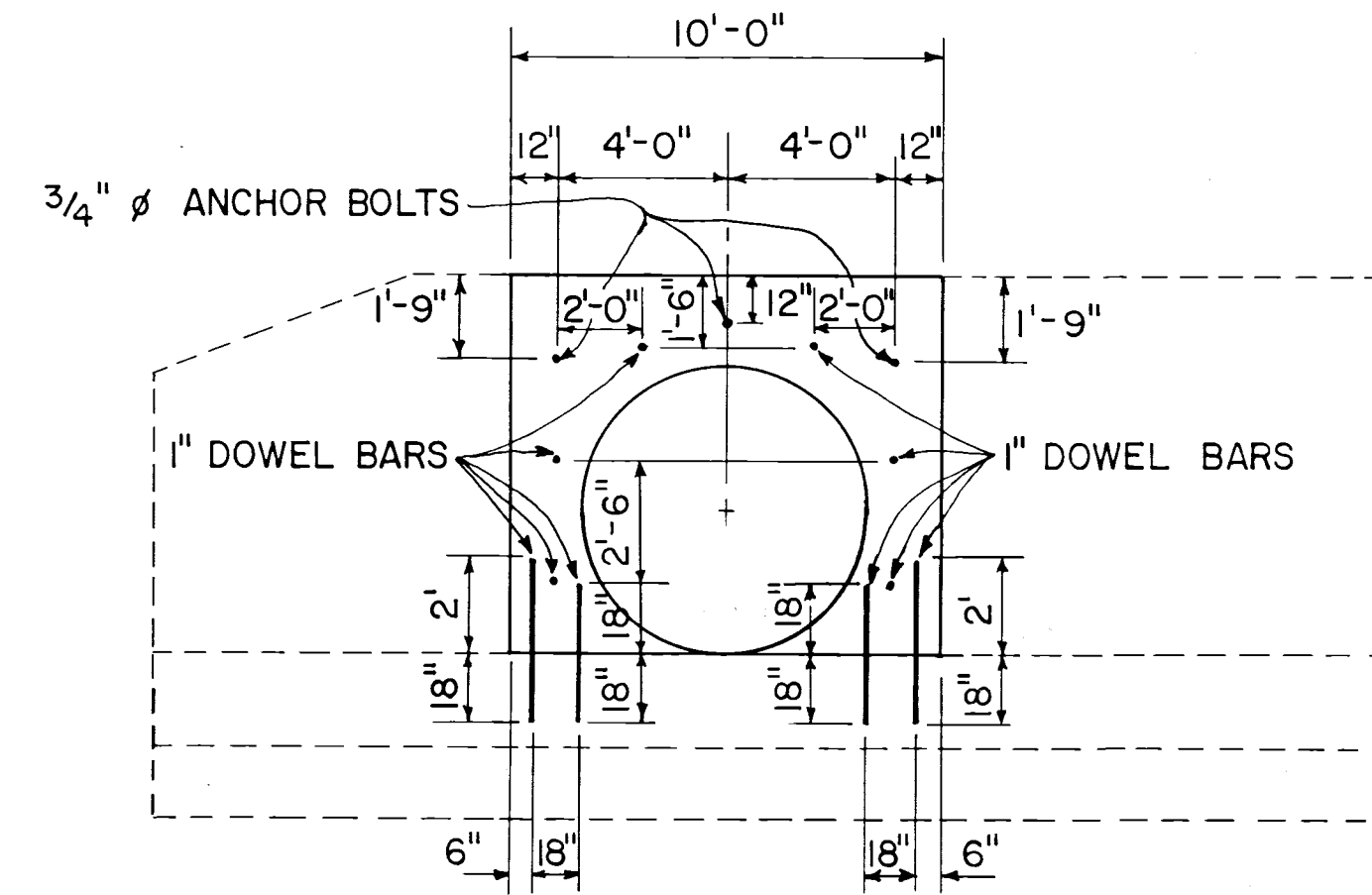
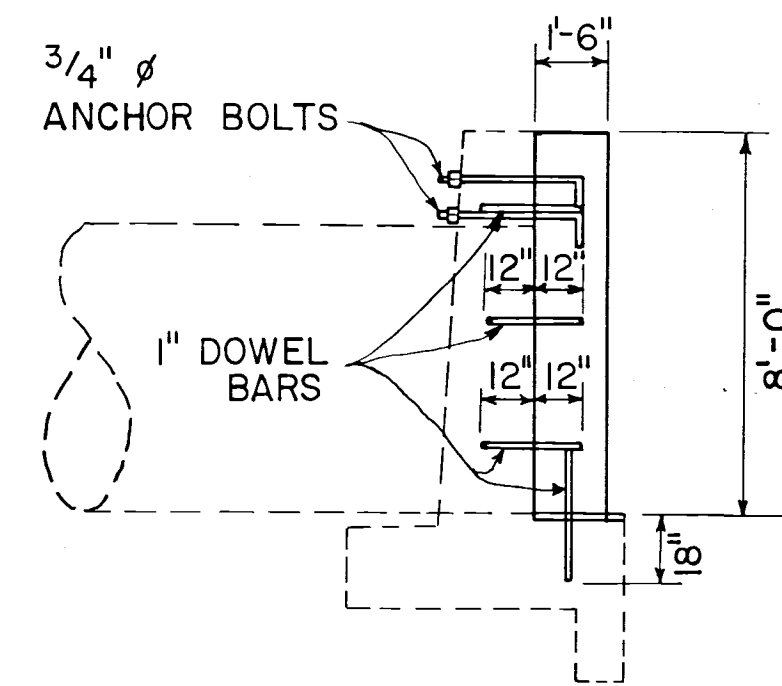
