FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0128-01	.	61	118

DATE	BY	
REFERENCES NOTED		
REFERENCES CHECKED		

COMBINED CURB & GUTTER

STA. TO STA.	ROADWAY	SIDE	TYPE I (LIN. METERS)	TYPE II (LIN. METERS)	TYPE III (LIN. METERS)	REMARKS
WEST CENTRAL			1,327.36	–	–	
WEST CENTRAL			–	–	766.23	
EAST CENTRAL			557.73	–	–	
EAST CENTRAL			–	–	677.16	
SOUTH RIDGE ROAD			136.21	–	–	
SOUTH RIDGE ROAD			–	–	255.39	
NORTH RIDGE ROAD			630.54	–	–	
NORTH RIDGE ROAD			–	–	240.19	
CENTRAL & RIDGE INTERSECTION			115.61	–	62.29	
TOTALS			2,767.45	–	2,001.26	

SIDEWALK CONSTRUCTION (100 mm)

ROADWAY	SIDE	1 500m (SQ. METERS)	1 800m (SQ. METERS)	REMARKS
WEST CENTRAL	LT	–	1,237.92	
WEST CENTRAL	RT	10.63	1,209.63	
EAST CENTRAL	LT	–	710.77	
EAST CENTRAL	RT	–	156.68	
SOUTH RIDGE	LT	136.67	169.00	
SOUTH RIDGE	RT	147.85	140.48	
NORTH RIDGE	LT	3.59	250.13	
NORTH RIDGE	RT	4.35	247.79	
TOTALS		303.09	4,122.40	

CONCRETE PAVEMENT (200 mm) (AE) (PLAIN)

STATION	ROADWAY	SIDE	200 mm CONC. PVMT. (PL.) (SQ. METERS)	REMARKS
9+112.229	Central	Lt.	87 21	
9+149.500	Central	Lt.	143 61	
9+801.882	Central	Lt.	88 76	
9+807.988	Central	Rt.	161 28	
9+833.582	Central	Lt.	168 08	
9+870.750	Central	Rt.	290 69	
9+888.015	Central	Lt.	61 06	
9+930.091	Central	Lt.	70 37	
9+945.698	Central	Lt.	80 08	
10+042.755	Central	Lt.	84 11	
10+059.552	Central	Lt.	80 00	
10+069.111	Central	Rt.	82 71	
10+086.340	Central	Lt.	77 33	
10+146.157	Central	Rt.	92 67	
10+147.550	Central	Lt.	75 92	
10+189.021	Central	Lt.	60 19	
10+259.100	Central	Lt.	62 06	
10+448.092	Central	Lt.	63 93	
10+540.625	Central	Lt.	82 68	
4+868.997	Ridge	Lt.	312 40	
4+869.589	Ridge	Rt.	95 59	
4+928.030	Ridge	Rt.	79 00	
5+039.535	Ridge	Rt.	84 53	
5+056.160	Ridge	Lt.	110 59	
5+066.412	Ridge	Rt.	75 96	
5+072.602	Ridge	Lt.	113 52	
5+107.817	Ridge	Rt.	168 05	
5+302.250	Ridge	Rt.	67 38	
5+351.130	Ridge	Rt.	92 28	
TOTALS			3,112 04	

RETAINING WALLS

STATION TO STATION	ROADWAY	RETAINING WALL (300 – 800mm) (LIN. METERS)	RETAINING WALL (750mm – 2.500m) (LIN. METERS)	THICKENED SIDEWALK WITH RETAINING WALL	REMARKS
9+211.390 – 9+467.997 Lt.	CENTRAL	256 607			
9+212.095 – 9+467.750 Rt.	CENTRAL	255 755			
9+491.298 – 9+744.537 Lt.	CENTRAL	253 239			
9+489.587 – 9+744.096 Rt.	CENTRAL	254 509			
9+764.250 – 9+825.500 Lt.	CENTRAL	61 250			
9+768.640 – 9+862.500 Rt.	CENTRAL	93 860			
9+838.300 – 9+858.750 Lt.	CENTRAL			20 450	
9+858.750 – 9+865 Lt.	CENTRAL	6 250			
9+862.416 from 14 975 Rt. to 33 845 Rt.	CENTRAL	18 875			
9+879.685 from 17 055 Rt. to 25 510 Rt.	CENTRAL	8 455			
9+880.762 – 9+945.789 Rt.	CENTRAL		65 027		
4+875.725 – 4+945.037 Lt.	RIDGE ROAD	69 312			
TOTALS		1,278 112	65 027	20 450	

