



Deschutes County Board of Commissioners
1300 NW Wall St., Suite 200, Bend, OR 97701-1960
(541) 388-6570 - Fax (541) 385-3202 - www.deschutes.org

AGENDA REQUEST & STAFF REPORT

For Board Business Meeting of June 22, 2016

DATE: June 8, 2016

FROM: George Kolb Road Department 322-7113

TITLE OF AGENDA ITEM:

Consideration of Signature of Order No. 2016-030 Setting a Construction Speed Limit of 20 mph for Cascade Lakes Highway from MP 25.48 to MP 26.29

PUBLIC HEARING ON THIS DATE? NO.

BACKGROUND AND POLICY IMPLICATIONS:

The United States Department Agriculture, Forest Service (USFS) is replacing the culvert located on the Cascade Lakes Highway at MP 25.87 (near Sparks Lake entrance) with a 65-foot span concrete bridge. As part of this project, the USFS has requested a temporary speed limit of 20 mph through the construction zone (see attached letter). The construction of the bridge will require the installation of an approximately 950 foot temporary diversion road around the bridge construction site to allow traffic to be able continue use of Cascade Lakes Highway. The design constraints for the temporary diversion road required a design speed of 20 mph to allow the traveling public to safely drive through the project area (see attached map).

The Deschutes County Road Department, pursuant to the provisions of ORS 810.180(8), has determined that the construction of the bridge at the Soda Creek crossing on Cascade Lakes Highway (MP 25.87) has altered the character of the roadway to the extent that a speed lower than the statutory speed is necessary. After review of the plans and conversations with the USFS engineers, it was decided to have a construction speed zone of 20 mph established by order of the BOCC during construction. Per ORS 810.180(8), a road authority may establish by ordinance or order a temporary designated speed, for highways, that is lower than the statutory speed. This temporary speed zone will be in effect from July 11, 2016 through October 31, 2016 or earlier, pending early project completion.

FISCAL IMPLICATIONS:

None. All sign installation will be the responsibility of the USFS

RECOMMENDATION & ACTION REQUESTED:

The Road Department recommends signature of Order No. 2016-030

ATTENDANCE: George Kolb, County Engineer

DISTRIBUTION OF DOCUMENTS:

Copy to Sheila Odle (ext. 7148) at the Road Department

REVIEWED

LEGAL COUNSEL

For Recording Stamp Only

BEFORE THE BOARD OF COUNTY COMMISSIONERS OF DESCHUTES COUNTY, OREGON

An Order Setting a Temporary Speed Limit of *
20 miles Per Hour on Cascade Lakes *
Highway from MP 25.48 to MP 26.29 *

ORDER NO. 2016-030

WHEREAS, the United States Department Agriculture, Forest Service (USFS) is replacing the culvert located on the Cascade Lakes Highway at MP 25.87 with a 65 foot span concrete bridge; and

WHEREAS, the construction of the bridge will require the installation of an approximately 950 foot temporary diversion road around the bridge construction site to allow traffic to be able continue use of Cascade Lakes Highway; and

WHEREAS, the design constraints for the temporary diversion road required a design speed of 20 mph to allow the traveling public to safely drive through the project area; and

WHEREAS, the Deschutes County Road Department, pursuant to the provisions of ORS 810.180(8), has determined that the construction of the bridge at the Soda Creek crossing on Cascade Lakes Highway (MP 25.87) has altered the character of the roadway to the extent that a speed lower than the statutory speed is necessary; and

WHEREAS, based upon said engineering determination of danger to the public, the County Engineer has found that when the speed designated in ORS 811.105 or ORS 811.111 or by permanent written order is greater than the speeds designated below, a temporary speed reduction to lessen the risk to the public is desirable; now, therefore

THE BOARD OF COUNTY COMMISSIONERS OF DESCHUTES COUNTY, OREGON, HEREBY ORDERS as follows:

Section 1. That the designated speed for the following section of roadway be as follows:

Road Name: Cascade Lakes Highway

Project Name: Soda Creek Culvert Replacement

Designated Speed: **20 miles per hour**

From: Milepost 25.48

To: Milepost 26.29

Section 2. That the USFS shall install appropriate signs giving notice of the designated speed per ORS 810.180, Subsection 8(d).

Section 3. That the signs installed pursuant to this order comply with the provisions of ORS 810.210 and 810.220.

Section 4 That this speed zone will be in effect from July 11, 2016 through October 31, 2016 or earlier pending early project completion.

Section 6. That this Order shall be recorded with the Deschutes County Clerk, and copies shall be filed with the Deschutes County Surveyor and County Assessor.

DATED this ____ day of _____, 2016.

BOARD OF COUNTY COMMISSIONERS
OF DESCHUTES COUNTY, OREGON

ALAN UNGER, CHAIR

ATTEST:

TAMMY BANEY, VICE CHAIR

Recording Secretary

ANTHONY DEBONE, COMMISSIONER



File Code: 7100

Date: 6/3/16

George Kolb
County Engineer
Deschutes County Road Department
575 NE 15th Street
Bend, OR 97701

Mr. Kolb,

As you aware, the Soda Creek Culvert Replacement project on County Road 46 (Cascade Lakes Highway) has been awarded and work is anticipated to begin this summer. The work is located at the Soda Creek crossing, T 18S, R 8E, Sec 12 at approximate Mile Post 25.87 of County Road 46. The goal of this project to enhance fish passage by replacing the existing undersized metal culvert with a new 65 foot span concrete bridge.

