CASE 11 - 2:1 (MAX.) SLOPING FILL

General update, added limit state values and notes.

The contents within the inner border line shall not be altered.

The limit state values are provided for the evaluation of settlement based on the Service Limit State as per ADOT SF-1.

Effective footing width to be used only for the evaluation of bearing resistance based on the Strength Limit State as per ADOT SF-1.

For other applicable limit states, perform project specific analysis using the ADOT SF-1. Limit states are determined based on the Strength Limit State as per ADOT SF-1.

Quantities are shown for information purposes only.

For General Notes, Typical Elevations, Sections and Details see SD 1011 to 31.

Structural Excavation Limits

Structure Backfill Limits

Quantities Note:

Quantities are shown for information purposes only.

The pay item is measured per square foot of wall.

Quantities are for one L.F. of wall except for horizontal steel lap splices and footing steps.

Steel quantities for horizontal lap splices shall be calculated for each segment greater than 30 feet, and add a splice for each additional wall segment greater than 30 feet. Horizontal lap splices occur at construction or connection joints.

Steel and concrete quantities for footing steps shall be added to those shown in the table.