

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-6657-01	2002	625	1122

RECAPITULATION OF QUANTITIES

ITEM	UNIT	QUANTITY
Contractor Construction Staking	L.S.	Lump Sum
Field Office (Special)	Each	1
Field Office and Laboratory (Type A)	Each	1
Mobilization	L.S.	Lump Sum
Removal of Existing Structures	L.S.	Lump Sum
Cleaning and Grubbing	L.S.	Lump Sum
Embankment (Contractor Furnished)	cu. m.	316,607
Unclassified Excavation	cu. m.	54,316 49,334
Rock Excavation	cu. m.	34,623 34,476
Compaction of Earthwork (Type AA)(MR-3-3)	cu. m.	1,749 1,579
Compaction of Earthwork (Type B)(MR-3-3)	cu. m.	49,185 46,694
Base (Cement Treated)(100 mm)	sq. m.	123,090
Aggregate Base (Special)	sq. m.	24,627 23,625
Combined Material (AB-3)	sq. m.	109,826 109,191
Concrete Pavement (100mm Uniform)(AE)(Plain)	sq. m.	1,019
Concrete Pavement (150mm Uniform)(AE)	sq. m.	364 296
Concrete Pavement (200mm Uniform)(AE)	sq. m.	32,151 27,649 (1)
Concrete Pavement (200mm Uniform)(AE)(NRDU)	sq. m.	61,936 61,451
Concrete Pavement (260mm Uniform)(AE)(NRDU)	sq. m.	81,349 81,316
Concrete Pavement (260mm Uniform)(AE)	sq. m.	2,688
Concrete Pavement (260mm Var.)(AE)	sq. m.	39,413 39,403
Concrete Cores (Set)	Each	56 1
Bituminous Surface (BM-1T)	Mg	4,457 3,854
Bituminous Surface (BM-2C)	Mg	293
Bituminous Base (BM-2C)	Mg	10,397 10,753
Bituminous Plant Mixture - Temporary Surfacing	Mg	11,156 12,628
Temporary Surfacing Material (Set)	cu. m.	3,670 508
Light Type Surfacing (SA-1 or X)	cu. m.	0 34
Milling	sq. m.	5,355 4,789
Class AAA Concrete	cu. m.	2,964.3
Class AAA Concrete (AE)	cu. m.	5.1
Concrete (Grade 30)(AE)	cu. m.	476.1
Reinforcing Steel (Grade 420)	kg	285,490 (2)
Class III Excavation	cu. m.	667
Foundation Stabilization (Set)	cu. m.	34 +
Concrete for Seal Course (Set)	cu. m.	0 +
Alternate 1 - Cast-in-place Retaining Walls		
CIP Retaining Wall	sq. m.	0 17,816.4
Special Surface Treatment	sq. m.	0 4,926.5
Pressure Grouted Pile	m	0 43,873.0
Alternate 2 - MSE Retaining Walls		
MSE Retaining Wall	sq. m.	13,583.4 13,557.7
Planter Walls		
Planter Walls	sq. m.	2,477.9
Handrail	m	559.2 574.0
Surface Coating Finish	sq. m.	2,505.2
300mm Entrance Pipe (RCP)	m	15.8
375mm Entrance Pipe(RCP)	m	11.7
300mm Cross Road Pipe (CMP)	m	74.5
900 mm Cross Road Pipe (CMP)	m	23.5
Inlet (Type 22 Curb)	Each	175 173
Inlet (Type 22 Radius Curb)	Each	4
Inlet (Type 12 Curb)	Each	2
Inlet (Type 10 Curb)	Each	2
Gutter Inlet	Each	85
Gutter Inlet (Special)	Each	16
Manhole (Reinforced Concrete)	Each	24 25
Inlet Manhole (Special)	Each	16 12
Ditch Inlet	Each	3

(1) Includes 21,057.3 sq. m. from summary of "Concrete Pavement (200mm Unit)(AE) and 6591.4 sq. m. from summary of "Drive Entrance Construction"

(2) Includes 263,244 kg from summary of "Drainage Structures" and 22,250 kg from summary of "Retaining Wall Quantities (Wall 9 and Wall 10)"

