

KITTTITAS COUNTY COMMUNITY DEVELOPMENT SERVICES

411 N. Ruby St., Suite 2, Ellensburg, WA 98926

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"Building Partnerships – Building Communities"

SE-08-00013

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Kittitas County
CDS

SEPA ENVIRONMENTAL CHECKLIST

FEE \$400.00

PURPOSE OF CHECKLIST:

The State Environmental Protection Act (SEPA), chapter 43.21C RCW. Requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

INSTRUCTIONS FOR APPLICANTS:

This environmental checklist asks you to describe some basic information about your proposals. Governmental agencies use this checklist to determine whether the environmental impacts or your proposal are significant, requiring preparation if an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "don not know" or "does not apply" Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

USE OF CHECKLIST FOR NONPROJECT PROPOSALS:

Complete this checklist for non-project proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS.

For non-project actions, the references in the checklist to the words "project," "applicant" and "property or site" should be read as "proposal," "proposer" and "affected geographic are" respectively.

TO BE COMPLETED BY APPLICANT

FOR STAFF USE

A. BACKGROUND

1. Name of proposed project, if applicable:

Nelson Siding Road Safety Enhancement project

2. Name of applicant:

Kittitas County Public Works (KCPW)

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

411 North Ruby, Suite 1, Ellensburg, WA 98926

4. Date checklist prepared:

11/25/08

5. Agency requesting checklist:

KCPW

6. Proposed timing or schedule (including phasing, if applicable):
Summer and Fall of 2009 or 2010

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
No such plans are contemplated.

8. List any environmental information you know about that had been prepared, or will be prepared, directly related to this proposal.
A biological assessment will be prepared.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.
No such proposals are known.

10. List any government approvals or permits that will be needed for your proposal, if known.
The project requires a Section 404 permit (US Army Corps of Engineers) including ESA compliance, Section 401 Water Quality Certification (Department of Ecology), Hydraulic Project Approval (Washington Department of Fish and Wildlife), and local shoreline permits (Kittitas County).

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)
The overall length of the road project is 4.36 miles. The project will include widening of the road and replacement of three structures crossing streams. The project will also include overlaying the entire length of the project with new asphalt concrete.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.
The project includes Nelson Siding Road from mile post 0.00 to milepost 4.36 which is located between Golf Course Road and the railroad at the west end of the project.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): flat, rolling, hilly, steep slopes, mountainous, other. _____

The site is generally flat lying within the mountainous area of Kittitas County.

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

Approximately 8%: toward the beginning of the project.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. _____

All soil types are found throughout the project. The streams exhibit a mixture of sand, gravel and cobbles. Fill of various types was imported to support the road.

d. Are there surface indications or history of unstable soils in the immediate vicinity? _____

Springs occur toward the east end of the project.

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

Approximately 11,880 cubic yards of fill will be placed for road widening and roadside safety improvements. The fill source may include a combination of on-site materials and permitted off-site materials. Specific off-site sources have not yet been identified.

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

Minor erosion may occur during construction.

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

Currently the pavement width ranges from 22 to 25 feet wide within a 60-foot wide right-of-way. The road width will be increased to approximately 28 feet. This will result in approximately 47% impervious surface within the right-of-way.

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

Best Management Practices (BMPs) will be used in accordance with the current Washington State Department of Ecology Stormwater Management Manual for Eastern Washington.

2. AIR

a. What types of emissions to the air would result from the proposal (i.e. dust, automobiles, odors, industrial wood smoke) during construction _____

and when the project is completed? If any, generally describe and give approximate quantities if known. **Minor dust and engine exhaust from vehicle traffic typical of rural roads currently exists. The project may result in a slight temporary increase from equipment operation during construction activity. The project will not result in long term changes from current conditions.**

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

No such sources are known.

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

Standard emission control devices will be used on construction equipment. Dust associated with construction activity will be controlled with water.

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, wetlands)? If yes, describe type and provide names. If appropriate, state what streams or river it flows into.

Big Creek (Type "S" water), Little Creek (Type "S" water), Nelson Creek (Type "Ns" water), and an unnamed stream (Type "Ns" water) are located within the project area. The streams are tributaries of the Yakima River.

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.

Existing bridges crossing Big Creek and Little Creek, and an existing culvert crossing the unnamed stream will be replaced. Proposed plans and profiles are attached.

3) Estimate the 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.

There is no fill material proposed to be placed in wetlands.

Material removed will be for the removal of existing footings.

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

Work areas may be temporarily isolated from the stream. No permanent diversions are proposed.

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

Yes, in the immediate vicinity of stream crossing structures at Big Creek and Little Creek

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.

