MASONRY BLOCK SOUND WALL W/BARRIER ON RETAINING WALL

DETAILS No. 2

ALIGNMENT KEY DETAIL

METAL BEAM GUARDRAIL ANCHORAGE
For details not shown, see STANDARD PLAN B11-56

CLEARANCE DETAIL

SCULPTURAL PATTERN
DETAILS NOT SHOWN

WALL LAYOUT LINE

ELEVATION

BASE OF SCULPTURAL PATTERN
PROFILE GRADE

RISING PROFILE

BARRIER SECTION

DESIGN NOTES

UNIFORM BUILDING CODE, 1997 EDITION AND THE BRIDGE DESIGN SPECIFICATIONS
DESIGN WIND LOAD
DESIGN SEISMIC LOAD

REINFORCED CONCRETE
REGULAR STRENGTH
HIGH STRENGTH

CONCRETE MASONRY

F'c = 3600 psi
f'c = 2000 psi
f'c = 2500 psi

fy = 60 ksi
fs = 24,000 psi
fs = 24,000 psi
fs = 24,000 psi

f'm = 2000 psi
f'm = 2500 psi
f'm = 2000 psi

n = 19.3
n = 15.5
n = 19.3

No scale

NOTES:
1. For details not shown, see STANDARD PLAN B11-56
2. Slope ground at traffic side of barrier to drain. Maximum slope ±10%
3. For Concrete Anchor Block and connection details, see "ANCHOR BLOCK FOR TRANSITION RAILING CONNECTION DETAIL C" on STANDARD PLAN A77J3.

BARRIER SECTION

For details not shown, see STANDARD PLAN B11-56, Note 3.

TRANSITION RAILING CONNECTION DETAIL C

1. For details not shown, see STANDARD PLAN B11-56, Note 2.