I'd like to request a temporary reduction in the regulatory speed limit through the construction zone. The speed limit is proposed to be reduced from 55 mph to 20 mph through the construction zone and shall be in effect from July 11, 2016 through October 31, 2016, or sooner, pending early project completion. The reduced speed limit will occur from MP 25.48 to MP 26.29 of County Road 46.

The construction zone will include an approximate 950 ft temporary diversion road to be constructed adjacent to the existing culvert/new bridge location. The temporary diversion road will be a 2 lane paved surface that will be reduced to one lane while crossing a temporary bridge over Soda Creek. Crossing of the single lane temporary bridge will be controlled by Stop Signs on either side of the bridge.

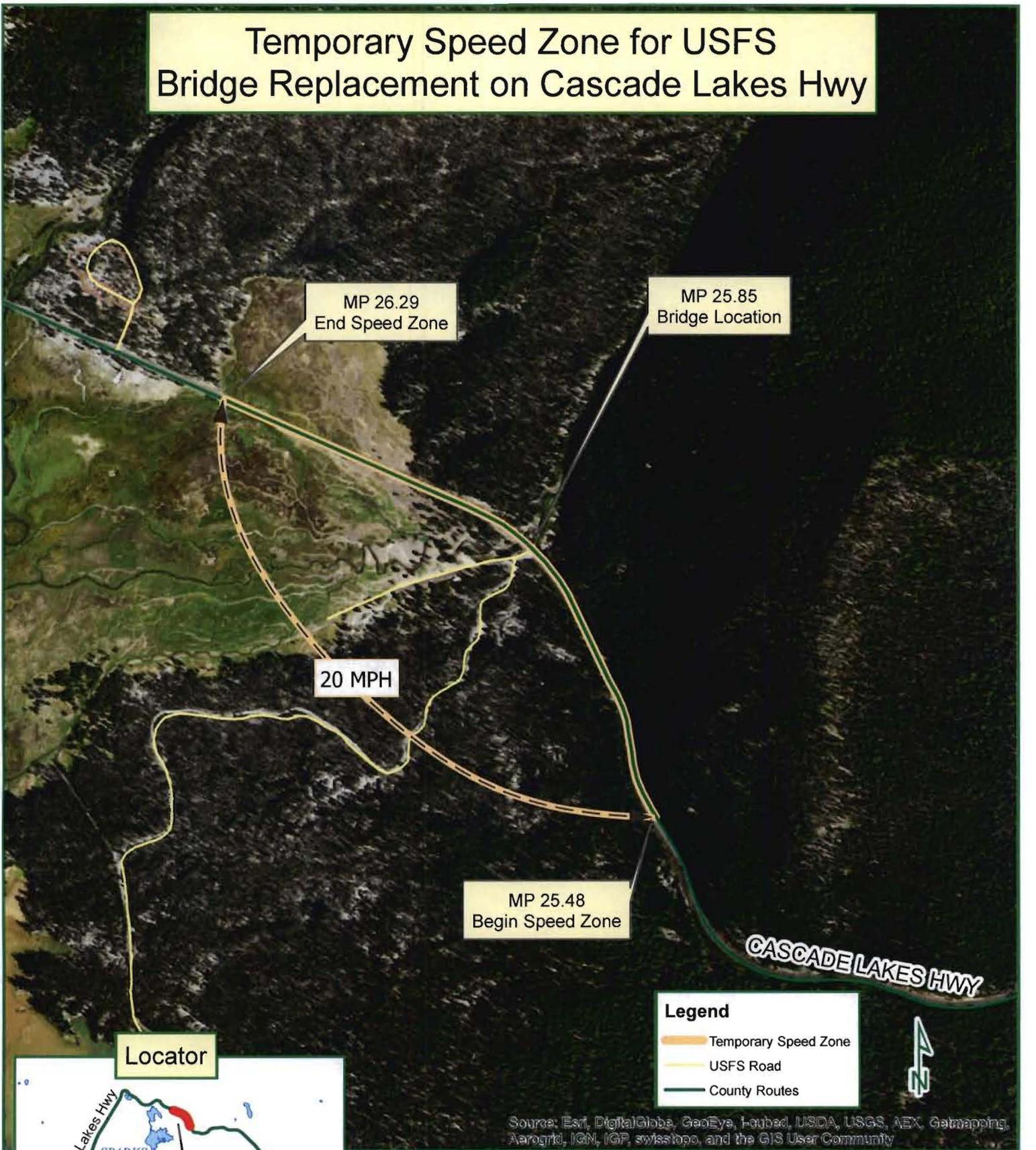
The awarded contractor will be providing traffic control per the attached Traffic Control Plan. All work will be compliant with MUTCD standards.

