F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1260	294
STA. 143+300.000		TO STA. 143+650.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID. PROJECT	

DRAINAGE STRUCTURE TABLE

#	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.
16	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+904.084 (B5), 2.822m RT.	193.207	192.000
17	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	143+326.144 (WB), 10.545m LT.	193.355	191.700
18	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	143+394.561 (WB), 14.352m LT.	192.000	190.100 (SW, NW), 190.375 (NE)
19	INLET, TY B	0.9m	ON GRADE	TYPE 9	10+855.880 (B5), 2.850m RT.	192.405	191.300
20	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+799.000 (B5), 7.153m LT.	192.110	190.500 (NE), 190.425 (NW), 190.275 (SE)
21	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+801.000 (B5), 2.850m RT.	191.688	190.600
22	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	10+806.000 (B5), 2.850m RT.	191.708	190.700
23	END SECTION	525mm	ON GRADE	-	10+775.000 (B5), 13.000m LT.	-	191.400
24	SHOULDER INLET WITH CURB	TYPE E	ON GRADE	-	10+384.570 (A3), 1.850m RT.	196.988	196.388
25	END SECTION	300mm	ON GRADE	-	10+775.869 (B5), 14.968m LT.	-	191.600
26	INLET, TY A	0.6m	ON GRADE	TYPE 9	10+369.652 (B3), 2.850m RT.	193.214	192.500
27	END SECTION	300mm	ON GRADE	-	10+369.685 (B3), 11.381m LT.	-	192.500
28	INLET, TY A	0.6m	ON GRADE	TYPE 9	10+317.792 (B3), 2.850m LT.	191.438	190.800
29	END SECTION	300mm	ON GRADE	-	10+316.140 (B3), 11.291m LT.	-	190.700
30	SHOULDER INLET WITH CURB	TYPE E	ON GRADE	-	10+361.991 (A3), 6.089m LT.	195.490	194.890
31	MH, TY A	1.2m	ON GRADE	TYPE 9	143+464.978 (WB), 10.690m LT.	191.902	190.700
33	DS, TY 1	-	ON GRADE	TYPE 20	10+195.742 (B4), 7.040m LT.	195.938 (B4) 196.214 (B1)	194.825
34	END SECTION	375mm	ON GRADE	-	10+946.000 (B1), 19.550m RT.	-	191.900
36	DS, TY 1		ON GRADE	TYPE 20	10+270.733 (B3), 6.910m LT.	197.379 (B1) 197.302 (B4)	195.900
37	END SECTION	300mm	ON GRADE	-	10+700.000 (B2), 14.672m RT.	-	193.150
40	INLET, TY B	0.9m	ON GRADE	TYPE 9	10+252.828 (B3), 2.840m RT.	190.412	189.277
41	MH, TY A	1.2m	ON GRADE	TYPE 9	10+258.692 (B3), 2.840m RT.	190.402	189.227
42	MH, TY A	1.2m	ON GRADE	TYPE 9	10+264.370 (B3), 2.840m RT.	190.412	189.177
43	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+277.084 (B3), 10.481m LT.	190.450	189.100
44	MH, TY A	1.2m	ON GRADE	TYPE 9	10+537.440 (WB), 10.650m LT.	191.226	189.000
45	INLET, TY B	0.9m	ON GRADE	TYPE 9	10+191.416 (B3), 2.850m RT.	191.272	190.100
46	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+190.995 (B3), 8.037m LT.	191.356 (B3)	189.700
46A	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+191.003 (B3), 9.037m LT.	190.780 (A3)	189.600
47	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	143+610.884 (WB), 11.532m LT.	190.678	189.200
48	DS, TY 1	-	ON GRADE	TYPE 20	143+614.367 (WB), 3.500m RT.	191.386 (B3) 190.735 (A3)	188.700 (N) 188.580 (EX.)
49	END SECTION	600mm	ON GRADE	-	143+592.422 (WB), 27.042m RT.	-	189.950
50	MH, TY A	1.2m	ON GRADE	TYPE 1, CLOSED	143+595.774 (WB), 23.187m RT.	189.970	188.910
51	MH, TY A	1.2m	ON GRADE	TYPE 1, CLOSED	143+630.626 (WB), 23.050m RT.	189.640	188.611
52	END SECTION	600mm	ON GRADE	-	143+642.220 (WB), 27.451m RT.	-	189.500
53	DS, TY 1	-	ON GRADE	TYPE 20	10+434.926 (B4), 7.035m LT.	196.375 (B4) 196.375 (B1)	195.200
54	END SECTION	300mm	ON GRADE	-	10+434.808 (B4), 7.880m RT.	-	194.500
55	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	143+647.000 (WB), 9.644m LT.	190.277	189.100

