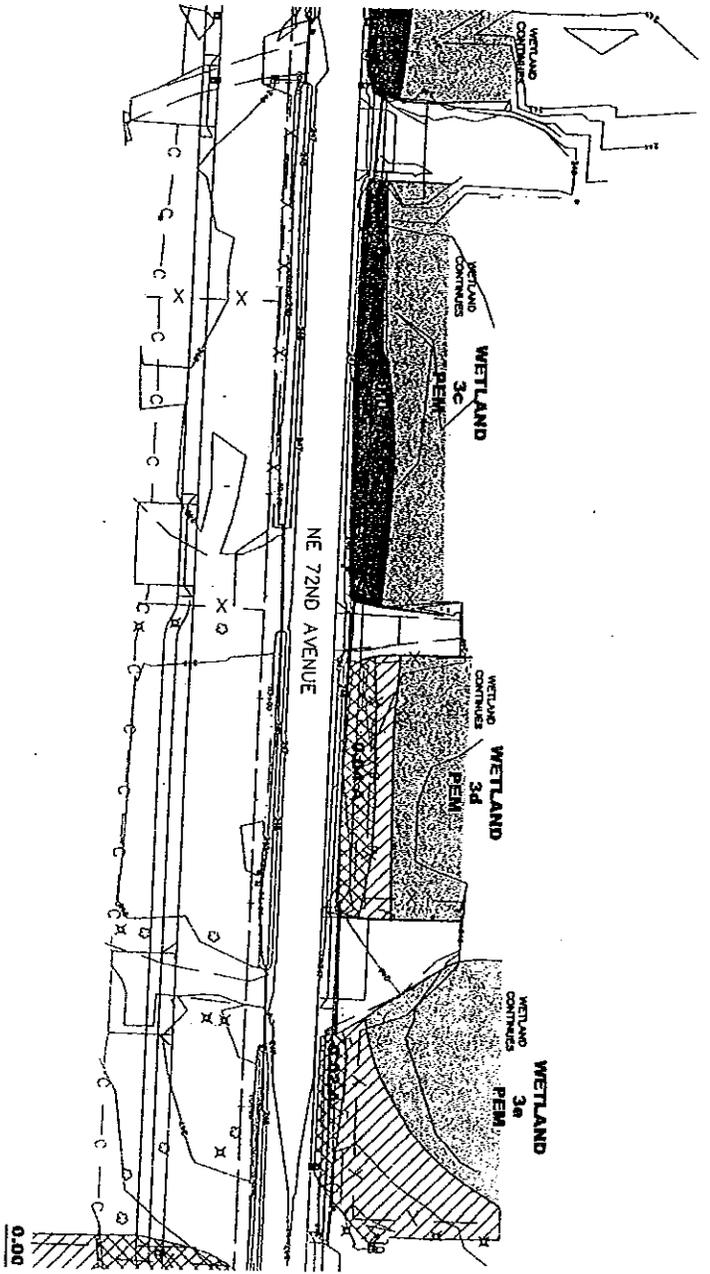
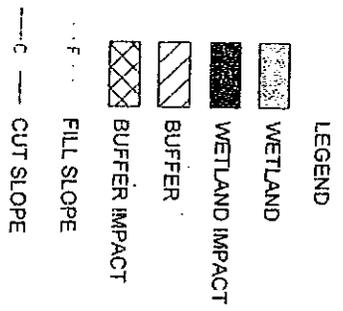
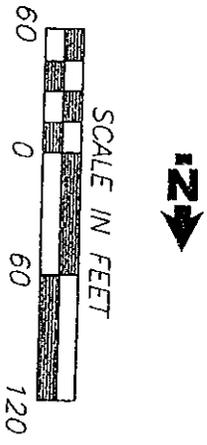


- LEGEND
- WETLAND
 - WETLAND IMPACT
 - BUFFER
 - BUFFER IMPACT
 - FILL SLOPE
 - CUT SLOPE



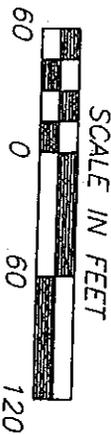
Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 5 of 18 Date: 9/10/04

