

EXISTING HORIZONTAL & VERTICAL CONTROL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	I29K	WINNEBAGO	585	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

State Plane Coordinates - Illinois West Zone

Benchmark Label	Elevation (usft)	Northing (usft)	Easting (usft)	Descriptions
BM	891.640	2079588.5661	2620433.7114	Aluminum Disk in Concrete Labeled "U.S. Department of Interior 16SAN 1966" Reset in 1984 Approx. STA. 188+0 40' R
BM7	916.740			Chis box @ North end Parapet wall for Bridge over Rte 173, West side I90, Southbound lane.
BM1	889.420			Rail Road Spike in Power Pole (323-14-3x 1) @ Driveway Entrance to Address 7294 IL 173; North side Rte 173 approx. STA. 174+50 40' L
BM3	899.265			Chiseled Square West End of North Pier (Westbound) I-90 Bridge 703; North side Rte 173 Approx. 25' above Road Grade
BM4	928.755			Rail Road Spike in Power Pole @ Southeast Corner of Lyford Rd. & Rte 173; @ Gravel Drive to 7833 West Lane Residence
BM5	915.679			Chiseled Square Center Headwall for Culvert under Rte 173; South side Rte 173 Approx. STA 218+50
BM6	925.589			Rail Road Spike in Power Pole; North side Rte173 near CP780; 40' L
BM8	891.063			Chiseled Square Northeast Corner Box Culvert Parapet wall under Greenlee Road
BM9	902.483			Chiseled Square East side Greenlee Road; North end of paved road @ corner of Concrete Retaining Wall
BM18	856.010			Chiseled Square South Center of concrete end section; South side Rte 173 Approx. 800' West of Rock Cut State Park Entrance
BM300	905.047			SW corner conc. drain @ CL I90, South of Bridge over Rte173; Approx. STA 442+0
BM301	901.955			Chiseled box N end conc. drain +- 75' S of 2nd speed limit sign past Bridge over Rte 173 on W side I90; Approx. STA 424+0
BM302	891.505			Chiseled box @ CL conc. drain +- 50' S of Riverside exit sign on W side I90
BM303	881.313			Set mag nail +- 200' N of P.T. S bound I90, W side, 1.0' E of W edge of shoulder; Approx. STA 407+25
BM304	Destroyed			
BM305	892.203			Chiseled box @ CL conc. on conc. drain E side I90 across from BM 302
BM306	917.739			Chiseled box @ S end Parapet wall E side I90 on bridge over Rte 173; Approx. STA 443+30
BM307	899.487			Chiseled box @ NE corner Inlet CL I90 +- 340' N of CP 6; Approx. STA 456+0
BM311	864.672			Set Chiseled Square @ Center North Edge on Inlet in CL I-90; Approx. STA 394+0
BM312	858.012			Set Chiseled Square @ Center North Edge on Inlet in CL I-90; Approx. STA 388+0
BM173-1A	843.795	2079554.6253	2615768.6258	Top of Rod; HARN Point; North Side Rte 173; Approx. STA 141+0 36.4' L
BM173-1B	879.770	2079518.1889	2617717.4885	Top of Rod; HARN Point in Median to Rock Cut State Park Entrance; South Side Rte 173; Approx. STA 160+50 45.5' R
BMSWANBR	852.122			Benchmark @ West Pier under Swanson Road Bridge; Approx. STA 516+60
1	925.545	2079656.2347	2622536.6701	5/8" Iron Pin with Aluminum Cap
2	895.270	2079655.4618	2620784.0717	MAG Nail
3	890.040	2079615.8180	2619089.1826	5/8" Iron Pin With Aluminum Cap
5	899.863	2079682.2035	2621309.4355	5/8" Iron Pin with Aluminum Cap
6	904.113	2080508.0267	2620576.9547	Set 3/4" Pin +- 25' S of Inlet behind guard rail on W side I90 near mile marker 70
7	917.612	2079231.0467	2621198.1735	Set pin and cap E side I90 +- 250' south of Rte 173
8	897.214	2081409.9138	2620232.7706	Set Pin and cap W side I90 +- 200' N of N end Guard rail for Rte 173 Bridge
9	922.419	2079706.3762	2624542.1542	5/8" Iron Pin with Aluminum Cap
10	901.483	2081351.5659	2620484.1519	Set Pin and cap E side I90 across from CP 8
11	880.327	2082708.0281	2619978.8956	Set 3/4" Pin +- 100' S of GPS pt 51 on E side I90 +- 100' N of end Guard rail
12	877.966	2082850.4231	2619791.1509	Set Pin and cap W side I90 +- 10' N of S end Guard rail W side I90
13	897.933	2075961.0217	2621469.3991	3/4" Iron Pin with Aluminum Cap
14	908.145	2078163.8913	2621229.0629	3/4" Iron Pin with Aluminum Cap
17	895.173	2082579.6100	2620071.7200	10" Spike
18	894.493	2080967.6476	2621259.3360	5/8" Iron Pin
19	871.430	2083428.3600	2619740.0900	10" Spike
20	915.390	2079723.5627	2623635.2011	10" Spike
21	920.243	2079678.9320	2624069.6660	10" Spike
22	860.920	2084527.3883	2619377.6611	3/4" Iron Pin
23	880.798	2085094.9637	2618956.7959	3/4" Iron Pin
24	843.253	2087126.2060	2618410.6410	3/4" Iron Pin
50	850.794	2086219.4216	2618724.9411	10" Spike
51	878	2082873.3759	2619846.7192	5/8" Iron Pin with Aluminum Cap
52	894.708	2076986.7982	2621653.4076	Set 5/8" Iron Pin with Aluminum Cap; E side I90 +- 75' south of power lines
53	844	2071943.2734	2621608.6535	10" Spike
61	903.193	2081089.6886	2621561.0492	10" Spike
80	859.852	2084616.1570	2619154.1730	10" Spike
81	848.760	2086127.7560	2618850.5140	10" Spike
82	857.135	2086404.8910	2618815.2860	10" Spike
83	863.762	2074624.5940	2621605.9320	10" Spike
84	892.067	2075325.4580	2621724.7500	10" Spike
85	890.191	2074598.4410	2621456.9150	10" Spike
86	856.985	2073988.7590	2621670.6060	10" Spike
90 River		2080063.9412	2621837.8740	ISTHA Top Security Monument
91 Plaza 1		2107010.9469	2613330.5265	ISTHA Top Security Monument
129		2079758.4664	2625275.3291	3/4" Iron Pin; South 1/4 Corner of Section 13

PLOT DATE = #DATE*
 FILE NAME = #TITLE*
 PLOT SCALE = #SCALE*
 REFERENCE = #REF*

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		HORIZONTAL & VERTICAL CONTROL SCALE: VERTICAL HORIZONTAL SEPTEMBER 14, 2005 DRAWN BY CHECKED BY