



STATE OF WASHINGTON
DEPARTMENT OF CORRECTIONS
OFFICE OF THE SECRETARY
P.O. Box 41101 • Olympia, Washington 98504-1101 • (360) 753-2500
FAX (360) 664-4056

November 10, 2004

The Department of Corrections is proposing to repair and reconstruct the access road (Eagle Crest Way) serving the Clallam Bay Corrections Center, Clallam Bay, Washington.

The proposed project includes reducing the width of the full length of the existing paved roadway from 32 feet to 24 feet, localized road subgrade repair, repaving and re-striping of existing asphalt, installation of approximately 4,200 linear feet of guardrail at select locations, excavation and installation of approximately 560 lineal feet of underdrain pipe, and drainage ditch work at twelve locations that will include excavation of existing drainage ditches, and installation of nine catch basins and drain pipe.

As lead agency, the Department of Corrections submits the enclosed Environmental Checklist and Declaration of Non-Significance for your review and comment.

Comments will be received until 5:00 p.m., November 24, 2004. Please address all comments to the following:

Alana Hess, Environmental Project Manager
Department of Corrections
Capital Planning and Development
PO Box 41112
Olympia, Washington 98504-1112

The date of this action is November 10, 2004.

Sincerely,

Joseph D. Lehman
Secretary

JDL:AH:rb
Enclosure

"Working Together for SAFE Communities"

SEPA
DETERMINATION OF NON-SIGNIFICANCE

Description of Proposal:

Project Summary

The proposal is to repair and reconstruct approximately 9,700 linear feet of existing asphalt pavement and 150 linear feet of associated existing drainage ditches of the main access road (Eagle Crest Way) serving the Clallam Bay Corrections Center.

Project Details

The full length of the existing access road will be reduced in width from 32 feet to 24 feet for an overall reduction of 77,600 square feet, or 25 percent, of existing paved surface. Road width reduction will be accomplished by sawcutting and pulverizing. The pulverized material will be left in place to provide for road shoulder surfacing material.

Other components of this proposal include localized subgrade repair, repaving and re-striping of existing asphalt, installation of approximately 4,200 linear feet of guardrail at select locations, excavation and installation of approximately 560 linear feet of 12-inch perforated underdrain pipe, and drainage ditch work at twelve locations. The ditch work involves installation of catch basins with 10 linear feet of 18 inch drain pipe at eight locations, the installation a catch basin without drain pipe at one location, and the 50-foot long by 15-foot wide excavation of three existing drainage ditches one upstream and two downstream of the roadway.

Proponent: Washington State Department of Corrections

Location of Proposal, including street address, if any: The Clallam Bay Corrections Center (CBCC) is located at the mailing address of 1830 Eagle Crest Way, Clallam Bay, Washington, 98326-9723. The facility access road (Eagle Crest Way) is located outside of the secured perimeter of the CBCC within Sections 28, 29, and 30, Township 32 North, Range 12 West, W.M., Clallam County.

Lead Agency: WASHINGTON STATE DEPARTMENT OF CORRECTIONS.

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a complete environmental checklist and other information on file with the lead agency. This information is available to the public on request.

- There is no comment period for the Determination of Non-Significance (DNS).
- This DNS is issued under WAC 197-11-340(2). Comments must be received by 5:00 p.m., November 24, 2004.

Responsible official: Joseph D. Lehman

Position/Title: Secretary

Address: P.O. Box 41112; Olympia, WA 98504-1112

Date: November 10, 2004

Signature: _____



Designated Contact:

Alana Hess, Environmental Project Manager
Department of Corrections
Capital Planning and Development
PO Box 41112
Olympia, WA 98504-1112

- There is no agency appeal.

ENVIRONMENTAL CHECKLIST

A. BACKGROUND

1. Name of the proposed project:

Clallam Bay Corrections Center Access Roadway Repair & Reconstruction

2. Name of Applicant:

Washington State Department of Corrections

3. Address and telephone number of applicant and contact person:

Alana Hess
Environmental Project Manager
Washington State Department of Corrections
P.O. Box 41112
Olympia, Washington 98504-1112
Telephone: (360) 586-8739
FAX: (360) 586-8723

4. Date checklist prepared:

November 8, 2004

5. Agency requesting checklist:

Washington State Department of Corrections

6. Proposed timing or schedule (including phasing, if applicable):

Construction will begin approximately March 2005 if environmental review is complete and all necessary permits and approvals are in hand. The duration of construction will be approximately 60 days with completion estimated by the first of June 2005.

