FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7000	02-00212-00-BR	VERMILION	59	8
FROM STA. 96+00.00		TO STA. 103+10.10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 91285

20100110 TREE REMOVAL (6 TO 15 UNITS DIA.) TOTAL 633

STATION	OFFSET	SIDE (FT)	DIAMETER (INCHES)	UNITS		STATION	OFFSET	SIDE (FT)	DIAMETER (INCHES)	UNITS
95+89	33	LT	8	8		96+09	46	RT	9	9
95+98	34	LT	11	11		96+19	46	RT	7	7
96+06	34	LT	8	8		96+20	30	RT	11	11
96+12	48	LT	8	8		96+30	46	RT	7	7
96+36	46	LT	11	11		96+40	46	RT	9	9
96+57	38	LT	11	11		96+41	22	RT	8	8
96+69	38	LT	11	11		96+48	22	RT	9	9
96+91	49	LT	8	8		96+58	22	RT	9	9
97+00	52	LT	8	8		96+68	35	RT	15	15
97+12	46	LT	13	13		96+80	35	RT	8	8
97+16	36	LT	10	10		96+90	35	RT	12	12
97+20	51	LT	15	15		97+03	35	RT	12	12
97+22	43	LT	10	10		97+17	33	RT	15	15
97+28	36	LT	10	10		97+43	26	RT	10	10
97+35	44	LT	10	10		97+50	37	RT	10	10
97+40	36	LT	8	8		97+68	25	RT	10	10
97+53	36	LT	6	6		98+02	23	RT	6	6
97+64	36	LT	8	8		98+22	41	RT	15	15
97+76	37	LT	8	8		98+52	45	RT	10	10
97+80	50	LT	8	8		98+57	32	RT	10	10
97+89	50	LT	8	8		98+80	39	RT	11	11
98+00	45	LT	13	13		98+89	35	RT	8	8
98+08	36	LT	11	11		99+02	37	RT	8	8
98+10	48	LT	14	14		99+20	32	RT	10	10
98+54	35	LT	6	6		99+24	42	RT	10	10
100+75	46	LT	8	8		99+31	36	RT	10	10
100+83	28	LT	8	8		99+32	43	RT	10	10
100+87	20	LT	15	15		101+36	23	RT	8	8
100+99	20	LT	11	11		101+48	27	RT	8	8
101+02	30	LT	8	8		101+63	31	RT	6	6
101+05	16	LT	8	8		101+80	36	RT	6	6
101+08	23	LT	8	8		101+91	29	RT	6	6
101+18	16	LT	8	8						
101+18	28	LT	8	8						
101+24	21	LT	6	6						

20100210 TREE REMOVAL (OVER 15 UNITS DIA.) TOTAL 453

STATION	OFFSET	SIDE (FT)	DIAMETER (INCHES)		UNITS
95+84	48	LT	24		24
96+42	54	LT	19		19
96+50	56	LT	38		38
96+72	47	LT	31		31
96+81	52	LT	19		19
97+28	50	LT	38		38
97+97	53	LT	42		42
98+20	36	LT	17		17
98+42	35	LT	19		19
98+70	36	LT	19		19
100+79	37	LT	18		18
100+79	21	LT	19		19
96+34	21	RT	22		22
97+24	24	RT	16		16
97+36	48	RT	16		16
97+62	37	RT	19		19
97+83	37	RT	19		19
97+88	24	RT	19		19
98+71	39	RT	20		20
101+23	25	RT	19		19

44000100 PAVEMENT REMOVAL TOTAL 1165

FROM STATION	WIDTH (FEET)	TO STATION	WIDTH (FEET)	AVERAGE WIDTH (FEET)	SQ YD
96+00.00	18.00	98+80.81	19.39	18.70	583
98+80.81	19.39	98+87.28	20.42	19.91	14
98+87.28	20.42	98+90.60	22.87	21.65	8
98+90.60	22.87	99+03.59	0.00	11.44	17
101+32.44	0.00	101+45.87	22.89	11.45	17
101+45.87	22.89	101+89.43	26.95	24.92	121
101+89.43	26.95	101+99.97	29.33	28.14	33
101+99.97	29.33	102+48.43	30.98	30.16	162
102+48.43	30.98	103+00.40	29.98	30.48	176
103+00.40	29.98	103+10.10	33.48	31.73	34

NOTES:

1. REFER TO SHEET 14 FOR THE DRAINAGE STRUCTURE AND PIPE SCHEDULES.
2. TREE LOCATIONS BASED ON FIELD INSPECTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE TREES TO BE REMOVED.