None anticipated. BMPs will be used to minimize the potential for discharge of sediment during construction activity.

b. Ground

1) Will ground water be withdrawn, or will water be discharged to surface waters? If so, give general description, purpose, and approximate quantities if known.

No ground water withdrawal is currently contemplated.

2) Describe waste materials that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals...; agricultural; etc.). 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) are expected to serve.

No such discharges are currently contemplated.

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known).

Where will this water flow? Will this water flow into other waters?

If so, describe.

Equipment wash water and storm water will be treated in accordance with Washington Department of Ecology Stormwater Management Manual for Eastern Washington.

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

Minor quantities of sediment in storm water may enter surface waters during construction.

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

BMPs will be used in accordance with Washington Department of Ecology Stormwater Management Manual for Eastern Washington to minimize the potential for discharge of sediment during construction activity.

4. PLANTS

a. Check or circle types of vegetation found on the site:

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- _____ wet soil plants: cattails, buttercup, bulrush, skunk cabbage, other
- _____ water plants: water lily, eelgrass, milfoil, other
- _____ other types of vegetation: _____

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

Vegetation located within 15 feet from the driving lane will be removed as needed for roadside safety. Vegetation along the roadway generally consists of grass, shrubs, and few trees typical of disturbed roadside areas in the region.

c. List threatened or endangered species known to be on or near the site.
None known. _____

d. Proposed landscaping use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
Disturbed riparian areas will be revegetated with native species _____

5. ANIMALS

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

X birds: hawk, heron, eagle, songbirds, other:
X mammals: deer, bear, elk, beavers, other:
X fish: bass, salmon, trout, herring, shellfish, other: _____

b. List any threatened or endangered species known to be on or near the site. _____
_____ **Middle Columbia River steelhead, Middle Columbia River Basin bull trout are presumed present. Critical Habitat for steelhead has been designated in Big Creek and Little Creek. Critical Habitat for northern spotted owl is designated within one mile of the project site.**

c. Is the site part of a migration route? If so, explain. _____
Fish species may use the streams as a migration route to spawning grounds.

d. Proposed measures to preserve or enhance wildlife, if any. _____
_____ **Bridge structures will be longer than current bridges, reducing constriction and potential for blockage. Impact minimization measures will be implemented in accordance with the Hydraulic Project Approval.**

6. ENERGY AND NATURAL RESOURCES

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

b. Would your project affect the potential use of solar energy by adjacent properties? If so, describe. _____
_____ **No such affects are known.**

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. _____
_____ **None are currently contemplated.**

7. ENVIRONMENTAL HEALTH

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.
Potential fuel leakage from construction equipment.

1) Describe special emergency services that might be required.
None special emergency services are currently anticipated.

2) Proposed measures to reduce or control environmental health hazards, if any.
Contractor will have a spill containment kit on site.

b. Noise
1) What types of noise exist in the area which may affect your project (for example, traffic, equipment, operation, other)?
The existing road contributes to minor traffic noise within the site.

2) What types and levels of noise would be created by or associated with the project on a short-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.
Construction equipment will result in a temporary increase in noise. Long term increases in noise are not expected as a result of the project..

3) Proposed measures to reduce or control noise impacts, if any.
No such proposal is currently offered.

8. LAND AND SHORELINE USE

a. What is the current use of the site and adjacent properties?
County Road right-of-way. Adjacent sites are a mix of residential and agricultural.

b. Has the site been used for agriculture? If so, describe.
No. The site is currently occupied by a road and associated bridges for traffic use.

c. Describe any structures on the site.
The site is covered by roadway and associated bridges.

d. Will any structures be demolished? If so, what?
Two bridges and one culvert will be demolished and replaced with new bridges and a culvert.

e. What is the current zoning classification of the site?
The site is right-of-way.

f. What is the current comprehensive plan designation of the site?
The site is designated as right-of-way.

g. If applicable, what is the current shoreline master program designation of the site?
Shorelines within the project area are designated Conservancy.

h. Has any part of the site been classified as an environmentally sensitive area?

No

- i. Approximately how many people would the completed project displace?
The completed will not displace anyone. _____
- j. Approximately how many people would reside or work in the completed project?
Nobody will reside within the project area. _____
- k. Proposed measures to avoid or reduce displacement impacts, if any.
N/A. _____
- 1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any. **N/A** _____

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.
N/A. _____

10. AESTHETICS

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
The elevation of the road will generally remain as exists. The elevations of the bridges at Big and Little Creeks will increase by approximately 2 feet. _____
- b. What views in the immediate vicinity would be altered or obstructed?
None. _____
- c. Proposed measures to reduce or control aesthetic impacts, if any.
None. _____

11. LIGHT AND GLARE

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
The project will not produce light or glare _____
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
The project will not produce light or glare. _____
- c. What existing off-site sources of light or glare may affect your proposal?
None known. _____
- d. Proposed measures to reduce or control light and glare impacts, if any.
None. _____

12.