Sincerely,

CHAD HOUCHIN, PE
Project Engineer
Deschutes National Forest



Temporary Speed Zone for USFS Bridge Replacement on Cascade Lakes Hwy



MP 26.29
End Speed Zone

MP 25.85
Bridge Location

20 MPH

MP 25.48
Begin Speed Zone

CASCADE LAKES HWY

Legend

- Temporary Speed Zone
- USFS Road
- County Routes

Locator



Location of Speed Zone

Source: Esri, DigitalGlobe, GeoEye, Earthstar, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

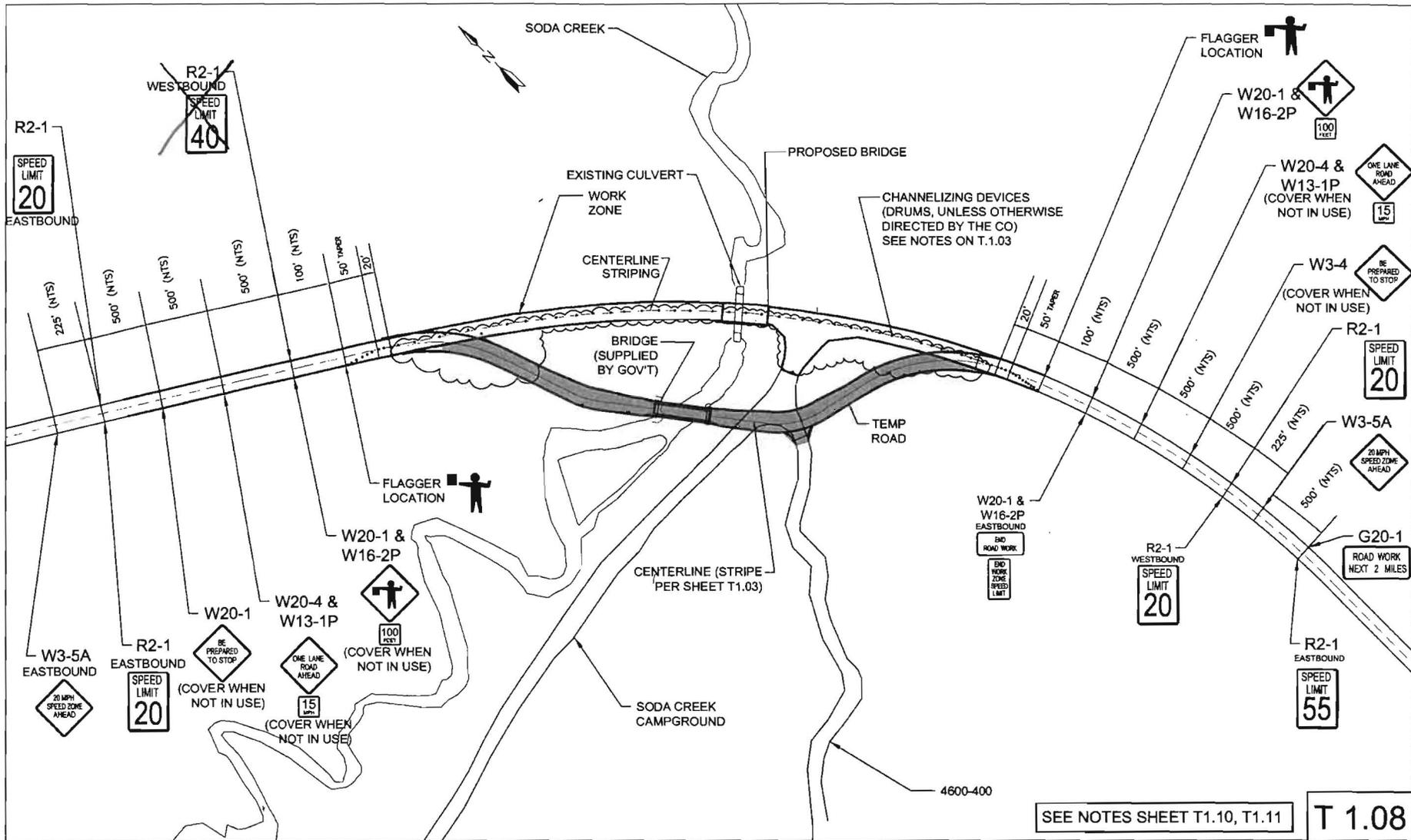


Printed: June 7, 2016

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DESCHUTES COUNTY
John Anderson, GIS Analyst
Phone: (541) 322-7102
Email: john.anderson@deschutes.org
Address: 61150 SE 27th St
Bend, OR 97702

Road Department



U.S. DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
R-6
 PACIFIC NORTHWEST REGION

Forest **DESCHUTES**
 Project Name
**SODA & GOOSE CREEK
 DRAINAGE RECONSTRUCTION**

Sheet Title **SODA CREEK
 TRAFFIC CONTROL STAGE 1&3**
 Scale **1" = 140'**
 Sheet **67 of 84**

SEE NOTES SHEET T1.10, T1.11

T 1.08