



US Army Corps
of Engineers®

Seattle District

Notice of Preparation

Emergency Management Branch
P.O. Box 3755
Seattle, WA 98124-3755
ATTN: Charles Ifft (CENWS-OD-EM)

Public Notice Date: June 10, 2008
Expiration Date: June 25, 2008
Reference: PL-08-12
Name: Lightning Creek Levee Rehabilitation

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Seattle District (Corps) plans to prepare, pursuant to the National Environmental Policy Act, an environmental assessment (EA) for a proposed levee repair on Lightning Creek, in the City of Clark Fork, Bonner County Idaho. During November 2006 rainfall and snowmelt resulted in a flood event in Bonner County, Idaho. During this event, the Lightning Creek Levee sustained damage to approximately 850 lineal feet of the levee toe.

AUTHORITY

The levee is federal, and the projects are active in the Public Law (PL) 84-99 Rehabilitation and Inspection Program.

PROPOSED ACTION

The recommended alternative will re-grade the levee in the 850 foot damaged section assuming a typical cross section of: top 12', slope 28.5', and toe 9' long by 4' thick. The boundaries of the original construction will be maintained. The slope (1V:2H) will be armored with class V riprap (see attached drawings). Approximately 5,500 tons of class V rip rap will be required to repair the lost toe rock.

The levee surface will provide adequate access for all necessary equipment. Some surface hardening of the outlet road, i.e. road bed aggregate/material, may be necessary to improve transportation efficiency. All work is anticipated to be completed in the dry; however it will not be above Ordinary High Water. Construction is planned to occur in the fish window for in-water work (July 15 to September 1).

ANTICIPATED IMPACTS

As the majority of the repair is not anticipated to require in-water work, long-term impacts to the environment are anticipated to be minimal. Project activities may cause localized, small, short term and temporary increases in turbidity. It is expected that the magnitude and duration of the elevated turbidity will be minor, resulting in minimal and temporary degradation of the water quality. Overall effects are anticipated to be insignificant.

The proposed project **may affect, but is not likely to adversely affect** Columbia River bull trout, and designated critical habitat for this species.

The Corps believes that this action will have **no effect** on Gray Wolf, Canada lynx, and Grizzly Bear as these species are not expected to be present near the project site and the project will not have any adverse effects to habitat or forage.

Construction activities will occur outside the bald eagle nesting season and therefore are not likely to disrupt eagle nesting and rearing of young. No large trees will be disturbed. Therefore, no loss of perching and spotting habitat is expected. Construction operations will be completed before the start of wintering season.

Since construction activities will not occur during the wintering season, will not affect nesting habitat or behaviors, and will not cause disruptions to foraging activities, the proposed project will not likely disturb bald eagles, according to the USFWS definition of "disturb".

Impacts to vegetation will be minimal as the Lightning Creek levee is essentially devoid of vegetation and the project will not require the removal of vegetation for repair of the levee.

The Idaho State Historic Preservation Office (ISHPO) has concurred with a determination of no historic properties affected for the Lightning Creek levee repair project.

