

CONCRETE SAFETY BARRIER				
LOCATION	STATION TO STATION		SIDE	QUANTITY (L.F.)
Hoover Rd.	125+82.00	128+22.00	Lt.	240.00
Hoover Rd.	125+82.00	128+22.00	Rt.	240.00
Total				480.00

IMPACT ATTENUATOR (TL3)			
LOCATION	STATION	SIDE	QUANTITY (EACH)
Hoover Rd.	125+82.00	Lt.	1
Hoover Rd.	125+82.00	Rt.	1
Hoover Rd.	128+22.00	Lt.	1
Hoover Rd.	128+22.00	Rt.	1
Total			4

PAVEMENT EDGE WEDGE (ROCK)					
LOCATION	STATION TO STATION		SIDE	VOLUME (C.F.)	QUANTITY (TON)
Ramp NS-E	812+14.39	829+84.14	Lt.	3850.76	288.81
Ramp NS-E	812+14.39	833+19.85	Rt.	5341.35	400.60
K-96	833+19.85	842+19.85	Rt.	2111.91	158.39
Ramp E-NS	812+93.20	832+33.07	Lt.	2748.17	206.11
Ramp E-NS	812+93.20	823+10.45	Rt.	3004.32	225.32
Total					1279.24

Quantity calculated using a unit weight of 150 lbs/cf.

CURB AND GUTTER					
LOCATION	STATION TO STATION		SIDE	TYPE I (L.F.)	TYPE I (SPEC.) (L.F.)
Ramp NS-E	811+39.39	813+77.38	Lt.		282.66
Ramp NS-E	811+39.39	812+19.39	Rt.	124.67	
Ramp NS-E	813+77.38	815+33.39	Lt.	156.00	
Ramp E-NS	812+28.73	812+93.20	Lt.	107.43	
Ramp E-NS	812+28.73	812+93.20	Rt.	72.53	
Totals				460.63	282.66

CONCRETE PAVEMENT (9') (REINFORCED)			
LOCATION	STATION TO STATION		QUANTITY (S.Y.)
Ramp NS-E & Hoover Intersection	811+39.39	812+14.39	451.59
Ramp E-NS & Hoover Intersection	812+28.73	812+88.20	307.34
Total			758.93

AGGREGATE DITCH LINING BACKSLOPE					
LOCATION	STATION	SIDE	LENGTH (FT.)	WIDTH (FT.)	QUANTITY (S.Y.)
K-96	832+49.00	Rt.	23.14	5.00	6.94
K-96	836+93.50	Rt.	22.19	5.00	6.66
Total					13.60

Weight of aggregate is based on a standard density of 120 lbs/cf.

2" A.C. PAVEMENT (BM-2, PG 70-28)			
LOCATION	STATION TO STATION		QUANTITY (S.Y.)
37th St.	73+64.44	77+00.00	969.41
37th St.	77+00.00	83+00.00	1733.33
37th St.	83+00.00	89+00.00	1733.33
37th St.	89+00.00	95+00.00	1733.33
37th St.	95+00.00	99+62.67	1336.59
Hoover Rd.	111+27.00	117+00.00	2082.18
Hoover Rd.	117+00.00	123+00.00	2513.11
Hoover Rd.	123+00.00	125+82.00	1190.67
Hoover Rd.	128+22.00	135+00.00	2843.09
Hoover Rd.	135+00.00	138+05.00	1053.84
Total			17188.89

5" A.C. PAVEMENT (BM-2, PG 64-22)			
LOCATION	STATION TO STATION		QUANTITY (S.Y.)
37th St.	73+64.44	77+00.00	969.41
37th St.	77+00.00	83+00.00	1733.33
37th St.	83+00.00	89+00.00	1733.33
37th St.	89+00.00	95+00.00	1733.33
37th St.	95+00.00	99+62.67	1336.59
Hoover Rd.	111+27.00	117+00.00	2082.18
Hoover Rd.	117+00.00	123+00.00	2513.11
Hoover Rd.	123+00.00	125+82.00	1190.67
Hoover Rd.	128+22.00	135+00.00	2843.09
Hoover Rd.	135+00.00	138+05.00	1053.84
Total			17188.89

CONCRETE PAVEMENT 9' (NRDJ)					
LOCATION	STATION TO STATION		SIDE	WIDTH (FT.)	QUANTITY (S.Y.)
Hoover Rd.	125+82.00	128+22.00	Lt.	36.00	960.00
Ramp NS-E	812+14.39	815+33.39	Rt.	16.00	567.11
Ramp NS-E	815+33.39	830+63.37	Rt.	12.00	2039.07
Ramp NS-E	830+63.37	833+19.85	Rt.	Var.	466.75
K-96	833+19.85	839+19.85	Rt.	12.00	783.24
K-96	839+19.85	842+19.85	Rt.	Var.	279.83
Ramp E-NS	812+88.20	815+60.00	Rt.	20.00	603.99
Ramp E-NS	815+60.00	816+80.00	Rt.	Var.	213.33
Ramp E-NS	816+80.00	823+91.73	Rt.	12.00	949.34
Ramp E-NS	823+91.73	832+33.07	Rt.	Var.	1421.81
K-96	819+71.39	823+91.38	Lt.	Var.	280.00
Total					8564.48


REINFORCED CRUSHED ROCK BASE				
LOCATION	STATION TO STATION		8" RCRB QUANTITY (S.Y.)	6" RCRB QUANTITY (S.Y.)
37th St.	73+64.44	77+00.00	1118.55	
37th St.	77+00.00	83+00.00	2000.00	
37th St.	83+00.00	89+00.00	2000.00	
37th St.	89+00.00	95+00.00	2000.00	
37th St.	95+00.00	99+62.67	1542.22	
Hoover Rd.	111+27.00	117+00.00	2336.87	
Hoover Rd.	117+00.00	123+00.00	2739.33	
Hoover Rd.	123+00.00	129+00.00	1680.00	1191.11
Hoover Rd.	129+00.00	135+00.00	3116.43	
Hoover Rd.	135+00.00	138+05.00	1189.46	
Ramp NS-E	811+39.39	812+14.39		544.97
Ramp NS-E	812+14.39	833+19.85		6602.83
K-96	833+19.85	842+19.85		1943.95
Ramp E-NS	812+28.73	812+88.20		373.74
Ramp E-NS	812+88.20	832+33.07		6179.53
K-96	819+71.39	823+10.23		476.96
Totals			19722.86	17313.09

AGGREGATE SHOULDERS			
LOCATION	STATION TO STATION		AS-1 (S.Y.)
37th St.	73+64.44	77+00.00	149.14
37th St.	77+00.00	83+00.00	266.67
37th St.	83+00.00	89+00.00	233.42
37th St.	89+00.00	95+00.00	266.67
37th St.	95+00.00	99+62.67	205.63
Hoover Rd.	111+27.00	117+00.00	186.34
Hoover Rd.	117+00.00	123+00.00	226.22
Hoover Rd.	123+00.00	125+82.00	125.33
Hoover Rd.	128+22.00	135+00.00	273.33
Hoover Rd.	135+00.00	138+05.00	135.62
Total			2068.38

CONCRETE PAVEMENT (9' VARIABLE) (PLAIN)					
LOCATION	STATION TO STATION		SIDE	WIDTH (FT.)	QUANTITY (S.Y.)
Ramp NS-E	812+14.39	815+33.39	Lt.	4.00	141.78
Ramp NS-E	812+14.39	833+19.85	Rt.	8.00	1870.25
Ramp NS-E	815+33.39	829+84.14	Lt.	6.00	965.53
K-96	829+80.12	830+59.58	Rt.	Var.	173.91
K-96	833+19.85	841+97.39	Rt.	8.00	761.17
K-96	841+97.39	842+19.85	Rt.	Var.	22.30
Ramp E-NS	812+88.20	831+82.63	Lt.	8.00	1682.72
Ramp E-NS	812+88.20	823+10.46	Rt.	6.00	680.60
Ramp E-NS	831+82.63	832+33.07	Lt.	Var.	50.06
K-96	819+71.39	823+91.39	Rt.	Var.	404.83
Total					6753.15

A.C. DRIVEWAYS (6')					
LOCATION	STATION	SIDE	RADIUS (FT.)	W (FT.)	QUANTITY (S.Y.)
37th St.	85+31.00	Rt.	25.00	20	225.58
Hoover Rd.	112+10.00	Lt.	25.00	24	209.07
Hoover Rd.	113+71.00	Lt.	25.00	24	203.95
Total					638.60

Plotted By: drp Date: 1/19/2015 4:12:24 PM
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No.	Revision	By	Date
HOOVER ROAD			
SUMMARY OF QUANTITIES			
GARY JANZEN, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84780			
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	JPS	Job No.	08807-001
Drawn by	DRP	Date	Jan., 2015
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