

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5789	(33&40)-1-FR	ROCK ISLAND	30	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Chain 27THST contains:
10 12

Beginning chain 27THST description

Point 10 N 1,744,023.5260 E 2,205,356.0620 Sta 17+53.4548

Course from 10 to 12 1° 42' 52.5240" Dist 994.9275'

Point 12 N 1,745,018.0080 E 2,205,385.8310 Sta 27+48.3823

Ending chain 27THST description

Chain 69THAVCT contains:
210 15

Beginning chain 69THAVCT description

Point 210 N 1,744,375.4340 E 2,205,366.5961 Sta 200+00.0000

Course from 210 to 15 89° 52' 17.2841" Dist 374.8839'

Point 15 N 1,744,376.2750 E 2,205,741.4790 Sta 203+74.8839

Ending chain 69THAVCT description

Chain AIRPORTRD contains:
13 200

Beginning chain AIRPORTRD description

Point 13 N 1,744,431.1620 E 2,204,959.8480 Sta 152+18.8885

Course from 13 to 200 96° 54' 02.9854" Dist 409.9115'

Point 200 N 1,744,381.9106 E 2,205,366.7899 Sta 156+28.8000

Ending chain AIRPORTRD description

Chain P20190 contains:
70201 CUR 70220 CUR 70210 70200

Beginning chain P20190 description

Point 70201 N 1,744,213.9733 E 2,205,495.3648 Sta 48+12.5307

Course from 70201 to PC 70220 359° 52' 17.2849" Dist 21.0565'

Curve Data

Curve 70220
P.I. Station 48+63.9759 N 1,744,265.4183 E 2,205,495.2494
Delta = 62° 34' 48.7076" (RT)
Degree = 114° 35' 29.6125"
Tangent = 30.3886'
Length = 54.6115'
Radius = 50.0000'
External = 8.5104'
Long Chord = 51.9371'
Mid. Ord. = 7.2726'
P.C. Station 48+33.5872 N 1,744,235.0298 E 2,205,495.3175
P.T. Station 48+88.1988 N 1,744,279.4730 E 2,205,522.1926
C.C. N 1,744,235.1419 E 2,205,545.3174

Course from PT 70220 to PC 70210 62° 27' 05.9924" Dist 11.6509'

Curve Data

Curve 70210
P.I. Station 49+27.1994 N 1,744,297.5107 E 2,205,556.7714
Delta = 62° 34' 48.7084" (LT)
Degree = 127° 19' 26.2361"
Tangent = 27.3498'
Length = 49.1504'
Radius = 45.0000'
External = 7.6594'
Long Chord = 46.7434'
Mid. Ord. = 6.5453'
P.C. Station 48+99.8496 N 1,744,284.8615 E 2,205,532.5225
P.T. Station 49+49.0000 N 1,744,324.8604 E 2,205,556.7100
C.C. N 1,744,324.7594 E 2,205,511.7101

Course from PT 70210 to 70200 359° 52' 17.2841" Dist 51.0000'

Point 70200 N 1,744,375.8602 E 2,205,556.5956 Sta 50+00.0000

Ending chain P20190 description

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1744328.4042	2205301.6866	602.1453	27THST	20+56.5695	63.4732' LT	PIN
2	1744062.4461	2205431.7060	602.6880	27THST	17+94.6208	74.4456' RT	PIN
3	1744595.6707	2205420.2361	598.0880	27THST	23+27.2635	47.0264' RT	PIN
4	1744226.5258	2205436.1318	603.6293	27THST	19+58.7595	73.96' RT	PIN
5	1744392.7130	2205517.0590	603.1820	27THST	21+27.2937	149.8786' RT	PIN

REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	27THST	20+81.3395	124.7344' LT	SIGN POLE, SHINER
501	27THST	20+13.1481	43.7798' LT	TRAFFIC SIGNAL CANTILEVER, PAINTED
502	27THST	20+16.9105	63.7093' LT	FIRE HYDRANT, TOP
503	27THST	23+66.0533	58.0596' RT	MANHOLE, CENTER
504	27THST	23+69.9318	70.5521' RT	POWER POLE WITH LIGHT, NAIL
505	27THST	22+58.4753	68.5261' RT	POWER POLE WITH LIGHT, NAIL
506	27THST	20+50.5711	69.6602' RT	FIRE HYDRANT, TOP
507	27THST	20+12.4177	70.6853' RT	POWER POLE, SHINER
508	27THST	18+44.4524	73.5902' RT	POWER POLE WITH LIGHT, SHINER
509	27THST	18+43.2296	73.3457' RT	POWER POLE, SHINER
510	27THST	17+80.0563	80.6982' RT	STREET LIGHT POLE, PAINTED
511	27THST	17+93.5575	59.2806' RT	SIGN POLE, NAIL