

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GRCDT	10-00046-00-BT	MASSAC	36	8
FROM STA. 999+98		TO STA. 1216+44		
FEDERAL PROJECT NO. 1E-0009(121)			CONTRACT NO. 99429	

NOTE:
 ALL COORDINATES GIVEN ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE
 ALL ELEVATIONS GIVEN ARE BASED ON USGS - 0022 BRASS CAP ELEV. 339.890'

GEOMETRIC CONTROL POINTS			
POINT	DESCRIPTION	NORTHING	EASTING
59	START PH 2 LEG 1	172900.694	892176.229
61	P.I. CURVE 01	170558.898	892172.492
1449	END OF STRAW. RD	170454.214	897589.840
1439	P.I. CURVE 05	167702.479	897577.396
1443	P.I. CURVE 06	167164.355	897683.516
86	P.I. CURVE 07	166573.528	897646.678

SURVEY CONTROL POINTS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	174328.447	873007.181	339.89	USGS-0022/BRASS
2	174266.543	872867.810	339.60	GPS-0023/CAP
60	171837.565	892175.338	338.49	PK NAIL
62	170555.643	892866.855	342.37	PK NAIL
63	170550.232	894304.894	349.20	PK NAIL -- LEVEE
64	170544.354	894971.488	339.28	PK NAIL
65	170486.860	896595.992	342.26	PK NAIL
66	170454.329	897586.317	341.52	PK NAIL
67	169114.260	897577.293	338.44	PK NAIL
68	168653.061	897569.768	337.79	PK NAIL
69	167720.401	897577.225	331.27	PK NAIL
70	167173.827	897681.649	332.76	PK NAIL
71	166903.320	897667.241	338.41	PK NAIL
72	166602.220	897648.467	337.55	PK NAIL
73	166583.741	897619.742	337.56	PK NAIL
74	166561.807	897973.994	339.00	PK NAIL
75	166647.629	896596.670	336.81	PK NAIL
76	166516.746	898696.410	338.84	PK NAIL
77	166499.603	898332.868	339.60	PK NAIL
78	166454.561	899687.586	337.82	PK NAIL
79	166419.841	900240.973	339.34	PK NAIL
178	166403.155	900310.852	338.34	PK NAIL

PROJECT BM DESCRIPTION:
 USGS BRASS MONUMENT MARKED: "USA/NAD '83/ILL. EAST #0022"
 ELEV. 339.89, LOCATED 34' LEFT OF CENTERLINE AT STATION 1000+20.60
 NEAR THE WESTERN ENTRANCE TO FORT MASSAC STATE PARK
 METROPOLIS ILLINOIS

