

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				

STATION	PGL ELEV.	S.E. (%)	RT. E.O.P. ELEV.	LT. E.O.P. ELEV.
RAMP A				
401+30.00	604.19	1.50 N.C.	604.10	604.50
401+55.00	603.81	0.63%	603.80	603.93
401+73.00	603.54	0.00%	603.54	603.54
401+80.00	603.44	0.24%	603.44	603.40
402+05.00	603.06	1.12%	603.06	602.88
402+30.00	602.27	1.99%	602.27	601.95
402+55.00	602.46	2.86%	602.46	602.00
402+72.98 (PC)	602.34	3.49 S.E.	602.34	601.78
402+80.00	602.30	3.73%	602.30	601.70
403+05.00	602.23	4.60%	602.23	601.49
403+30.00	602.26	5.48%	602.26	601.38
403+45.00	602.31	6.00 F.S.	602.31	601.35
403+70.00	602.49	5.30%	602.49	601.64
403+95.00	602.75	4.60%	602.75	602.01
404+20.00	603.11	3.91%	603.11	602.48
404+27.75 (PT)	603.24	3.69 S.E.	603.24	602.65
404+45.00	603.56	3.21%	603.56	603.05
404+70.00	604.10	2.51%	604.10	603.70
404+95.00	604.73	1.81%	604.73	604.44
405+20.00	605.36	1.12%	605.36	605.18
405+45.00	605.94	0.42%	605.94	605.87
405+60.00	606.26	0.00 S.E.	606.26	606.26
405+85.00	606.76	0.77%	606.76	606.88
406+10.00	607.21	1.54%	607.21	607.46
406+35.00	607.61	2.31%	607.61	607.98
406+60.00	607.96	3.08%	607.96	608.45
406+85.00	608.26	3.85%	608.26	608.88
406+91.75 (PC)	608.33	4.05 S.E.	608.33	608.98
407+10.00	608.51	4.62%	608.51	609.25
407+35.00	608.71	5.38%	608.71	609.57
407+60.00	608.86	6.15%	608.86	609.84
407+85.00	608.96	6.92%	608.96	610.07
408+10.00	609.01	7.69%	609.01	610.24
408+20.00	609.01	8.00 F.S.	609.01	610.29
408+77.00	608.89	8.00 F.S.	608.89	610.17
409+02.00	608.76	7.77%	608.76	610.00
409+27.00	608.57	7.54%	608.57	609.78
409+52.00	608.34	7.31%	608.34	609.51
409+77.00	608.06	7.08%	608.06	609.19
410+02.00	607.73	6.85%	607.73	608.83
410+07.00	607.66	6.80 S.E.	607.66	608.75
410+32.00	607.32	6.20%	607.32	608.31
410+57.00	606.99	5.60%	606.99	607.89
410+82.00	606.65	5.00%	606.65	607.45
411+07.00	606.32	4.40%	606.32	607.02
411+32.00	605.98	3.80%	605.98	606.59
411+57.00	605.65	3.20%	605.65	606.16
411+82.00	605.31	2.60%	605.31	605.73
412+07.00	604.98	2.00 N.C.	604.98	605.30

STATION	PGL ELEV.	S.E. (%)	RT. E.O.P. ELEV.	LT. E.O.P. ELEV.
RAMP B				
387+93.00	616.00	2.00 N.C.	616.00	616.32
388+18.00	616.17	2.71%	616.17	616.60
388+43.00	616.32	3.42%	616.32	616.87
388+68.00	616.43	4.13%	616.43	617.09
388+93.00	616.52	4.84%	616.52	617.29
389+18.00	616.57	5.55%	616.57	617.46
389+33.07 (PC)	616.59	6.00 S.E.	616.59	617.55
389+43.00	616.60	6.27%	616.60	617.60
389+68.00	616.59	6.98%	616.59	617.71
389+93.00	616.56	7.69%	616.56	617.79
390+03.00	616.54	8.00 F.S.	616.54	617.82
391+48.00	616.18	8.00 F.S.	616.18	617.46
391+73.00	616.11	7.23%	616.11	617.27
391+98.00	616.05	6.46%	616.05	617.08
392+23.00	615.99	5.69%	615.99	616.90
392+34.89 (PT)	615.96	5.32 S.E.	615.96	616.81
392+48.00	615.92	4.92%	615.92	616.71
392+73.00	615.86	4.15%	615.86	616.52
392+98.00	615.79	3.38%	615.79	616.33
393+23.00	615.69	2.62%	615.69	616.11
393+48.00	615.54	1.85%	615.54	615.84
393+73.00	615.35	1.08%	615.35	615.52
393+98.00	615.11	0.31%	615.10	615.56
394+08.00	615.01	0.00 S.E.	615.01	615.01
394+33.00	614.71	0.68%	614.74	614.60
394+58.00	614.38	1.36%	614.46	614.16
394+83.00	614.00	2.04%	614.15	613.67
395+08.00	613.57	2.72%	613.82	613.13
395+22.50 (PC)	613.31	3.13 S.E.	613.62	612.81
395+33.00	613.11	3.40%	613.47	612.57
395+58.00	612.60	4.08%	613.10	611.95
395+83.00	612.04	4.76%	612.70	611.28
396+08.00	611.45	5.44%	612.29	610.58
396+28.00	610.94	6.00 F.S.	611.95	609.98
396+63.00	609.99	6.00 F.S.	611.14	609.03
396+88.00	609.26	5.15%	610.29	608.44
397+13.00	608.51	4.30%	609.37	607.82
397+35.81 (PT)	607.82	3.51 S.E.	608.52	607.26
397+38.00	607.76	3.45%	608.45	607.21
397+63.00	607.01	2.60%	607.53	606.59
397+88.00	606.26	1.75%	606.61	605.98
398+13.00	605.51	0.90%	605.64	605.74
398+38.00	604.85	0.05%	604.96	604.61
398+63.00	604.38	0.80%	604.40	604.14
398+83.00	604.14	1.50 N.C.	604.07	603.90