Wetland Areas 3a, 3b, 3f

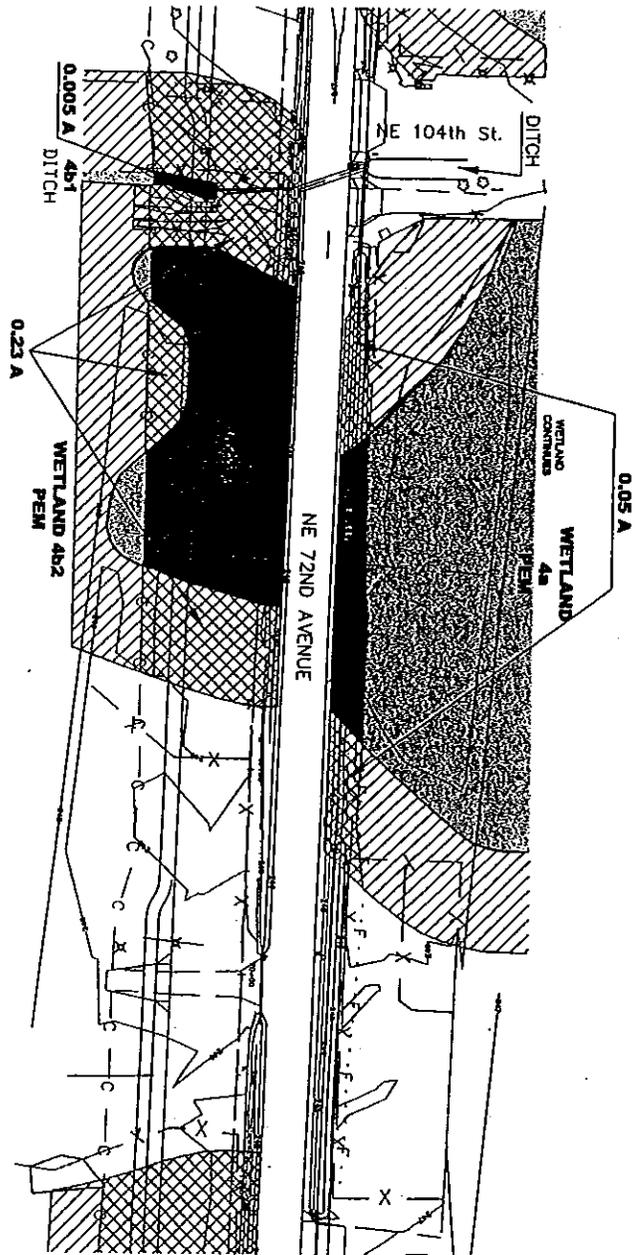


Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 6 of 18 Date: 9/10/04

Wetland Areas 3c, 3d, 3e



- LEGEND
- WETLAND
 - WETLAND IMPACT
 - BUFFER
 - BUFFER IMPACT
 - FILL SLOPE
 - CUT SLOPE



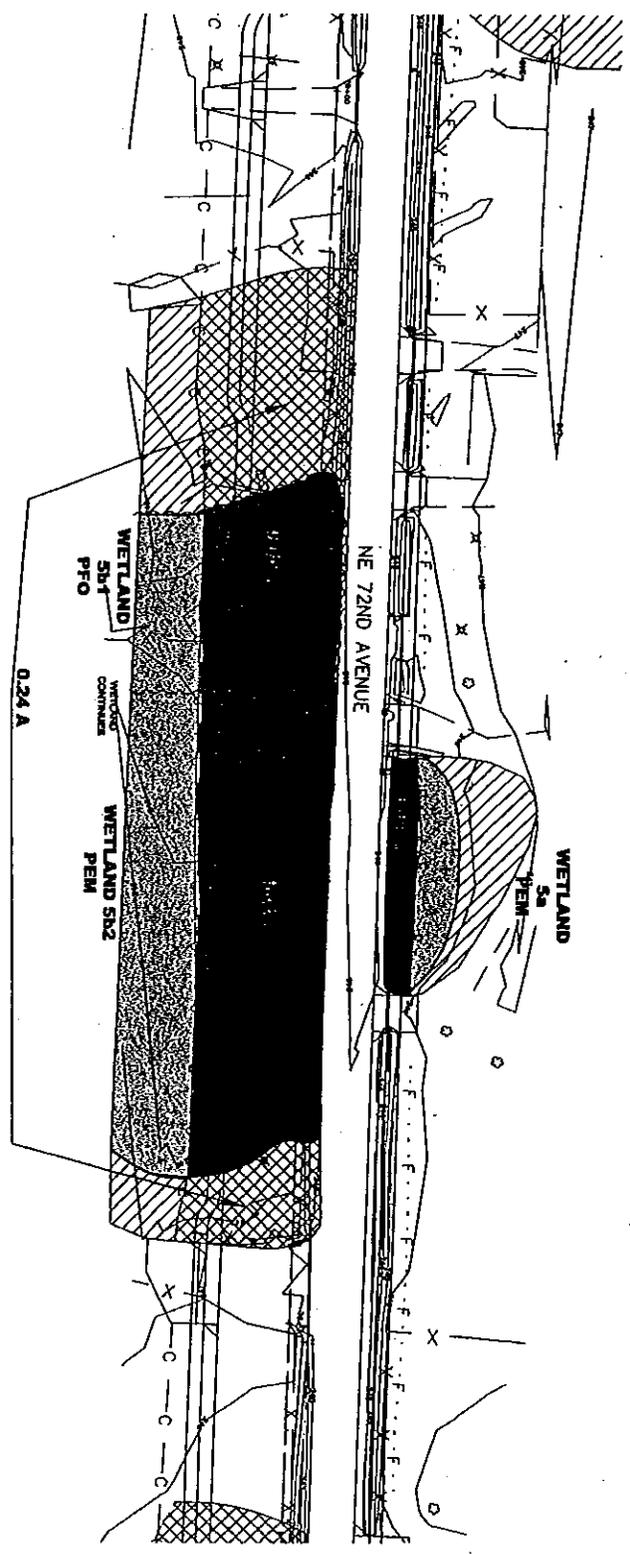
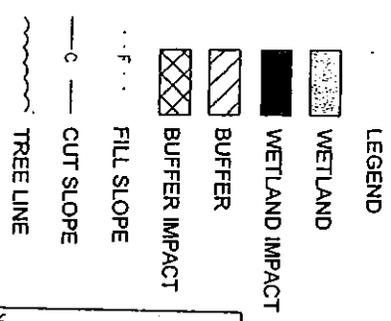
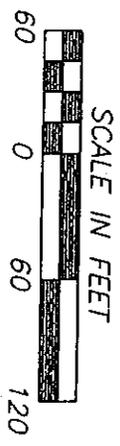
Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 7 of 18 Date: 9/10/04

