

ADJUSTMENT OF MANHOLES						
ROADWAY	STATION	OFFSET (FT.)	SIDE	FROM ELEVATION	TO ELEVATION	QUANTITY (EACH)
Hoover Rd.	129+33	22.65	Rt.	1333.76	1335.40	1
<i>Total</i>						1

ADJUSTMENT OF WATER VALVE BOXES						
ROADWAY	STATION	OFFSET (FT.)	SIDE	FROM ELEVATION	TO ELEVATION	QUANTITY (EACH)
37th St.	74+41	17.04	Lt.	1332.49	1330.58	1
37th St.	87+31	1.20	Lt.	1334.25	1334.93	1
Hoover Rd.	125+00	35.32	Rt.	1332.18	1331.95	1
Hoover Rd.	125+12	33.66	Rt.	1332.44	1331.93	1
Hoover Rd.	132+36	33.30	Rt.	1333.49	1334.28	1
Hoover Rd.	132+38	33.30	Rt.	1333.46	1334.27	1
<i>Total</i>						6

MAILBOX, REMOVED AND RESET				
ROADWAY	STATION	OFFSET (FT.)	SIDE	QUANTITY (EACH)
Hoover Rd.	111+87	21.00	Lt.	1
<i>Total</i>				1

WOVEN WIRE FENCE (TYPE B)							
LOCATION	STATION TO STATION	SIDE	QUANTITY (L.F.)	POSTS (EA.)			
				CORNER	END	PULL	
Hoover Rd.	117+71.30	120+71.30	Lt.	300	0	2	0
Hoover Rd.	121+61.28	125+62.00	Lt.	407	2	2	1
Hoover Rd.	122+00.00	125+74.11	Rt.	375	1	2	1
Hoover Rd.	128+30.00	128+65.91	Lt.	107	0	2	0
Hoover Rd.	130+33.15	132+81.37	Rt.	250	0	1	0
K-96	811+79.11	842+00.00	Rt.	2972	4	2	9
K-96	813+09.84	833+00.00	Lt.	2007	2	1	6
<i>Totals</i>				6418	9	12	17

PIPE CULVERT SUMMARY																
ROADWAY	STATION	SIDE	TYPE	MATERIAL	SIZE	CROWN GRADE ELEVATION	FLOW LINE		HORIZ. ROADWAY		DEGREE OF ROTATION	PIPE LENGTH		LINEAR FT. OF PIPE	END SECTIONS	
							LT.	RT.	LT.	RT.		LT.	RT.		LT.	RT.
37th St.	79+15	ℓ	CRP	RCP	18"	1332.98	1329.62	1329.49	21.00	21.00	0	21.00	21.00	42	1	1
Hoover Rd.	115+25	ℓ	CRP	RCP	18"	1334.38	1330.98	1330.82	25.00	28.00	0	25.00	28.00	53	1	1
Ramp NS-E	822+50	ℓ	CRP	RCPHE	12.5 sf (60"x38")	1335.51	1329.52	1329.35	35.00	25.00	0	35.00	25.00	60	1	1
K-96	817+99.50	Rt.	CRP Ext. Rt.	CMP	15"	---	---	1330.80	---	145.28	0	---	13.00	13	1	1
K-96	832+49	Rt.	CRP Ext. Rt.	RCP	18"	---	---	1330.70	---	86.31	0	---	6.00	6	1	1
K-96	836+93.50	Rt.	CRP Ext. Rt.	RCP	18"	---	---	1330.15	---	91.09	0	---	4.00	4	1	1
Ramp E-NS	816+00	ℓ	CRP	RCPHE	5.0 sf (38"x24")	1336.83	1332.35	1332.52	25.00	35.00	0	25.00	35.00	60	1	1
Ramp E-NS	821+98	Lt.	CRP Ext. Lt.	RCP	36"	1338.23	1331.15	---	25.76	---	82.6° Lt.	29.00	---	29	1	1
<i>Totals</i>													267	5	7	


SEEDING *	
LOCATION	QUANTITY † (S.Y.)
37th St.	9212.48
Hoover Rd.	10678.14
Ramp NS-E	72176.75
Ramp E-NS	13651.87
<i>Total</i>	105719.23

* Seed shall be a mix of Ryegrass applied at a rate of 50 lbs/acre and Buffalo Grass applied at a rate of 200 lbs/acre.

† Quantities shown For Information Only. The Contractor will be required to seed all non-paved areas disturbed by construction.

SUMMARY OF EARTHWORK QUANTITIES												
STAGE	LOCATION	STATION TO STATION	EXCAVATION (C.Y.)	BORROW EXCAVATION (CONTRACTOR FURNISHED) (C.Y.)	FILL (C.Y.)	FILL (BEHIND CURBS) (C.Y.)	COMPACTION TYPE A (MR-0-5) (C.Y.)	COMPACTION TYPE AA (MR-0-5) (C.Y.)	COMPACTION THRU CUTS (C.Y.)		WASTE (C.Y.)	
									KDOT TYPE AA (MR-0-5) (C.Y.)	COW		
1	37th St.	73+64.44	99+62.67	3737		702					947	2860
2	Hoover Rd.	111+27.00	138+05.00	3112	4533	6081					1346	
2	Ramp NS-E	812+14.39	842+19.85	11571	27719	15	28784	2633	620			
2	Ramp E-NS	812+93.20	832+33.07	4890	1860		4203	1197	900			
<i>Totals</i>			23310	34112	6783	50	32987	3830	1520	2293	2860	

Note: Fill, Backfill Behind Curbs, and Compaction Thru Cuts (COW) are all paid for as "Compacted Fill (95%)". Total Amount = 9,126 CY.
 Note: The bid item for "Excavation" includes Excavation and Compaction Thru Cuts (KDOT). Total Amount = 24,830 CY.

No.	Revision	By	Date
HOOPER 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
			Sh. 66 of 227