CONTRACT NO. 60B85

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-031 BY	WILL	137	8E
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

POLYUREA PAVEMENT MARKING TYPE I - LINE 5" — TOTAL 1803 FOOT

LANE LINE LOCATION	FROM STA.	TO STA.	LENGTH FT	FACTOR			Sub totals
CONCRETE PAVEMENT LANE LINES 10' DASH - 30' SKIP							
S.B.	144+63.00	186+03.00	4,140.0	0.25			1035
N.B.	156+55.00	187+28.00	3,073.0	0.25			768.3

POLYUREA PAVEMENT MARKING TYPE I - LINE 12" — TOTAL 583 FOOT

LOCATION	FROM STA.	TO STA.	DISTANCE	MEASURE LENGTH FT.	LINE COLOR		Sub totals
S.B.	144+63.00	186+03.00	4,140.0	120.6	WHITE		120.6
S.B.	144+63.00	186+03.00	4,140.0	275.2	YELLOW		275.2
N.B.	156+55.00	187+28.00	3,073.0	87.4	WHITE		87.4
N.B.	156+55.00	187+28.00	3,073.0	99.7	YELLOW		99.7

RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) — TOTAL 6 EACH

LOCATION	FROM STA.	TO STA.	LENGTH FT	#OF MKRS. @ 80'C-C	TYPE	FACTOR	Sub totals
SB BASELINE (CSX BRIDGE)							
	166+68.00	168+71.00	203.00	3	DOUBLE	2	6

REPLACEMENT REFLECTOR — TOTAL 382 EACH

LOCATION	FROM STA.	TO STA.	LENGTH FT	#OF. MKRS. @80'C-C LANES @40'C-C GORE	TYPE	FACTOR	Sub totals
SB	135+05.07	166+71.00	3165.93	40	DOUBLE	2	80
SB	168+74.00	199+61.00	3087.00	39	DOUBLE	2	78
SB	190+14.00	194+51.00	437.00	11	SINGLE	1	11
SB	190+14.00	194+51.00	437.00	11	SINGLE	1	11
NB	156+55.00	198+03.00	4148.00	52	DOUBLE	2	104
NB	188+74.00	193+08.00	434.00	11	SINGLE	1	11
NB	188+74.00	193+08.00	434.00	11	SINGLE	1	11
SB	484+48.00	499+44.00	1496.00	19	DOUBLE	2	38
NB	484+48.00	499+44.00	1496.00	19	DOUBLE	2	38

MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR — TOTAL 1500 EACH

MOUNTED ON	LENGTH	TOTAL # BARRIERS	REFLECTORS /BARRIER	Sub totals
TEMPORARY CONCRETE BARRIER - S.B.	4,931.00	494.0	2	988.0
TEMPORARY CONCRETE BARRIER - N.B.	2,557.00	256.0	2	512.0

GUARDRAIL MARKERS, TYPE A — TOTAL 27 EACH

LOCATION	STATION	STATION	LENGTH	X/80		Sub totals
LT.	165+38.83	166+38.78	99.95	(MIN. 4)		4.00
LT.	168+85.51	169+60.54	75.03	(MIN. 4)		4.00
RT.	169+16.86	170+79.34	162.48	(MIN. 4)		4.00

GUARDRAIL MARKERS, TYPE A — TOTAL 27 EACH

LOCATION	STATION	STATION	LENGTH	X/80		Sub totals

MOUNTED ON	NO.TERM/ PARAPETS	LENGTH	SPACING	CALC'D	MIN.	
TRAFFIC BARRIER TERMINAL, TYPE 2	2	13.25	80	2	2	2.00
TRAFFIC BARRIER TERMINAL, TYPE 5	1	13.25	80	1	1	1.00
TRAFFIC BARRIER TERMINAL, TYPE 6	2	16.04	80	2	2	2.00
TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	1	62.50	80	1	1	1.00
		713.00	80	9	9	9.00
FURNISH AND INSTALL RAIL ELEMENT PLATES						

BARRIER WALL MARKERS, TYPE C — TOTAL 4 EACH

ROADWAY SECTION	STATION	STATION	LENGTH OF BARRIER /PARAPET (FT)	SPACING	MIN	X2	Sub totals	TOTALS
TANGENT	491+42.75	492+49.25	106.50	100	2	2	4.00	4.00

