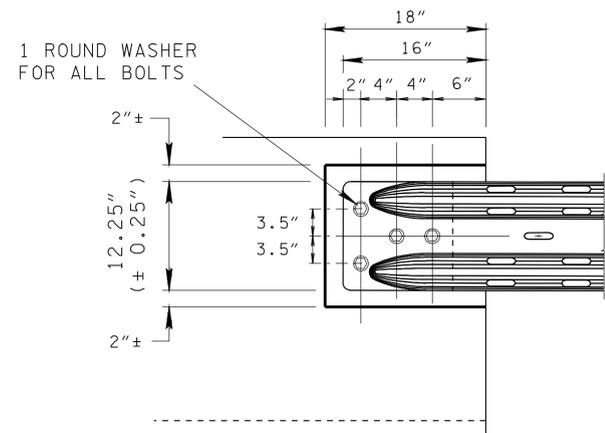
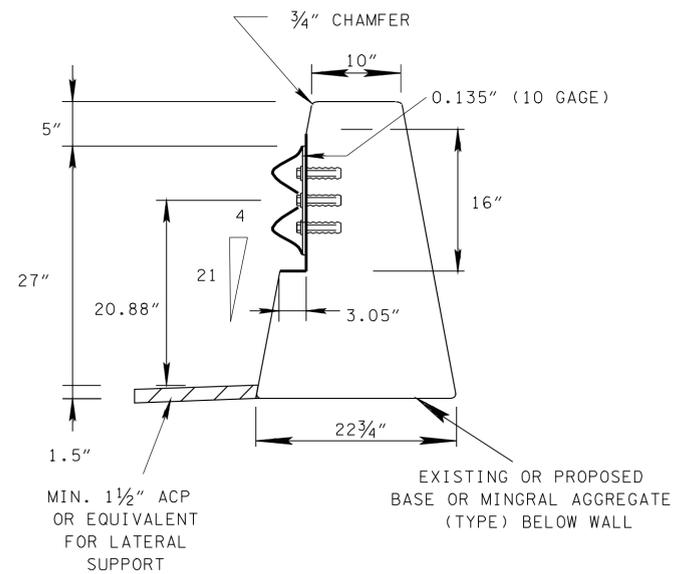


