STORM SEWER CONDUIT DATA SUMMARY (LINEAL FOOT)

SWS LINE NO.	REINFORCED CONCRETE PIPE							
	18"	24"	30"	36"	42"	48"	5' SF	4X4 RCB
100	—	—	—	756.1	748.0	—	—	762.4
101	—	—	—	—	—	—	—	—
102	—	—	—	101.5	—	—	—	—
103	93.0	—	—	—	—	—	—	—
104	93.0	—	—	—	—	—	—	—
105	93.0	—	—	—	—	—	—	—
106	93.0	—	—	—	—	—	—	—
107	93.0	—	—	—	—	—	—	—
108	—	—	—	92.5	56.5	—	—	—
109	73.0	114.7	—	—	—	—	—	—
110	84.2	—	—	—	—	—	—	—
111	83.2	—	—	—	—	—	—	—
200	430.0	55.2	—	—	—	—	—	—
201	20.0	—	—	—	—	—	—	—
202	82.0	—	—	—	—	—	—	—
300	377.0	65.2	—	—	—	—	—	—
301	20.0	—	—	—	—	—	—	—
302	20.0	—	—	—	—	—	—	—
303	93.0	—	—	—	—	—	—	—
400	65.2	—	—	—	—	—	—	—
401	55.2	—	—	—	—	—	—	—
500	105.5	226.7	30.5	—	—	—	—	—
501	—	45.2	—	—	—	—	—	—
6A	19.2	—	—	—	—	—	—	—
600	—	—	—	22.2	—	19.6	—	—
700	—	440.0	505.0	729.9	—	—	—	—
701	102.6	—	—	—	—	—	—	—
702	93.0	—	—	—	—	—	—	—
703	93.0	—	—	—	—	—	—	—
704	93.0	—	—	—	—	—	—	—
705	93.0	—	—	—	—	—	—	—
706	93.0	—	—	—	—	—	—	—
801	—	34.9	—	—	—	—	—	—
802	—	—	—	—	—	—	80.5	—
900	64.0	260.0	—	—	—	—	1120.6	—
901	81.1	—	—	—	—	—	—	—
902	93.0	—	—	—	—	—	—	—
903	89.8	—	—	—	—	—	—	—
904	65.2	—	—	—	—	—	—	—
10	—	—	—	166.0	—	—	—	—
TOTAL	2953.2	1241.9	535.5	1868.2	804.5	19.6	1201.1	762.4

INLET SUMMARY (EACH)

SWS LINE NO.	CURB INLET TYPE 1					CURB INLET TYPE 22 SPEC.	INLET MH. SPEC.	UNDERDRAIN (L.F.)
	10'x3'	10'x4'	10'x5'	10'x6'	15'x3'			
100	10		3		4	1	2	108
200					3			12
300	4							30
400		2			1			24
500	2	2		1				42
600	1			2				30
6A	1							12
700	12							72
800		1		1				12
900	8	2						60
10	2							12
TOTAL	40	7	3	4	8	1	2	414

MANHOLE SUMMARY (EACH)

SWS LINE NO.	REINF. CONC. MANHOLE		
	LENGTH	WIDTH	QUANTITY
100	6'-6"	6'-6"	4
	6'-0"	6'-0"	1
200	4'-6"	4'-6"	1
	4'-0"	4'-0"	1
300	4'-6"	4'-6"	1
	4'-0"	4'-0"	2
700	5'-3"	5'-3"	5
	4'-6"	4'-6"	2
	6'-0"	6'-0"	1
900	5'-3"	5'-3"	2
	5'-3"	6'-0"	1
TOTAL			21

CONDUIT & SERVICE BOXES

LOCATION	STATION TO STATION		2" RGC CONDUIT (L. F.)	SERVICE BOXES (EACH)
GREENWICH	78+60	84+00	635	4
GREENWICH	84+00	90+50	650	3
GREENWICH	90+50	97+00	650	3
GREENWICH	97+00	103+50	502	4
GREENWICH	103+50	110+00	650	2
GREENWICH	110+00	116+50	650	3
GREENWICH	116+50	123+00	650	3
GREENWICH	123+00	129+50	650	2
GREENWICH	129+50	130+70	120	1
TOTAL			5160	25

