

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	251
STA.		TO STA.		
FED ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE DATA

STRUCTURE NUMBER	STATION	OFFSET	LT / RT	TYPE	INSIDE DIAMETER (METER)	LID/FRAME AND GRATE TYPE	RIM ELEVATION	INVERT ELEVATION				COMMENTS
								N	S	E	W	
027	19+750.0	23.0	R	CB SP	1.2 x 0.9	T20	183.01			180.994	180.994	☉ I-94 STATIONING
028	19+823.8	23.4	R	CB SP	1.2 x 0.9	T20	182.71			180.831		☉ I-94 STATIONING
029	19+859.95	27.3	R	CB TYP C	0.6	T8	181.96			180.722		☉ I-94 STATIONING
030	19+859.9	24.3	R	CB SP	1.2 x 1.5	T22	182.61			180.683	180.713	☉ I-94 STATIONING
031	19+930.0	25.1	R	CB SP	1.2 x 0.9	T20	182.81			180.546		☉ I-94 STATIONING
032	38+539.0	32.0	L	CB TYP A	1.2	T8	187.50			185.745		
033	38+742.6	27.5	L	CB TYP A	1.2	T8	187.99			186.020		
034	38+905.5	0		CB TYP C	0.6	T8	189.65	189.000				
035	38+946.2	31.5	L	CB TYP A	1.2	T8	188.10			186.190		
036	39+095.6	0		CB TYP C	0.6	T8	190.09	189.440				
037	39+148.1	31.7	L	CB TYP A	1.2	T8	188.28			186.710		
038	39+275.7	0		CB TYP C	0.6	T8	189.55	188.900				
039	NOT USED											
040	39+406.4	22.9	L	CB SP	1.2 x 0.9	T20	191.27			189.581		
041	39+475.0	24.0	L	CB SP	1.2 x 0.9	T20	193.61			190.527		
042	39+542.9	0		CB TYP C	0.6	T8	194.76	192.371				
043	39+547.5	25.3	L	CB SP	1.2 x 0.9	T20	195.88			192.459		
044	39+602.6	15.5	L	CB TYP A	1.2	TIF OL	197.30	195.163				N = 186.846 (SLOTTED DRAIN INVERT)
045	39+640.2	15.8	L	CB TYP A	1.2	TIF OL	198.21	197.755	195.000	194.549	195.500	S = 197.755 (SLOTTED DRAIN INVERT). NORTH INVERT FOR SLOTTED DRAIN.
046	39+641.5	27.0	L	CB SP	1.2 x 0.9	T20	198.47			195.542		
047	39+685.0	16.3	L	CB TYP A	1.2	TIF OL	199.07	198.616	198.615	196.129	196.279	NORTH AND SOUTH INVERTS FOR SLOTTED DRAIN
048	39+684.2	27.8	L	CB SP	1.2 x 0.9	T20	199.33			196.353		
049	39+795.4	0.6	R	PRC FES	0.3	---	199.36					CATCH BASIN AND DITCH CURRENTLY UNDER DESIGN
050	39+795.4	4.9	L	INL BOX TYP. D	1.83	CAST GRATE	199.59					REFER TO HIGHWAY STANDARD 609006 FOR CONSTRUCTION DETAILS
051	440+114.2	13.7	L	INL BOX TYP. D	1.83	CAST GRATE	193.33					☉ IL 394 SB STATIONING. REFER TO HIGHWAY STAND. 609006 FOR CONST. DETAILS
052	440+141.2	30.3	L	PRC FES	0.3	---	---			187.000		☉ IL 394 SB STATIONING
053	440+508.4	13.3	L	INL BOX TYP. D	1.83	CAST GRATE	187.16					☉ IL 394 SB STATIONING. REFER TO HIGHWAY STAND. 609006 FOR CONST. DETAILS

NOTES:

- ALL STATIONING OFF OF ☉ IL 394 UNLESS OTHERWISE NOTED
- REFER TO DRAINAGE STRUCTURE PLACEMENT DETAIL FOR LOCATIONS OF DRAINAGE STRUCTURES ALONG BARRIER WALLS
- RIM ELEVATIONS FOR ALL FLARED END SECTIONS (FES) ARE GIVEN AT THE INVERT ELEVATION
- STATION AND OFFSETS FOR ALL FLARED END SECTIONS ARE GIVEN AT PIPE END CONNECTION
- REFER TO DISTRICT ONE STANDARD CS-7 AND CS-8 FOR CONSTRUCTION OF CATCH BASIN SPECIAL, LOCATED AT BARRIER WALLS

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