TOP VIEW

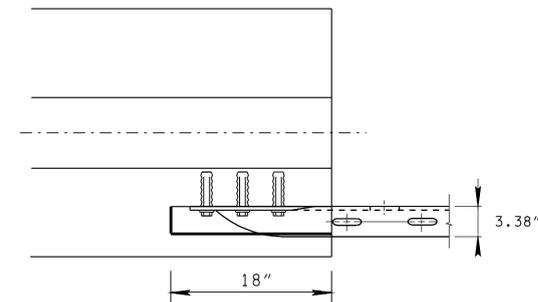


FRONT VIEW

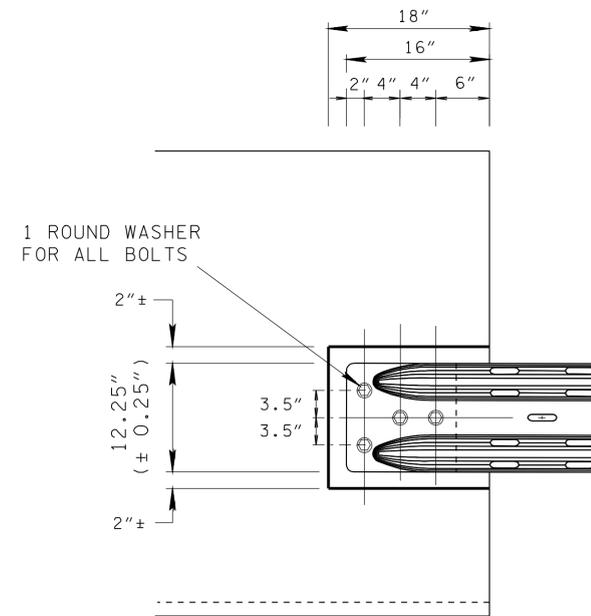


SIDE VIEW

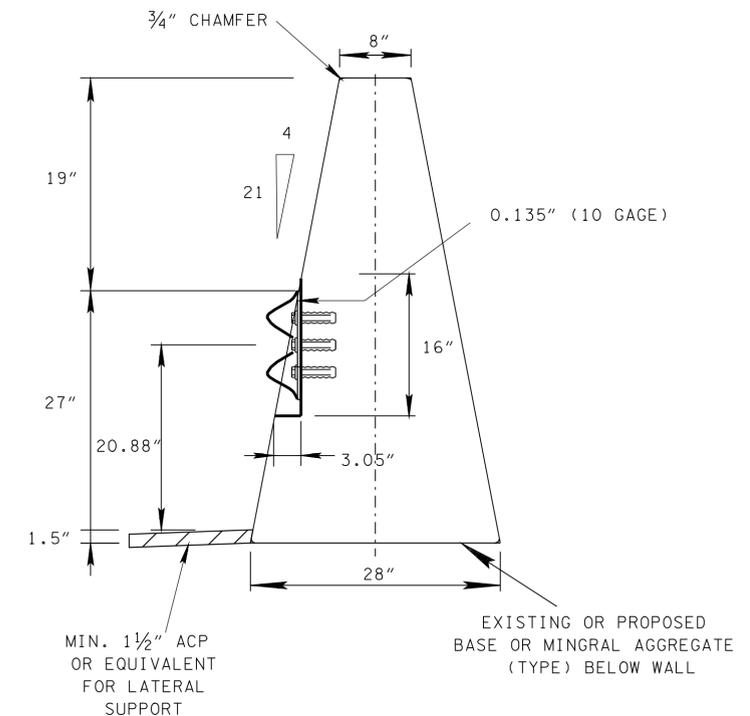
GUARDRAIL CONNECTION TO 32" SINGLE SLOPE CONCRETE BARRIER WALL



TOP VIEW

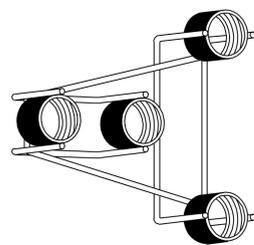


FRONT VIEW



SIDE VIEW

GUARDRAIL CONNECTION TO 51" SINGLE SLOPE CONCRETE BARRIER WALL



ANCHOR BLOCK INSERT ASSEMBLY

CAST IN PLACE THREADED STEEL INSERT WITH
 $\frac{7}{8}$ " DIA. X 2" HEX HEAD GALVANIZED BOLTS (ASTM A307)
 HOT DIP ZINC COATING ASTM A153

GENERAL NOTES

- ① REQUIREMENTS FOR ANCHOR INSERT BOLTS SHALL BE $\frac{7}{8}$ " HEX HEAD INSTALLED IN $\frac{7}{8}$ " MASONRY ANCHOR. THE INSERTS ARE TO BE THREADED A MINIMUM OF $1\frac{3}{4}$ INCHES. THE CONTRACTOR SHALL FURNISH ANCHOR PULL-OUT DATA FROM AN INDEPENDENT TESTING LABORATORY USING CLASS "A" CONCRETE IN ACCORDANCE WITH STATE OF TENNESSEE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" THE ULTIMATE LOAD FOR $\frac{7}{8}$ " ANCHOR SHALL BE 19,000 POUNDS. BOLTS SHALL CONFORM TO ASTM A307.
- ② THE MASONRY ANCHORS SHALL BE SUB-SET IN THE CONCRETE AT A DEPTH OF BETWEEN $\frac{3}{32}$ " TO $\frac{1}{4}$ " AND TORQUED WITH THE END TERMINAL IN THE PLACE TO AN EQUIVALENT DIRECT PULL-OUT LOAD OF 12,000 POUNDS. SLIPPAGE SHALL NOT EXCEED $\frac{1}{4}$ ".
- ③ THE CONTRACTOR WILL PERFORM ON-SITE TESTING OF EACH BOLT IN THE PRESENCE OF DOT PERSONNEL TO INSURE THESE REQUIREMENTS. ANY INSTALLATION NOT MEETING
- ④ BOLTS AND WASHERS TO BE GALVANIZED CONFORMING TO REQUIREMENTS OF ASTM A153.
- ⑤ SEE S-SSMB-1, AND S-SSMB-2 FOR ADDITIONAL DETAILS.
- ⑥ PAYMENT WILL BE MADE UNDER ITEM NO. 711-05.70 SINGLE SLOPE CONCRETE MEDIAN BARRIER WALL PER LINEAR FOOT.