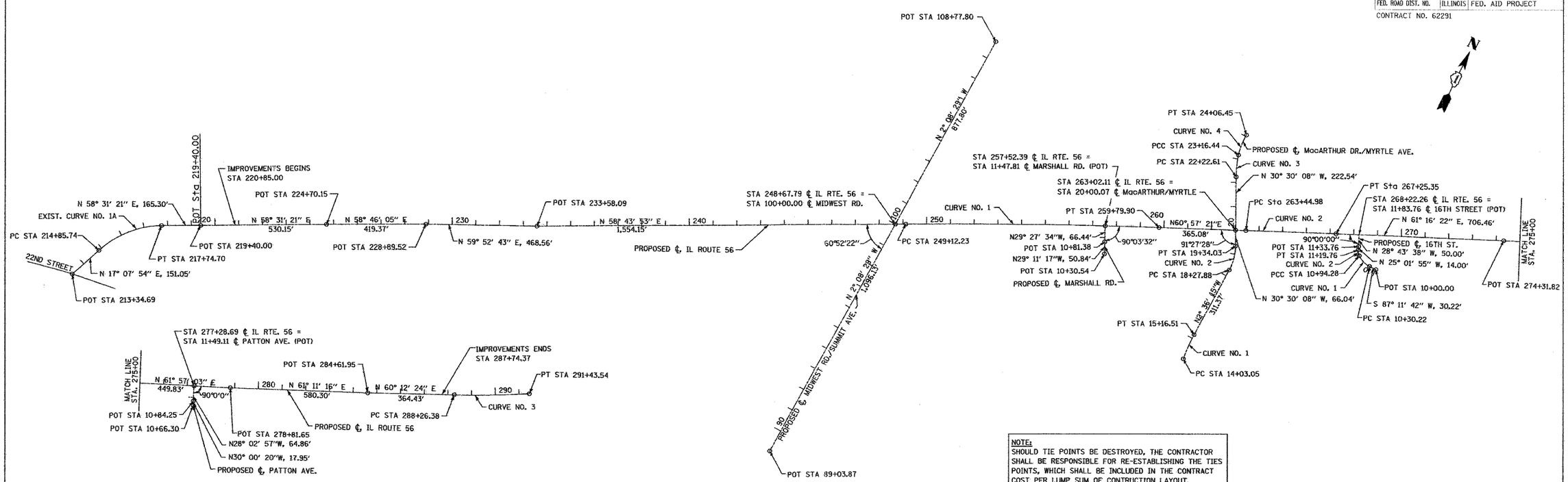
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3545	54-WRS-7	DuPAGE	235	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62291



NOTE:
SHOULD TIE POINTS BE DESTROYED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING THE TIES POINTS, WHICH SHALL BE INCLUDED IN THE CONTRACT COST PER LUMP SUM OF CONTRUCTION LAYOUT.