Wetland Areas 4a, 4b

Purpose: Wetland Fill for Road Widening
 Datum: Horizontal = NAD 83 (91)

Applicant: Clark County Public Works
 COE Reference: 2003-00845

Proposed: Fill 7.08 AC of Wetland
 Date: 9/10/04

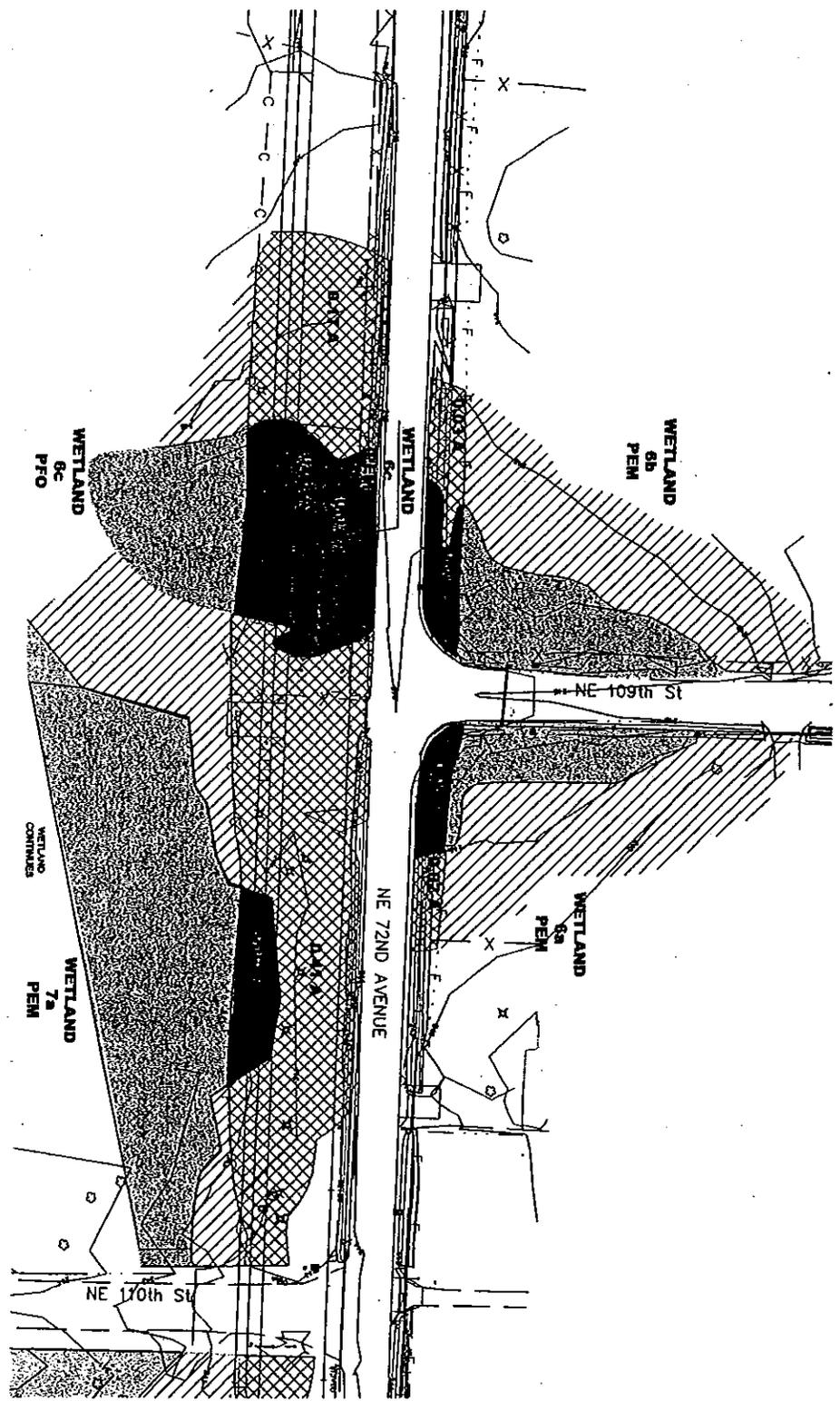


Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 8 of 18 Date: 9/10/04

Wetland Areas 5a, 5b