RECREATION

a. What designated and informal recreational opportunities are in the immediate vicinity?
Winter and summer recreational users may use the road for access to their destinations. A detour will be provided during project activity.

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 recreation opportunities to be provided by the project or applicant, if any:

None.

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.
None known.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.
No such sites are currently known.

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

If archaeological resources or human remains are encountered during construction, work in the area of discovery will be stopped immediately, and the Department of Archaeology and Historic Preservation will be notified.

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.
The site is accessed by Interstate 90 at the west end of the project. The site is accessed by Golf Course Road which is accessed by Interstate 90 at the east end of the project. Westside Road intersects the project toward the east end of the project.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
The site is not currently served by public transit. The local school district regularly operates on this road.

c. How many parking spaces would the completed project have? How many would the project eliminate?
No parking spaces will be affected.

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). _____

The project will include widening of the road, improving roadside safety, installation of guardrails, and replacement of structures crossing three streams. No new roads, streets, or other improvements are anticipated as result of the project.

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

There is a railroad in the vicinity of the project. The project will not use the railroad and will not affect use of the railroad.

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

We anticipate the traffic volume at the end of construction to remain consistent with current traffic volumes.

g. Proposed measures to reduce or control transportation impacts, if any. _____
None.

15. PUBLIC SERVICE

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. _____

None.

16. UTILITIES

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse services, telephone, sanitary sewer, septic system, irrigation, other. _____


Linear utilities occur within the road right-of way and in the vicinity of the project for use by adjacent properties but are not used by the project.

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

No new utilities are proposed. Some utilities will require relocation outside the proposed roadway, which may result in temporary limitations on use. Long term use will not change as a result of the project.

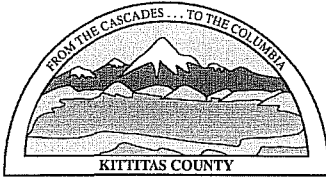
C. SIGNATURE

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: 12/01/08

Print Name: Douglas P. D'Hondt, County Engineer



KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS

Kirk Holmes, Director

Transmittal

TO: Kittitas County CDS
411 North Ruby, Ste. 2
Ellensburg, WA 98926

FROM: Douglas D'Hondt
PHONE: 509-962-7690

ATTENTION: Dan Valoff

DATE: 12/01/08

PROJECT NO:

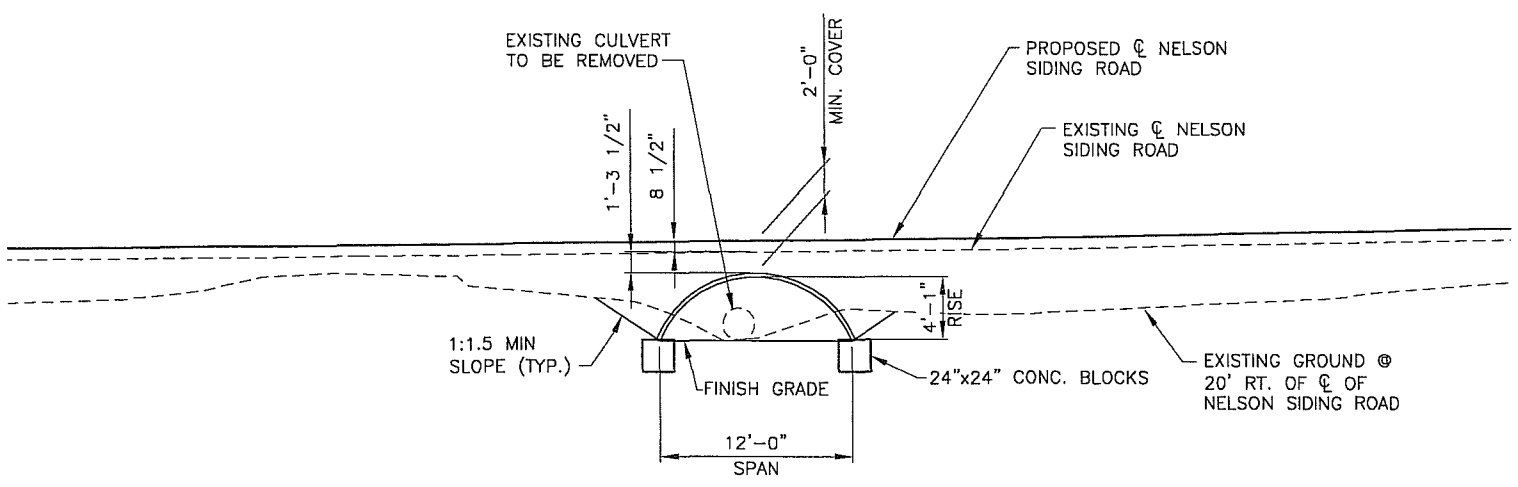
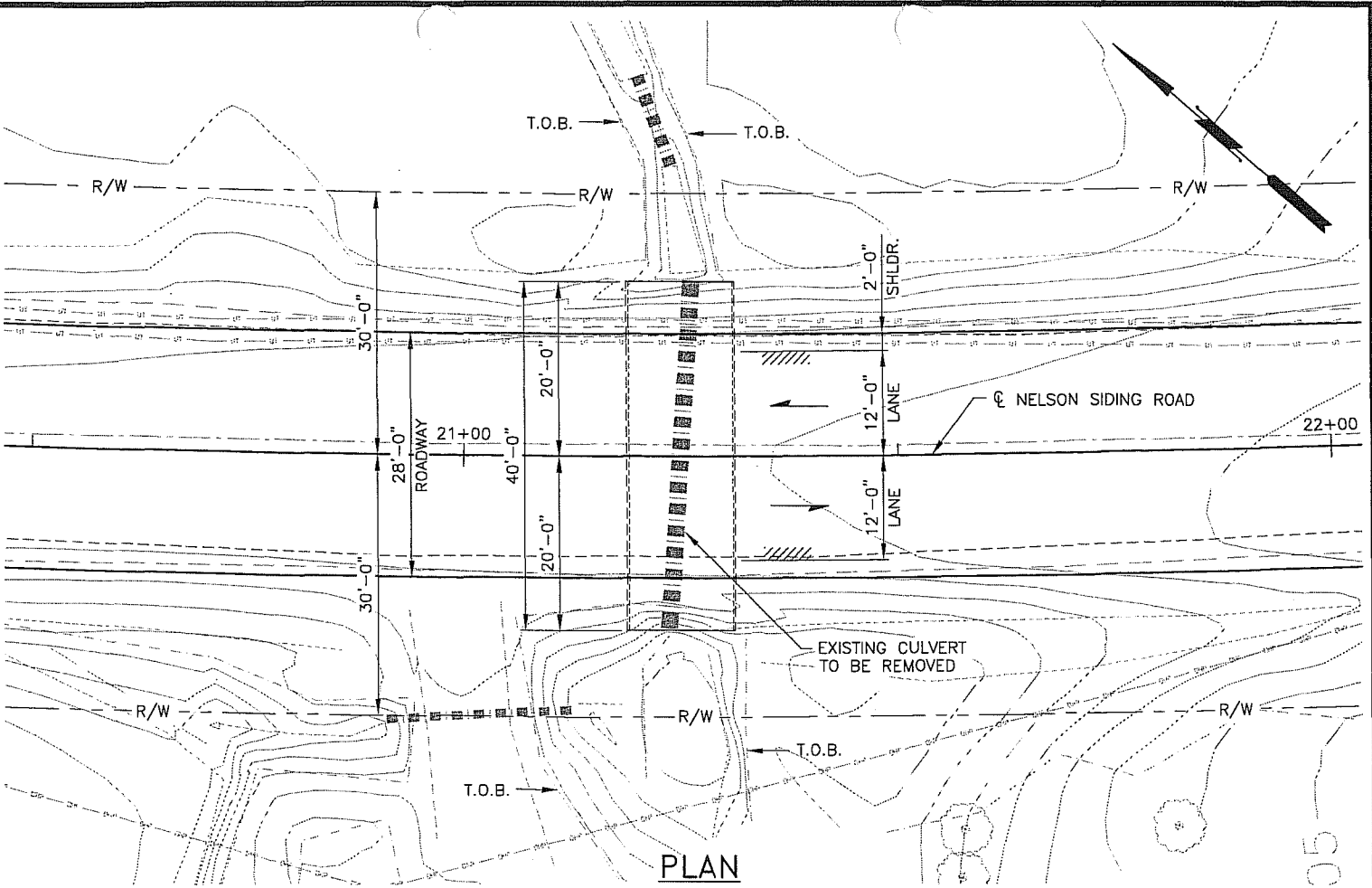
RECEIVED
DEC 01 2008
Kittitas County
CDS
Invoice

WE ARE SENDING YOU:

Attached: Documents Shop Drawings
Copy of Letter Prints Specifications

QUANTITY	DESCRIPTION
1	SEPA checklist for Nelson Siding Road safety enhancement project. Please begin the SEPA process.

REMARKS: Please begin the SEPA process. Should you have any questions, please contact me.