STATION	PGL ELEV.	S.E. (%)	RT. E.O.P. ELEV.	LT. E.O.P. ELEV.
RAMP C				
191+28.00	609.82	2.00 N.C.	609.82	610.14
191+53.00	609.87	2.78%	609.87	610.31
191+78.00	609.87	3.56%	609.87	610.44
192+03.00	609.81	4.34%	609.81	610.50
192+13.29 (PC)	609.77	4.67 S.E.	609.77	610.52
192+28.00	609.70	5.12%	609.70	610.52
192+53.00	609.52	5.90%	609.52	610.46
192+56.00	609.50	6.00 F.S.	609.50	610.46
195+97.00	601.38	6.00 F.S.	601.38	602.34
196+22.00	600.37	5.13%	600.26	601.19
196+44.61 (PT)	599.41	4.33 S.E.	599.26	600.10
196+47.00	599.31	4.26%	599.15	599.99
196+72.00	598.23	3.40%	598.05	598.77
196+97.00	597.25	2.53%	597.08	597.65
197+22.00	596.36	1.66%	596.23	596.63
197+47.00	595.55	0.79%	595.70	595.43
197+72.00	594.83	0.08%	594.90	594.71
197+97.00	594.21	0.94%	594.16	594.09
198+13.00	593.85	1.50 N.C.	593.73	594.10
RAMP D				
203+36.00	599.56	1.50 N.C.	599.56	599.31
203+61.00	600.56	1.93%	600.56	600.87
203+86.00	601.55	2.37%	601.55	601.93
204+11.00	602.55	2.80%	602.55	603.00
204+36.00	603.54	3.23%	603.54	604.06
204+61.00	604.54	3.67%	604.54	605.13
204+86.00	605.54	4.10%	605.54	606.20
205+09.00 (PC)	606.45	4.50 S.E.	606.45	607.17
205+11.00	606.53	4.55%	606.53	607.26
205+36.00	607.53	5.21%	607.53	608.36
205+61.00	608.51	5.87%	608.51	609.45
205+86.00	609.44	6.54%	609.44	610.49
205+96.00	609.80	6.80 F.S.	609.80	610.89
208+98.00	616.42	6.80 F.S.	616.42	617.51
209+23.00	616.60	6.36%	616.60	617.62
209+48.00	616.73	5.92%	616.73	617.68
209+73.00	616.81	5.48%	616.81	617.69
209+98.00	616.83	5.04%	616.83	617.64
210+23.00	616.79	4.60%	616.79	617.53
210+28.41 (PT)	616.78	4.50 S.E.	616.78	617.50
210+48.00	616.70	4.38%	616.70	617.40
210+73.00	616.57	4.22%	616.57	617.25
210+98.00	616.43	4.07%	616.43	617.08
211+23.00	616.30	3.91%	616.30	616.93
211+48.00	616.16	3.76%	616.16	616.76
211+73.00	616.03	3.60%	616.03	616.61
211+98.00	615.89	3.45%	615.89	616.44
212+23.00	615.76	3.29%	615.76	616.29
212+28.00	615.73	3.26 S.E.	615.73	616.25
212+53.00	615.60	3.01%	615.60	616.08
212+78.00	615.46	2.75%	615.46	615.90
213+03.00	615.31	2.50%	615.31	615.71
213+28.00	615.16	2.24 S.E.	615.16	615.52
213+52.00	615.00	2.00 N.C.	615.00	615.35

STATION	PGL ELEV.	S.E. (%)	RT. E.O.P. ELEV.	LT. E.O.P. ELEV.
TEMPORARY RAMP A				
13+90.00	610.03	1.50% N.C.	610.00	610.27
14+15.00	610.59	0.03	610.54	611.01
14+40.00	611.09	0.04	611.02	611.68
14+65.00	611.59	4.80% S.E.	611.49	612.36
14+90.00			MATCH EXISTING S.E.	
15+15.00			MATCH EXISTING S.E.	
15+40.00			MATCH EXISTING S.E.	
15+65.00			MATCH EXISTING S.E.	
15+90.00			MATCH EXISTING S.E.	
TEMPORARY RAMP B				
10+20.00			MATCH EXISTING S.E.	
10+45.00			MATCH EXISTING S.E.	
10+70.00			MATCH EXISTING S.E.	
10+95.00			MATCH EXISTING S.E.	
11+20.00			MATCH EXISTING S.E.	
11+45.00	615.75	6.2% S.E.	615.63	616.74
11+70.00	615.04	5.08%	614.94	615.85
11+95.00	614.29	3.96%	614.21	614.92
12+20.00	613.51	2.84%	613.45	613.96
12+45.00	612.70	1.72%	612.67	612.98
12+50.00	612.53	1.50% N.C.	612.50	612.77

**PATRICK**  
ENGINEERING INC.  
LISLE, ILLINOIS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
NAME	DATE	
		SUPERELEVATION TRANSITIONS
SCALE: NONE	DRAWN BY: NJS	
DATE: 2/10/06	CHECKED BY: JJC	