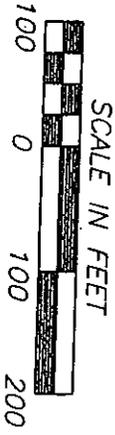


- LEGEND
- WETLAND
 - WETLAND IMPACT
 - BUFFER
 - BUFFER IMPACT
 - FILL SLOPE
 - CUT SLOPE
 - TREE LINE

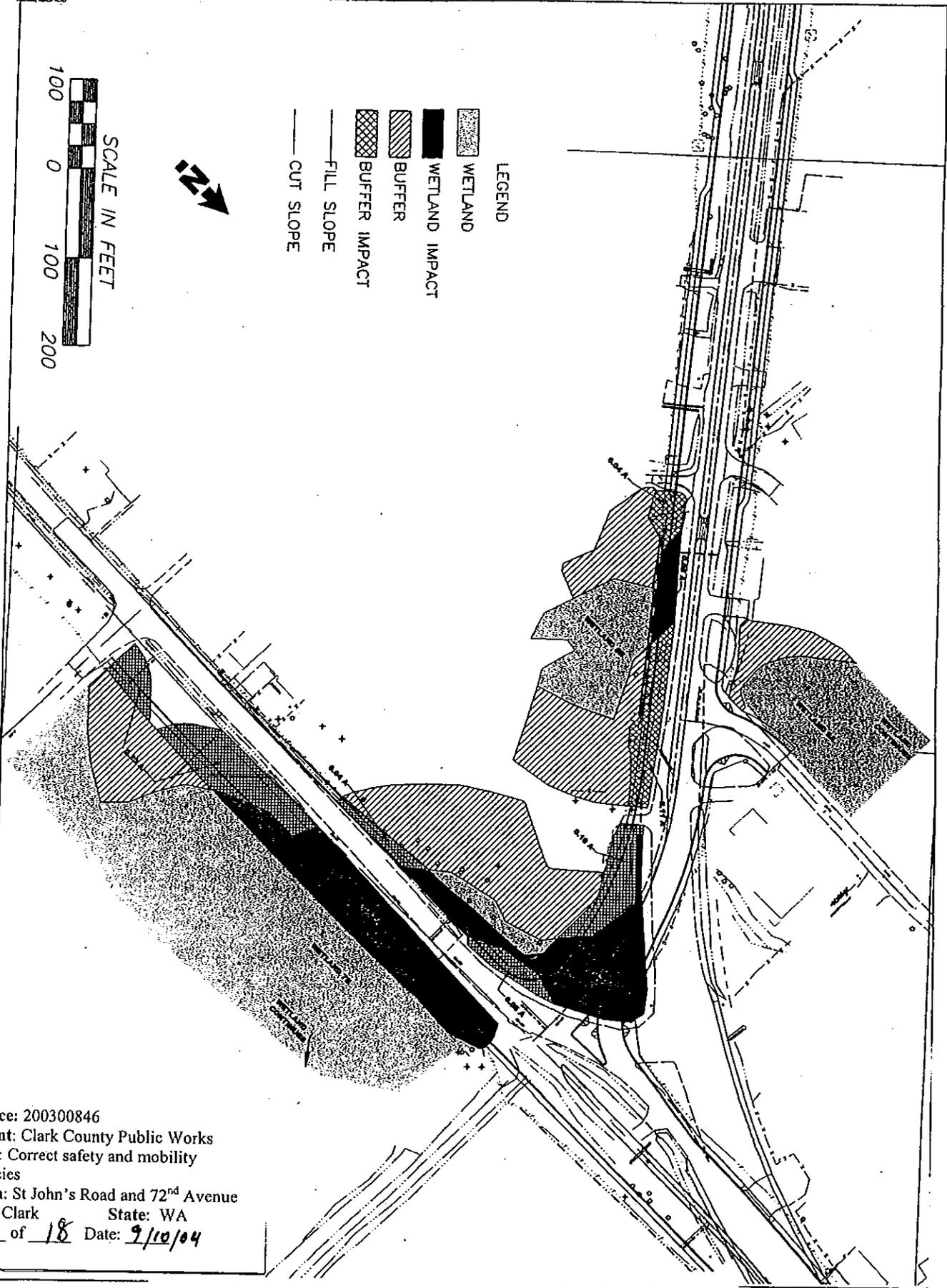


Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 9 of 18 Date: 9/10/04

Wetland Areas 6a, 6b, 6c, 7a

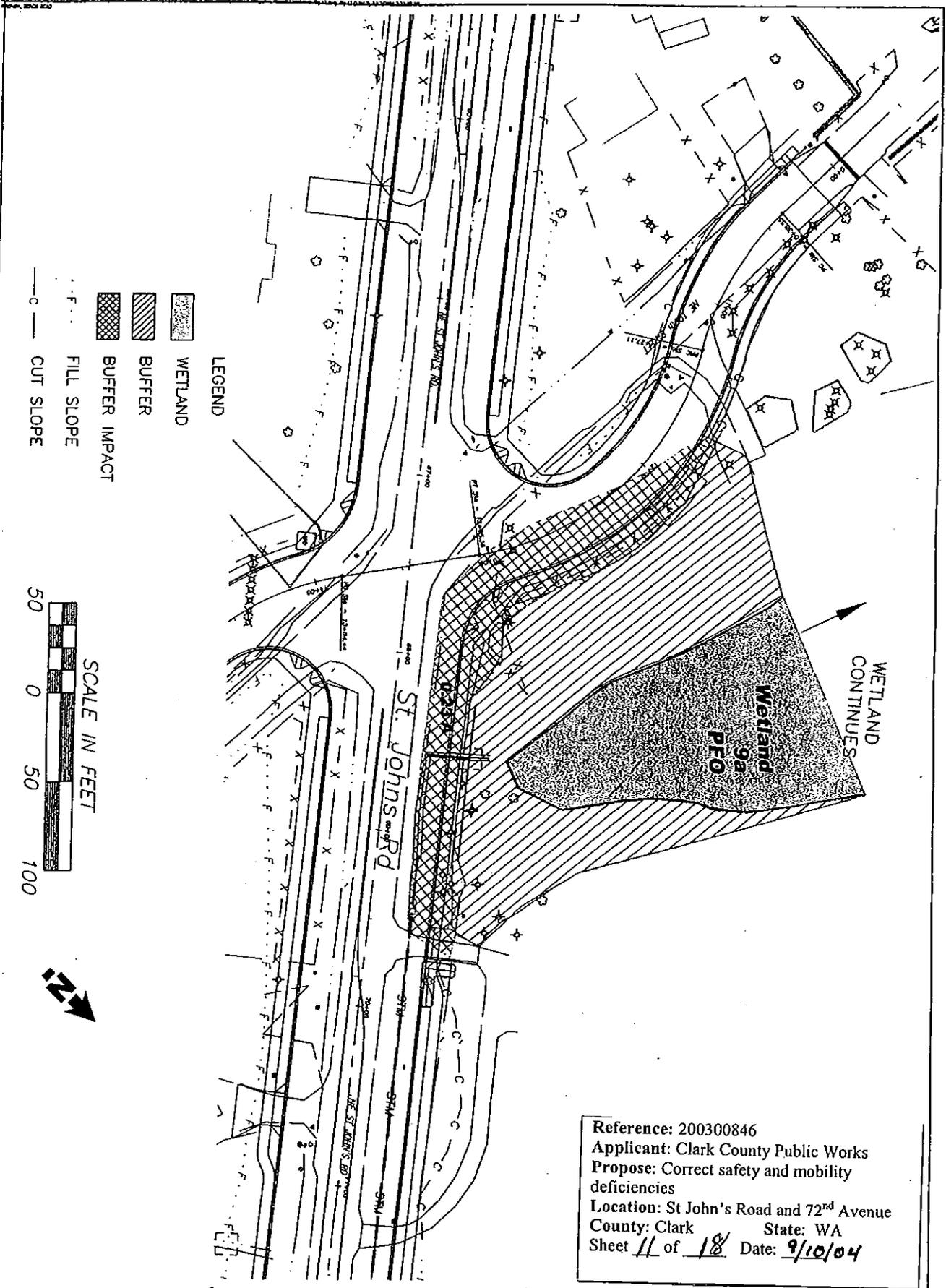


- LEGEND
-  WETLAND
 -  WETLAND IMPACT
 -  BUFFER
 -  BUFFER IMPACT
 -  FILL SLOPE
 -  CUT SLOPE



Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 10 of 18 Date: 9/10/04

Wetland Areas 7b, 7c, 8a, 8b



Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 11 of 18 Date: 9/10/04

Wetland Area 9a

200300845

Classification and impacts to wetlands of the NE 72nd Ave./St. Johns Rd. project area. (road improvements)

