CONCRETE DRIVEWAY 8" (REINF.)

Station	Side	Width	8" Reinf. Valley Gutter (S.Y.)	8" Reinf. Concrete Driveway (S.F.)
106+38.16 (Harry St.)	Rt.	17' b/b	–	576.20
107+10.68 (Harry St.)	Rt.	30' b/b	–	808.80
107+23.18 (Harry St.)	Lt.	30' b/b	–	781.66
107+88.70 (Harry St.)	Rt.	30' b/b	–	1,561.68
111+01.13 (Harry St.)	Lt.	30' b/b	–	1,201.97
50+00.35 (Woodlawn St.)	Lt.	31' b/b	111.06	–
50+98.80 (Woodlawn St.)	Lt.	19' b/b	–	687.77
54+95.50 (Woodlawn St.)	Lt.	30' b/b	–	948.89
55+23.39 (Woodlawn St.)	Rt.	24' b/b	–	1,148.17
56+05.34 (Woodlawn St.)	Rt.	30' b/b	–	1,512.95
56+49.47 (Woodlawn St.)	Lt.	21' b/b	–	773.63
57+75.08 (Woodlawn St.)	Rt.	30' b/b	–	1,111.68
TOTAL			111	11,114

WHEELCHAIR RAMPS w/ DETECTABLE WARNINGS (TYPE A)

	Location	Each
ŧ	Lt. Sta. 108+46.82 (Harry St.)	1
ŧ	Lt. Sta. 53+72.70 (Woodlawn St.)	1
ŧ	Rt. Sta. 53+73.70 (Woodlawn St.)	1
ŧ	Lt. Sta. 109+86.76 (Harry St.)	1
ŧ	Rt. Sta. 109+86.81 (Harry St.)	1
ŧ	Rt. Sta. 52+52.32 (Woodlawn St.)	1
ŧ	Lt. Sta. 52+52.31 (Woodlawn St.)	1
ŧ	Rt. Sta. 108+46.82 (Harry St.)	1
ŧ	TOTAL HSIP	8
	Lt. Sta. 58+24.88 (Woodlawn St.)	1
	Rt. Sta. 58+26.15 (Woodlawn St.)	1
	Lt. Sta. 50+15.83 (Woodlawn St.)	1
	TOTAL	3

4" CONCRETE SIDEWALK

Station to Station	Location	Sq. Ft.
108+44.82 Rt. (Harry St.) to 52+25.21 Lt. (Woodlawn St.)	SW Quad.	214.35
108+38.07 Lt. (Harry St.) to 54+80.76 Lt. (Woodlawn St.)	NW Quad.	716.08
52+40.32 Rt. (Woodlawn St.) to 110+09.66 Rt. (Harry St.)	SE Quad.	231.00
109+69.83 to 109+86.57 (Harry St.)(Lt.)	NE Quad	161.99
50+21.85 to 50+89.09 (Woodlawn)	Lt.	268.50
51+08.70 to 51+46.39 (Woodlawn)	Lt.	187.72
55+10.90 to 56+38.77 (Woodlawn)	Lt.	511.44
58+15.53 to 58+20.20 (Woodlawn)	Rt.	18.69
TOTAL		2,310

COMBINED CURB & GUTTER

Station to Station	Side	Type 1 (Lin. Ft.)	Type 3 (Lin. Ft.)
106+19.98 to 106+88.18 (Harry)	Lt.	72.68	
107+58.25 to 108+50.00 (Harry)	Lt.	91.39	
111+36.20 to 111+50.00 (Harry)	Lt.	13.80	
106+66.61 to 106+75.68 (Harry)	Rt.	9.07	
107+45.68 to 107+53.70 (Harry)	Rt.	8.02	
108+23.70 to 108+50.00 (Harry)	Rt.	26.08	
110+00.00 to 11200.00 (Harry)	Rt.	199.93	
109+94.00 to 111+50.00 (Harry)	℄		312
50+36.98 to 50+70.43 (Woodlawn)	Lt.	33.50	
51+28.30 to 51+50.00 (Woodlawn)	Lt.	21.71	
54+50.00 to 54+60.50 (Woodlawn)	Lt.	10.50	
55+30.50 to 56+18.40 (Woodlawn)	Lt.	87.90	
56+93.39 to 57+00.04 (Woodlawn)	Lt.	6.66	
57+14.04 to 58+11.24 (Woodlawn)	Lt.	97.23	
50+18.16 to 51+50.00 (Woodlawn)	Rt.	131.92	
54+50.00 to 54+91.37 (Woodlawn)	Rt.	41.37	
55+55.39 to 55+70.34 (Woodlawn)	Rt.	14.95	
56+40.34 to 57+00.07 (Woodlawn)	Rt.	59.73	
57+14.07 to 57+40.08 (Woodlawn)	Rt.	26.00	
58+10.08 to 58+11.31 (Woodlawn)	Rt.	1.24	
TOTAL		953.68	312
ŧ 108+50.00 (Harry)(Lt.) to 54+50.00 (Woodlawn)(Lt.)		137.18	
ŧ 108+50.0 (Harry)(Rt.) to 51+50.00 (Woodlawn)(Lt.)		138.49	
ŧ 51+50.00 (Woodlawn)(Rt.) to 110+00.00 (Harry)(Rt.)		151.17	
ŧ 54+50.00 (Woodlawn)(Rt.) to 110+00.00 (Harry)(Lt.)		126.87	
ŧ TOTAL HSIP		553.7	

