F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	307
STA. 39+500.000		TO STA. 39+850.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DRAINAGE STRUCTURE TABLE

#	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.	COMMENTS
125	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+525.718 (WM), 15.681m RT.	197.7 ±	195.750	
126	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+525.732 (WM), 19.491m RT.	197.5 ±	195.359 (EX.), 195.650 (NE)	CONST. OVER EX. SEWER, FIELD VERIFY EX. INV.
127	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+539.612 (WM), 3.570m RT.	197.4 ±	DETERMINE IN FIELD	
128	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+536.019 (WM), 2.142m RT.	197.3 ±	DETERMINE IN FIELD	CONST. OVER EX. SEWER
129	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+536.358 (WM), 16.431m LT.	197.3 ±	196.1	CONST. OVER EX. SEWER
130	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+591.805 (WM), 15.621m RT.	196.2	194.600	
131	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+591.805 (WM), 18.603m RT.	195.8	194.500 (NE), 193.410 (EX.)	CONST. OVER EX. SEWER, FIELD VERIFY EX. INV.
132	END SECTION	1.2m	ON GRADE	-	39+601.589 (WM), 18.563m RT.	-	194.800	
133	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+619.978 (WM), 2.745m LT.	195.6	194.400	
134	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+619.865 (WM), 4.102m RT.	195.6	194.400	
135	END SECTION	1.2m	ON GRADE	-	39+647.595 (WM), 20.495m RT.	-	194.200	
136	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+666.663 (WM), 15.621m RT.	195.4	194.200	
137	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	39+666.623 (WM), 19.760m RT.	195.500	194.100 (NE), 193.500 (NW), 192.900 (SE)	
138	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+746.444 (WM), 16.196m RT.	195.2	193.500	
139	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	39+741.444 (WM), 20.988m RT.	195.000	192.900 (NE), 192.000 (NW), 191.400 (SE)	
140	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+816.252 (WM), 16.196m RT.	195.000	192.800	
141	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	39+816.252 (WM), 21.000m RT.	194.000	192.600 (NE), 190.500 (NW), 189.900 (SE)	
142	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+741.823 (WAR), 0.000m RT.	194.4	193.200	
142A	END SECTION	375mm	ON GRADE	-	10+995.716 (B3), 26.848m RT.	-	191.250	

DRAINAGE PIPE TABLE

#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
125	A	2	300mm	3.8m	195.750	195.650	2.63%	0.0	
127	A	2	300mm	3.8m	DETERMINE IN FIELD	DETERMINE IN FIELD	-	0.0	
129	A	2	450mm	5.9m	196.1	194.403	28.76%	0.0	
130	A	2	300mm	2.9m	194.600	194.500	3.44%	0.0	
132	A	2	1.2m	5.8m	194.800	193.030	30.51%	0.0	
133	A	2	300mm	2.0m	194.400	DETERMINE IN FIELD	-	0.0	
134	A	2	300mm	2.0m	194.400	DETERMINE IN FIELD	-	0.0	
135	A	2	1.2m	17.9m	194.200	193.500	3.91%	0.0	
136	A	2	300mm	3.9m	194.200	194.100	2.56%	0.0	
137	A	2	1.2m	75.0m	192.900	192.000	1.20%	0.0	
138	A	2	300mm	4.5m	193.500	192.900	13.33%	0.0	
139	A	2	1.2m	75.0m	191.400	190.500	1.20%	0.0	
140	A	2	300mm	4.5m	192.800	192.600	4.44%	0.0	
141	A	2	1.2m	91.0m	188.000	186.900	1.20%	0.0	CONN. TO PR. CULVERT
142	A	2	300mm	140.5m	193.200	191.000	1.56%	0.0	
142A	A	2	375mm	12.5m	192.430	191.250	9.44%	0.0	

PARSONS TRANSPORTATION GROUP
Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN

FAI ROUTE 74 (I-74) (WB)

STA. 39+500.000 - STA. 39+850.000

DRAWN BY CADD

DATE 11/12/04 CHECKED BY KJW

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