Typical Section Thru Abutment

Abutment Backfill Diagram

For Wings Parallel to Roadway

1. Site no. of abutment body
2. Abutment reinforcement
3. Abutment approach slab
4. Abutment approach slab
5. MSE backfill
6. MSE wall
7. Ref. No. of abutment body
8. Abutment reinforcement
9. Abutment approach slab
10. MSE backfill
11. MSE wall

Abutment Backfill Diagram

For Wings Parallel to Abutment

1. Site no. of abutment body
2. Abutment reinforcement
3. Abutment approach slab
4. MSE backfill
5. MSE wall

Notes

The upper limits of excavation for structures bridges 0.0.0 shall be the existing structure.

The overall dimensions of excavation for the abutment body length shall be determined by the contractor.

Geotextile Type DF schedule A shall be set at the bottom of the MSE wall and extended 2'-0" above the bottom of the abutment.

For abutments with MSE backfill below the required "backfill structure type A" width, pipe underdrain and geotextile are required.

Drainage along the abutment rather than below the abutment may cause slope paving damage or failure. Drainage around the abutment rather than below the abutment shall be provided.

Subsurface drainage details and notes should direct drainage to the bottom of the MSE wall.

See Standard 9.03 for Wing Fill Sections at Wing Tips.

See Standard 9.02 for retaining wall and box culvert details.

Structure Backfill Limits and Notes 1

Bureau of Structures

Approved: Bill Oliva

Date: 11-18

Standard 9.01
NOTES (BOX CULVERTS)

The upper limits of excavation for structures culverts C-_-_" shall be the existing groundline.

The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities. The backfill structure type B "required for the entire wall length. The backfill quantity is shown on the plans and may not reflect actual placed quantities. The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities.

DESIGNER NOTES

The design engineer should provide all necessary backfill pay limits and notes in order to complete installation of backfill. Manual Sections 6.4.2 and 9.10 for additional information.

NOTES (RETI retaining walls)

The upper limits of excavation for structures retaining walls C-_-_" shall be the existing groundline.

The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities. The backfill structure type B "required for the entire wall length. The backfill quantity is shown on the plans and may not reflect actual placed quantities. The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities.

STANDARD 9.02

NOTE: All pipe sections shall be placed on a bedding of "backfill structure type B" of 6" minimum depth. Notes applicable when precast note is shown on the plans.

LIMITS AND NOTES

The upper limits of excavation for structures culverts C-_-_" shall be the existing groundline.

The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities. The backfill structure type B "required for the entire wall length. The backfill quantity is shown on the plans and may not reflect actual placed quantities. The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities.

LIMITS AND NOTES

Note applicable when precast note is shown on the plans.

LEGEND

Backfill pay limits for structures retaining walls C-_-_" shall be the existing groundline. The contractor may elect to substitute #1 or #2 crushed concrete aggregate or select crushed material for other granular material. The region geotechnical engineer or when constructed on fills. The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities. The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities. The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities. The backfill quantities are based on the pay limits shown on the plans and may not reflect actual placed quantities.
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Note: Place rip rap as shown in wing elevation detail.