TERMINAL MARKER - DIRECT APPLIED — TOTAL 1 EACH

STATION	OFFSET		Sub totals
171+29.34	23.97' RT.		1

PAVEMENT MARKING REMOVAL — TOTAL 12396 SQ FT

DIRECTION ON I-55	FROM STA.	TO STA.	LINE WIDTH	LINE TYPE	LENGTH FEET	LINE WIDTH	%OF T. LENG.		Sub totals
STAGE I									
S.B.	137+05.07	181+75.00	4	SOLID	4469.93	0.333	100		1,489.98
S.B.	181+75.00	194+86.00	8	SOLID	1311.00	0.667	100		874.00
S.B.	181+75.00	190+42.00	4	SKIP DASH	867.00	0.333	0.25		72.25
S.B.	190+42.00	194+52.00	8	SOLID	410.00	0.667	100	2	546.67
S.B.	194+52.00	199+60.00	4	SOLID	508.00	0.333	100		169.33
S.B.	137+05.07	199+60.00	5	SKIP DASH	6254.93	0.417	0.25		651.56
S.B.	484+48.00	499+44.00	4	SOLID	1496.00	0.333	100		498.67
S.B.	484+48.00	499+44.00	5	SKIP DASH	1496.00	0.417	0.25		155.83
S.B.	484+48.00	499+44.00	4	SOLID	1496.00	0.333	100		498.67
N.B.	157+23.00	186+82.00	4	SOLID	2959.00	0.333	100		986.33
N.B.	186+82.00	191+87.00	8	SOLID	505.00	0.667	100		336.67
N.B.	189+21.00	191+88.00	8	SOLID	267.00	0.667	100		178.00
N.B.	189+21.00	193+08.00	8	SOLID	387.00	0.667	100		258.00
N.B.	193+08.00	198+03.00	4	SOLID	495.00	0.333	100		165.00
N.B.	157+23.00	198+03.00	5	SKIP DASH	4080.00	0.417	0.25		425.00
N.B.	484+48.00	499+44.00	4	SOLID	1496.00	0.333	100		498.67
N.B.	484+48.00	499+44.00	5	SKIP DASH	1496.00	0.417	0.25		155.83
N.B.	484+48.00	499+44.00	4	SOLID	1496.00	0.333	100		498.67

SHOULDERS	FROM STA.	TO STA.	DIAGONALS-10FT. @ 500 FT. INTERVALS					
S.B./RT	137+05.07	199+60.00	12"	SOLID	6,254.93	1.0	100	
S.B./RT	484+48.00	499+44.00	12"	SOLID	1,496.00	1.0	100	
N.B./RT	157+23.00	198+03.00	12"	SOLID	4,080.00	1.0	100	
N.B./RT	484+48.00	499+44.00	12"	SOLID	1,496.00	1.0	100	
10FTx1FT-DIAGONALS@500 FT INTERVALS IN 13327 FT=27 DIAGONALS								270.00
GORE	FROM STA.	TO STA.	DIAGONALS - @ 30FT INTERVALS					
S.B.	189+21	193+08.00	12"	SOLID	15.30	1.0	9	137.70
N.B.	189+45.00	194+50.00	12"	SOLID	7.70	1.0	11	84.70
STAGE II								
S.B.	137+05.07	199+60.00	4	SOLID	6254.93	0.333	100	2,084.98
N.B./RT	157+23.00	198+03.00	4	SOLID	4080.00	0.333	100	1,360.00

PROTECTIVE SHIELD (PERMANENT) — TOTAL 527 SQ YD

LOCATION		Sub totals
FROM STRUCTURAL CALCULATIONS		
CSXRR		
I-80		
IL 59		527
US 52		
BLACK RD		
SUNNYLAND DRAIN		
CATON FARM		
US 30		

TEMPORARY INFORMATION SIGNING — TOTAL 340 SQ FT

LOCATION	FROM STA.	TO STA.	NO. SIGNS	SIZE	AREA/ SIGN	Sub totals
CSXRR						
	137+12.40	240+08.31	9	48"X60"	20	180
SUNNYLAND DRAIN						
	438+99.03	544+59.03	8	48"X60"	20	160

WEED CONTROL, TEASEL — TOTAL 2.5 GALLON

LOCATION	FROM STA.	TO STA.	NO. SIGNS	SIZE	AREA/ SIGN	Sub totals
PER IDOT D1 BUREAU OF MAINTENANCE						2.5

SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING — TOTAL 6 EACH

STRUCTURE ID	FROM STA.	OFFSET	DIRECTION		Sub totals
1005	182+65	47.1	RT		1
1007	181+20	47.7	RT		1
1009	184+00	47.8	RT		1
1011	185+75	46.3	RT		1
1012	187+50	43.6	RT		1
1013	188+00	37.9	RT		1

SEDIMENT CONTROL, SILT FENCE — TOTAL 475 FOOT

LOCATION	FROM STA.	FROM OFFSET	FROM DIRECTION	TO STA.	TO OFFSET	TO DIRECTION	LENGTH FOOT	Sub totals
	167+73	110	LT	170+88	114	LT	315	315
	176+40	120	LT	178+00	50	LT	160	160

SEDIMENT CONTROL, SILT FENCE MAINTENANCE — TOTAL 475 FOOT

LOCATION	FROM STA.	FROM OFFSET	FROM DIRECTION	TO STA.	TO OFFSET	TO DIRECTION	LENGTH FOOT	Sub totals
	167+73	110	LT	170+88	114	LT	315	315
	176+40	120	LT	178+00	50	LT	160	160

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (OVER CSX RR AND SUNNYLAND DRAIN)
BRIDGE WIDENING

SCHEDULE OF QUANTITIES VI

SCALE: N.T.S. DRAWN BY JFS
DATE 07/21/06 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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