

CURVE DATA

C - H - 3

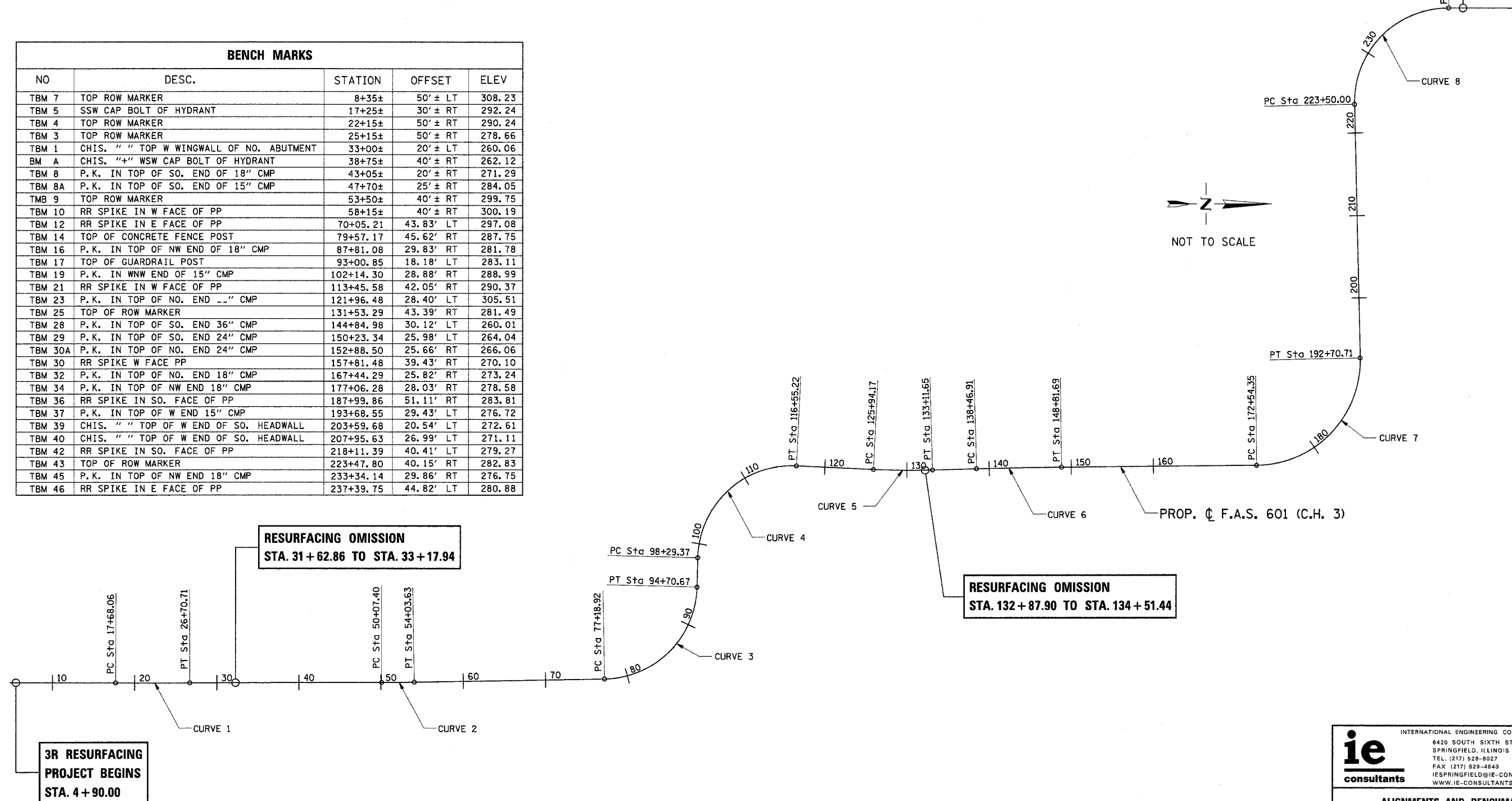
CURVE	PI STATION	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	RADIUS POINT NORTHING	RADIUS POINT EASTING	EXT.	LONG CHORD	MID. ORD	PC STATION	PC NORTHING	PC EASTING	PT STATION	PT NORTHING	PT EASTING
1	22+19.39	0°18'04"(LT)	0°02'00"	451.33	902.65	171,822.70	92,436.700	-53,628.079	0.59	902.652	0.593	17+68.06	91,866.784	118,193.672	26+70.71	92,769.436	118,194.295
2	52+05.52	0°51'31"(LT)	0°13'00"	198.12	396.23	26,438.83	95,055.004	91,750.998	0.74	396.228	0.742	50+07.40	95,106.115	118,189.774	54+03.63	95,502.325	118,186.039
3	88+17.58	87°35'14"(LT)	5°00'00"	1,098.66	1,751.75	1,145.92	97,797.906	117,001.113	441.586	1,586.099	318.753	77+18.92	97,817.293	118,146.869	94+70.67	98,943.463	117,029.975
4	110+01.43	91°17'32"(RT)	5°00'00"	1,172.06	1,825.85	1,145.92	100,098.054	116,700.258	493.243	1,638.746	344.820	98+29.37	98,952.497	116,671.396	116+55.22	100,152.740	115,555.643
5	129+53.08	4°18'18"(LT)	0°36'00"	358.91	717.48	9,549.06	101,546.334	106,062.270	6.742	717.307	6.738	125+94.17	101,090.627	115,600.453	133+11.65	101,807.897	115,607.750
6	143+64.32	1°02'06"(RT)	0°06'00"	517.40	1034.78	57,288.12	103,912.118	172,859.718	2.336	1,034.764	2.336	138+46.91	102,342.960	115,593.090	148+81.69	103,377.550	115,574.090
7	185+44.06	90°44'11"(LT)	4°30'00"	1289.71	2016.36	1,273.24	105,738.222	114,278.762	539.076	1,812.166	378.727	172+54.35	105,750.104	115,551.946	192+70.71	107,011.148	114,250.518
8	235+22.34	91°18'21"(RT)	5°00'00"	1172.34	1826.13	1,145.92	108,088.482	111,146.572	493.444	1,638.940	344.919	223+50.00	106,942.843	111,171.991	241+76.12	108,089.179	110,000.651

