Design is for internal stability of the KEYSTONE wall structure only. External stability, including but not limited to foundation and slope stability is the responsibility of the Owner. The design is based on the assumption that the materials within the retained mass, methods of construction, and quality of materials conform to KEYSTONE’s specifications for this project.

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Note:
1. All longitudinal bars are #4 as shown.
2. Concrete cover 2" (Typ.)

#4 Rebar (Typ.)
#4A @ 16" O.C. (Typ.)
#5A @ 8" O.C. (Typ.)
#5B @ 8" O.C. (Typ.)
#5C @ 16" O.C. (Typ.)
#5P @ 8" O.C. (Typ.)
1/2" Expansion Joint Material
1" Styrofoam
1 3/4" Clr. M in.
1 1/4" Styrofoam
Geogrid
Optional Reveal
1/2" Chamfer

keystone unit approach slab finished grade

Note:
1. If short C.I.P. barrier sections are to be constructed adjacent to precast barrier sections, then this sections dimensions shall be adjusted to conform to the precast dimensions.
2. Elevations shown are at the labeled gutter point.

Typical Traffic Barrier Reinforcement

C.I.P. Traffic Barrier Plan

Partial C.I.P. Traffic Barrier Elevation A - A

C.I.P. Traffic Barrier Layout

Section C - C

Section B - B

Cast in Place Traffic Barrier Details

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Typical Wall Details