DRAINAGE PIPE TABLE

#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
16	A	1	300mm	9.2m	192.000	191.700	3.26%	4.9	
17	A	2	300mm	13.0m	191.700	191.300	3.07%	9.7	
18	A	2	600mm	16.7m	190.100	189.900	1.19%	28.7	
19	A	1	300mm	24.2m	191.300	190.375	3.82%	11.2	
20	A	2	600mm	39.7m	190.275	190.100	0.44%	0.0	
21	A	1	300mm	10.0m	190.600	190.500	1.00%	1.5	
21A	B	1	150mm	10.0m	192.976	190.500	24.76%	0.0	PVC PIPE, CONN. TO MSE WALL UNDERDRAIN
22	A	1	300mm	4.7m	190.700	190.600	2.12%	4.9	
23	A	2	525mm	28.3m	191.400	190.425	3.44%	0.0	
24	A	2	300mm	24.6m	196.388	191.600	19.46%	0.0	
26	A	1	300mm	14.2m	192.600	192.500	0.70%	2.2	
28	A	1	300mm	14.2	190.800	190.700	0.70%	2.2	
30	A	2	300mm	11.2m	194.890	190.700	37.41%	0.0	
30A	B	1	150mm	11.2m	194.046	190.700	29.87%	0.0	PVC PIPE, CONN. TO MSE WALL UNDERDRAIN
31	A	1	300mm	13.2m	190.700	190.500	1.51%	4.2	
33	A	2	300mm	26.5m	194.825	191.900	11.0%	78.5	
36	A	2	300mm	36.5m	195.900	193.125	7.60%	43.3	
40	A	1	300mm	5.5m	189.277	189.227	0.87%	1.7	
41	A	1	300mm	5.5m	189.227	189.177	0.90%	1.7	
42	A	1	300mm	18.6m	189.177	189.100	0.41%	8.8	
43	A	2	300mm	29.1m	189.100	189.000	0.34%	21.4	
44	A	2	375mm	13.5m	189.000	188.900	0.74%	27.1	
45	A	1	300mm	10.6m	190.100	189.700	3.77%	8.4	
46	A	1	300mm	1.0m	189.700	189.600	10.00%	0.0	
46A	A	1	300mm	10.2m	189.700	189.200	3.92%	5.0	
47	A	2	300mm	14.2m	189.200	188.700	3.52%	14.2	
48	A	2	600mm	4.5m	188.950	188.910	0.88%	0.0	
49	A	2	600mm	33.5m	188.910	188.611	0.88%	0.0	
50	A	2	600mm	12.5m	188.611	188.500	0.88%	0.0	
53	A	1	300mm	13.7m	195.200	194.500	5.10%	6.7	
55	A	1	300mm	36.4m	189.100	187.700	3.84%	64.0	

PARSONS TRANSPORTATION GROUP
Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN

FAI ROUTE 74 (I-74) (WB)

STA. 143+300.000 - STA. 143+650.000

DRAWN BY CADD

DATE 11/12/04 CHECKED BY KJW

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