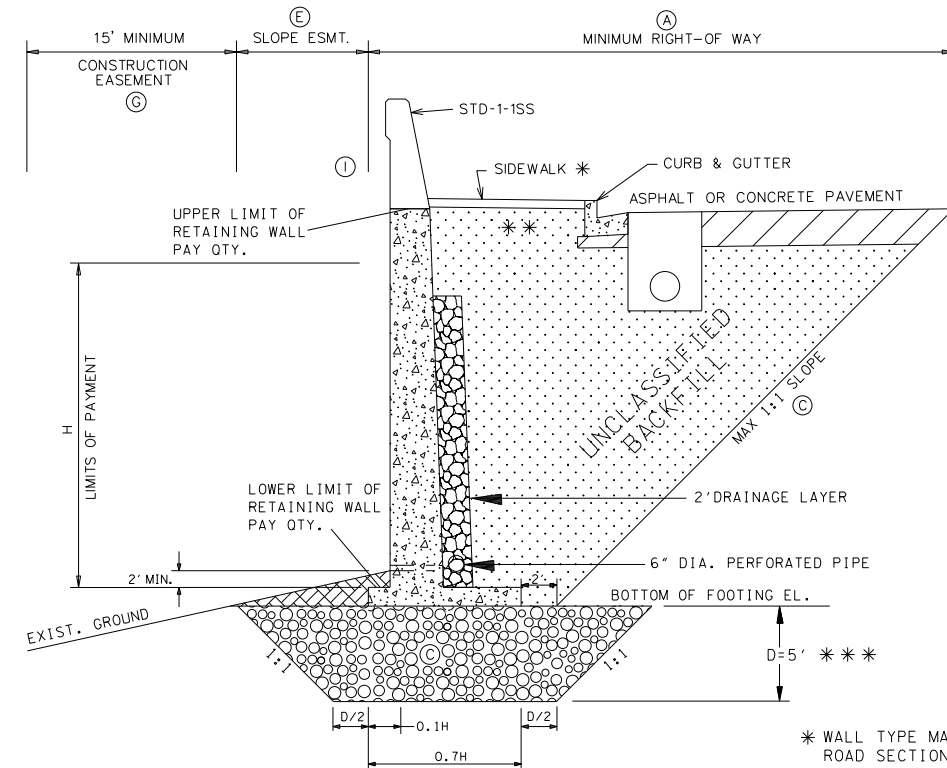


CAST IN PLACE (CIP) WALL  
TYPICAL SECTION IN CUT

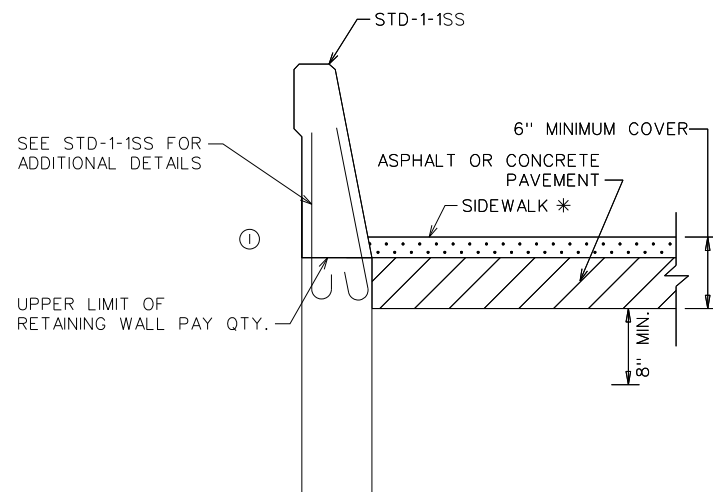


CAST IN PLACE (CIP) WALL  
TYPICAL SECTION IN FILL

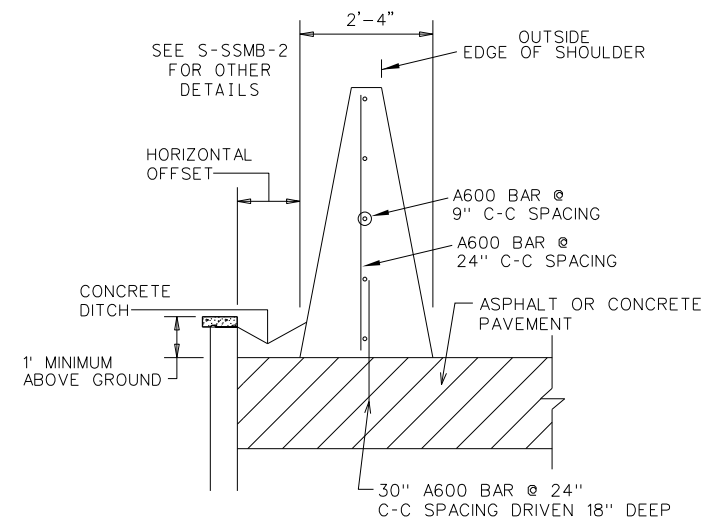
NOTE: THIS IS NOT A STRUCTURAL  
DESIGN DRAWING. IT IS A  
GUIDE FOR THE ROADWAY  
DESIGNER.

#### GENERAL NOTES

- THE PURPOSE OF THIS DRAWING IS TO ILLUSTRATE TO THE ROADWAY DESIGNER THE RIGHT-OF-WAY, SAFETY AND DRAINAGE REQUIREMENTS ASSOCIATED WITH RETAINING WALLS.
- (A) THE ENTIRE WALL MUST BE BUILT WITHIN THE RIGHT-OF-WAY, INCLUDING FOUNDATION.
  - (B) A MINIMUM OF 15' CONSTRUCTION EASEMENT REQUIRED BEHIND SLOPE TIE IN.
  - (C) UNDERCUT DEPTH AND BACKFILL SLOPE TO BE DETERMINED BY THE GEOTECHNICAL ENGINEER.
  - (D) IF WALL IS WITHIN CLEAR ZONE OF ROADWAY, PLACE CONCRETE BARRIER WALL.
  - (E) BACKFILL AREA TO BE PURCHASED AS SLOPE EASEMENT UNTIL TIED IN WITH EXISTING GROUND LINE.