9" CONCRETE PAVEMENT REINFORCED

Station to Station	Quant. (Sq. Ft.)	Quant. (Sq. Yd.)
ŧ 108+50.00 to 110+00.00 (Harry St.)	10,482.35	1,164.7
ŧ 49+61.16 to 51+50.00 (Woodlawn St.)	7,286.58	809.6
ŧ 51+50.00 to 54+50.00 (Woodlawn St.)	8,125.16	902.8
ŧ TOTAL HSIP	25,894.09	2,877.1
106+09.65 to 108+50.00 (Harry St.)	15,626.96	1,736.3
110+00.00 to 111+50.00 (Harry St.)	9,689.09	1,076.6
TOTAL	25,316.1	2,812.9

BRICK PAVERS (CONCRETE)

Station/Location	Median (Sq. Yd.)	Crosswalk (Sq. Yd.)
ŧ 108+46.82 (Harry St.)		72.28
ŧ 109+86.82 (Harry St.)		86.63
ŧ 52+52.15 (Woodlawn St.)		81.07
ŧ 53+73.41 (Woodlawn St.)		75.93
ŧ TOTAL HSIP		316
109+94 to 111+50 (Harry St.)	104.67	
TOTAL	105	

ŧ For HSIP Funding

RECAPITULATION OF QUANTITIES

Item	Quant. HSIP	Quant. STP	
Field Office & Laboratory (Type A)	1		L.S.
Mobilization	1		L.S.
Mobilization (DBE)	1		L.S.
Site Clearing	1		L.S.
Site Restoration	1		L.S.
Concrete &/or Asphalt Pavement Removed	3,443	6,829	s.y.
Concrete &/or Aph., SW, Dr. &/or Prking Lot Removed		256	s.y.
Removal of Existing Structures	1		LS
Excavation (Common)	1,539	2,686	c.y.
Fill, Compacted (95% Density)	72	133	c.y.
Concrete Pavement 9" (Reinforced)	2,877	2,813	s.y.
Crushed Rock Base 6", Reinforced (RCRB)	3,100	3,758	s.y.
AC Pavement 7" (BM-2)(PG70-28)		3,211	s.y.
Crushed Rock Base 8", Reinforced (RCRB)		3,516	s.y.
AC Pavement 2" Mill & Overlay (BM-2)(PG 70-28)		2,943	s.y.
Concrete Pavement 7" (Reinforced)		105	s.y.
Concrete Driveway 8" (Reinforced) (MQ)		11,114	s.f.
Concrete Pavement (VG) 8" (Reinforced)		111	s.y.
Crushed Rock Base 7", Reinforced		112	s.y.
AC pavement 6" (4" Bit Base) (MQ)		50	s.y.
6" Reinf. Conc (Base Repair) (MQ)		600	s.y.
AC Pavement 6" Temp (4" Bit Base)		100	s.y.
Concrete C&G, Comb. Type 1	554	954	l.f.
Concrete C&G, Comb. Type 3 (Median)		312	l.f.
Concrete Sidewalk 4"		2,310	s.f.
Wheelchair Ramp w/ Detectable Warnings (Type A)	8	3	ea.
Brick Pavers (Concrete), Crosswalk	316		s.y.
Brick Pavers (Concrete), Median		105	s.y.
Concrete Ramp Nose Section (Median)		2	ea.
Inlet Curb (Type I)(L=15', W=3')		1	ea.
Inlet Curb (Type I)(L=15', W=5')		2	ea.
Inlet Hookup		3	ea.
Pipe, SWS 18"		12	l.f.
Pipe, SWS 36"		195	l.f.
MH, Standard SWS (5")		1	ea.
MH Adjust, San. Sewer (Including New Ring & Lid)(MQ)		1	ea.
WM Adjusted (MQ)		7	ea.
Valve Box Adjusted (MQ)		11	ea.
Fire Hydrant Adjustment (MQ)		1	ea.
Sod		1	L.S.
Pavement Markings		1	L.S.
Signing, Kansas (TWORKS) Sign	4		ea.
Signing		1	L.S.
Traffic Control	1		L.S.
BMP, Curb Inlet Protection (MQ)		3	ea.
BMP Erosion Control (MQ)		1,600	L.F.
Transportation of Salvage Material		1	L.S.
Electric Message Board (MQ)	100		Days
Traffic Signalization	1		L.S.
Traffic Signalization – Temporary	1		L.S.

For Street Sign Information, See Sh. No. 43 & 44
For Inlets & Manholes Summary & Recap, See Sh. No. 29
For Traffic Control Summary & Recap, See Sh. No. 41
For Pavement Marking Summary & Recap, See Sh. No. 47
For Signal Quantities, See Sh. No. 50

REVISED

SEAL: KEVIN K. HOLLAND LICENSED 16491 9/8/11 KANSAS PROFESSIONAL ENGINEER

Cook, Flatt & Strobel ENGINEERS, P.A.

CFS PROJECT NO: 10-5048

CITY OF WICHITA, KANSAS

E. HARRY ST. & WOODLAWN ST. INTERSECTION

DATE: 08-01-11 DESIGNED BY: KKH DRAWN BY: BMG CHECKED BY: KWB

SHEET TITLE: SUMMARY OF QUANTITIES

PROJECT NUMBER 87 N-0494-01

FINAL PLANS

SHEET NUMBER: 22 of 69