

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	254
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE PIPE DATA

PIPE NUMBER	DIAMETER (mm)	CLASS	TYPE	LENGTH (m)	PIPE SLOPE (%)	TRENCH BACKFILL (m³)	NOTES
029	375	III	2	24.5	1.00%	43.0	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 185.50. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
030	375	III	2	20.2	1.00%	37.3	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 185.65. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
031	300	IV	1	39.8	0.44%	0.0	CONNECT PROP. STORM SEWER TO EXISTING CATCH BASIN AT INV. ELEV. OF 188.828. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
032	375	III	2	24.0	1.00%	44.4	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 185.950. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
033	300	IV	1	51.6	0.44%	0.0	CONNECT PROP. STORM SEWER TO EXISTING CATCH BASIN AT INV. ELEV. OF 189.213. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
034	375	III	2	24.3	1.00%	33.4	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 186.467. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
035	300	IV	1	50.8	0.44%	0.0	CONNECT PROP. STORM SEWER TO EXISTING CATCH BASIN AT INV. ELEV. OF 188.677. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
036	600	III	2	22.2	0.30%	4.7	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE FROM UPSTREAM INV. ELEV. 187.026 TO EXISTING MEDIAN DRAINAGE STRUCTURE AT INV. 186.953. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
037	375	IV	1	28.7	1.41%	10.8	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE FROM UPSTREAM INV. ELEV. 188.670 TO EXISTING MANHOLE ADJACENT TO MEDIAN AT INV. 188.092. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
038	300	III	2	15.7	0.44%	9.9	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 189.250. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
039	300	III	2	19.3	0.44%	49.9	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 190.444. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
040	375	III	2	3.3	0.50%	0.0	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 192.355. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
041	300	III	2	23.6	0.44%	87.6	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 192.355. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE. PIPE UNDER DESIGN
042	300	III	2	37.0	0.44%	98.1	
043	300	III	2	16.9	0.44%	48.3	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 194.475. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
044	300	III	2	9.6	0.44%	27.4	
045	300	III	2	17.2	0.75%	36.2	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE AT INV. ELEV. OF 196.000. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
046	300	III	2	9.9	0.75%	29.1	
047	300	IV	1	4.4	SEE NOTE 1	0.0	CONTRACTOR TO FOLLOW HIGHWAY STD. 609006 FOR INSTALLATION OF PIPE. PIPES ARE TO BE REINFORCED CONCRETE PIPE. COST OF ANY ELBOWS REQUIRED ARE TO BE INCLUDED IN COST OF RCP.
048	300	IV	1	16.2	SEE NOTE 1	0.0	CONTRACTOR TO FOLLOW HIGHWAY STD. 609006 FOR INSTALLATION OF PIPE. PIPES ARE TO BE REINFORCED CONCRETE PIPE. COST OF ANY ELBOWS REQUIRED ARE TO BE INCLUDED IN COST OF RCP.
049	300	IV	1	7.1	SEE NOTE 1	0.0	CONTRACTOR TO FOLLOW HIGHWAY STD. 609006 FOR INSTALLATION OF PIPE. PIPES ARE TO BE REINFORCED CONCRETE PIPE. COST OF ANY ELBOWS REQUIRED ARE TO BE INCLUDED IN COST OF RCP.
050	600	III	2	7.1	0.41%	0.0	
051	300	III	2	13.6	0.44%	39.3	
052	600	III	2	49.9	0.30%	0.0	
053	300	III	2	0.4	0.44%	0.9	
054	300	III	2	11.8	0.44%	29.4	
055	600	III	2	27.8	0.25%	0.0	
056	600	III	2	11.8	0.20%	23.4	
057	600	III	2	22.6	0.15%	4.0	

NOTES:

- RCP FROM INLET BOX TYPE B TO HAVE SAME SLOPE AS ROADWAY FORESLOPE. WHEN ROADWAY FORESLOPE IS VARYING, AS SEEN IN CROSS SECTIONS, CONTRACTOR TO USE SLOPE THAT IS APPROPRIATE TO ALLOW CONNECTION TO PROPOSED INVERT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES
I-94/IL-394 SOUTH BOUND
SCHEDULE OF QUANTITIES

HORIZ SCALE:
VERT SCALE:
DATE: JULY 18, 2005

DRAWN BY: JPH
CHECKED BY: MAM

HNTB