REINF. CONCRETE V.G. PAVEMENT (200 mm)

STATION	ROADWAY	SIDE	WIDTH (M)	200 mm CONC. PVMT. (PL.) (SQ. METERS)	Edge Curb (AE) (150 mm) (LIN. METERS)	REMARKS
	WOODCHUCK	LT	10.81	144.53	27.68	
	WOODCHUCK	RT	9.35	110.55	22.99	
	REDBARN	LT	11.02	122.56	22.95	
	REDBARN	RT	9.50	110.10	22.97	
	COUNTRY ACRES	LT	11.95	125.92	21.99	
	COUNTRY ACRES	RT	18.32	125.01	21.36	
	SILVER SPRINGS	LT	18.32	318.98	45.05	CENTRAL
	NEWELL	LT	9.47	125.65	24.66	
	NEWELL	RT	9.40	116.09	24.28	
	WILBUR	LT	11.00	119.96	22.62	
	SILVER SPRINGS	RT	14.29	178.78	32.57	RIDGE ROAD
TOTALS				1,598.13	289.12	

RECAPITULATION OF QUANTITIES

	ITEM	QUANTITY	UNIT
	SITE CLEARING AND PREPARATION	1	LUMP SUM
	REMOVAL OF EXISTING STRUCTURES	1	LUMP SUM
	MONUMENT BOX	1	EACH
	COMMON EXCAVATION	8,625	CU. METERS
	ROCK EXCAVATION (PAVEMENT REMOVAL)	1,806	CU. METERS
	COMPACTED FILL	112	CU. METERS
	DRIVE, WALK, & PARKING LOT PVMT. REMOVAL	5,343	SQ. METERS
	PIPE REMOVAL	87	LIN. METERS
	CRUSHED STONE SUBGRADE (200mm)	31,017	SQ. METERS
	GEOGRID REINFORCEMENT (FOR BASE)	31,017	SQ. METERS
	180mm ASPHALTIC CONCRETE PAVEMENT (130mm BIT. BASE))	17,591	SQ. METERS
	50mm ASPHALTIC CONCRETE PAVEMENT (OVERLAY)	33,649	SQ. METERS
	MILL A.C. PAVEMENT (0-50mm)	6,159	SQ. METERS
	EDGE MILLING (M)(2M)	3,080.40	LIN. METERS
	CONCRETE PAVMENT (250mm-UNIFORM)(AE)(PL)	3,478	SQ. METERS
	CONCRETE PAVEMENT (200mm-UNIFORM) (AE)(VALLEY GUTTER)	1,598	SQ. METERS
	CONCRETE PAVMENT (200mm-UNIFORM)(AE)(PL)	3,112	SQ. METERS
	CURB & GUTTER, COMB. (TYPE I) (AE)	2,767	LIN. METERS
	CURB & GUTTER, COMB. (TYPE III) (AE)	2,001	LIN. METERS
	CURB EDGE (150mm) (AE)	289	LIN. METERS
	SIDEWALK CONSTRUCTION (100 mm)(AE)	4,425	SQ. METERS
	WHEELCHAIR RAMP	71	EACH
	PAVING BRICK (60mm)	1,233	SQ. METERS
	PAVING BRICK (80mm)	399	SQ. METERS
	RETAINING WALL (300 TO 600 mm)	1,279	LIN. METERS
	RETAINING WALL (750 TO 2 500mm)	65	LIN. METERS
	THICKENED SIDEWALK WITH RETAINING WALL	21	LIN. METERS
	PEDESTRIAN HANDRAIL (METAL)	65	LIN. METERS
	INLET (TYPE 1A)(CURB)(L=3000mm)	2	EACH
	INLET (TYPE I)(CURB)(L=3000mm)	6	EACH
	INLET (TYPE I)(CURB)(L=4500mm)	5	EACH
