

**Oregon Department of Transportation**

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Engineering & Technical Services

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**DATE: Tuesday, November 14, 2023**

**TO:** Susan C. Ortiz, P.E., G.E.

State Geotechnical Engineer

**FROM:** Sophie Brown, P.E. Phone: 503-509-4538

Senior Retaining Wall Engineer

ODOT Geotechnical Engineering, Engineering Geology and Hazmat

**SUBJECT:** Proposed Revision to Geotechnical Design Manual

To Section Number 16.2.8.1 Elements of Contract Plans for Retaining Wall Systems

**Problem Statement:**

Plans checklist and drafting information is now contained in the GHE CAD manual Retaining Walls chapter. This creates duplicate information and the potential for some level of contradiction if updates are made in one manual and not the other.

**Proposal:**

Replace the contents of 16.2.8.1 Element of Contract Plans for retaining Wall Systems with the following:

16.2.8.1 Element of Contract Plans for Retaining Wall Systems

The retaining wall design engineer is responsible for developing the design to be shown on the retaining wall sheets in the contract plans and providing the CAD technician with the necessary information for the contract plan sheets. The Retaining Wall chapter of the ODOT GHE CAD Manual provides extensive guidance for Contract Plan Sheet development for retaining walls including:

* Location of bridge abutment, bridge retaining wall, highway retaining wall, and minor retaining walls within a contract plans set.
* Sources of information for title block, calculation book number, structure name, structure number, BDS drawing number, file V-number, when applicable.
* Plan sheet development and plans content for wall design category: control plans for proprietary designed walls, fully detailed nonproprietary designed walls, and content for standard drawing designed walls.
* Coordination with other CAD manuals
* Plans checklist

**Analysis / Research / Other Supporting Data:**

None

Attached:



**Geotechnical Engineering, Engineering Geology & HazMat Section Response:**

Accepted for consideration as submitted

Accepted for consideration as noted

Proposal tabled, see Remarks

Proposal not accepted, see Remarks

**Remarks:**

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