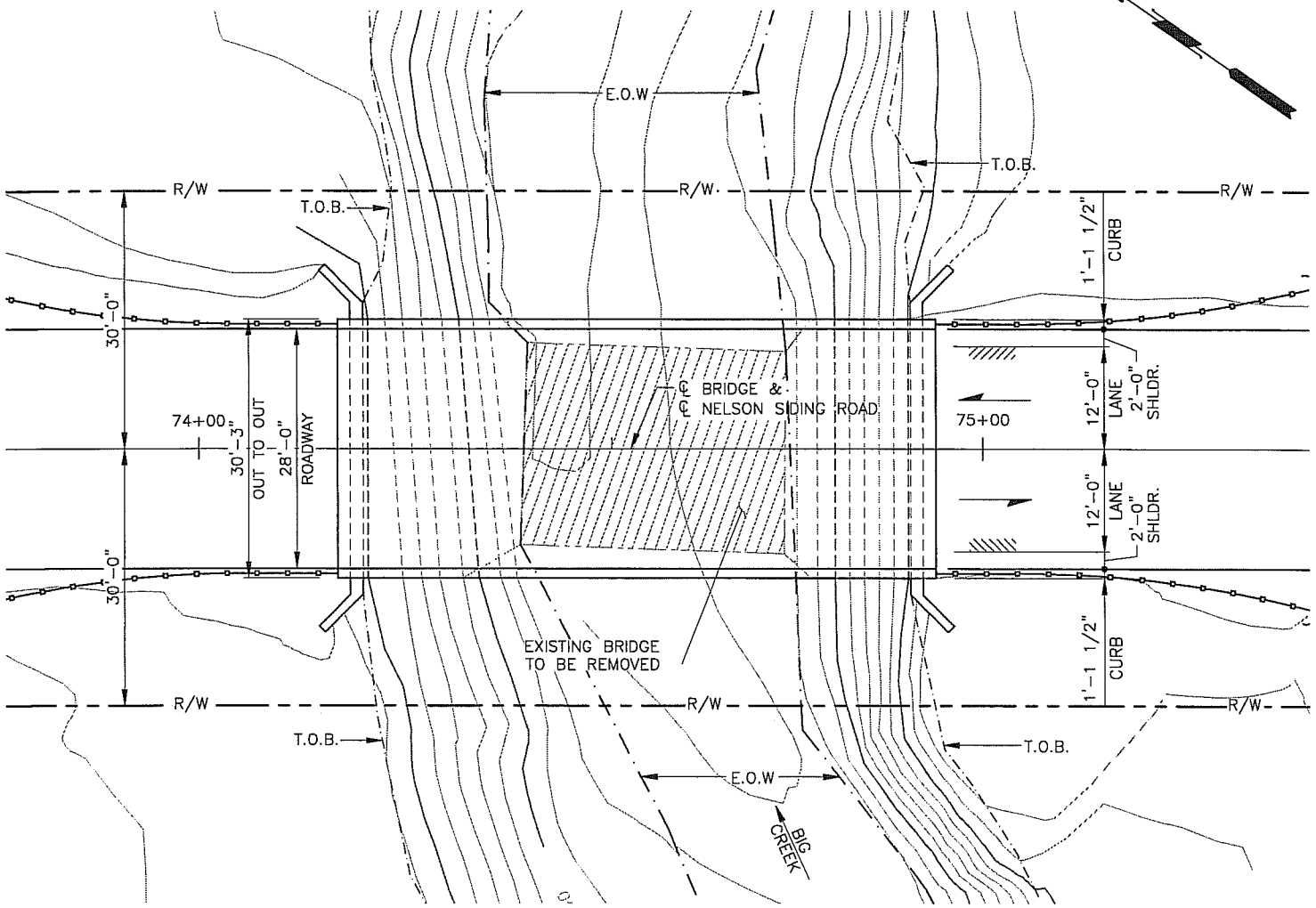


REF. EL. 2080

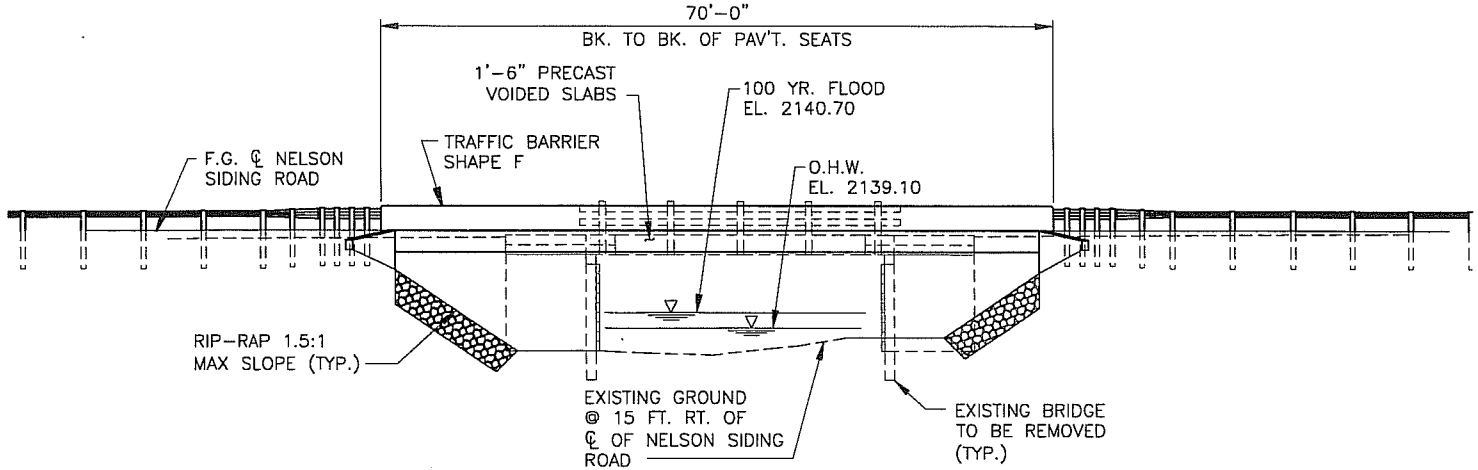
ELEVATION

KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS 411 N. RUBY, SUITE 1 ELLENSBURG, WA 98926	REGION NO.	STATE	DSGN: <u>SSL</u>	NELSON SIDING ROAD SAFETY ENHANCEMENT	SHEET 1
	10	WASH	DR: <u>DRT</u>		
	FED. AID NO.			CHK: <u>JUL</u>	UNNAMED CREEK PLAN AND ELEVATION
	93-0661195			DATE: <u>11/08</u>	