7. Are there plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No, although maintenance of the existing culverts and ditches is an on-going activity, and two of the culverts have been identified as needing repair or replacement in the near future.

8. List any environmental information that has been prepared, or will be prepared, directly related to this proposal:

None other than this Checklist.

9. Are there applications that are pending for governmental approvals of other proposals directly affecting the property covered by the proposal?

No, not that are known.

10. List any governmental approvals or permits that will be needed for the proposal:

Clallam County Department of Community Development: Certificate of Compliance Critical Areas Ordinance (including Erosion Control and Aquatic & Wildlife Habitat Mitigation Plans)

Washington State Department of Fish & Wildlife: Hydraulic Project Approval - Consultation for Requirements

11. Provide a brief, complete description of the proposal, including the proposed uses and the size of the project and site:

Project Summary

The proposal is to repair and reconstruct approximately 9,700 linear feet of existing asphalt pavement and 150 linear feet of associated existing drainage ditches of the access road (Eagle Crest Way) serving the Clallam Bay Corrections Center (CBCC).

Project Details

The full length of the existing access road will be reduced in width from 32 feet to 24 feet for an overall reduction of 77,600 square feet, or 25 percent, of existing paved surface. Road width reduction will be accomplished by sawcutting and pulverizing, leaving the pulverized material in place to provide for road shoulder surfacing material.

Other components of this proposal include localized road subgrade repair, repaving and re-striping of existing asphalt, installation of approximately 4,200 linear feet of guardrail at select locations, excavation and installation of approximately 560 linear feet of 12-inch perforated underdrain pipe, and drainage ditch work at twelve locations. The ditch work involves installation of catch basins with 10 linear feet of 18 inch drain pipe at eight locations, the installation a catch basin without drain pipe at one location, and the 50-foot long by 15-foot wide excavation of three existing drainage ditches - one upstream and two downstream of the roadway.

Sheets 2 through 5 of the project drawings attached to this Checklist provide the locations and descriptions of work along the roadway. Details are provided on sheets 6 and 7.

12. Location of the proposal. Provide sufficient information for a person to understand the precise location of the proposed project, including a street address if any, and section, township, and range. Provide a legal description, site plan, vicinity map, and topographical map, if reasonably available.

The Clallam Bay Corrections Center (CBCC) is located at the mailing address of 1830 Eagle Crest Way, Clallam Bay, Washington, 98326-9723. The institution access road

(Eagle Crest Way) is located outside of the secured perimeter of the CBCC within Sections 28, 29, and 30, Township 32 North, Range 12 West, W.M., Clallam County.

Sheet 1 of the attached project drawings provides a vicinity and location map for the proposal.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. **General description of the site (underline):**

flat, rolling (surrounding), hilly (surrounding), steep slopes (surrounding), mountainous, other:

b. **What is the steepest slope on the site (approximate percent slope)?**

The maximum slope of the roadway within the construction footprint is 8%. The maximum slope adjacent to the roadway leads to a drainageway and is one-horizontal to one-vertical, or 100%, slope.

c. **What general types of soils are found on the site (for example clay, sand, gravel, peat, muck)? Specify the classification of agricultural soils and note any prime farmland.**

In general, surficial soils are residual (weathered from the sandstone and siltstone bedrock) and fill material. No agricultural soils or prime farmland occurs within the project area.

d. **Are there any surface indications or a history of unstable soils in the immediate vicinity? If so, describe.**

No, there are no surface indications of unstable soils within the immediate vicinity of the project area. However, Clallam County designates areas of erosion hazard in the immediate vicinity of and at the project area in the upper portion of Eagle Crest Way near the institution.

e. **Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate the source of the fill.**

Repairs to sections of the roadway will require the importation of approximately 2,500 cubic yards of gravel and asphalt. Excavation of existing ditches will involve removal of approximately 25 cubic yards of material. Imported gravel and asphalt will be from an approved contractor-selected source.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe:**

Yes, erosion may occur during clearing and construction if high winds or heavy rainfall is experienced. No erosion will result from use of the completed proposal.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example buildings or asphalt)?**

No increase in impervious surfaces will result from this proposal. Paved surfaces of the existing road within the project footprint total approximately 310,400 square feet. Reduction of the road width will result in approximately 232,800 square feet of paved surfaces.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:**

The project specifications require the awarded contractor to provide for temporary and permanent erosion control Best Management Practices (BMPs) that will include berms, dikes, swales, dams, fiber mats, netting, gravel, mulch, seeding, silt fencing, hay bales, and/or similar methods. Submittal of a schedule for an Erosion Control Plan (ECP) by the contractor 14 days prior to construction will be required. The ECP will also identify haul routes, material lists and storage, stockpile and staging areas, and a schedule for implementing BMPs and removing them on site stabilization. In addition, cleaning will be required on a regular basis to maintain roadways free of mud and dust.

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial, wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities, if known.**

During construction, emissions will result from the operation of construction equipment and vehicles. The quantity of emissions is not known. No emissions will result from the completed project.

- b. Are there any off-site sources of emissions or odors that may affect the proposal? If so, generally describe.**

No.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:**

Construction vehicles and equipment will be expected to be lawfully equipped with pollution control devices.

3. Water

a. Surface:

1. **Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, and wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

Yes, there are four streams that transect the roadway. Clallam County classifies three of these streams as Type 5. The fourth stream is both Type 3 and Type 4 changing classifications from one side of the road to the other.

2. **Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.**

Yes. Work will occur adjacent to all of the described streams. However, no work will occur over or in any of the described streams.

3. **Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.**

No fill or dredge material will be placed in or removed from surface waters or wetlands. However, excavation in drainage ditches that may contain water will occur.

4. **Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities, if known.**

No diversions of surface water will be necessary. The contractor will be required to remove standing water from drainage ditches by pumping. A plan from the contractor for pumping, including the routing and discharge locations, will be required prior to beginning construction.

5. **Does the proposal lie within a 100-year flood plain? If so, note location on the site plan.**

No.

6. **Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**

No, the project does not include any designed discharges of waste materials to surface waters. However, petroleum products from the asphalt pavement and vehicles that use the roadway could enter surface waters in the drainage ditches.

b. Ground

1. **Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.**

No.

2. **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any. Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) is expected to serve.**

No waste material will be discharged into the ground as a result of this proposal.

c. Water Runoff (including storm water)

1. **Describe the source of runoff (including storm water) and method of collection and disposal, if any (including quantities if known). Where will this water flow? Will this water flow into other waters? If so, describe.**

The existing source of runoff is the paved roadway. Runoff from this surface is collected and routed by way of a system of culverts and vegetated drainage ditches. On completion of construction, runoff from the reduced paved surface area will be managed by the same system.

2. **Could waste materials enter ground or surface waters? If so, generally describe.**

As noted in 3. a. 6. above, petroleum products from the asphalt pavement and vehicles that use the roadway could enter surface waters in the drainage ditches.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Eight catch basins will be installed on the upstream side of the existing culverts that transect the roadway. These catch basins will serve to collect runoff from the drainage ditches, and will allow for settling should runoff contain sediments.

4. Plants

a. **Underline the types of vegetation found on site:**

X **deciduous trees:** alder, maple, aspen, other:

X **evergreen trees:** fir, cedar, pine, other: mountain hemlock

X **shrubs:** Scotch broom, Himalayan blackberry

X **grass:** multiple species

___ **pasture:**

___ **crop or grain:**

X **wet soil plants:** cattail, buttercup, bullrush, skunk cabbage, other:

___ **water plants:** water lily, eelgrass, milfoil, other:

X **other types of vegetation:** oxeye daisy, horsetail, clover, dandelion, coltsfoot, thistle, sword fern, pearly everlasting, trailing blackberry, moss

b. **What kind and amount of vegetation will be removed or altered**

No deciduous or coniferous species larger than seedlings will be removed or altered. No cattails or skunk cabbage will be removed or altered. All other species listed in a. above may be removed or altered.

c. **List threatened or endangered species known to be on or near the site.**

No threatened or endangered plant species are known or have been observed to occur in or near the project area.

d. **Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:**

None.

5. Animals

- a. **Underline any birds and animals which have been observed on or near the site or are known to be on or near the site:**

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other: Douglas squirrel

fish: bass, salmon, trout, herring, shellfish, other:

- b. **List any threatened or endangered species known to be on or near the site.**

No threatened, endangered, or sensitive species are known to occur or have been observed within the project area.

- b. **Is the site part of a migration route? If so, explain.**

No, not that is known.

- d. **Proposed measures to preserve or enhance wildlife, if any:**

None.

6. Energy and Natural Resources

- a. **What kinds of energy (electric, natural gas, oil, wood, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.**

The completed proposal will not require any source of energy.