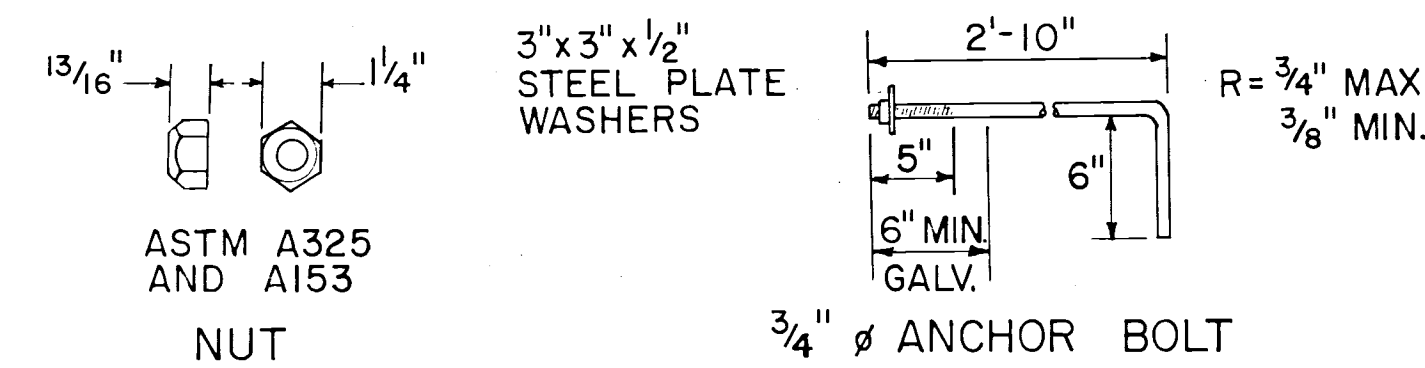