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ITEM	UNIT	QUANTITY
375mm Storm Sewer (RCP)	m	4,003.0 3,996.8
450mm Storm Sewer (RCP)	m	1,804.1
600mm Storm Sewer (RCP)	m	1,494.8
750mm Storm Sewer (RCP)	m	1,504.8
900mm Storm Sewer (RCP)	m	606.5
1050mm Storm Sewer (RCP)	m	447.2
1200mm Storm Sewer (RCP)	m	190.5
1350mm Storm Sewer (RCP)	m	386.2 392.5
0.30 m ² Storm Sewer (RCPHE)	m	399.6
0.35 m ² Storm Sewer (RCPHE)	m	64.9
0.45 m ² Storm Sewer (RCPHE)	m	189.9
0.55 m ² Storm Sewer (RCPHE)	m	422.7
375mm Slotted Drain (CMP)	m	0 16.0
Flowable Fill (Low Strength)	m	1,486 4,751.0
100mm Edge Drain Pipe	m	0 86.0
Riprap (Light Stone)(450mm)	sq. m.	666.3
Erosion Control (Class 2)(Type F)	sq. m.	176 866.0
300mm End Section (RC)	Each	2
375mm End Section (RC)	Each	3
600mm End Section (RC)	Each	3
300mm End Section (CM)	Each	6
600mm End Section (CM)	Each	1
900mm End Section (CM)	Each	0 +
450mm Headwall	Each	1
900mm Headwall	Each	1
1050mm Headwall	Each	1
1350mm Headwall	Each	1
Concrete Safety Barrier (Type I)	m	20.0
Concrete Safety Barrier (Type I)(Special)	m	2,846.2
Concrete Safety Barrier (Type II)	m	3,447.1
Concrete Safety Barrier (Type II)(Special)	m	1,525.0
Concrete Safety Barrier (Type III)	m	163.5
Concrete Safety Barrier (Type IV)	m	1,310.4
Concrete Safety Barrier (Type V)	m	54.3
Concrete Safety Barrier (Type V)(Special)	m	98.0
Surface Coating Finish	sq. m.	20,381.8
Median Filler Material	cu. m.	36
Impact Attenuator (QuadQuad)(QS2404Y)	Each	5
Impact Attenuator (QuadQuad)(QS2406Y)	Each	2
Impact Attenuator (QuadQuad)(QS2408Y)	Each	4
Curb and Gutter, Combined (AE)	m	20,800 20,645
Curb, Edge (150mm)(AE)	m	351 359
Sidewalk Construction (100mm)(AE)	sq. m.	2,628 2,409.1
Integrally Colored Concrete Pavement (260mm)	sq. m.	490.3
Integrally Colored Concrete Pavement (200mm)	sq. m.	321.5
Integrally Colored Concrete Pavement (100mm)	sq. m.	19,219 18,976.9
Paving Brick (Crosswalk)	sq. m.	624.3 611.8
Paving Brick (Median)	sq. m.	479.2 500.3
Paving Brick (Parking)	sq. m.	974.9 1,602.3
Adjustment of Manholes	Each	19 13
Plugging Water Wells (Confined)	Each	2 +

See Sheet No. 204 for Recapitulation of Water Main Construction Quantities

See Sheet No. 435 for Recapitulation of Quantities for Bridge No. 54-87-19.05(489) WB & Bridge No. 54-87-19.06(491) EB

See Sheet No. 477 for Recapitulation of Quantities for Bridge No. 54-87-19.32(495) F.WB

See Sheet No. 499 for Recapitulation of Quantities for Bridge No. 54-87-19.30(493) EB & Bridge No. 54-87-19.31(494) WB

See Sheet No. 532 for Recapitulation of Quantities for Bridge No. 54-87-19.29(492) F.EB

See Sheet No. 565 for Recapitulation of Quantities for Bridge No. 54-87-20.13(496) WB & Bridge No. 54-87-20.13(497) EB

See Sheet No. 630 for Recapitulation of Temporary Project Water Pollution Control (Soil Erosion) Quantities

See Sheet No. 654 for Recapitulation of Lighting Quantities

See Sheet No. 656 for Recapitulation of Traffic Signal Quantities (Kellogg and 111th)

See Sheet No. 659 for Recapitulation of Traffic Signal Quantities (Kellogg and Moize)

See Sheet No. 662 for Recapitulation of Traffic Signal Quantities (Kellogg and Tyler)

See Sheet No. 664 for Recapitulation of Traffic Signal Quantities (Tyler and McCormick)

See Sheet No. 722 for Recapitulation of Signing Quantities

See Sheet No. 792 for Recapitulation of Pavement Marking Quantities

See Sheet No. 846 for Recapitulation of Traffic Control Quantities

See Sheet No. 869 for Recapitulation of Irrigation System Quantities

See Sheet No. 872 for Recapitulation of Permanent Seeding Quantities

See Sheet No. 890 for Recapitulation of Plant Material Quantities

See Sheet No. 894A for Recapitulation of Wetland Mitigation Quantities

DSWR: IIM, RCH OPER: SVB SCALE: 1
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CITY OF WICHITA

RECAPITULATION OF QUANTITIES

SEDGWICK COUNTY

Professional Engineering Consultants, P.A.
 303 S. TOPEKA • WICHITA, KANSAS 67202
 316-262-2691 • FAX 316-262-3003

Designed by	RCH	Checked by	RCH
Drawn by	RCH	Date	April, 2002
		Job No.	97362

RECORD DRAWING