- b. **Would the project affect the potential use of solar energy by adjacent properties? If so, generally describe.**

No.

- c. **What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:**

Not applicable.

7. Environmental Health

- a. **Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire, explosion, spills, or hazardous waste that could occur as a result of this proposal? If so, describe.**

No, not as a result of this proposal.

1. **Describe special emergency services that might be required.**

None.

2. **Proposed measures to reduce or control environmental health hazards, if any:**

Not applicable.

- b. **Noise**

1. **What types of noise exist in the area which may affect your project (for example: traffic, equipment operation, other)?**

None.

2. **What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.**

During construction, short-term noise elevation will occur as a result of the operation of and daily ingress and egress of construction equipment and vehicles. Construction activities will be confined to 7:00 AM to 6:00 PM, Monday through Friday. Exceptions to these hours or weekend and holiday work is subject to prior request and approval. No long-term increase in noise levels will result from this project.

3. **Proposed measures to reduce or control noise impacts, if any.**

Construction vehicles and equipment will be expected to be lawfully equipped with noise control devices.

8. Land and Shoreline Use

- a. **What is the current use of the site and adjacent properties?**

The project area is the access road (Eagle Crest Way) that serves the CBCC, a medium security adult correctional institution. Most properties adjacent to the CBCC are under the ownership of the State of Washington Department of Natural Resources, with other forestry holdings by Rayonier. Private and

commercial properties are located adjacent to Eagle Crest Way between State Route 112 and the county-owned Charlie Creek Road.

b. Has the site been used for agriculture? If so, describe.

No, not that is known.

c. Describe any structures on the site.

A paved roadway, culverts, constructed drainage, and signs occur within the project area.

d. Will any structures be demolished? If so, what?

No.

e. What is the current zoning classification of the site?

Eagle Crest Way occurs within all of the following Clallam County zoning classifications: URH (Urban Residential High Density), UC (Urban Center), M (Industrial), and CF (Commercial Forest).

f. What is the current comprehensive plan designation of the site?

Clallam County's Comprehensive Plan designations for the project area are the same as those listed for zoning in 8. e. above.

g. If applicable, what is the current shoreline master program designation of the site?

Not applicable. No portion of the project lies within Shoreline Management Act jurisdictional areas.

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Yes. Clallam County has designated the upper portion of the access road (Eagle Crest Way) near the institution as an area of Erosion Hazard. In the areas where the four streams transect the road, Aquatic and Wildlife Habitat areas are designated.

i. Approximately how many people would reside or work in the completed project?

None. No residences or work facilities will result from this proposal.

j. Approximately how many people would the completed project displace?

None.

k. Proposed measures to avoid or reduce displacement impacts, if any:

Not applicable.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Clallam County has jurisdictional authority over land uses in the project area. All required permits and approvals for the project will be acquired from the county.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None.

c. Proposed measures to reduce or control housing impacts, if any.

Not applicable.

10. Aesthetics

a. What is the tallest height of any of the proposed structure(s), not including antennas? What is the principal exterior building material(s) proposed?

No above-ground structures are proposed.

b. What views in the immediate vicinity would be altered or obstructed?

Not applicable.

c. Proposed measures to reduce aesthetic impacts, if any:

Not applicable.

11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

No lighting is proposed.

- b. **Could light or glare from the finished project be a safety hazard or interfere with views?**

Not applicable.

- c. **What existing off-site sources of light or glare may affect your proposal?**

None.

- d. **Proposed measures to reduce or control light and glare impacts, if any:**

Not applicable.

12. Recreation

- a. **What designated and informal recreational opportunities are in the immediate vicinity?**

None.

- b. **Would the proposed project displace any existing recreational uses? If so, describe.**

No.

- c. **Proposed measures to reduce or control impacts on recreation, including recreational opportunities to be provided by the project or applicant, if any:**

Not applicable.

13. Historic and Cultural Preservation

- a. **Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.**

No.

- b. **Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.**

No landmarks or evidence of archaeological, cultural or scientific items of importance are known to occur in the vicinity of the project area.

- c. **Proposed measures to reduce or control impacts, if any:**

Not applicable.

14. Transportation

- a. **Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.**

State Route 112 and Charlie Creek Road serve and intersect with Eagle Crest Way.

- b. **Is the site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?**

No.

- c. **How many parking spaces would the completed project have? How many would the project eliminate?**

The project will not result in the creation of new parking spaces or the elimination of existing spaces.

