MISCELLANEOUS STRUCTURES – QUANTITIES

LOCATION	STATION	DESCRIPTION	CONCRETE GRADE 31 (AE) m³	REINFORCING STEEL GRADE 420 (EPOXY COATED) kg
BRIDGE APPROACH SLAB	ARMOUR	BARRIER QUANTITIES	12.6	2 590
RCB STORAGE BOX	–	RCB STORAGE BOX	698.9	85 260
BRIDGE APPROACH	KELLOGG OVER ARMOUR	SPECIAL CONCRETE APPROACH PAVEMENT	18.7	2 010
BRIDGE APPROACH	ROCK ROAD OVER KELLOGG	SPECIAL CONCRETE APPROACH PAVEMENT	22.2	1 300
TOTAL			752.4	91 160

SIDEWALK CONSTRUCTION (100 mm) (AE)

LOCATION	STATION TO STATION	SIDE	AREA W = 1.525 m (sq. m.)
N. FTG. RD.	3+472.957 – 4+030.218	NORTH	727
S. FTG. RD.	2+899.900 – 4+015.000	SOUTH	1 250
ARMOUR	SOUTH OF KELLOGG	WEST	431
ROCK	NORTH OF KELLOGG	EAST/WEST	673
ROCK	SOUTH OF KELLOGG	EAST/WEST	277
TOTAL			3 358

EDGE DRAIN SUMMARY

LOCATION	STATION TO STATION	SIDE LT.	SIDE RT.	LENGTH – m	REMARKS
E. KELLOGG AVE.	3+535 – 4+244.4	X		709	OUTLET INTO PROPOSED INLETS – SEE DETAILS
E. KELLOGG AVE.	3+580 – 4+244.4		X	665	OUTLET INTO PROPOSED INLETS – SEE DETAILS
	TOTAL			1 374	

SHOULDER PAVEMENT REINFORCEMENT

NO. OF PANELS	kg/Panel	Reinforcing Steel (Grade 420)(Epoxy Coated) (kg)
286	344.0	98 384
TOTALS		98 384

EARTHWORK SUMMARY

LOCATION	STATION TO STATION	EXCAVATION COMMON cu m	EXCAVATION COMMON VMF	EXCAVATION ROCK (PVMT. REMOVAL) cu m	EXCAVATION ROCK (PVMT. REMOVAL) VMF	EXCAVATION CONTRACTOR FURNISHED cu m	EXCAVATION CONTRACTOR FURNISHED VMF	COMPACTION TYPE AA MR–0–4 cu m			WASTE ※ COMMON cu m	WASTE ROCK cu m
KELLOGG AVE.	STA. 3+899.9 – STA. 4+244.422	156 467	0.80	11 074	1.000	111 632	0.80	90 554			194 025	11 074
ARMOUR	STA. 50+042 – STA. 50+185	2 560	0.80	304	1.000			168			2 990	304
ROCK	STA. 49+687.4 – STA. 49+960 STA. 50+040 – STA. 50+150	7 450	0.80	2 758	1.000			492			8 698	2 758
TOTAL		166 477		14 136		111 632		91 214			205 713	14 136

※ The material to be wasted may be used on the project, if acceptable to the Engineer.

CFS Cook, Flatt & Strobel ENGINEERS, P.A.

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

DATE	BY	REFERENCE NOTED
		REFERENCE CHECKED

Drawn by: Plotted: SCALE File: