

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	136	305
STA. 39+150.000		TO STA. 39+500.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE STRUCTURE TABLE

#	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.	
101	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+172.578 (WM), 0.431m LT.	206.2 ±	205.100	
102	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+172.564 (WM), 4.028m RT.	206.4 ±	205.068 (EX.), 205.100 (NE)	CONST. OVER EX. SEWER
103	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+172.600 (WM), 15.950m RT.	206.4 ±	205.021 (EX.), 204.500 (SW)	
104	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+172.632 (WM), 21.124m RT.	206.0	204.600 (NW), 204.300(SE,NE)	
105	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+233.266 (WM), 15.871m RT.	205.2 ±	203.600	
106	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+233.266 (WM), 21.124m RT.	204.8	203.100(NW,SE), 203.400 (NE)	
107	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+289.922 (WM), 1.949m LT.	204.0	202.900	
108	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+293.489 (WM), 4.388m LT.	203.8 ±	202.900	
109	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+293.800 (WM), 0.212m RT.	203.8 ±	MATCH EXISTING	CONST. OVER EX. SEWER
110	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+294.364 (WM), 15.944m RT.	204.0 ±	MATCH EXISTING	CONST. OVER EX. SEWER
111	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+294.558 (WM), 21.124m RT.	202.9	201.500	
112	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+383.296 (WM), 4.071m LT.	201.4 ±	DETERMINE IN FIELD	
113	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+385.780 (WM), 2.912m LT.	201.4 ±	MATCH EXISTING	CONST. OVER EX. SEWER
114	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+386.305 (WM), 18.138m RT.	200.6 ±	DETERMINE IN FIELD	CONST. OVER EX. SEWER
115	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+382.798 (WM), 26.067m RT.	200.6	199.500	
116	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	39+391.609 (WM), 25.653m RT.	200.5 ±	199.217 (NW, EX.)	
117	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+357.860 (WM), 42.278m RT.	202.0 ±	201.000	CONST. OVER EX. SEWER
118	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+366.629 (WM), 53.805m RT.	202.0	200.400	
119	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+373.565 (WM), 62.995m RT.	201.4 ±	200.319 (NE,EX. SW,EX. NE)	
120	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+370.680 (WM), 48.520m RT.	201.4 ±	200.500	
121	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+396.078 (WM), 72.915m RT.	201.37 ±	200.550	
122	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+409.034 (WM), 40.840m LT.	199.5 ±	198.100	
123	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+408.292 (WM), 27.600m LT.	200.0 ±	197.600 (NE), 197.100 (EX)	
124	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+447.230 (WM), 21.486m RT.	199.6 ±	197.682	

DRAINAGE PIPE TABLE

#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
101	A	1	300mm	4.4m	205.100	205.068	0.72%	0.0	
103	A	2	600mm	5.1m	204.500	204.300	3.92%	0.0	
104	A	2	600mm	60.8m	204.300	203.100	1.97%	0.0	
105	A	2	300mm	5.0m	203.600	203.400	4.00%	0.0	
106	A	2	600mm	61.5m	203.100	201.500	2.60%	0.0	
107	A	2	300mm	2.8m	202.900	202.6	10.71%	0.0	
108	A	2	300mm	4.2m	202.900	202.6	7.14%	0.0	
110	A	2	600mm	5.1m	DETERMINE IN FIELD	201.500	DETERMINE IN FIELD	0.0	
111	A	2	600mm	88.7m	201.500	199.500	2.25%	0.0	
112	A	2	300mm	2.7m	DETERMINE IN FIELD	DETERMINE IN FIELD	DETERMINE IN FIELD	0.0	
114	A	2	600mm	8.6m	DETERMINE IN FIELD	199.400	DETERMINE IN FIELD	0.0	
115	A	2	600mm	8.8m	199.500	199.317	2.07%	0.0	
117	A	1	375mm	14.5m	201.000	200.400	4.13%	0.0	
118	A	1	375mm	11.2m	200.400	200.319	0.72%	0.0	
120	A	1	300mm	6.6m	200.500	200.400	1.51%	0.0	
121	A	1	300mm	3.6m	200.550	200.514	1.00%	1.2	CONNECT TO EX. STR.
122	A	2	300mm	13.2m	198.100	197.600	3.78%	0.0	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
FAI ROUTE 74 (I-74) (WB)
STA. 39+150.000 - STA. 39+500.000



DRAWN BY CADD
DATE 11/12/04
CHECKED BY KJW