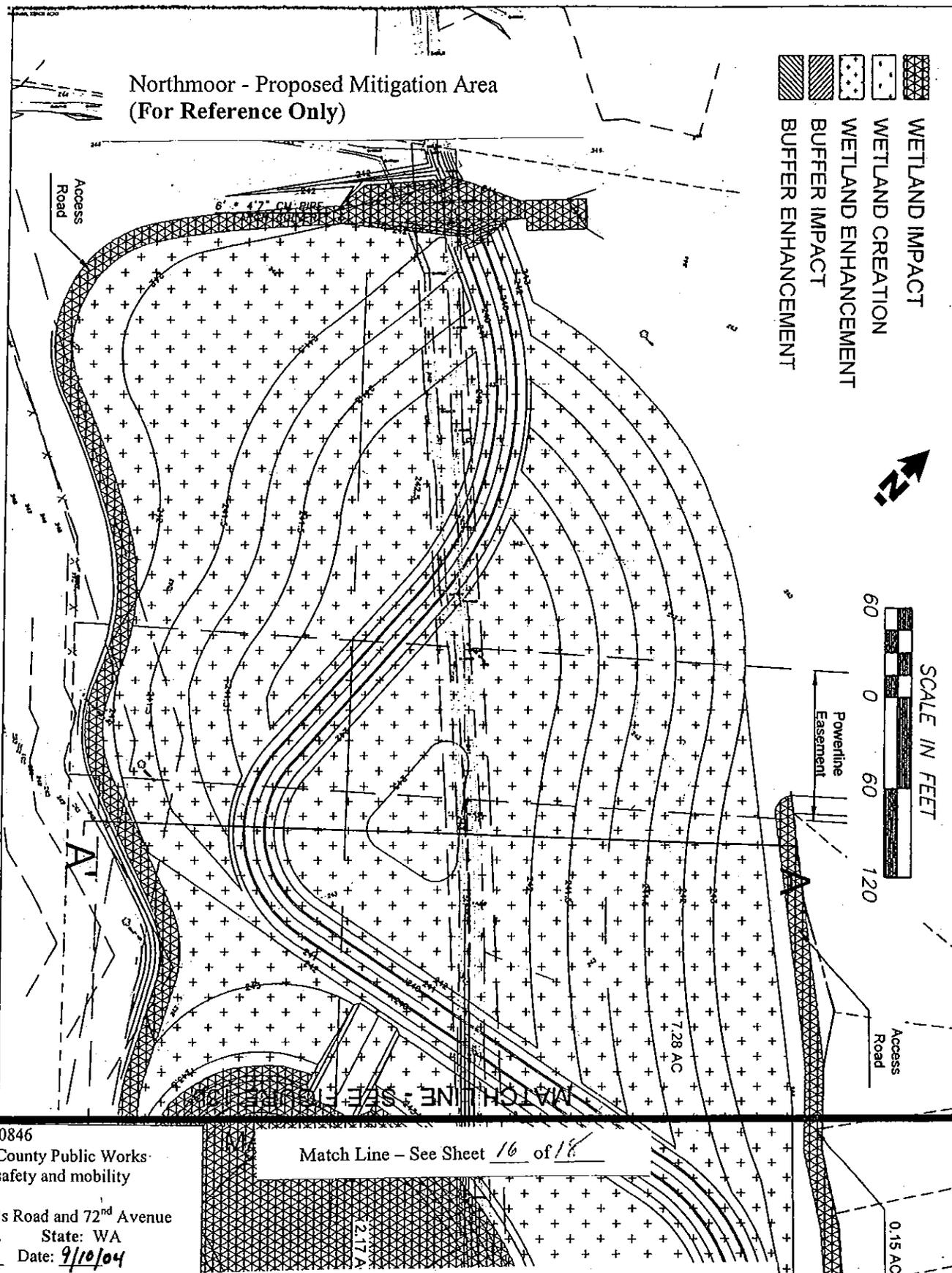
SITE	DESCRIPTION	SIZE (acres)	CowardIn	Wetland	Buffer
0a	reed canarygrass marsh with patches of willow	10+	PFO1C	0.13	0
1a	ditch		PEM1C	0.002	0.04
1b	ditch		PEM1C	0.02	0.23
2a1	Emergent wetland	1	PEM1B	0.03	0.07
2a2	seasonally flooded reed canarygrass marsh	4.5	PEM/PSS1C	0.14	0.007
2b	wet pasture	3	PEM1B	0.22	0.17
2c1	remnant ditch	0.01	PFO1B	0.01	0.14
2c2	seasonally flooded wet pasture, isolated	0.6	PEM1C	0.54	
3a	mitigated ditch	NA	PEM1B	0	NA
3b	reed canarygrass and cat-tail marsh	0.5	PEM1B, PEM1C	0.13	0
3c	reed canarygrass marsh	1	PEM1B	0.07	0
3d	wet horse paddock	0.5	PEM1B	0	0.04
3e	wet horse paddock	0.5	PEM1B	0	0.02
3f	ditch and emergent patch	0.02	PEM1B	0.02	0.06
4a	wet pasture	3	PEM1B	0.05	0.05
4b1	ditch	0.4	PEM1C	0.004	0.23
4b2	wet pasture		PEM1B	0.23	
5a	wet mowed lawn	0.07	PEM1B	0.04	0
5b1	ash grove, isolated	0.6	PFO1C	0.15	0.18
5b2	wet pasture, isolated	1.2	PEM1C	0.34	0.06
6a	wet pasture, isolated	0.06	PEM1B	0.03	0.02
6b	wet pasture, isolated	0.12	PEM1B	0.03	0.03
6c1	ash grove cleared by utility	0.3	PEM1C	0.07	0.17
6c2	ash grove, isolated		PFO1C	0.11	
7a	cleared PFO, now PEM	1.5	PEM1B	0.05	0.41
7b	ash swamp	10+	PFO1C	0.43	0.19
7c	ash/aspen swamp	0.41	PFO1B/C	0.34	0.23
Total Impacts from 72nd Ave.				3.19	2.35

8a	cottonwood/ash swamp	2+	PFO1B/C	0	0
8b	Ash swamp, isolated	0.36	PFO1B/C	0.05	0.15
9a	Ash swamp, isolated	0.5	PFO1B/C	0	0.24
10a	Reed canarygrass marsh	10+	PEM1B	0	0
10b	Cottonwood grove	0.05	PFO1B/C	0.01	0.05
10c	Cottonwood grove	0.32	PFO1B/C	0.06	0.09
10d	Reed canarygrass marsh w/ PSS thickets.	12	PEM/PSS1B	0	0
Total Impacts from St. Johns Rd.				0.12	0.53
TOTAL ROADWAY IMPACTS				3.31	2.88

Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 12 of 18 Date: 9/10/04

Northmoor - Proposed Mitigation Area
(For Reference Only)

