

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-8258-01	2007	296	556

RECAPITULATION OF ROAD QUANTITIES

ITEM	QUANTITY	UNIT
CONTRACTOR CONSTRUCTION STAKING	1	LS
FIELD OFFICE (SPECIAL)	1	LS
FOUNDATION STABILIZATION	254	cu m
MOBILIZATION	1	LS
REMOVAL OF EXISTING STRUCTURES	1	LS
CONCRETE FOR SEAL COURSE	64	cu m
CLEARING AND GRUBBING	1	LS
EXCAVATION (COMMON)	166 477	cu m
EXCAVATION (COMMON)(CONTRACTOR FURNISHED)	111 632	cu m
ROCK EXCAVATION	14 136	cu m
COMPACTION OF EARTHWORK (TYPE AA)(MR-0-4)	91 214	cu m
DROP INLET	1	each
INLET (TYPE 1), CURB (150x1500)	10	each
INLET (TYPE 10), CURB	44	each
INLET (SPECIAL), GRATE	33	each
INLET (SPECIAL), (2) GRATE	31	each
MANHOLE (TYPE P-STANDARD)	69	each
CONCRETE VALLEY GUTTER (200 mm UNIFORM)	67	sq m
CURB AND GUTTER, COMBINED (AE)(TYPE I)	2 840	m
CURB AND GUTTER, COMBINED (AE)(TYPE I MODIFIED)	1 710	m
CURB AND GUTTER, COMBINED (AE)(TYPE III)	168	m
EDGE CURB (115 mm)(AE)	1 374	m
375 mm STORM SEWER (RCP)	1 602	m
450 mm STORM SEWER (RCP)	1 049	m
600 mm STORM SEWER (RCP)	658	m
750 mm STORM SEWER (RCP)	364	m
900 mm STORM SEWER (RCP)	356	m
1050 mm STORM SEWER (RCP)	79	m
BRIDGE APPROACH SLAB FOOTING	103	cu m
CONCRETE SAFETY BARRIER (TYPE II)	1 249	m
CONCRETE SAFETY BARRIER (TYPE I MODIFIED)	1 345	m
SIDEWALK CONSTRUCTION (100 mm)(AE)	3 358	sq m
EDGE DRAIN PIPE	1 374	m
CONCRETE PAVEMENT(300 mm)(UNIFORM)(AE)(BR. APPR.)	1 628	sq m
CONCRETE PAVEMENT SMOOTHNESS (0.1 Km SECTION/LANE)	89	each
CONCRETE PAVEMENT (260 mm)(UNIFORM)(AE)(NRDJ)	48 891	sq m
CONCRETE PAVEMENT (240 mm)(UNIFORM)(AE)(NRDJ)	39 491	sq m
CONCRETE PAVEMENT (200 mm)(UNIFORM)(AE)(PLAIN)	4 269	sq m
LIME (HYDRATED)	221	Mg
MANIPULATION (LIME TREATED SUBGRADE)	25 090	sq m
WATER (LTSG)	3 700	Mg
AGGREGATE BASE (SPECIAL)	44 571	sq m
BASE (DRAINABLE)(BOUND)(100 mm)	24 836	sq m
FABRIC	24 836	sq m
CONCRETE GRADE 31 (AE)	753	cu m
REINFORCING STEEL (GRADE 420)(EPOXY)	189 544	kg
HMA (COMMERCIAL GRADE)(CLASS A)	3 235	Mg
BITUMINOUS PLANT MIXTURE-TEMPORARY SURFACING (SET)	500.0	Mg
CEMENT TREATED BASE (100 mm)	25 090	sq m
EXCAVATABLE FLOWABLE FILL	1 700	m
IMPACT ATTENUATOR (NARROW HAZARD TYPE)	1	each
IMPACT ATTENUATOR (WIDE HAZARD TYPE)	2	each
PAVING BRICK - SOLID INTERLOCKING	3 800	sq m
TRAFFIC CONTROL INSPECTION	2 555	each
SPECIAL SURFACE TREATMENT (SET)	1	LS

RECAPITULATION OF ROAD QUANTITIES

ITEM	QUANTITY	UNIT
<b>SANITARY SEWER SYSTEM</b>		
MANHOLE (TYPE P - STANDARD)	1	each
MANHOLE (TYPE P - OUTSIDE DROP)	-	each
200 mm SANITARY SEWER (PVC)	-	m
250 mm SANITARY SEWER (PVC)	-	m
450 mm SANITARY SEWER (PVC)	47.9	m
685 mm SANITARY SEWER (PVC)	-	m
200 mm SANITARY SEWER (DIRJ)	-	m
300 mm SANITARY SEWER (DIRJ)	-	m
CASING, BORED AND JACKED (1 200 mm MIN.), STEEL	-	m
<b>WATER DISTRIBUTION SYSTEM</b>		
AIR RELEASE VALVE ASSEMBLY	2	each
MANHOLE, AIR RELEASE	-	each
75 mm ANCHOR VALVE ASSEMBLY	-	each
150 mm ANCHOR VALVE ASSEMBLY	-	each
200 mm ANCHOR VALVE ASSEMBLY	5	each
300 mm ANCHOR VALVE ASSEMBLY	3	each
400 mm ANCHOR VALVE ASSEMBLY	5	each
500 mm ANCHOR VALVE ASSEMBLY	-	each
600 mm ANCHOR VALVE ASSEMBLY	-	each
50 mm BLOWOFF ASSEMBLY	-	each
CASING, BORED AND JACKED (450 mm, MIN.), STEEL	-	m
CASING, BORED AND JACKED (900 mm, MIN.), STEEL	-	m
50 mm CIMJ PLUG	-	each
150 mm CIMJ PLUG	1	each
75 mm CIMJ PLUG	-	each
200 mm CIMJ PLUG	-	each
300 mm CIMJ PLUG	2	each
500 mm CIMJ PLUG	-	each
FIRE HYDRANT ASSEMBLY	3	each
50 mm PIPE (DI CL SJ)	-	m
200 mm PIPE (DI CL SJ)	100.0	m
300 mm PIPE (DI CL SJ)	198.9	m
400 mm PIPE (DI CL SJ)	1190.7	m
500 mm PIPE (DI CL SJ)	-	m
600 mm PIPE (DI CL SJ)	-	m
25 mm LONG SERVICE	1	each
50 mm LONG SERVICE	-	each
MJ BUTTERFLY VALVE	10	each
150 mm CIMJ 90° BEND	1	each
300 mm CIMJ 90° BEND	2	each
400 mm CIMJ 45° BEND	2	each
300 mm x 200 mm CIMJ REDUCER	1	each
CONNECT TO EXISTING WATERLINE	9	each
REMOVE EXISTING PLUG	1	each

RECAPITULATION OF STRUCTURE QUANTITIES

BRIDGE NUMBER	LOCATION	STATION	SEE SHEET NO.
N.A.	ARMOUR RET. WALL	-	168 & 175.001
54-87-30.81 (700) WB & 54-87-30.81 (701) EB	ARMOUR	3+378.725	181
54-87-31.12 (000)	ROCK	3+877.517	247
N.A.	NORTH RET. WALL	-	220
N.A.	SOUTH RET. WALL	-	220

See Sheet No. 314 for Landscaping Quantities  
 See Sheet No. 380 for Pavement Marking Quantities  
 See Sheet No. 418 for Signing Quantities

DATE	
BY	
REFERENCE NOTED	
REFERENCE CHECKED	

Drawn by: \_\_\_\_\_  
 File: \_\_\_\_\_  
 SCALE 1:500  
 Plotted: \_\_\_\_\_

