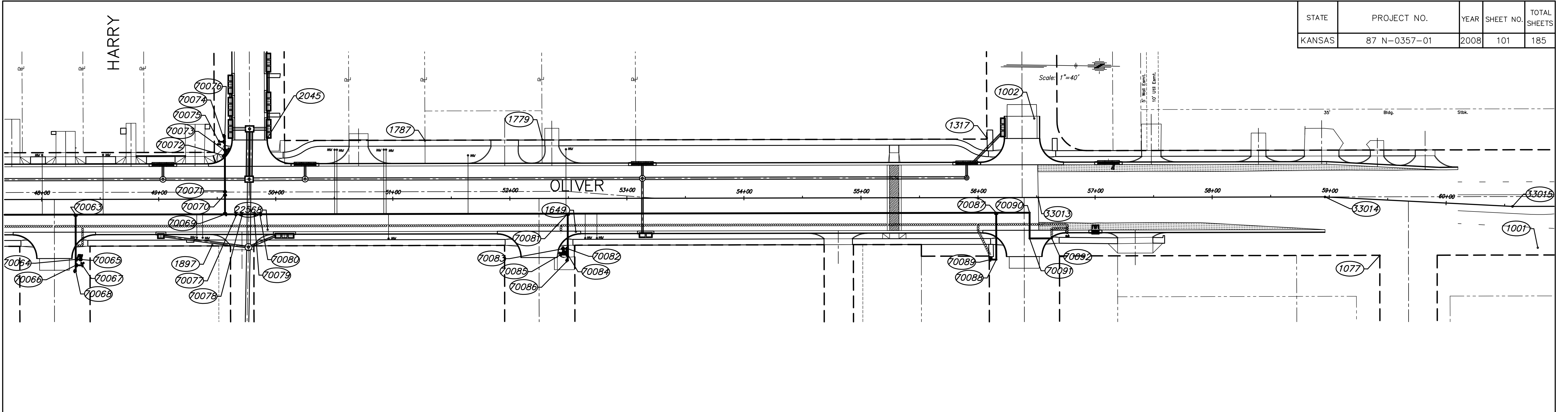


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0357-01	2008	101	185



CONTROL TABLE					
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING	DESC
1	10+01.36/69+98.40	5.60' LT/1.38' LT	1678234.2200	1665529.6600	CALC
26	2+80.30	0.00	1683987.1700	1670704.4000	SD M.H.26
70	50+70.78 (HARRY)	51.10' RT	1678147.3400	1663610.2800	SD M.H.70
102	36+77.09	523.43' RT	1680918.2200	1666022.0900	SDMD
103	30+36.64	577.56' RT	1680278.4600	1666077.9100	SDMD
104	62+99.74	8.42' LT	1683531.4800	1665446.0500	SD 1/2" PEC
202	42+80.45	28.22' LT	1681511.5200	1665453.9100	SDMD
205	22+43.95	34.22' RT	1679477.2300	1665547.2200	SDMD
1000	36+09.02	554.00' RT	1680850.3600	1666048.7300	SD COW DISC
1001	60+78.33	35.38' RT	1683310.8080	1665493.4540	NAIL
1002	56+52.85	67.84' LT	1682883.7930	1665388.7420	BM 8
1077	59+45.57	47.72' RT	1683175.8180	1665502.0850	PKN
1317	56+07.62	50.91' LT	1682838.8430	1665406.4030	SD 5/8" COE/DEKE
1649	52+56.29	28.51' RT	1682488.8560	1665491.5320	NAIL
1787	51+27.55	49.71' LT	1682358.8540	1665415.4090	SD 1/2" BAR
1897	49+45.67	39.29' RT	1682178.4450	1665507.3630	NAIL
2045	49+93.15	52.51' LT	1682224.4250	1665414.8010	BM 7
2320	47+32.01	39.84' LT	1681963.5310	1665431.7170	SD 1" PIPE
2656	43+32.23	56.59' LT	1681561.9830	1665423.2620	BM 6
2758	40+37.66	25.46' RT	1681270.2680	1665516.0950	NAIL
2942	38+12.32	45.00' RT	1681045.0050	1665536.5160	SD 3/4" PIPE
2987	37+04.35	43.57' RT	1680937.5790	1665536.8340	BM 1 CITY
3321	33+70.95	30.64' RT	1680604.0310	1665525.7220	NAIL
3976	19+41.85	28.60' RT	1679175.0750	1665546.4010	NAIL
4404	14+60.42	42.68' LT	1678692.1390	1665483.8600	SD 1/2" SAVOY
4418	13+55.48	43.69' LT	1678587.2030	1665485.6510	SD 1/2" SAVOY
4439	12+54.97	53.98' LT	1678487.0260	1665477.2540	SD 1/2" SAVOY
4444	10+55.02	53.96' LT	1678287.1010	1665480.4540	NAIL
10206	16+10.40	32.26' LT	1678842.7000	1665490.8300	SDMD
10207	11+04.66	58.03' RT	1678338.5200	1665591.6400	SDMD
11123	75+67.41	35.39' RT	1678205.8600	1666099.1490	NAIL
11155	10+85.96	72.56' RT	1678320.0480	1665606.4630	NAIL
11506	9+27.84	79.37' RT	1678161.9290	1665615.6710	NAIL
11692	6+65.32	97.18' RT	1677898.4710	1665637.0180	NAIL
11763	4+12.59	33.79' RT	1677645.6300	1665574.0830	NAIL
11904	5+34.47	68.40' LT	1677767.3300	1665471.6720	NAIL
12168	64+58.27	1.67' RT	1678221.4890	1664989.6710	NAIL
12294	65+98.87	4.91' RT	1678220.7700	1665130.2980	NAIL
12331	67+75.40	57.06' RT	1678171.7900	1665307.7390	NAIL
22518	46+13.02	30.11' RT	1681845.6890	1665503.5900	NAIL
22545	44+55.75	24.72' RT	1681688.3600	1665500.7600	NAIL
22566	71+36.14	76.85' LT	1678311.7260	1665666.2690	NAIL
22568	49+92.98	26.25' RT	1682225.5440	1665493.5580	NAIL
80001	30+13.95	64.88' RT	1680247.6227	1665565.6319	BM 2
80002	20+57.23	65.45' RT	1679291.0352	1665581.4131	BM 3
80003	16+44.38	63.44' LT	1678876.1850	1665459.1000	BM 4