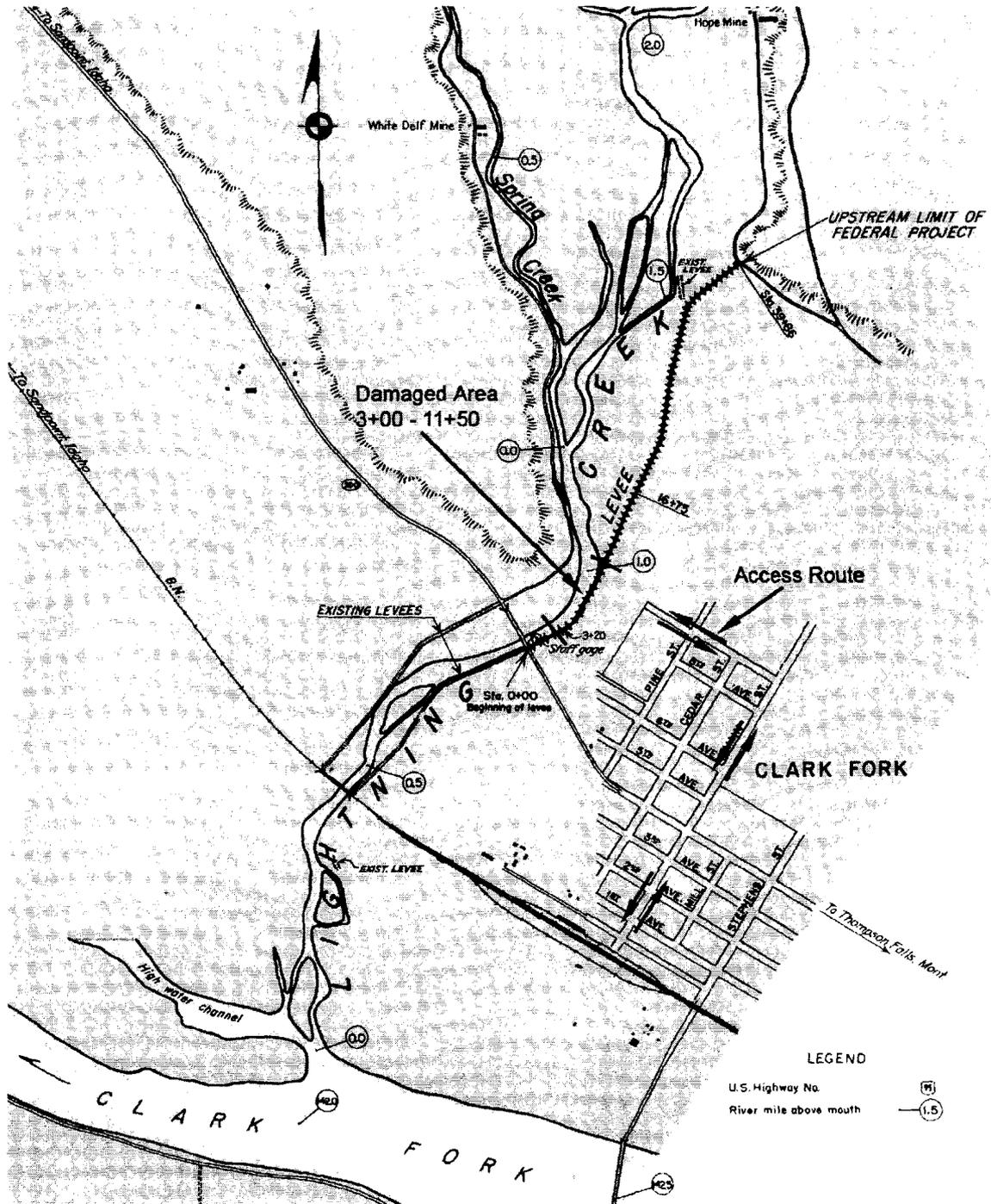
The Corps has made a preliminary determination that the environmental impacts of the proposal can be adequately evaluated under the National Environmental Policy Act through preparation of an environmental assessment (EA). Preparation of an EA addressing potential environmental impacts associated with the levee rehabilitation project is currently underway.

The Corps invites submission of factual comment on the environmental impact of the proposal. The Corps will consider all submissions received before the expiration date of this notice. The nature or scope of the proposal may be changed upon consideration of the comments received. The Corps will initiate an Environmental Impact Statement (EIS), and afford all the appropriate public participation opportunities attendant to an EIS, if significant effects on the quality of the human environment are identified and cannot be mitigated.

Comments should reach this office, Attn: Environmental Resources Section, not later than June 25, 2008 to ensure consideration. Requests for additional information should be directed to Charles Ifft, Project Manager, at 206 764-3406.

