



- Notes:**
1. No Expansion Joint in Barrier or MSE Wall slab within limits of Wall.
 2. Refer to sht. W-02 to W-05 for Wall profile.
 3. See Nevada Department of Transportation "Standard Plans for Road and Bridge, Construction, 2003" B-25.1.4 for Pedestrian Rail details.

Min. Bar Laps:
No. 4 bars to No. 4 bars 1'-8"

**SECTION AT TOP OF WALL
WITH STANDARD CONCRETE
BRIDGE RAIL ①**

CMU WALL NOTES:

1. **APPLICABLE CODE**
Masonry installation and reinforcing shall conform to all the requirements of Chapter 21 of the Uniform Building Code.
2. **SPECIFIED COMPRESSIVE STRENGTH OF MASONRY**
Compressive Strength of CMU = 1,900 PSI (min)
Mortar Compressive Strength = 1,800 PSI (min)
Grout Compressive Strength = 2,000 PSI
 $f'_m = 1,500$ PSI
3. **REINFORCING STEEL**
All Reinforcing Steel shall be in accordance with ASTM A615, Grade 60, Deformed Bars.
4. **MINIMUM COVER**
All Reinforcing Steel shall have a minimum of 2" Cover, including the Masonry Unit.
5. **LAP SPLICES**
Lap Splices shall be 48 Bar Diameters or 24" minimum, whichever is greater.
6. **SOLID GROUT**
Solid Grout All Cells.

REVISIONS	NO.	DATE	DESCRIPTION	APP'D

**DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION**

CITY ENGINEER: JORGE CERVANTES, P.E.
PROGRAM MANAGER: MARK SORENSEN, P.E.

DESIGNED BY: LA
DRAWN BY: CS
CHECKED BY: CS

HORIZONTAL SCALE: N/A
VERTICAL SCALE: N/A
DATE: 1/2008

HDR
HDR Engineering, Inc.

**TENAYA WAY OVERPASS
AT SUMMERLIN PKWY**

MSE WALL DETAILS

TITLE: SHEET:

CRAIG W. SMART
Exp. 12/31/08
CIVIL
No. 14579
1-22-08

Sheet
W-06
83 of 96
DRAWING NO.
1074452

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