CONTRACT NUMBER LA-TBD					

SEC. 29, T. 20 N., R. 14 E.



PLAN



REF. EL. 2120.00

ELEVATION

1'-6" P.C. VOIDED SLAB
LIVE LOAD: HL-93

KITTITAS COUNTY
DEPARTMENT OF PUBLIC WORKS
411 N. RUBY, SUITE 1 ELLENSBURG, WA 98926

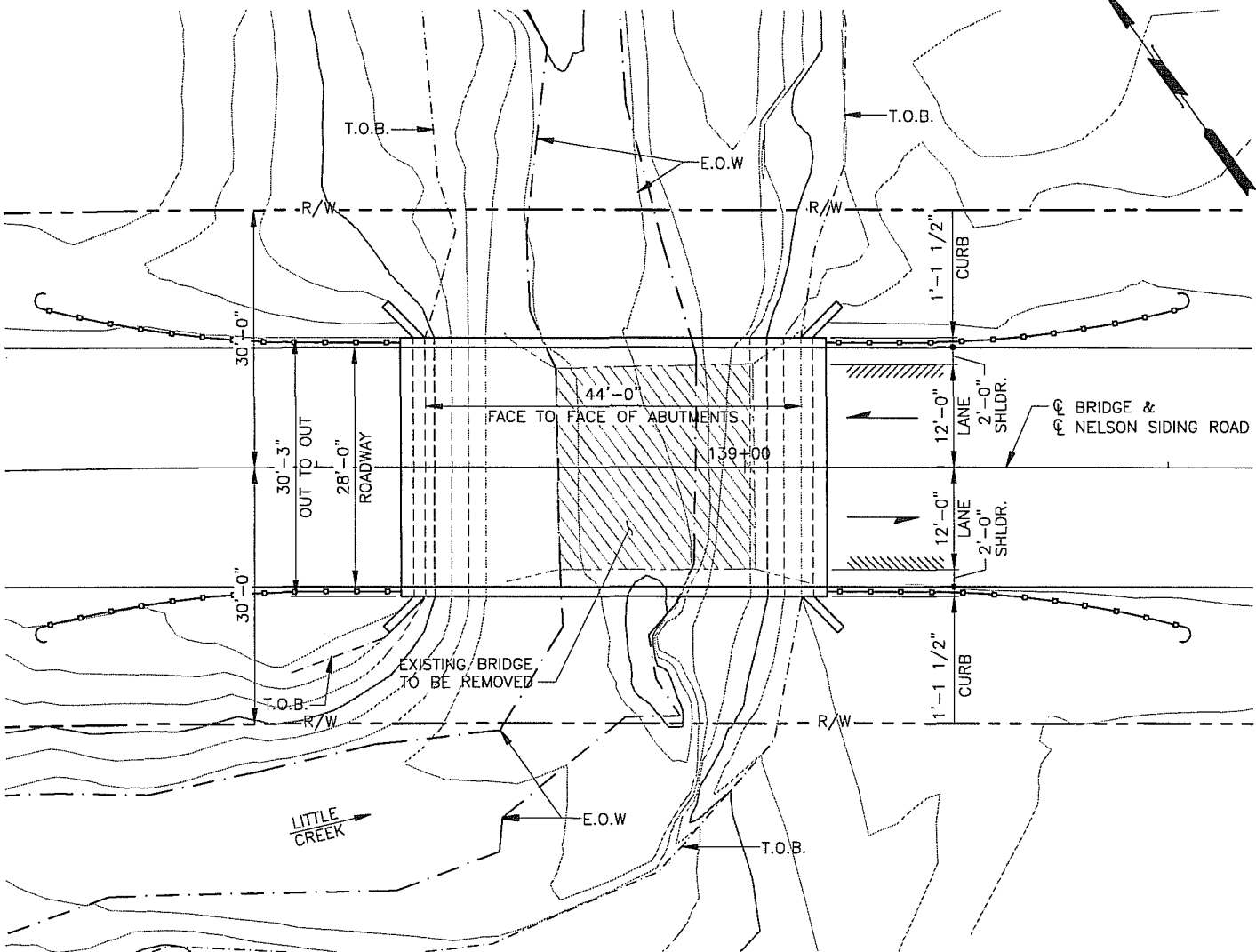
REGION NO.	STATE	DSGN: SSL
10	WASH	
FED. AID NO.		DR: DRT
93-0661195		CHK: JLL
CONTRACT NUMBER		DATE: 11/08
LA-TBD		