Project Location Map

Design Drawings



Plan View and Access Route



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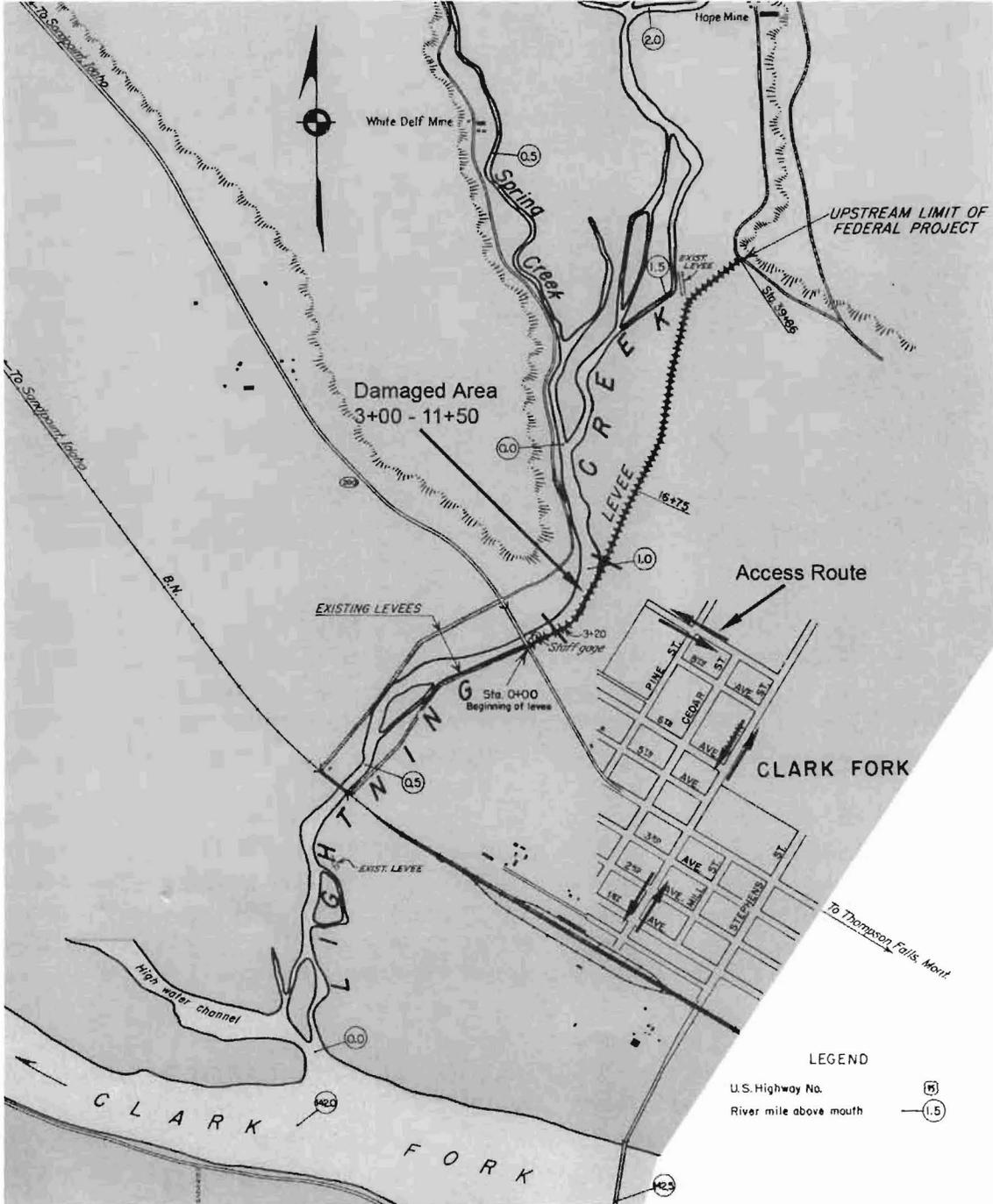
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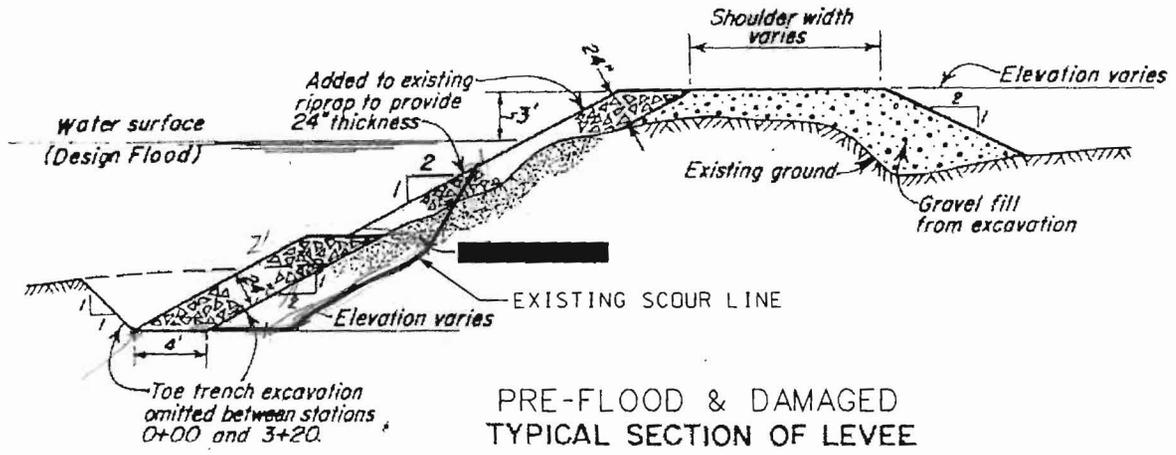
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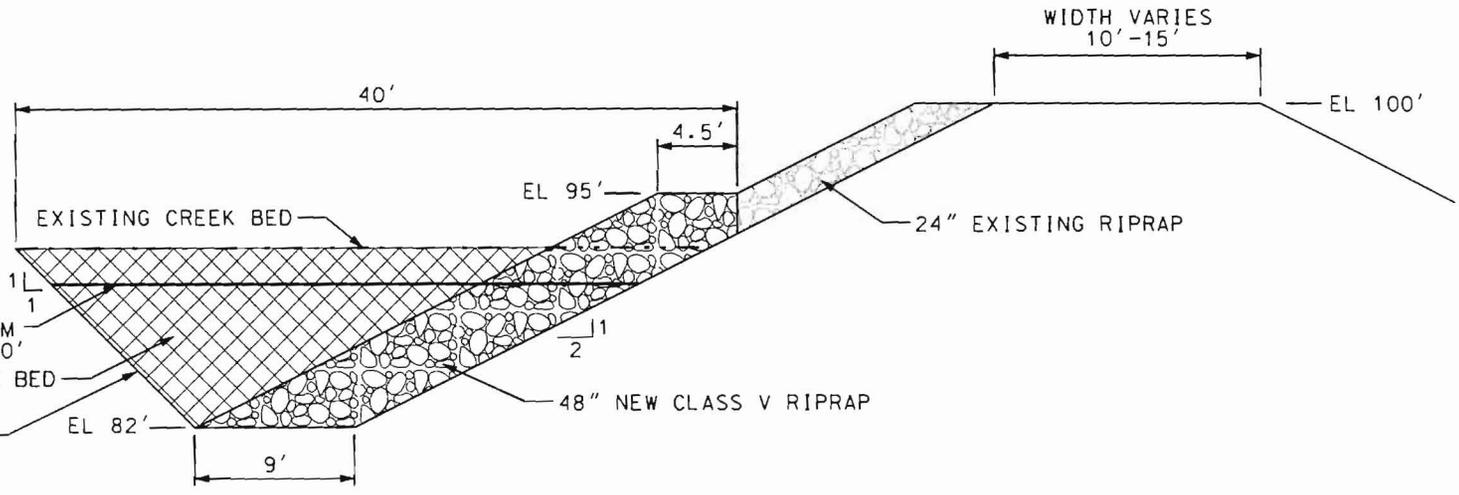
Project Location Map Design Drawings



Plan View and Access Route

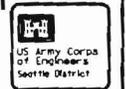


PRE-FLOOD & DAMAGED
TYPICAL SECTION OF LEVEE
STATION 0+00 TO 16+75



LIGHTNING CREEK LEVEE - STA 3+00 TO STA 11+50
NTS

NOTE:
1. TOP ELEVATION OF LEVEE WAS ASSUMED TO BE 100'



U.S. ARMY ENGINEER DISTRICT, SEATTLE CORPS OF ENGINEERS SEATTLE, WASHINGTON Prepared by	Checked by J.M. BARRETT LIC-01-08	Drawn by J. FISCHER LIC-01-07
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LIGHTNING CREEK
LEVEE FLOOD REPAIR - LIC-01-08
LIGHTNING CREEK
LEVEE
STA 3+00 TO STA 11+50
PRELIMINARY
Pierce County

Plate number:
C-1
Sheet of

DATE AND TIME PLOTTED: 12/17/2007 10:01:40 AM DESIGN FILE: I:\PROJECTS\LIGHTNING CREEK\LIGHTNING CREEK LEVEL SECT.DWG