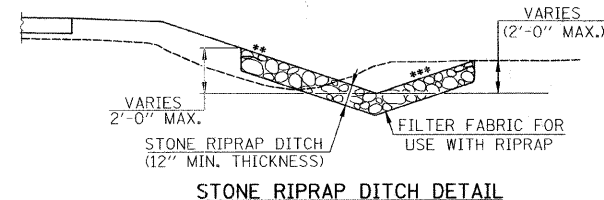
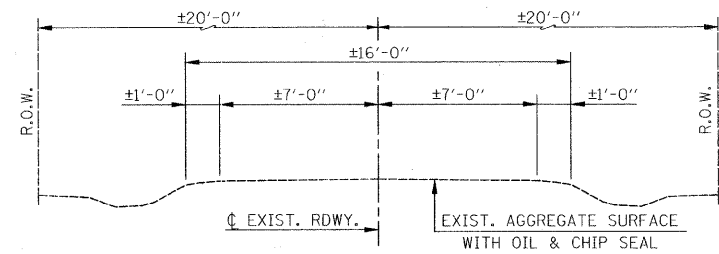


•• 3:1 < 6'
 2:1 > 6'
 •• 3:1 < 10'
 2:1 > 10'



SCHEDULE
 STONE RIPRAP DITCH & FILTER FABRIC

LOCATION	STONE RIPRAP DITCH QUANTITY		FILTER FABRIC QUANTITY	
	LT. (TON)	RT. (TON)	LT. (SQ. YD.)	RT. (SQ. YD.)
STA. 12+90 TO STA. 13+00	5	2	10	5
STA. 13+00 TO STA. 13+50	17	13	33	25
STA. 13+50 TO STA. 14+00	12	17	23	33
STA. 14+00 TO STA. 14+25	7	10	14	20
STA. 14+25 TO STA. 14+50	0	12	0	23
STA. 14+50 TO STA. 14+75	0	13	0	26
SUB-TOTAL	41	67	80	132
TOTAL	108		212	

GENERAL NOTES

WHERE SECTION OR SUBSECTION STONES ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH STONES ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR REFERENCED THEIR LOCATION.
 SEEDING: FERTILIZER NUTRIENTS SHALL BE APPLIED AT A RATIO OF 1:1:1 AND AT A RATE OF 90 POUNDS PER ACRE FOR EACH NUTRIENT.
 MULCH SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE.
 AREAS TO BE SEEDDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AND EASEMENT AS DIRECTED BY THE ENGINEER.

SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
20100500	TREE REMOVAL, ACRES	0.70
20200100	EARTH EXCAVATION	CU. YD. 184
20300100	CHANNEL EXCAVATION	CU. YD. 830
25000200	SEEDING CLASS 2	ACRE 0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND 45
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND 45
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND 45
25100115	MULCH, METHOD 2	ACRE 0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND 100
28000305	TEMPORARY DITCH CHECKS	FOOT 24
28100207	STONE RIPRAP, CLASS A4	TON 578
28102600	STONE RIPRAP DITCH	TON 108
28200200	FILTER FABRIC	SQ. YD. 1083
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON 472
50100100	REMOVAL OF EXISTING STRUCTURES	EACH 1
50200100	STRUCTURE EXCAVATION	CU. YD. 137
50300225	CONCRETE STRUCTURES	CU. YD. 111.9
50300280	CONCRETE ENCASEMENT	CU. YD. 16.9
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ. FT. 3204
50800105	REINFORCEMENT BARS	POUND 12060
50900205	STEEL RAILING, TYPE S1	FOOT 270
51201400	FURNISHING STEEL PILES HP 10X42	FOOT 224
51201600	FURNISHING STEEL PILES HP 12X53	FOOT 315
51500100	NAME PLATES	EACH 1
67100100	MOBILIZATION	L. SUM 1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH 4
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH 1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH 1
Z0065000	SETTING PILES IN ROCK	EACH 18

* SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
STA. 12+75 TO STA. 13+00	8	6	1	5
STA. 13+00 TO STA. 13+50	42	31	7	24
STA. 13+50 TO STA. 14+00	42	31	49	-18
STA. 14+00 TO STA. 14+50	20	15	190	-175
STA. 14+50 TO STA. 14+75	4	3	145	-142
BRIDGE OMISSION - STA. 14+75 TO STA. 16+10				
STA. 16+10 TO STA. 16+50	10	8	55	-47
STA. 16+50 TO STA. 17+00	11	8	73	-65
STA. 17+00 TO STA. 17+50	8	6	53	-47
STA. 17+50 TO STA. 18+00	13	10	20	-10
STA. 18+00 TO STA. 18+50	20	15	10	5
STA. 18+50 TO STA. 18+75	6	5	2	3
TOTAL	184	138	605	****0

**** QUANTITY HAS BEEN REDUCED BY 467 CU. YDS. OF SUITABLE CHANNEL AND STRUCTURE EXCAVATION WHICH HAS BEEN ESTIMATED AS APPROXIMATELY 50% OF THOSE TOTAL QUANTITIES.