

**END ELEVATION**  
(LOOKING SOUTH)

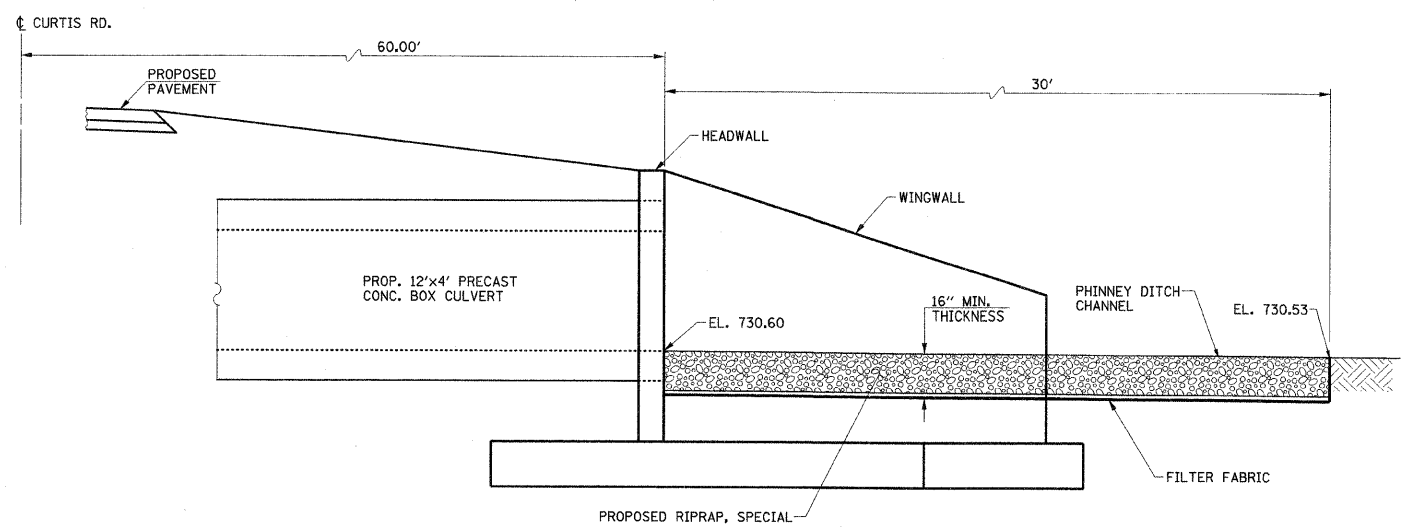
**BAR LAP TABLE**

BAR SIZE	MIN. LAP
4	1'-8"
5	2'-2"
6	2'-7"

**BILL OF MATERIAL**

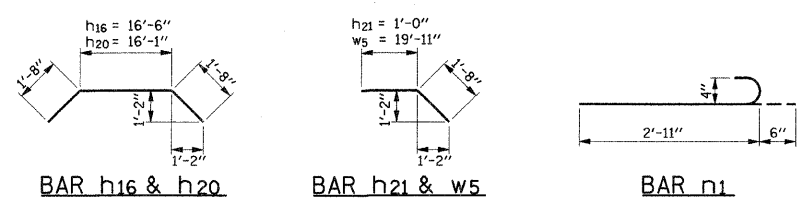
Bar	No.	Size	Length (ft.)	Shape
d1	8	#6	4'-0"	—
h16	5	#4	19'-10"	—
h17*	10	#4	19'-8"	—
h18	28	#4	18'-0"	—
h19	4	#4	18'-3"	—
h20	5	#4	19'-5"	—
h21	24	#4	2'-8"	—
n1(E)	58	#4	3'-5"	—
t6	80	#4	4'-7"	—
t7	34	#4	5'-4"	—
v10*	5	#4	12'-3"	—
v11*	18	#4	13'-4"	—
v12	8	#4	8'-9"	—
v13	14	#4	1'-9"	—
w5	20	#4	21'-7"	—
w6	12	#4	17'-4"	—
Structural Excavation			Cu. Yd.	164
Concrete Structures			Cu. Yd.	24.9
Reinforcement Bars			Pound	1930

\*See Bar Cutting Diagrams

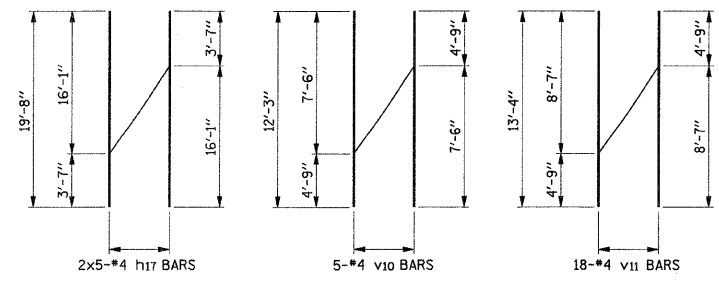


**NOTE**  
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR RIPRAP, SPECIAL, WHICH PRICE SHALL INCLUDE ALL MATERIALS, INCLUDING EXCAVATION, RIPRAP, FILTER FABRIC, GROUT AND LABOR NECESSARY TO COMPLETE THE WORK. SECTION 282 OF THE STANDARD SPECIFICATIONS IS HEREBY REVISED THAT FILTER FABRIC IS NOT TO BE PAID FOR SEPARATELY, BUT INCLUDED IN THE PRICE FOR THE RIPRAP, SPECIAL AS NOTED HEREIN.

**RIPRAP, SPECIAL DETAIL**  
NO SCALE



**BAR BENDING DIAGRAMS**



**BAR CUTTING DIAGRAMS**

ILLINOIS DEPARTMENT OF TRANSPORTATION

**HEADWALL DETAIL**  
STA. 97+90, LT.

DATE : 10-08  
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