NOTE: COST OF DOWEL BARS AND ANCHOR BOLTS TO BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 602, CONCRETE MASONRY. DOWEL BARS SHALL CONFORM TO 709.01, 709.03 OR 709.05.

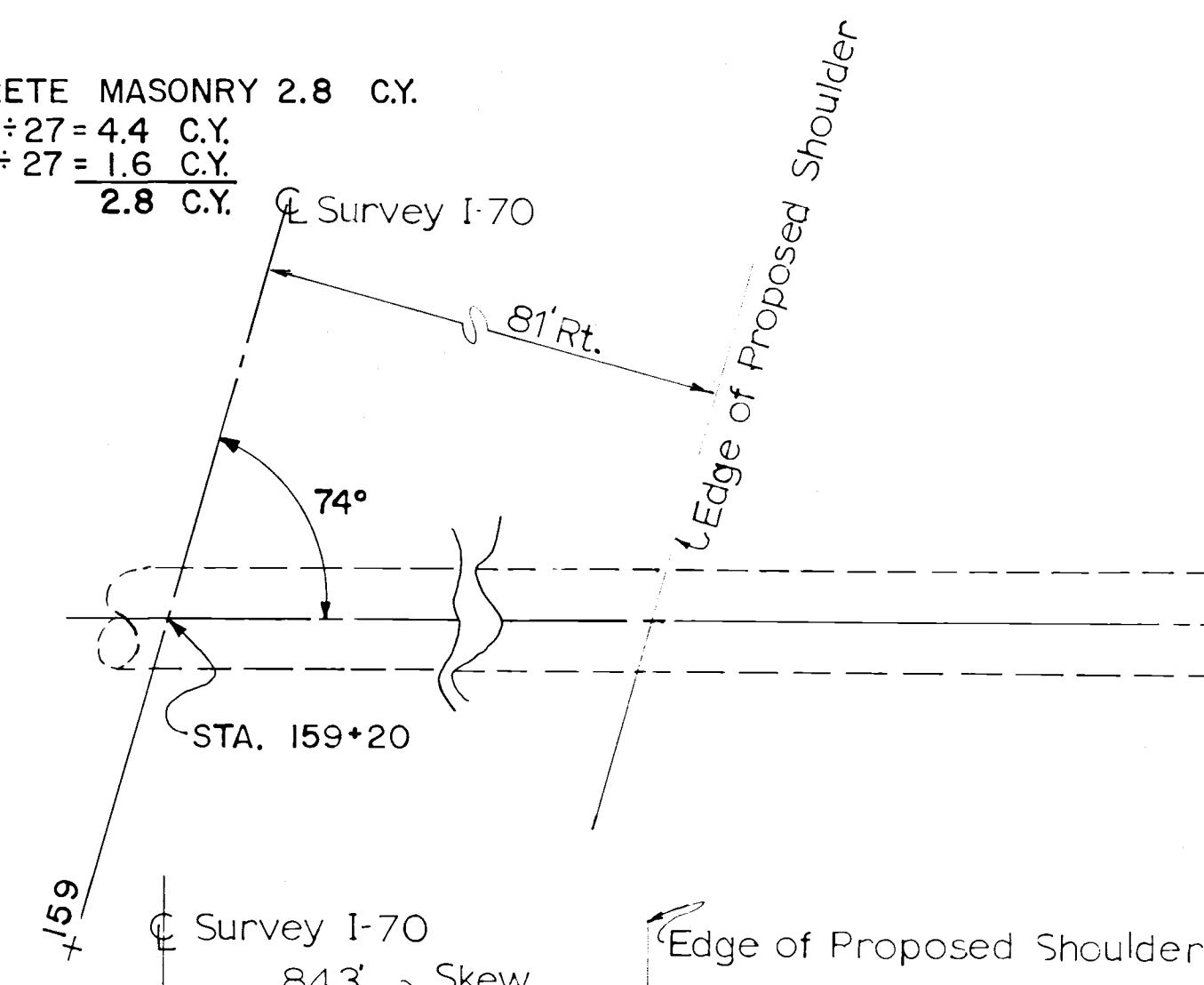


CONCRETE COLLAR DETAIL

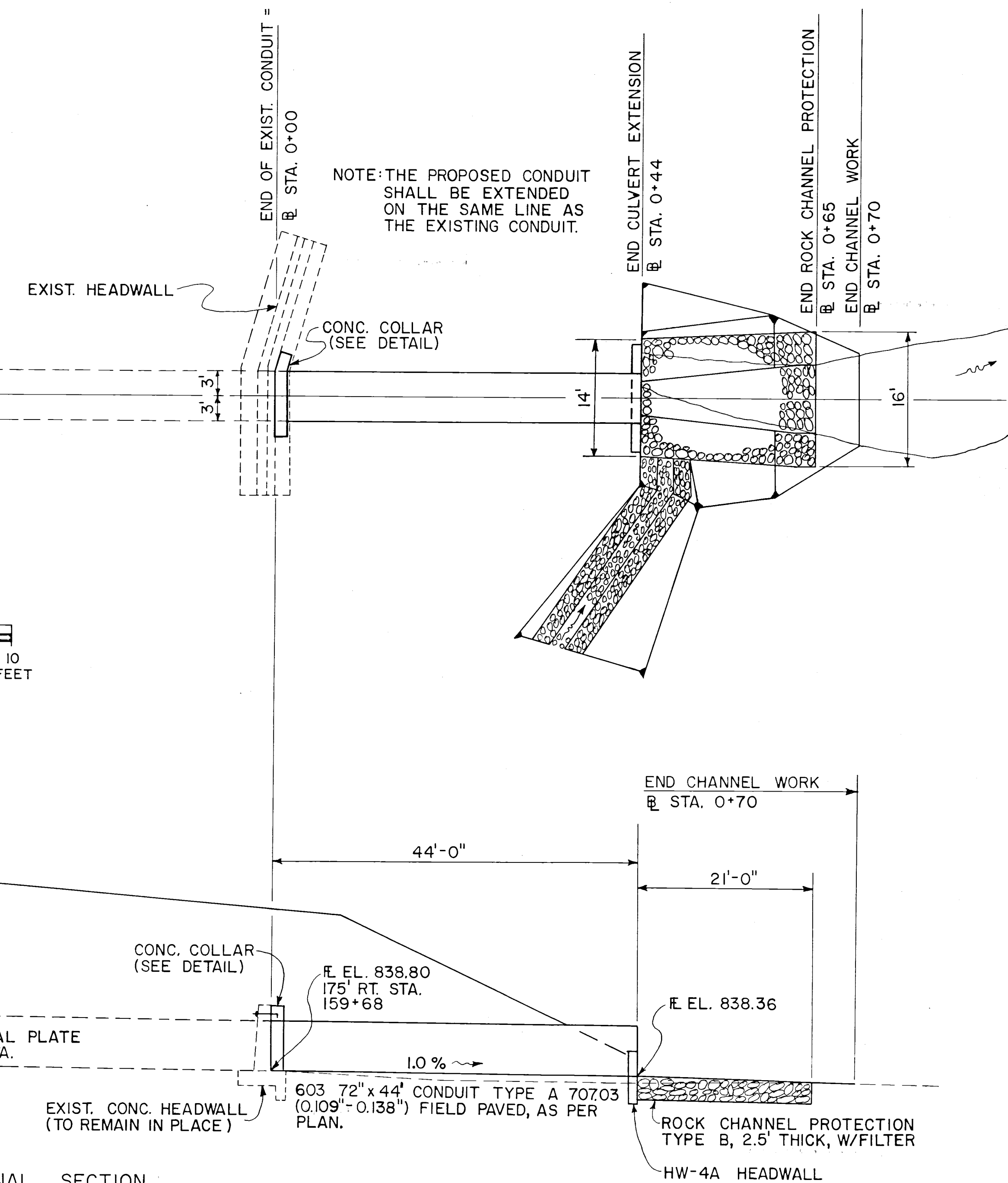
ANCHOR BOLTS AS DETAILED BELOW SHALL MEET ASTM A307. THE TOP 6" MIN. OF THE BOLT SHALL BE GALVANIZED ACCORDING TO ASTM A153.



602 CONCRETE MASONRY 2.8 C.Y.
10' x 8' x 1.5' $\div$ 27 = 4.4 C.Y.
28.3' x 1.5' $\div$ 27 = 1.6 C.Y.
2.8 C.Y.



PLAN
0 5 10
SCALE IN FEET



SEEDING	
END WIDTH	SQ. YDS.
10	
14	
31	
23	
25	
37	

0+70 END CHANNEL WORK

0+65 END ROCK CHANNEL PROTECTION

ROCK CHANNEL PROTECTION
TYPE B, 2.5' THICK, W/ FILTER

0+60
837.6

PROFILE DITCH
FROM STA. 159+50

HW-4A HEADWALL

0+44
838.36
837.5

0+44 END PROPOSED CONDUIT
BEGIN ROCK CHANNEL PROTECTION

0+44 = END OF EXISTING CONDUIT
601 ROCK CHANNEL PROTECTION, TYPE B
21' LENGTH x 15.6' AVG. WIDTH x 2.5' ÷ 27 = 30.3 C.Y.

TOTALS CARRIED TO SHEET 64A.

QUANTITIES
603 44 LIN. FT. 72" CONDUIT TYPE A, 70703 (0.109" - 0.138") FIELD PAVED, AS PER PLAN
602 5.2 CU.YD. CONCRETE MASONRY
601 30 CU.YD. ROCK CHANNEL PROTECTION TYPE B, W/FILTER
510 10 EACH DOWEL HOLES
QUANTITIES CARRIED TO SHEET 64A.