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
601	(*)	PIKE	51	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

(*) 02-00077-00-RS

3R RESURFACING PROJECT ENDS STA. 243 + 51.14

BENCH MARKS				
NO	DESC.	STATION	OFFSET	ELEV
TBM 7	TOP ROW MARKER	8+35±	50' ± LT	308.23
TBM 5	SSW CAP BOLT OF HYDRANT	17+25±	30' ± RT	292.24
TBM 4	TOP ROW MARKER	22+15±	50' ± RT	290.24
TBM 3	TOP ROW MARKER	25+15±	50' ± RT	278.66
TBM 1	CHIS. " " TOP W WINGWALL OF NO. ABUTMENT	33+00±	20' ± LT	260.06
BM A	CHIS. " " WSW CAP BOLT OF HYDRANT	38+75±	40' ± RT	262.12
TBM 8	P.K. IN TOP OF SO. END OF 18" CMP	43+05±	20' ± RT	271.29
TBM 8A	P.K. IN TOP OF SO. END OF 15" CMP	47+70±	25' ± RT	284.05
TBM 9	TOP ROW MARKER	53+50±	40' ± RT	299.75
TBM 10	RR SPIKE IN W FACE OF PP	58+15±	40' ± RT	300.19
TBM 12	RR SPIKE IN E FACE OF PP	70+05.21	43.83' LT	297.08
TBM 14	TOP OF CONCRETE FENCE POST	79+57.17	45.62' RT	287.75
TBM 16	P.K. IN TOP OF NW END OF 18" CMP	87+81.08	29.83' RT	281.78
TBM 17	TOP OF GUARDRAIL POST	93+00.85	18.18' LT	283.11
TBM 19	P.K. IN WNW END OF 15" CMP	102+14.30	28.88' RT	288.99
TBM 21	RR SPIKE IN W FACE OF PP	113+45.58	42.05' RT	290.37
TBM 23	P.K. IN TOP OF NO. END " " CMP	121+96.48	28.40' LT	305.51
TBM 25	TOP OF ROW MARKER	131+53.29	43.39' RT	281.49
TBM 28	P.K. IN TOP OF SO. END 36" CMP	144+84.98	30.12' LT	260.01
TBM 29	P.K. IN TOP OF SO. END 24" CMP	150+23.34	25.98' LT	264.04
TBM 30A	P.K. IN TOP OF NO. END 24" CMP	152+88.50	25.66' RT	266.06
TBM 30	RR SPIKE W FACE PP	157+81.48	39.43' RT	270.10
TBM 32	P.K. IN TOP OF NO. END 18" CMP	167+44.29	25.82' RT	273.24
TBM 34	P.K. IN TOP OF NW END 18" CMP	177+06.28	28.03' RT	278.58
TBM 36	RR SPIKE IN SO. FACE OF PP	187+99.86	51.11' RT	283.81
TBM 37	P.K. IN TOP OF W END 15" CMP	193+68.55	29.43' LT	276.72
TBM 39	CHIS. " " TOP OF W END OF SO. HEADWALL	203+59.68	20.54' LT	272.61
TBM 40	CHIS. " " TOP OF W END OF SO. HEADWALL	207+95.63	26.99' LT	271.11
TBM 42	RR SPIKE IN SO. FACE OF PP	218+11.39	40.41' LT	279.27
TBM 43	TOP OF ROW MARKER	223+47.80	40.15' RT	282.83
TBM 45	P.K. IN TOP OF NW END 18" CMP	233+34.14	29.86' RT	276.75
TBM 46	RR SPIKE IN E FACE OF PP	237+39.75	44.82' LT	280.88



FILE: G:\S03012\CAD\3012A101.DGN 12/10/03 11:00:33 AM

ie INTERNATIONAL ENGINEERING CONSULTANTS, INC.
 8420 SOUTH SIXTH STREET
 SPRINGFIELD, ILLINOIS 62707
 TEL: (217) 529-8027
 FAX: (217) 529-4543
 IESPRINGFIELD@IE-CONSULTANTS.COM
 WWW.IE-CONSULTANTS.COM

ALIGNMENTS AND BENCHMARKS

DRAWN BY:	CHECKED BY:	DATE:	PROJECT:
RG	CMS	12-10-03	S03012