ELEVATION

NOTE:

"hb", "hsc", "hc", "hd" and "he" above bars indicate distance from top of footing to upper end of the bars, see table.

DESIGN DATA

Design: AASHTO LRFD Bridge Design Specifications, 4th edition with California Amendments

LSC: Varied surcharge on level ground surface

Ct: 54 kip maximum traffic impact loading equally distributed over 10 feet at top of the barrier and 11 ft distribution down and outward

EQD: Mononabe-Okabe Method

EQE: Live Load Surcharge

Sw = 0.5

Soil = 1.35

CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

4th edition with California Amendments

NOTE:

For details not shown, see "DETAIL A - WITHOUT HAUNCH."

DETAIL A - WITH HAUNCH

S = 1'-0"

For details not shown, see "DETAIL A - WITHOUT HAUNCH."

DETAIL A - WITHOUT HAUNCH

S = 1'-0"

NOTES:

1. For Selecting wall Arch/Finish or Texture see Details elsewhere in Project Plans.

2. For details not shown and drainage notes, see

3. Substitution of geocomposite drain for pervious backfill material is not permitted.

4. For details not shown and drainage notes, see

5. Where:

Q = 1.00DC + 1.00EV + 1.00EH + 1.00CT + Td

Q = 1.00DC + 1.00EV + 1.00EH + 1.00EQD + 1.00EQE + Td

Q = aDC + BEV + 1.50EH + 1.75LS + Td

Concrete:

f'c = 3600 psi

f = 60,000 psi

Density:

= 120 pcf

Soil:

= 34°

Where:

0 = 34°

K

F

= 125 or 90, which ever Controls Design

Strength

1.25 or 0.90, Which ever Controls Design

Load Combinations and Limit States

Service: 1 0.90DC + 0.90EV + 0.90EH + 0.90CT + 0.90LS + Td

Strength

Extreme 1 0.90DC + 0.90EV + 0.90EH + 0.90EQD + 0.90EQE + Td

Extreme 2 0.90DC + 0.90EV + 0.90EH + 0.90LS + Td

Mononabe-Okabe Method

4th edition with California Amendments

REFERENCES:

For Retaining wall Architectural finish or texture see Details elsewhere in Project Plans.

ASSISTED-HAUNCH DETAILS

SHEETS/INDEX.HTML

DETAIL NO. 1