	INLET (TYPE II)(CURB)(L=1475mm)	10	EACH
	DROP INLET (600 X 600)	5	EACH
	INLET TOP (TYPE 2-R) (MODIFY)	3	EACH
	INLET (SPECIAL TYPE 2-F)(W=2730mm)	1	EACH
	STANDARD MANHOLE (TYPE C)	6	EACH
	STANDARD MANHOLE (TYPE P)	1	EACH
	MODIFY MANHOLE TOP (ECCENTRIC)	5	EACH
	RCBC ACCESS MANHOLE	3	EACH
	MANHOLE ADJUSTED (SWS OR SS)	16	EACH
	STORM SEWER PIPE (750 mm) RCP	9	LIN. METERS
	STORM SEWER PIPE (600 mm) RCP	13	LIN. METERS
	STORM SEWER PIPE (450 mm) RCP	138	LIN. METERS
	STORM SEWER PIPE (375 mm) RCP	166	LIN. METERS
	STORM SEWER PIPE (100 mm) D.I.	22	LIN. METERS
	FLOWABLE FILL	151	LIN. METERS
**	FLOWABLE FILL	450	CU. METERS
	FIELD OFFICE AND LAB (TYPE A)	1	LUMP SUM
	SPECIAL CURB CASTING	6	EACH
	PAVEMENT MARKING	1	LUMP SUM
	CONSTRUCTION TRAFFIC CONTROL	1	LUMP SUM
	TRAFFIC SIGNALIZATION	1	LUMP SUM
	TRAFFIC SIGNING	1	LUMP SUM
	EROSION CONTROL (INCLUDES TEMPORARY SEEDING)	1	LUMP SUM
	SITE RESTORATION (INCLUDES TEMPORARY SEEDING)	1	LUMP SUM
	WATER METERS ADJUSTED	9	EACH
	WATER VALVES ADJUSTED	20	EACH
	MOBILIZATION	1	LUMP SUM
	MOBILIZATION OBE	1	LUMP SUM
	HIGHWAY TRAINEE (SET)	500	HOURS
	TRAFFIC SIGNING	1	LUMP SUM
	TRAFFIC SIGNAGE	1	LUMP SUM
	NON-PARTICIPATING		
	MANHOLE ADJUSTED (SWB)	9	EACH
	RELOCATE / RECONSTRUCT PRIVATE SPRINKLER SYSTEM	1	LUMP SUM
	TRANSPORTING SALVAGABLE MATERIALS	1	LUMP SUM
	WATER METERS REPLACED AND RELOCATED	14	EACH
	WATER AIR RELEASE RELOCATED	1	EACH
	OBSERVATION MONITOR WELLS ADJUSTED	3	EACH
	FIRE HYDRANT ASSEMBLY REPLACED AND RELOCATED	2	EACH
	2 YEAR MAINTENANCE WARRANTY	1	LUMP SUM

** FLOWABLE FILL FOR TRENCH REPAIR STA. 9+760 TO STA. 9+860. AREA CALCULATED IN CUBIC METERS TO REFLECT QUANTITY OF FILL PLACED, MAY BE ADJUSTED IN FIELD AS NECESSARY.

CENTRAL AND RIDGE ROAD INTERSECTION
SUMMARY OF QUANTITIES

SRB
924 NORTH MAIN
WICHITA, KANSAS 67203
http://www.feist.com/~srb
316-264-8008
FAX 264-4621
E-Mail: srb@feist.com
SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

PROJECT NUMBER

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
JRA	KWL		Dec. 13, 2000		1218T

REVISED .

SHEET TITLE: quantities

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