WATER TABLE					
POINT NUMBER	STATION	OFFSET	NORTHING	EASTING	DESC
70063	48+29.00	13.00' RT	1682061.3651	1665462.9728	Tee
70064	48+29.00	51.34' RT	1682061.9888	1665521.3049	FH Assy
70065	48+33.18	51.36' RT	1682066.1734	1665521.2561	FH
70066	48+29.00	56.34' RT	1682062.0702	1665526.3042	Tee
70067	48+34.74	56.36' RT	1682067.8148	1665526.2381	90° Bend
70068	48+29.00	61.34' RT	1682062.1515	1665531.3036	Blowoff
70069	49+56.63	13.00' RT	1682188.9788	1665480.8963	Tee
70070	49+56.63	4.13' LT	1682188.7001	1665463.7686	90° Bend
70071	49+56.63	7.00' LT	1682188.6535	1665460.8990	90° Bend
70072	49+56.63	37.00' LT	1682188.1654	1665430.9029	90° Bend
70073	49+56.63	41.42' LT	1682188.0935	1665426.4835	90° Bend
70074	49+56.63	49.00' LT	1682187.9701	1665418.9045	Tee
70075	49+51.58	49.00' LT	1682182.9248	1665418.9866	90° Bend
70076	49+56.63	54.00' LT	1682187.8888	1665413.9052	Blowoff
70077	49+66.59	13.00' RT	1682198.9330	1665480.7343	45° Bend
70078	49+71.47	13.00' RT	1682203.8124	1665480.6549	45° Bend
70079	49+81.47	13.00' RT	1682213.8110	1665480.4922	45° Bend
70080	49+86.38	13.00' RT	1682218.7204	1665480.4124	45° Bend
70081	52+49.42	13.00' RT	1682481.7311	1665476.1328	Tee
70082	52+49.42	43.00' RT	1682482.2192	1665506.1288	FH Assy
70083	52+45.42	43.00' RT	1682478.2197	1665506.1939	FH
70084	52+49.42	48.00' RT	1682482.3006	1665511.1281	Tee
70085	52+43.56	48.00' RT	1682476.4399	1665511.2235	90° Bend
70086	52+49.42	53.00' RT	1682482.3819	1665516.1275	Blowoff
70087	56+15.48	13.00' RT	1682847.7455	1665470.1771	Tee
70088	56+15.48	53.00' RT	1682848.3963	1665510.1719	90° Bend
70089	56+10.48	53.00' RT	1682843.3948	1665510.2532	90° Bend
70090	56+44.00	13.00' RT	1682876.2574	1665469.7132	90° Bend
70091	56+44.00	35.00' RT	1682876.6154	1665491.7103	90° Bend
70092	56+62.90	35.00' RT	1682895.5148	1665491.4028	Tee
70093	43+27.57	71.64' LT	1681551.6623	1665408.6616	Wtr
70094	43+27.03	71.53' RT	1681562.4878	1665551.4880	Wtr

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KANSAS DEPARTMENT OF TRANSPORTATION

OLIVER IMPROVEMENTS  
WATER BUBBLE MAP

PROJECT NO. 87 N-0357-01 SEDGWICK CO

M K E C ENGINEERING CONSULTANTS, INC.  
WICHITA, KANSAS

DESIGNED BY: LAC	CHECKED BY: JRA
DRAWN BY: WNJ	DATE: 4/07/05 SHEET 101 OF 185