RECAPITULATION OF ROAD QUANTITIES

	ITEM	QUANTITY	UNIT
PART A	Mobilization	1	Lump Sum
	Mobilization (DBE)	1	Lump Sum
	Field Office and Lab (Type A)	1	Each
	Clearing Right of Way	1	Lump Sum
	Pavement Removed	30,570	Sq. Yds.
	Excavation	49,417	Cu. Yds.
	Compacted Fill (95% Density)	34,319	Cu. Yds.
	8" Driveway Concrete Pavement (AE)	5,482	Sq. Ft.
	Concrete Pavement (8")(Reinforced)(AE)	5,843	Sq. Yds.
	Concrete Pavement (9")(Reinforced)(AE)	1,205	Sq. Yds.
	Cold Milling Asphalt Pavement	553	Sq. Yds.
	2" AC Surface Course	553	Sq. Yds.
	8" AC Pavement (6" Bit Base)	67,134	Sq. Yds.
	9" AC Pavement (7" Bit Base)	104	Sq. Yds.
	6" AC Temp. Pavement (4" Bit Base) ①	9,300	Sq. Yds.
	5" Reinforced Crushed Rock Base	1,557	Sq. Yds.
	6" Reinforced Crushed Rock Base	82,474	Sq. Yds.
	Underdrain	414	L.F.
	Combined Curb and Gutter (AE) (Type I or Type II)	15,144	L.F.
	Combined Curb and Gutter (AE) (Type III)	13,802	L.F.
	Stamped Concrete Pavement (4")(Colored)(AE)	3,540	Sq. Yds.
	Edge Curb (Monolithic) (6") (AE)	2,801	L.F.
	Concrete Safety Barrier (Type II) (Special)	480	L.F.
	Sidewalk Concrete Pavement (4") (AE)	79,584	Sq. Ft.
	Wheelchair Ramp (Class A)	22	Each
	Wheelchair Ramp (Class B)	40	Each
	Curb Inlet (Type I) (L=10'-0", W=3'-0")	40	Each
	Curb Inlet (Type I) (L=10'-0", W=4'-0")	7	Each
	Curb Inlet (Type I) (L=10'-0", W=5'-0")	3	Each
	Curb Inlet (Type I) (L=10'-0", W=6'-0")	4	Each
	Curb Inlet (Type I) (L=15'-0", W=3'-0")	8	Each
	Curb Inlet (Type 22)(Special)	1	Each
	Inlet – Manhole Special	2	Each
	Reinforced Concrete Manhole	21	Each
	Reinforced Concrete Manhole (Special)	1	Each
	18" Storm Sewer (RCP)	2,954	L.F.
	24" Storm Sewer (RCP)	1,242	L.F.
	30" Storm Sewer (RCP)	536	L.F.
	36" Storm Sewer (RCP)	1,869	L.F.
	42" Storm Sewer (RCP)	805	L.F.
	48" Storm Sewer (RCP)	20	L.F.
	5.0 Sq. Ft. Storm Sewer (HERCP)	1,201	L.F.
	4'x4' RCB	763	L.F.
	Concrete (Grade 4.0) (AE)	260	Cu. Yds.
	Reinforcing Steel (Gr. 60)(Epoxy Coated)	20,120	lbs.
	Bridge Handrail (Steel) (Pedestrian)	85	L.F.
	Seal Course (Granular Base)	18	Cu. Yds.
	Reinforced Concrete Riprap (4")	821	Sq. Yds.
	Class III Excavation	1,162	Cu. Yds.
	Sidewalk (4") (Special)	846	Sq. Ft.
	Flowable Fill	7,494	L.F.
	Manholes Adjusted (incl. new fr & cvr)	5	Each
	Water Valves Adjusted	3	Each
	Sediment Barrier	19,200	L.F.
	Inlet Protection	65	Each
	Temporary Construction Entrance	4	Each
	Landscape	1	Lump Sum
	Traffic Signal Modification	1	Lump Sum
	Signing	1	Lump Sum
	Pavement Marking	1	Lump Sum
	Traffic Control	1	Lump Sum
	2" RGC Electric Conduit	5,160	L.F.
	Electric Service Boxes	25	Each
PART B (NON-PARTICIPATING)	Water Supply Line	1	Lump Sum

See Sh. Nos. 84 & 85 for Concrete Safety Barrier Details.
See Sh. No. 88 for Summary of Retaining Wall Quantities.
See Sh. No. 90 for Summary of SWS Line 101 Quantities.
See Sh. No. 95 for Summary of 9'6"x4' RCB Quantities.
See Sh. No. 98 for Summary of 2-6'x3' RCB Quantities.
See Sh. No. 119 for Landscape Bill of Materials.
See Sh. No. 119 for Summary of Seeding and Sodding Quantities.
See Sh. No. 137 for Traffic Signal Bill of Materials.
See Sh. No. 141 for Summary of Pavement Markings.
See Sh. No. 149 for Sign Assembly Table.
See Sh. Nos. 158, 160, & 161 for List of Traffic Control Devices.

① Bid item for temporary pavement shall include construction of pavement including subgrade preparation and compaction, all costs incurred to properly maintain the temporary pavement while in use, and removal and disposal of temporary pavement when no longer needed.

See Sh. No. 101 for Recapitulation of Quantities for Bridge No. 530400870WBFM30.

No.	Revision	By	Date

GREENWICH ROAD
SUMMARY OF QUANTITIES
RECAPITULATION OF QUANTITIES

JAMES L. ARMOUR, P.E.–CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-84004

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Designed by	JPM, JCP	Job No.	04219	Sht. 114 of 215
Drawn by	JCP, RJM	Date	JANUARY, 2005	

DSNR: OPER: RJM SCALE:
I:/2004/04219/SUMMARY_QUAL_STRM_SWR.DGN 01-18-2005 7:56:57 LAST REV: 01-28-05 BY: RJM