NELSON SIDING ROAD
SAFETY ENHANCEMENT

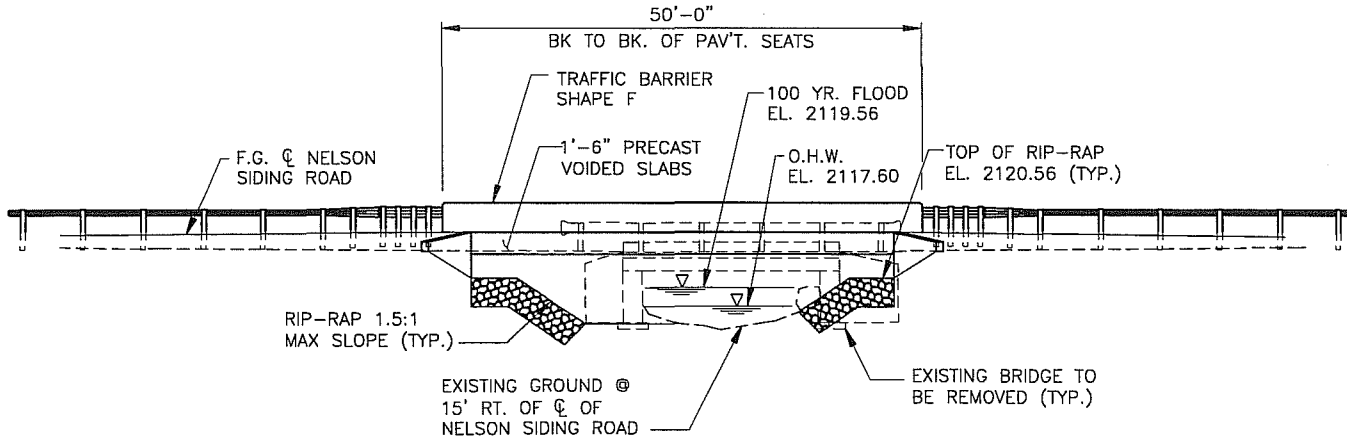
BIG CREEK
PLAN AND ELEVATION

SHEET
1
2

SEC. 27, T. 20 N., R. 14 E.



