

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	311
STA. 40+175.000		TO STA. 40+500.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE TABLE

④	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.	COMMENTS
159	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	10+095.176 (B6), 2.850m RT.	193.014	192.000	
160	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+099.670 (B6), 2.850m RT.	193.009	191.800 (N,S), 191.725 (E)	
161	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	10+104.170 (B6), 2.850m RT.	193.014	192.000	
162	END SECTION	375mm	ON GRADE	-	10+100.220 (B6), 13.137m LT.	-	191.440	
163	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	40+224.999 (WM), 0.000m RT.	193.750	192.000	
164	END SECTION	300mm	ON GRADE	-	40+224.876 (WM), 26.442m RT.	-	191.400	
165	END SECTION	525mm	ON GRADE	-	10+116.920 (B6), 38.137m LT.	-	191.000	
166	MH, TY A	1.2m	ON GRADE	TYPE 1, CLOSED	10+028.500 (B4), 17.856m LT.	192.250	190.625	
167	DS, TY 1	-	ON GRADE	TYPE 20	10+615.569 (B5), 7.044m LT.	197.323 (B3) 197.323 (B5)	194.100	
168	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+164.833 (B6), 2.850m RT.	194.255	193.000 (NW), 192.925 (E)	
169	END SECTION	300mm	ON GRADE	-	10+132.883 (B6), 16.738m LT.	-	192.000	
170	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+114.791 (B4), 7.385m LT.	195.306	193.484 (N), 191.500 (S)	
170A	INLET, TY A	0.6m	ON GRADE	TYPE 1, OPEN	10+114.789 (B4), 6.700m LT.	194.286	193.504	
171	INLET, TY A	0.6m	ON GRADE	TYPE 1, OPEN	10+975.000 (B1), 23.000m RT.	191.500	190.800	
172	INLET, TY A	0.6m	ON GRADE	TYPE 1, OPEN	10+643.292 (B5), 9.750m RT.	194.000	193.250	CONST. OVER EX. S.S.
173	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+725.124 (B5), 2.400m RT.	193.533	193.300	
174	DS, TY 1	-	ON GRADE	TYPE 20	10+670.294 (B5), 7.044m LT.	195.667 (B3) 195.537 (B5)	192.937 (E,W), 193.162 (N,S,NE)	CONST. OVER EX. S.S.
175	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	11+016.065 (B1), 8.000m RT.	194.016	192.208 (EX.), 190.830 (NW,E), 190.530 (NE,SE)	CONST. OVER EX. S.S.
176	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	11+020.638 (B1), 18.628m RT.	193.401	192.111 (EX.), 191.100 (PR.)	CONST. OVER EX. S.S.
177	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	11+019.625 (B1), 16.406m RT.	192.500	191.100 (E), 191.000 (W)	
178	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	11+053.266 (B1), 12.381m RT.	192.300	190.390	
180	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	11+091.220 (B1), 10.703m RT.	192.200	190.250	
182	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	40+342.443 (WM), 24.035m RT.	192.200	189.719	
186	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	40+497.500 (WM), 19.951m RT.	192.500	190.823 (NE), 188.400 (NW), 188.169 (N), 188.019 (S)	CONST. OVER EX. S.S.

DRAINAGE PIPE TABLE

④	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
159	A	1	300mm	4.5m	192.000	191.800	4.44%	1.2	
160	A	1	375mm	15.5m	191.725	191.440	1.83%	6.7	
161	A	1	300mm	4.5m	192.000	191.800	4.44%	1.2	
163	A	2	300mm	26.4m	192.000	191.400	2.27%	21.0	14.8m JACKED IN PLACE
165	A	2	525mm	29.5m	191.000	190.625	1.27%	30.5	
167	A	1	300mm	74.0m	196.100	193.162	3.97%	64.7	
168	A	1	300mm	36.5m	192.925	192.000	2.54%	14.4	
170	A	2	300mm	15.0m	191.500	190.830	4.46%	38.4	
170A	A	2	300mm	1.0m	193.504	193.484	2.00%	0.0	
171	A	1	300mm	38.0m	191.800	190.530	0.71%	0.0	
172	A	2	300mm	36.7m	193.250	193.162	0.24%	42.7	
173	A	1	300mm	55.5m	193.300	193.162	0.24%	48.5	
175	A	2	600mm	31.0m	190.530	190.390	0.45%	0.0	
176	A	2	300mm	2.0m	191.100	191.000	5.00%	0.0	
177	A	2	300mm	8.5m	191.000	190.830	2.00%	0.0	
178	A	2	600mm	30.1m	190.390	190.250	0.46%	0.0	
179	A	2	525mm	26.5m	190.625	190.250	1.41%	39.7	
180	A	2	600mm	53.1m	190.250	189.719	1.00%	0.0	
182	A	2	600mm	155.0m	189.719	188.168	1.00%	0.0	
185	A	2	375mm	17.0m	189.980	188.013	9.29%	0.0	CONN. TO EX. STR.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
FAI ROUTE 74 (I-74) (WB)
STA. 40+175.000 - STA. 40+500.000
DRAWN BY CADD
CHECKED BY KJW
DATE 11/12/04