- d. **Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).**

No new roads or streets are proposed. The project is to repair and reconstruct the existing roadway.

- e. **Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

No.

- f. **How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.**

No change in the existing pattern or volume of vehicular traffic will occur as a result of this project.

- g. **Proposed measures to reduce or control transportation impacts, if any:**

The project specifications require the contractor to submit a traffic control plan to manage short-term traffic impacts during construction.

15. Public Services

- a. **Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.**

No.

- b. **Proposed measures to reduce or control direct impacts on public services, if any:**

Not applicable.

16. Utilities

- a. **Underline utilities currently available at the site:**

electricity, natural gas, water, refuse service, telephone, sanitary sewer, cable, propane, other: No utilities serving the CBCC are known to be routed along Eagle Crest Way.

- b. **Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

No new utility services or connections are proposed.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Date Submitted: November 8, 2004

FACILITY: CLALLAM BAY CORRECTIONS CENTER
PROJECT: FACILITY ROAD ACCESS (EAGLE CREST
WAY) REPAIR AND REHABILITATION
THRESHOLD DETERMINATION DATE:
NOVEMBER 10, 2004

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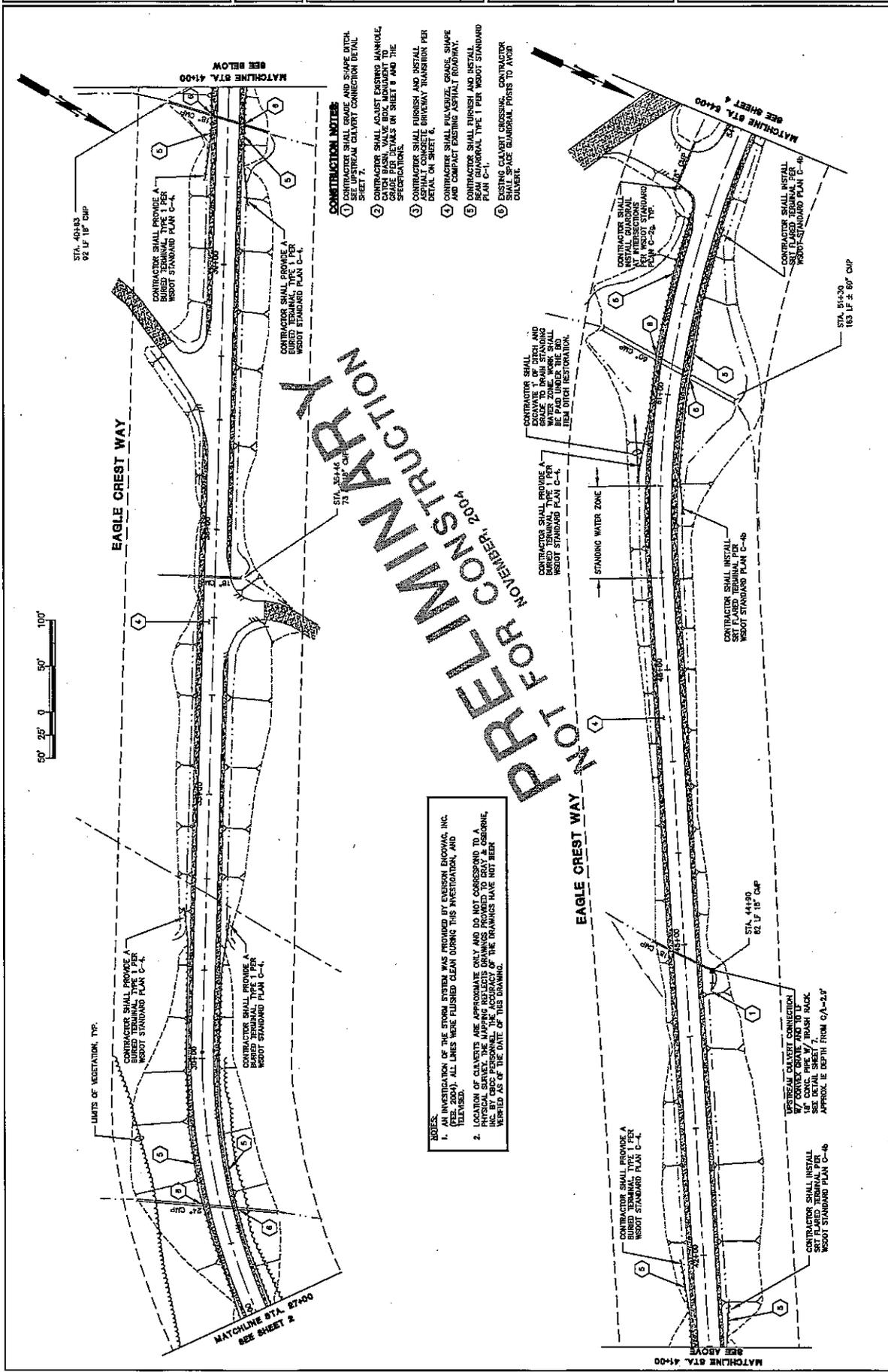
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MR GREGG FREEMAN
NORTHWEST REGION FIELD ADMINISTRATOR
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- CONSTRUCTION NOTES:**
- CONTRACTOR SHALL GRADE AND SHAPE DITCH SEE UPSTREAM CULVERT CONNECTION DETAIL SHEET 7.
 - CONTRACTOR SHALL ADJUST EXISTING MANHOLE, CATCH BASIN AND CURB TO MATCH EXISTING GRADE FOR DETAILS IN SHEET 8 AND THE SPECIFICATIONS.
 - CONTRACTOR SHALL FURNISH AND INSTALL ASPHALT CONCRETE DRIVEWAY TRANSITION PER DETAIL ON SHEET 8.
 - CONTRACTOR SHALL FURNISH, GRADE, SHAPE AND COMPACT EXISTING ASPHALT ROADWAY.
 - CONTRACTOR SHALL FURNISH AND INSTALL ASPHALT CONCRETE DRIVEWAY TRANSITION PER DETAIL ON SHEET 8.
 - EXISTING GAVERT CROSSING. CONTRACTOR SHALL SPREAD GUARDRAIL POSTS TO AVOID CULVERT.