PLAN



REF. EL. 2100.00

ELEVATION

1'-6" P.C. VOIDED SLAB
LIVE LOAD: HL-93

KITTITAS COUNTY
DEPARTMENT OF PUBLIC WORKS
411 N. RUBY, SUITE 1 ELLENSBURG, WA 98926

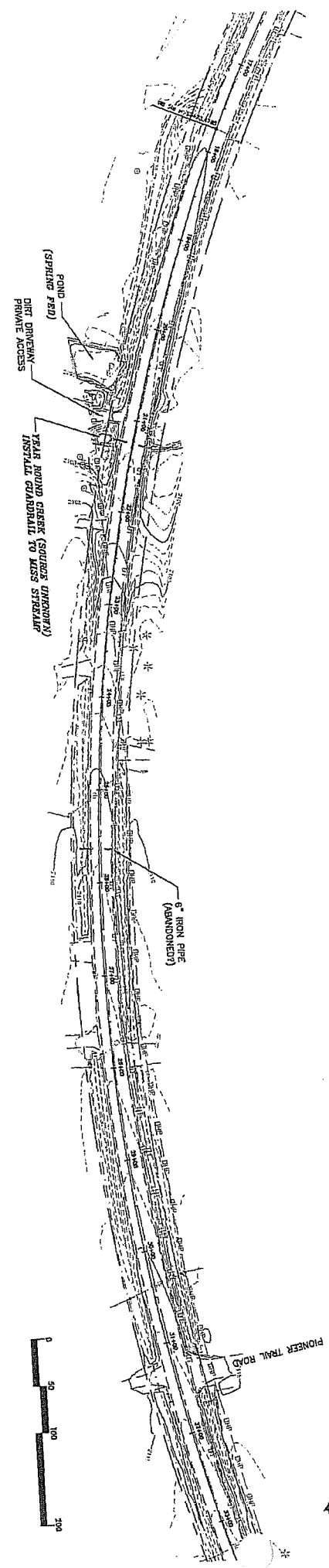
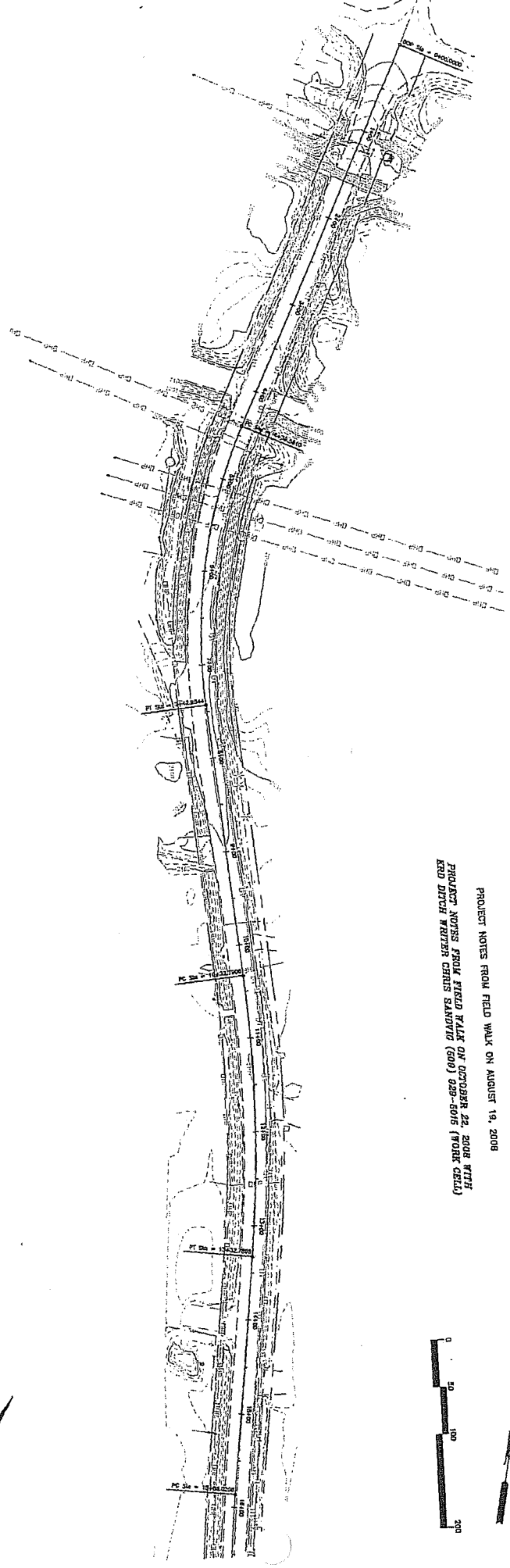
REGION NO.	STATE	DSGN:	SSL
10	WASH	DR:	DRT
FED. AID NO.		CHK:	JJL
93-0661195		DATE:	11/08
CONTRACT NUMBER			
LA-TBD			

NELSON SIDING ROAD
SAFTEY ENHANCEMENT

LITTLE CREEK
PLAN & ELEVATION

SHEET
1
2

PROJECT NOTES FROM FIELD WALK ON AUGUST 19, 2008
 PROJECT NOTES FROM FIELD WALK ON OCTOBER 22, 2008 WITH
 ERD DITCH WRITER CHRIS SANDYVA (GSD) 029-6016 (YOUR CELL)



POND
 (SPRING FEED)
 DIRT DRIVEWAY
 PRIVATE ACCESS

YEAR ROUND CREEK (SQUEEZE THROUGH)
 INSTALL GUARDRAIL TO KEEP SPECKLE

6" IRON PIPE
 (ABANDONED)

PIONEER TRAIL ROAD