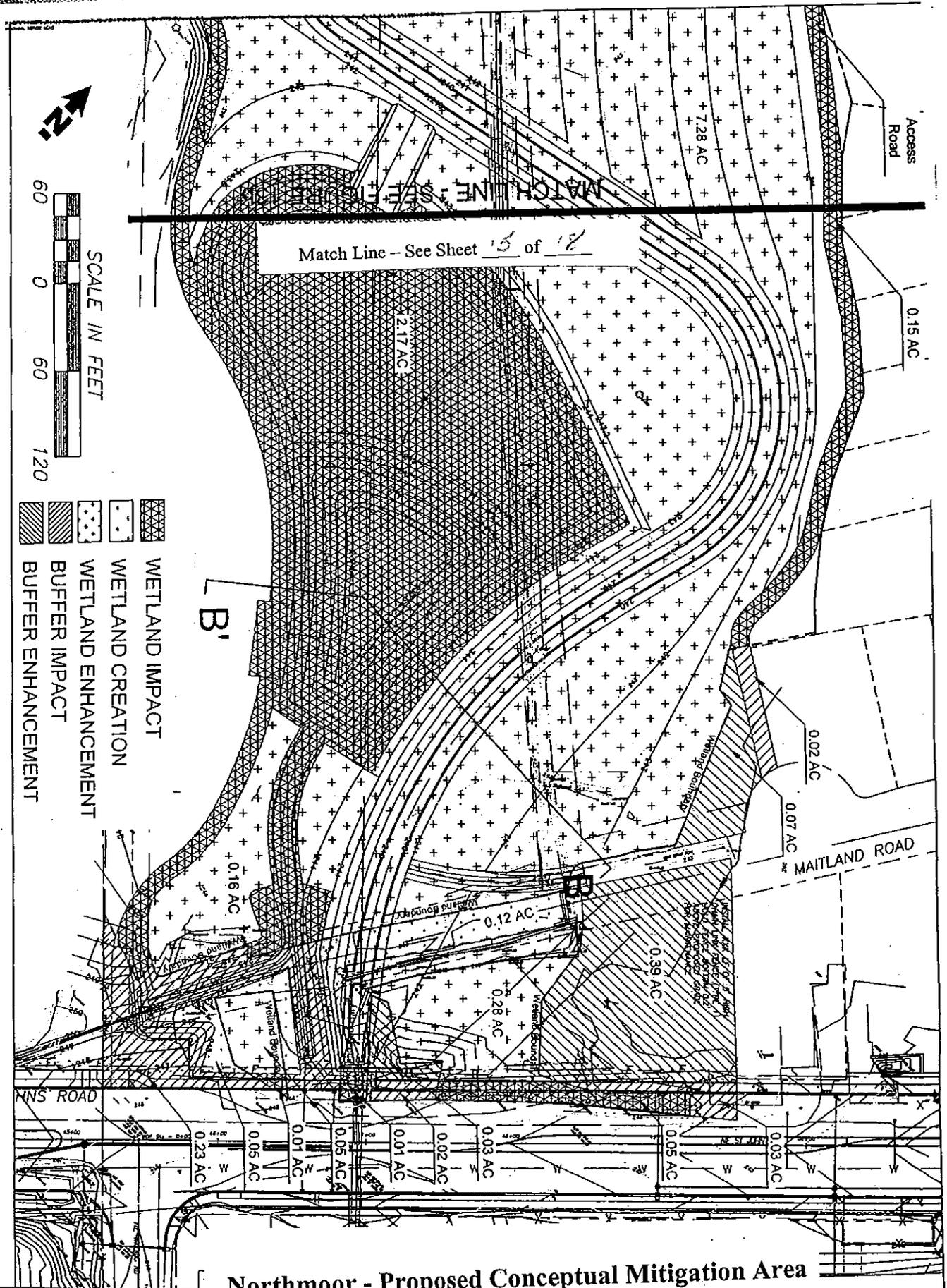
-  WETLAND IMPACT
-  WETLAND CREATION
-  WETLAND ENHANCEMENT
-  BUFFER IMPACT
-  BUFFER ENHANCEMENT



Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 15 of 18 Date: 9/10/04

Match Line - See Sheet 16 of 18

Northmoor - Proposed Conceptual Mitigation Area

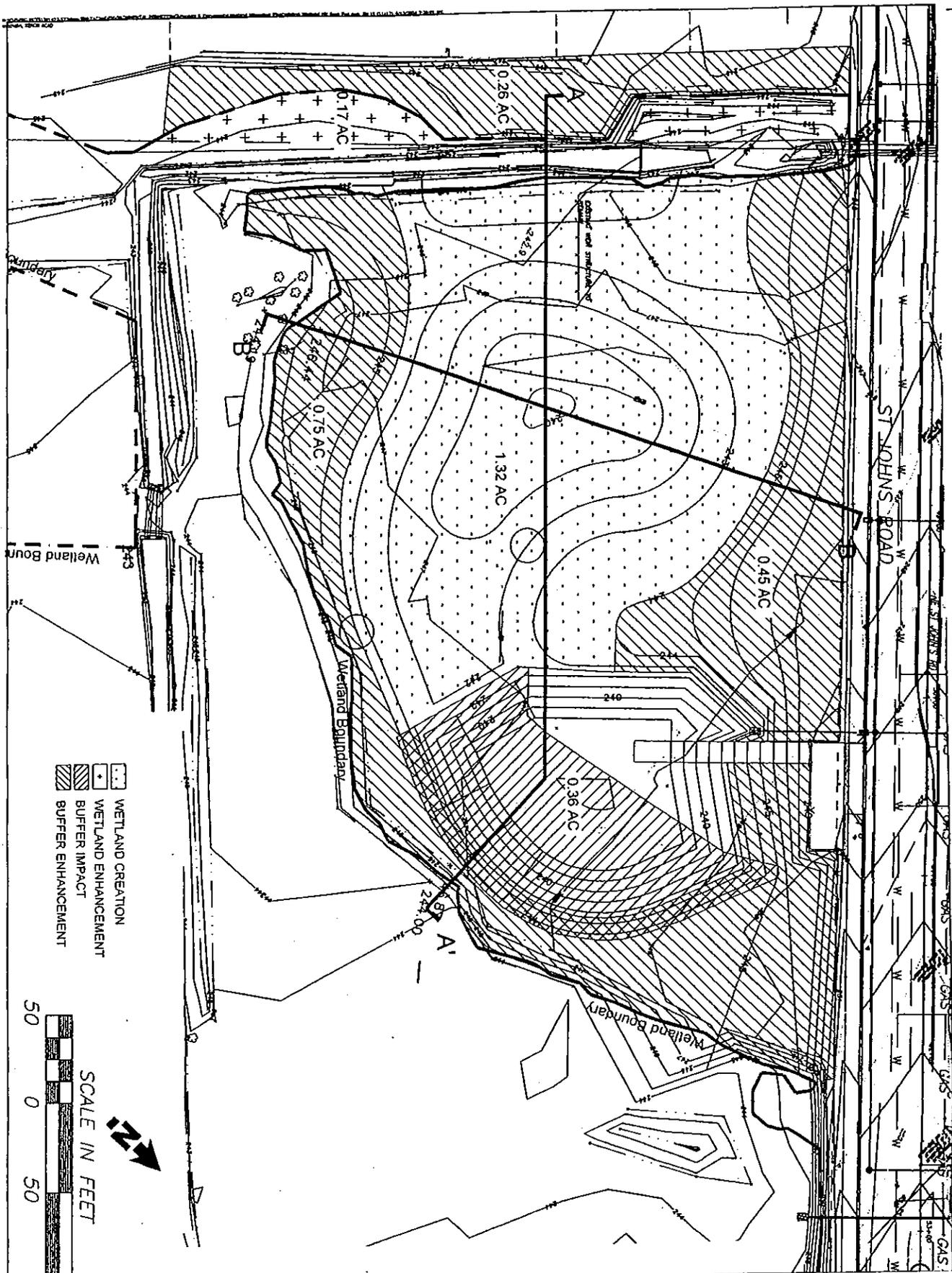


Northmoor - Proposed Conceptual Mitigation Area

Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue

and Widening (91) (47)
 Applicant: Clark County Public Works
 COE Reference: 2003-00845
 Location: NE 72nd Ave between I-205 and St. Johns Rd

Proposed: Fill 7.08 AC of Wetland
 Date: ~~11/11/03~~
 Sheet: ~~15~~



Wilding - Proposed Conceptual Mitigation Area

Reference: 200300846
 Applicant: Clark County Public Works
 Propose: Correct safety and mobility deficiencies
 Location: St John's Road and 72nd Avenue
 County: Clark State: WA
 Sheet 17 of 18 Date: 9/10/04

Purpose: Wetland Fill for Road Widening
 Datum: Horizontal = NAD 83 (91)
 Vertical = NGVD 29 (47)

Applicant: Clark County Public Works
 COE Reference: 2003-00845
 Location: NE 72nd Ave between I-205 and St. Johns Rd
 NE St. Johns Rd between 50th St and 72nd Ave

200300845

Classification and impacts to wetlands of the NE 72nd Ave./St. Johns Rd. project area.

SITE	DESCRIPTION	SIZE	Cowardin	Wetland	Buffer
		(acres)			
SWF 1 (10a) (Northmoor)	Reed canarygrass marsh	10+	PEM1B	2.32	0.18
SWF 2 (10d) (Wilding)	Reed canarygrass marsh w/ PSS thickets	12	PEM/PSS1B	0	0.36
SWF 3 (Stevens)	Reed canarygrass marsh	12	PEM1E	0.67	1.69
SWF 4 (Schuller)	Reed canarygrass marsh	20	PEM1E	0.78	0.99
TOTAL STORMWATER FACILITY IMPACTS				3.77	3.22
TOTAL IMPACTS				7.08	6.10

Reference: 200300846
Applicant: Clark County Public Works
Propose: Correct safety and mobility
deficiencies
Location: St John's Road and 72nd Avenue
County: Clark State: WA



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

*P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006*

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Notice of Application for
Water Quality Certification

Date: 10/14/04

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. 200300845 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Any person desiring to present views on the project pertaining to compliance with water pollution control laws may do so by providing written comments within 30 days of the above publication date to:

Federal Permit Coordinator
Department of Ecology
SEA Program
Post Office Box 47600
Olympia, Washington 98504-7600