NOTES:

- REVISIONS OF THE DESIGN SHEETS WAS PROVIDED BY ERSKIN BROSIGUS, INC. (EBS) IN 2004. ALL LINES WERE FURNISHED CLEAN DURING THIS INVESTIGATION, AND RELEASED.
- LOCATION OF GAVERTS ARE APPROXIMATE ONLY AND DO NOT CORRESPOND TO A PHYSICAL SURVEY. THE MAPPING REFLECTS DRAWINGS PROVIDED TO GRAY & OSBORNE, INC. THE ACCURACY AND COMPLETENESS OF THE DRAWINGS HAVE NOT BEEN VERIFIED AS OF THE DATE OF THIS DRAWING.

THE SURVEY INFORMATION FOR RIGHT-OF-WAY, PROPERTY LINES AND TOPOGRAPHIC DATA, INFORMATION AND DATA HAS BEEN OBTAINED FROM THE RECORD DRAWINGS AND FIELD SURVEY DATA AND ARE ONLY APPROXIMATE.

DATE NOV. 2004	SCALE 1"=30'	DRAWN: B.M.L.	CHECKED: K.W.E.	APPROVED: T.L.D.
REASON	DATE	APP'D		

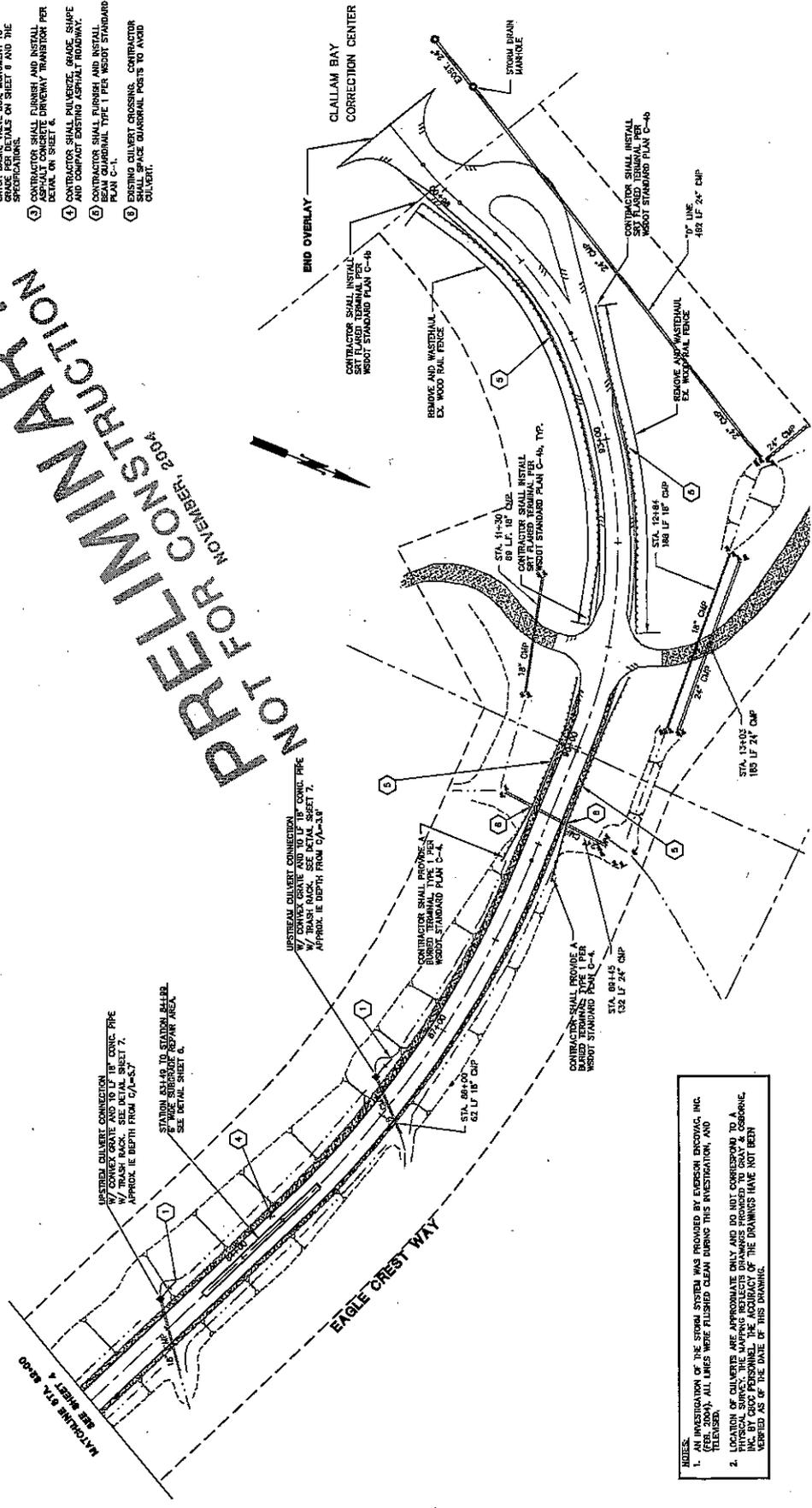


DEPARTMENT OF CORRECTIONS
