

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(48X-2)BR-2	VERMILION	26	5

CONTRACT NO. 70017

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS
721+00.00 to 728+00.00	183	137	895	-758
TOTALS	183	137	895	-758

ASSUME 25% SHRINKAGE FACTOR FOR EARTH EXCAVATION
• FOR INFORMATION ONLY

BASE COURSE (OPTION)

STATION TO STATION	LENGTH	WIDTH	SQ. YDS.
LT. 721+40.00 TO LT. 723+94.37	254.37'	6'	169.58
LT. 724+51.63 TO LT. 727+00.00	248.37'	6'	165.58
RT. 721+40.00 TO RT. 727+00.00	560.00'	6'	373.33
			TOTAL = 708.49 SQ. YDS.

REMOVE EXISTING CULVERTS

STATION	EACH
721+73.55	1.0
	TOTAL = 1.0 EACH

TEMPORARY SHEETING AND SHORING

STAGE	STATION TO STATION	LENGTH
STAGE 1	723+94.37 to 724+51.63	57.26'
STAGE 2	724+05.25 to 724+40.75	35.50'
		TOTAL = 1.0 L. SUM

TEMPORARY EROSION CONTROL SEEDING

100 LBS/ACRE x 0.7 ACRES = 70 LBS
TOTAL = 70 LBS.

EXPLORATION TRENCH, 52"

STATION TO STATION	LENGTH (FT.)
721+00.00 to 729+00.00	800
	SUB-TOTAL = 800 FEET
800' x 1.5 = 1200 FEET	
	TOTAL = 1,200 FEET

RIPRAP (SPECIAL)

LOCATION	LENGTH (FT.)	WIDTH (FT.)	DEPTH (FT.)	VOLUME (CU. YD.)
UNDER LEFT SIDE OF BOX	20	35.50	1	26.30
UNDER LEFT END SECTION	3.7	41.45	1	5.68
				SUB-TOTAL = 31.98 CU. YDS.
				TOTAL = 48.0 TONS
				31.98 CU. YDS. x 1.5 TONS / CU. YD. = 47.97 TONS

SHORT TERM PAVEMENT MARKING

YELLOW:	1,500.00 LIN. FT.	4 INCH
WHITE:	45.00 LIN. FT.	4 INCH
TOTAL:	1,545.00 LIN. FT.	4 INCH

TEMPORARY PAVEMENT MARKING

YELLOW:	15.00 LIN. FT.	LINE 4 INCH
WHITE:	1,120.00 LIN. FT.	LINE 4 INCH
TOTAL:	1,135.00 LIN. FT.	LINE 4 INCH

PAINT PAVEMENT MARKING

YELLOW:	15.00 LIN. FT.	LINE 4 INCH
WHITE:	1,120.00 LIN. FT.	LINE 4 INCH
TOTAL:	1,135.00 LIN. FT.	LINE 4 INCH

FILTER FABRIC FOR RIPRAP

LOCATION	SQ. YDS.
AREA FROM STONE RIPRAP, CLASS A-4	395.90
AREA UNDER THE BOX CULVERT	78.89
AREA UNDER THE LEFT END SECTION	17.04
	SUB-TOTAL = 491.83 SQ. YDS.
	TOTAL = 492.0 SQ. YDS.

PERIMETER EROSION BARRIER

STATION	TO STATION	LENGTH (FT.)
LT. 723+93.50	LT. 724+55.50	62
RT. 723+93.50	RT. 724+55.50	62
		TOTAL = 124 FEET

STEEL PLATE BEAM GUARDRAIL, TYPE A

APPROACH SIDES	STATION TO STATION	LENGTH (FT.)
	LT. 723+66.75 to 725+79.25	112.5
	RT. 722+66.75 to 723+79.25	112.5
		SUB-TOTAL = 225 FEET

DEPARTURE SIDES

STATION TO STATION	LENGTH (FT.)
LT. 723+16.75 to 723+79.25	62.5
RT. 724+66.75 to 725+29.25	62.5
	SUB-TOTAL = 125 FEET
250 + 100 = 350 FEET	
	TOTAL = 350 FEET

STEEL PLATE BEAM GUARDRAIL, TYPE B

STATION TO STATION	LENGTH (FT.)
LT. 723+79.25 to 724+04.25	25
RT. 723+79.25 to 724+04.25	25
LT. 724+41.75 to 724+66.75	25
RT. 724+41.75 to 724+66.75	25
	TOTAL = 100 FEET

STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURE

STATION TO STATION	LENGTH (FT.)
LT. 724+04.25 to 724+41.75	37.5
RT. 724+04.25 to 724+41.75	37.5
	TOTAL = 75.0 FEET

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

STATION	EACH
RT. 722+16.75 TO 722+66.75	1
RT. 725+29.25 TO 725+79.25	1
LT. 722+66.75 TO 723+16.75	1
LT. 725+79.25 TO 726+29.25	1
	TOTAL = 4 EACH