

ADJUSTMENT OF VALVE BOXES (WATER)						
ROADWAY	STATION	OFFSET (FT.)	SIDE	FROM ELEVATION	TO ELEVATION	QUANTITY (EACH)
Oliver Ave.	123+69	21	Rt.	1406.57	1406.72	1
Oliver Ave.	123+84	15	Rt.	1406.63	1406.97	1
Oliver Ave.	126+29	20	Rt.	1408.94	1408.77	1
Oliver Ave.	126+32	29	Lf.	1408.43	1409.07	1
<i>Total</i>						4

STORM SEWER CONDUIT DATA SUMMARY (L.F.)							
SWS SYSTEM NO.	RCP					RCPHE	FILL, SAND (FLUSHED & VIBRATED) (L.F.)
	15"	18"	24"	30"	36"	30" X 19"	
100	267.1	290.0	208.1	10.0			775.2
200	86.1	245.0	75.0	109.5	33.1	85.5	601.1
300	218.5		472.0	127.1			817.6
<i>Totals</i>							2193.9


ADJUSTMENT OF METER BOXES (WATER)						
ROADWAY	STATION	OFFSET (FT.)	SIDE	FROM ELEVATION	TO ELEVATION	QUANTITY (EACH)
Oliver Ave.	120+09	31	Lf.	1405.32	1405.30	1
Oliver Ave.	120+36	29	Rt.	1405.91	1405.88	1
Oliver Ave.	120+79	34	Lf.	1405.69	1405.73	1
Oliver Ave.	120+99	29	Rt.	1406.28	1406.45	1
Oliver Ave.	121+54	34	Lf.	1405.94	1406.06	1
Oliver Ave.	121+56	29	Rt.	1406.65	1406.44	1
Oliver Ave.	122+18	28	Rt.	1406.86	1406.68	1
Oliver Ave.	122+67	28	Rt.	1407.03	1406.90	1
<i>Total</i>						8

INLET SUMMARY (EACH)						
SWS SYS. NO.	CURB INLET (TYPE I)					UNDERDRAIN 4" PVC (L.F.)
	5'X3'	5'X4'	10'X3'	10'X4'	15'X3'	
100	3	1	3	1		88
200			7	1		88
300		3	5		2	110
<i>Totals</i>						286

MANHOLE SUMMARY (EACH)			
SWS SYS. NO.	REINF. CONC. MANHOLE		
	LENGTH	WIDTH	QUANTITY
100	4'-0"	4'-0"	1
300	5'-6"	5'-6"	1
<i>Total</i>			2

SUMMARY OF EARTHWORK QUANTITIES												
STAGE	LOCATION	STATION TO STATION	EXCAVATION		BORROW EXCAVATION (CONTRACTOR FURNISHED)		FILL (C.Y.)	FILL (BEHIND CURBS) (C.Y.)	THRU EARTH CUTS		WASTE (C.Y.)	
			(C.Y.)	V.M.F.	(C.Y.)	V.M.F.			EXCAVATION (C.Y.)	FILL (C.Y.)		
1	17th St. North	223+46.00	225+84.50	109	0.80	—	0.80	0	4	41	41	104
2	Oliver Ave.	119+80.00	144+20.00	3423	0.80	—	0.80	1937	134	1603	1603	834*
2A	17th St. North	223+46.00	225+84.50	63	0.80	—	0.80	10	3	57	57	47
2B	17th St. North	223+46.00	225+84.50	45	0.80	69*	0.80	82	9	46	46	—
3	Oliver Ave.	119+80.00	144+20.00	1906	0.80	—	0.80	403	120	1364	1364	1252
<i>Totals</i>				5546		69*		2432	270	3111	3111	2237

Note: Fill, Fill Behind Curbs, and Compaction Thru Cuts are paid for as "Fill, Compacted (95% Density)". Total Amount = 5813 CY.
 * 69 Cu. Yds. to be hauled in from Stage 2 Oliver Ave. Balance Sta. 119+80.00 to Sta. 144+20.00. Paid for as "Excavation".

No.	Revision	By	Date
17TH STREET AND OLIVER INTERSECTION			
SUMMARY OF QUANTITIES			
GARY JANZEN, P.E.—CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-85214			
		PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com	
Designed by	CKC	Job No.	15081
Drawn by	CP, SVB	Date	Dec., 2017
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