CLALLAM BAY CORRECTIONS CENTER
ACCESS ROAD REHABILITATION
STATION 82+00 TO 86+00 (END)

SHEET: 6
OF: 7
JOB NO. 04440.00
DATE: PLAN-7

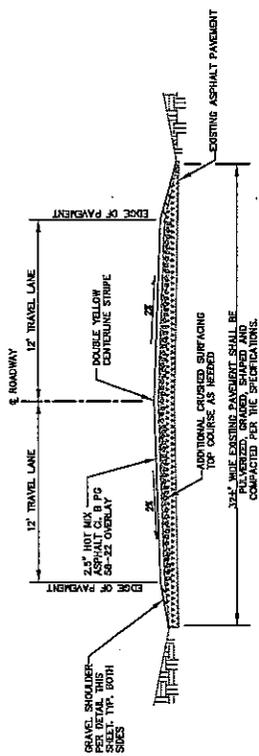
- CONSTRUCTION NOTES**
- CONTRACTOR SHALL GRADE AND SHAPE DITCH TO BEHIND CURBLET CONNECTION DETAIL SHEET 7.
 - CONTRACTOR SHALL ADJUST EXISTING MANHOLE, CATCH BASIN, VALVE BOX, MONUMENT TO SHOW EXISTING FINISH AND ELEVATION.
 - CONTRACTOR SHALL FINISH AND INSTALL ASPHALT CONCRETE DRIVEWAY TRANSITION PER DETAIL ON SHEET 6.
 - CONTRACTOR SHALL PULVERIZE, GRADE, SHAPE AND COMPACT EXISTING ASPHALT ROADWAY.
 - CONTRACTOR SHALL FURNISH AND INSTALL BEAM GUARDRAIL TYPE 1 PER WSDOT STANDARD PLAN C-1.
 - EXISTING CULVERT CROSSING. CONTRACTOR SHALL REMOVE EXISTING PILES TO AVOID CULVERT.

