NOTES:

1. Form contraction joints in the corewall at 20-foot intervals.

2. The depth of foundation fill may be less than 6 inches as directed by the CO, when the foundation is on either rock fill or solid rock.

3. Set galvanized metal slots with anchors for the stone work on 2-foot spacing. Use 16-gage galvanized 1-door by 5'-6"-inch metal anchors. Equivalent attachment systems are allowed with the approval of the CO.

4. Kerf (saw cut) the capstones placed on top of the berm to allow for their placement over the soil angle.

5. Construct masonry faces according to Subsection 620.01(d).

6. Flare guardwall ends outside the clear zone according to the Roadside Design Guide.

7. Install metal anchor according to Subsection 620.08(b).

8. Add scuppers for roadway drainage as directed by the CO.


PRECAST CONCRETE COREWALL

See typical section for offset distance. W1 Bars at 18" spacing. Stone masonry facing. Concrete corewall. Scupper. See Typical Section sheets for backfill. See Detail A. W1 BAR BENDING DIAGRAM. 6" x 6" scupper. See Detail A. W1 Bars at 18" spacing. Concrete corewall. Scupper. See Typical Section sheets for backfill. See Detail A.

TYPICAL GUARDWALL CROSS SECTION (DOUBLE FACE)

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

TL-2 STONE MASONRY GUARDWALL (DOUBLE FACE)
Sheet 1 of 2

DETAIL: APPROVED FOR USE APRIL 2013
REVIEWED: SEPTEMBER 2020

E620-50
NOTES:
1. Angles are used to provide lateral shear resistance for the stone masonry placed on top of the inner core wall.
2. Ensure spacing between all angles is approximately 1/2 inch.