

Section 11 – Earthwork

CONSTRUCTION REQUIREMENTS

Clearing and Grubbing

The Contractor shall minimize the areas of clearing and grubbing. The areas of clearing and grubbing shall be identified and approved, in writing, before the clearing and grubbing begins. The removal of trees, stumps, or alterations to rock features shall be identified and approved, in writing, prior to the removal or alteration. Trees, logs, limbs, stumps, brush, and trash etc. cleared and grubbed from the Project shall be removed from the Site to an offsite location selected by the Contractor.

Removal of Existing Pavement

Existing pavement removed as part of this project, where required by the Project Engineer, shall first be saw cut vertically, full depth at the limits of removal. The cost of saw cutting and removal of the pavement, where required, shall be included in the cost of the work.

Excavations and Embankments

Embankment Material shall be in accordance to Technical Requirements Section 10 – Geotechnical and Roadway Embankment Requirements.

Pavement Aggregate Base Course

Pavement Aggregate Base Course shall be Class 6, meeting the requirements of Sections 304 and 703.03 of the CDOT Standard Specifications for Road and Bridge Construction, 2017 (Standard Specifications).

Retaining Wall Backfill

Any backfill materials placed within the reinforced zone or influence zone (i.e. zone of materials behind the wall that influence lateral earth pressure on the wall) of the wall shall consist of Class 1 Structure Backfill per Sections 206 and 703.08 of the Standard Specifications, or flow-fill per Section 206 and Revision of Section 206.

Benching Requirements

New embankment shall be benched into the existing slopes, where required in accordance with Section 203.06 of the Standard Specifications.

Project: I-70 Vail Pass Various Wall Repairs

Project Sub Acct. No: 21897

Date: November 1, 2018

Technical Requirements

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Compaction Requirements

The type of compaction for the Project shall be per Sections 203, 206, and 304 – Compaction.

Depth of moisture-density control for this Project shall be as follows:

- Full depth of all embankments, wall backfill, and aggregate base course
- 6 inches for bases of cuts and fills

Shoring

Any shoring required to facilitate construction shall comply with the Standard Special Provision – Revision of Section 206 – Shoring.

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Deliverables

| Deliverable | Acceptance or Approval | Schedule |
|---|-------------------------------|--|
| Plan of Clearing and Grubbing Locations | Approval | 4 weeks prior to commencing construction |
| Plan for tree and/or stump removal or altering of rock features | Approval | 4 weeks prior to commencing construction |