

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	255
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 (m ³)	NOTES
058	300	IV	1	45.1	0.60%	0.0	
059	300	IV	1	0.7	0.44%	0.4	
060	300	IV	1	74.6	0.44%	0.0	
061	300	IV	1	0.8	0.44%	0.3	
062	600			57.4	0.25%	0.0	600mm TYPE 1 RCCP PIPE CULVERT WITH 600mm CAST IN PLACE CONCRETE HEADWALL TO BE PAID FOR AS TOLLWAY QUANTITY.
063	600	III	2	13.6	0.10%	0.0	CONNECT PROPOSED STORM SEWER TO EXISTING MANHOLE PLACED IN CONTRACT 62103 AT INV. ELEV. OF 180.386. WORK TO BE PAID FOR AS PROP. STORM SEWER CONNECTION TO EXISTING MANHOLE.
064	300	III	2	1.2	0.44%	0.0	
065	300	III	2	2.7	0.44%	0.0	
066	300	IV	1	3.9	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.

SLOTTED DRAIN SCHEDULE

PIPE NUMBER	DIAMETER (mm)	SLOT HEIGHT (mm)	LENGTH (m)	SLOTTED DRAIN SLOPE	COMMENTS
SD1	300	VARIABLE	36.95	2.46%	SLOTTED DRAIN TO RUN FROM STRUCTURE 044 TO 045
SD2	300	VARIABLE	43.75	1.97%	SLOTTED DRAIN TO RUN FROM STRUCTURE 045 TO 047
SD3	300	VARIABLE	36.62	1.50%	SLOTTED DRAIN TO RUN FROM STRUCTURE 047 NORTH TO INVERT OF 199.165
SD4	300	VARIABLE	43.41	0.40%	SLOTTED DRAIN TO RUN FROM STRUCTURE 057 SOUTH TO INVERT OF 184.505
SD5	300	VARIABLE	50.42	0.34%	SLOTTED DRAIN TO RUN FROM STRUCTURE 057 TO 060
SD6	300	VARIABLE	28.09	0.36%	SLOTTED DRAIN TO RUN FROM STRUCTURE 060 TO 062

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.
- REFER TO SLOTTED DRAIN DETAIL FOR CONSTRUCTION AND PLACEMENT OF SLOTTED DRAIN

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