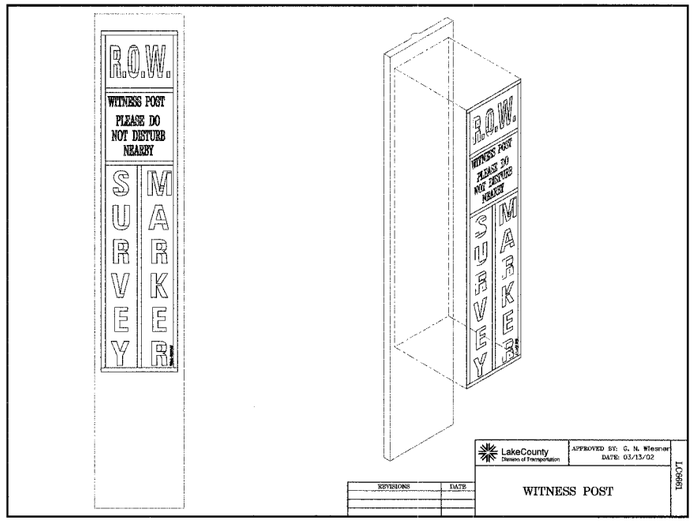
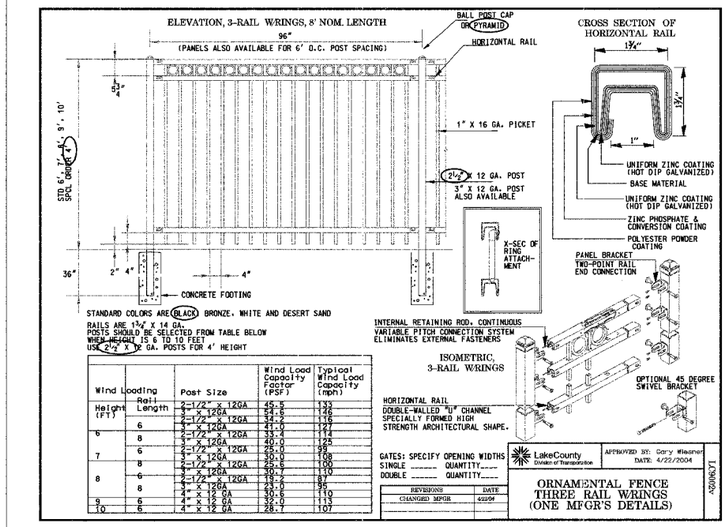
CONTRACT NO. 83880

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0177	01-00168-06-BT	LAKE	38	22
DETAILS				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT HD-8003(695)		





Wind Loading Height (FT)	Rail Length	Post Size	Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (mph)
6	6	2-1/2" x 12GA	45.5	133
		3" x 12GA	54.6	146
		2-1/2" x 12GA	34.2	116
		4" x 12GA	41.0	127
	8	2-1/2" x 12GA	33.4	114
		3" x 12GA	40.0	125
7	6	2-1/2" x 12GA	29.0	98
		4" x 12GA	35.0	108
	8	2-1/2" x 12GA	28.5	100
		4" x 12GA	30.7	110
8	6	2-1/2" x 12GA	18.2	81
		4" x 12 GA	23.0	95
	8	4" x 12 GA	20.6	110
9	6	4" x 12 GA	22.0	113
10	6	4" x 12 GA	28.7	107

ILLINOIS DEPARTMENT OF TRANSPORTATION

MONAVILLE ROAD BIKE PATH UNDERPASS

DETAILS

REVISIONS	
NAME	DATE

NOT TO SCALE

CHECKED BY: D.J.K.
DATE: 10/18/06