  - (F) BEGINNING AND END OF WALLS SHOULD BE PLACED OUTSIDE THE CLEAR ZONE. IF THIS OPTION IS NOT FEASIBLE, USE A TANGENTIAL GUARDRAIL END TERMINAL ATTACHED TO THE WALL ITSELF.
  - (G) AREA OUTSIDE OF WALL TO BE GRADED TO DRAIN AWAY FROM WALL. ALL GRADING TO BE INCLUDED IN CONSTRUCTION EASEMENT. WHERE AVAILABLE PURCHASING AS PERMANENT RIGHT-OF-WAY SHOULD BE CONSIDERED.
  - (H) LIMITS OF PAYMENT ARE FROM TOP OF WALL TO 2' BELOW FINISHED GRADE. ALL COSTS ASSOCIATED WITH THE FOOTING/FOUNDATION TO BE INCLUDED IN PRICE BID FOR THE WALL.
  - (I) ALTERNATIVELY, THE BARRIER WALL MAY BE DESIGNED AS PART OF THE CAST-IN-PLACE WALL. COST OF CONCRETE BARRIER INCORPORATED INTO THE RETAINING WALL SHALL BE INCLUDED IN THE COST OF THE RETAINING WALL. THE BARRIER SHALL BE DESIGNED AS TL-4 RAIL AS DEFINED BY SECTION 13 OF THE AASHTO BRIDGE DESIGN SPECIFICATIONS.



CONCRETE BARRIER ATTACHMENT DETAIL  
TO BE PROVIDED BY WALL DESIGNER



ALTERNATE ATTACHMENT DETAIL FOR  
51" SINGLE SLOPE CONCRETE BARRIER