PRELIMINARY
NOT FOR CONSTRUCTION
 NOVEMBER, 2004

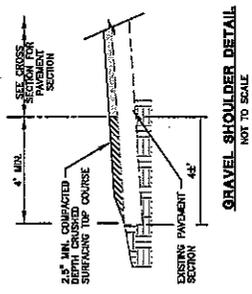


- NOTES**
- INVESTIGATION OF THE STORM SYSTEM WAS PROVIDED BY EVERSON DRAINAGE, INC. (FEB. 2004). ALL LINES WERE FURNISHED CLEAN DURING THIS INVESTIGATION, AND TELEVISION.
 - LOCATION OF CULVERTS ARE APPROXIMATE ONLY AND DO NOT CORRESPOND TO A PHYSICAL SURVEY. THE LUMPING REFLECTS CHANGES PROVIDED BY GRAY & OSBORNE, INC. THE LOCATION OF THE DRAINAGE LINE HAS NOT BEEN VERIFIED AS OF THE DATE OF THIS DRAWING.

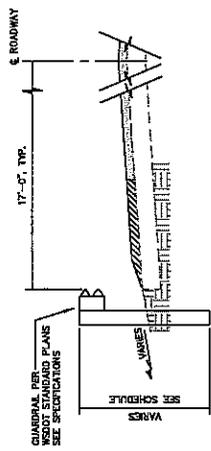
THE SURVEY INFORMATION PER RIGHT-OF-WAY, PROPERTY LINES AND TOPOGRAPHIC DATA, FROM HEREON, IS BASED ON AVAILABLE RECORD INFORMATION AND FIELD SURVEY AND ARE ONLY APPROXIMATE.



HMA OVERLAY CROSS SECTION
 NOT TO SCALE



GRAVEL SHOULDER DETAIL
 NOT TO SCALE

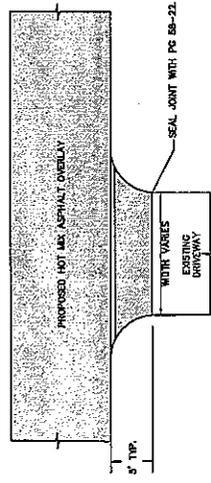


GUARDRAIL PLACEMENT DETAIL
 NOT TO SCALE

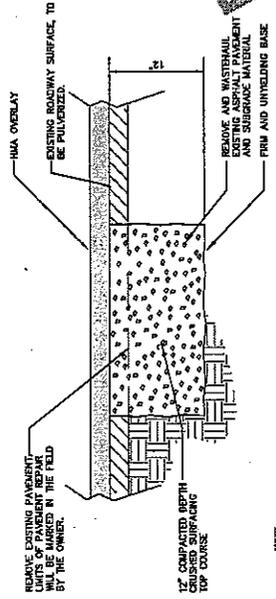
GUARDRAIL POST SCHEDULE

APPROX. BEGN. STA.	APPROX. END STA.	SPR. SUE	POST LENGTH
0+00	0+10	RT	6'
0+10	0+20	RT	6'
0+20	0+30	RT	6'
0+30	0+40	RT	6'
0+40	0+50	RT	6'
0+50	0+60	RT	6'
0+60	0+70	RT	6'
0+70	0+80	RT	6'
0+80	0+90	RT	6'
0+90	1+00	RT	6'
1+00	1+10	RT	6'
1+10	1+20	RT	6'
1+20	1+30	RT	6'
1+30	1+40	RT	6'
1+40	1+50	RT	6'
1+50	1+60	RT	6'
1+60	1+70	RT	6'
1+70	1+80	RT	6'
1+80	1+90	RT	6'
1+90	2+00	RT	6'

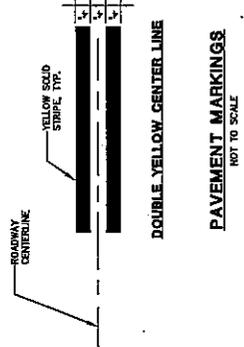
PRELIMINARY
 NOT FOR CONSTRUCTION
 NOVEMBER, 2004



TYPICAL ASPHALT CONCRETE DRIVEWAY TRANSITION
 NOT TO SCALE



SUBGRADE REPAIR SECTION
 NOT TO SCALE



PAVEMENT MARKINGS
 NOT TO SCALE