PROPOSED CURVE NO.	△	R	T	L	E	SE	P.O.T./PI STATION	P.O.T./PI COORDINATE NORTHING	P.O.T./PI COORDINATE EASTING	PC STATION	P.C. COORDINATES NORTHING	P.C. COORDINATES EASTING	PT STATION	P.T. COORDINATES NORTHING	P.T. COORDINATES EASTING
IL RTE. 56															
							213+34.69	1,866,576.8624	1,079,669.5629						
EXIST CURVE 1A	41°23'27"	400.00'	151.11'	288.96'	27.59'	6%	216+36.85	1,886,865.6147	1,079,758.5696	214+85.74	1,886,721.2087	1,079,714.0570	217+74.70	1,886,944.5192	1,079,887.4438
							219+40.00	1,887,030.8310	1,080,028.4162						
							224+70.15	1,887,307.6563	1,080,480.5530						
							228+89.52	1,887,525.1024	1,080,839.1475						
							233+58.09	1,887,760.2443	1,081,244.4390						
1	2°13'27"	27,504.98'	533.90'	1,067,67'	5.18'	N.C.	254+46.13	1,888,844.0426	1,083,029.1841	249+12.23	1,888,566.9221	1,082,572.8359	259+79.90	1,889,103.2426	1,083,495.9440
2	0°19'01"	68,754.96'	190.19'	380.37'	0.26'	N.C.	265+35.17	1,889,372.8172	1,083,981.3861	263+44.48	1,889,280.4844	1,083,815.1159	267+25.36	1,889,464.2287	1,084,148.1646
							274+31.82	1,889,803.7819	1,084,767.6725						
							278+81.65	1,890,015.3062	1,085,164.6679						
							284+61.95	1,890,294.9763	1,085,673.1300						
3	4°21'52"	4,163.76'	158.66'	317.17'	3.02'	N.C.	289+85.04	1,890,554.8856	1,086,127.0797	288+26.38	1,890,476.0516	1,085,989.3907	291+43.54	1,890,643.9690	1,086,258.3703
MIDWEST RD.															
							89+03.87	1,887,448.4955	1,082,575.8075						
							100+00.00	1,888,543.8563	1,082,534.8523						
							108+77.80	1,889,421.0430	1,082,502.0545						
MARSHALL RD.															
							10+30.54	1,888,889.7430	1,083,354.9660						
							10+81.38	1,888,934.1249	1,803,330.1741						
							11+47.81	1,888,991.9717	1,083,297.5000						
MacARTHUR DR.															
1	9°24'46"	690.61'	56.86'	113.46'	2.34'	N.C.	14+59.91	1,888,734.1698	1,083,857.8347	14+03.05	1,888,678.5593	1,083,869.6722	15+16.51	1,888,790.9675	1,803,855.2515
2	27°53'53"	218.00'	54.15'	106.15'	6.62'	N.C.	18+82.03	1,889,156.1111	1,083,838.6441	18+27.88	1,889,102.0196	1,083,841.1043	19+34.03	1,889,202.7651	1,803,811.1606
							20+00.07	1,889,259.6718	1,083,777.6372						
3	10°55'49"	491.81'	47.05'	93.82'	2.25'	N.C.	22+69.67	1,889,491.9567	1,083,640.7995	22+22.61	1,889,451.4144	1,083,664.6827	23+16.44 (PCC)	1,889,536.2921	1,083,625.0369
4	18°05'12"	285.15'	45.38'	90.01'	3.59'	N.C.	23+61.82	1,889,579.4279	1,083,610.9270	23+16.44 (PCC)	1,889,536.2921	1,083,625.0369	24+06.45	1,889,624.8128	1,803,610.9060
16TH STEET															
							10+00.00	1,889,419.7484	1,084,370.3152						
1	36°42'20"	100.00'	33.17'	64.06'	5.36'	N.C.	10+63.39	1,889,416.6462	1,084,307.0009	10+30.22	1,889,418.2697	1,084,340.1351	10+94.28	1,889,435.1491	1,084,279.4662
2	31°04'03"	47.00'	13.06'	25.48'	1.78'	N.C.	11+07.34	1,889,442.4356	1,084,268.6229	10+94.28	1,889,435.1491	1,084,279.4662	11+19.76	1,889,454.2726	1,084,263.0952
							11+33.76	1,889,466.9576	1,084,257.1714						
							11+83.76	1,889,510.8035	1,084,233.1394						
PATTON AVE.															
							10+66.30	1,889,870.5922	1,085,069.1513						
							10+84.25	1,889,886.1342	1,085,060.1761						
							11+49.11	1,889,943.3801	1,085,029.6748						

BENCH MARK SUMMARY

BM#1: R.R. SPIKE IN NORTH FACE OF POWER POLE. POWER POLE AT STA. 223+74 LT.
ELEVATION = 724.53

BM#2: "X" CUT IN SOUTHEAST FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT AT STA. 243+02 LT.
ELEVATION = 707.60

BM#3: "X" CUT ON BOTTOM WEST FLANGE BOLT ON FIRE HYDRANT. FIRE HYDRANT AT STA. 252+72 RT.
ELEVATION = 707.42

BM#4 "X" CUT ON EAST SIDE OF HEADWALL. HEADWALL AT STA. 269+90 LT.
ELEVATION = 706.17

BM#17A: CUT "□" IN CONCRETE BASE FOUNDATION OF HIGH MAST ARM TOWER. FOUNDATION AT STA. 290+89 RT.
ELEVATION = 682.39

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.U. ROUTE 3545
IL RTE 56 (BUTTERFIELD ROAD)

ALIGNMENT, TIES AND BENCH MARKS

0 100' 200' 300'
1" = 200'

DATE: 2/20/04
DRAWN BY: SMP
CHECKED BY: BDH