XX146400 STORM SEWER REMOVAL TOTAL 177

FROM STATION	OFFSET	SIDE	TO STATION	OFFSET	SIDE	FOOT
96+90.42	11.49	LT	96+90.46	9.88	RT	21.37
96+90.46	9.88	RT	96+96.04	34.31	RT	25.06
97+94.11	11.31	LT	97+94.16	9.69	RT	21.00
97+94.16	9.69	RT	98+08.82	36.77	RT	30.79
98+98.42	10.13	RT	98+97.61	31.97	RT	21.86
101+88.83	11.09	LT	101+79.71	48.54	LT	38.54
101+88.22	11.37	RT	101+86.95	30.00	RT	18.67

XX003503 FLARED END SECTION REMOVAL TOTAL 5

STATION	SIDE		EACH
96+96.04	RT		1
98+08.70	RT		1
98+97.61	RT		1
101+79.71	RT		1
101+86.68	RT		1

60500060 REMOVING INLETS TOTAL 6

STATION	OFFSET	SIDE		EACH
96+90.46	11.50	LT		1
96+90.42	9.88	RT		1
97+94.16	11.31	LT		1
97+94.11	9.94	RT		1
101+88.83	11.37	RT		1
101+88.22	11.09	LT		1

44000500 COMB. CURB AND GUTTER REMOVAL TOTAL 568

FROM STATION	TO STATION	SIDE		FOOT
96+00.00	98+87.28	LT		287.28
96+00.00	98+80.93	RT		280.93

63200310 GUARDRAIL REMOVAL TOTAL 118

FROM STATION	TO STATION	SIDE		FOOT
98+71.89	99+03.94	RT		32.05
101+31.77	101+74.20	LT		42.43
101+46.14	101+89.87	RT		43.73

60500050 REMOVING CATCH BASINS TOTAL 1

STATION	OFFSET	SIDE		EACH
98+98.42	10.34	RT		1

EARTHWORK

STATION RANGE	EARTH EXCAV. (CU YD)	ADJUSTED FOR SHRIKAGE (CU YD)	EMBANK-MENT (CU YD)	EARTH BALANCE WASTE (+) SHORT (-) (CU YD)	UNSUIT. MATERIAL EXCAV. (CU YD)	TOPSOIL FURNISH & PLACE (SQ YD)
TOTALS	180.5	135.4	3,015.9	-2,880.5	411.5	3,050.9
95+80.00 TO 96+00.00	8.1	6.1	73.9	-67.8	13.0	116.7
96+00.00 TO 97+00.00	53.7	40.3	929.6	-889.3	129.0	1,100.0
97+00.00 TO 98+00.00	43.5	32.6	1,032.4	-999.8	121.0	922.2
98+00.00 TO 98+94.53	55.1	41.3	884.0	-842.7	106.2	777.2
101+41.53 TO 102+00.00	10.8	8.1	52.5	-44.4	21.7	116.9
102+00.00 TO 103+00.00	9.3	7.0	43.5	-36.5	20.4	17.6
103+00.00 TO 103+10.10	0.0	0.0	0.0	0.0	0.2	0.3

Shrinkage Factor = 25%

Furnished Excavation Required = 2880.5 Cubic Yards

25100630 EROSION CONTROL BLANKET TOTAL 3187

FROM STATION	TO STATION	SIDE	MEASURED AREA (SQ FT)	SLOPE	ADJ. AREA (SQ FT)	SQ YD
95+80	98+75	LT	14,050	2:1	15,708	1745
95+85	96+20	RT	945	4:1	974	108
96+20	96+60	RT	1,225	FLAT	1,225	136
96+60	97+00	RT	1,410	3:1	1,486	165
97+00	98+00	RT	2,970	2.5:1	3,199	355
98+00	99+25	RT	2,550	2:1	2,851	317
101+30	103+00	LT	1,660	2:1	1,856	206
101+60	103+10	RT	1,250	2:1	1,398	155

28000400 PERIMETER EROSION BARRIER TOTAL 1054

FROM STATION	OFFSET	TO STATION	OFFSET	SIDE	FOOT
95+80.00	75.00	98+41.26	75.00	LT	261
98+41.26	75.00	98+74.50	17.42	LT	66
95+89.00	50.00	99+13.42	50.00	RT	324
99+13.42	50.00	98+94.61	17.42	RT	38
101+39.56	20.58	101+28.35	40.00	LT	22
101+28.35	40.00	103+10.10	40.00	LT	182
101+62.17	18.58	101+74.54	40.00	RT	25
101+74.54	40.00	103+10.10	40.00	RT	136

28000500 INLET AND PIPE PROTECTION TOTAL 8

STATION	SIDE	DRAINAGE STRUCTURE TYPE	EACH
96+20	LT	INLET	1
96+20	RT	CATCH BASIN	1
97+35	LT	INLET	1
97+35	RT	CATCH BASIN	1
98+42	LT	INLET	1
98+59	RT	CATCH BASIN	1
102+45	LT	CATCH BASIN	1
102+45	RT	INLET	1

28100105 STONE RIPRAP, CLASS A3 TOTAL 13

STATION	SIDE	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ FT)	SQ YD
96+20	RT	10.00	3.00	30.00	3.33
97+35	RT	10.00	3.00	30.00	3.33
98+59	RT	10.00	3.00	30.00	3.33
102+45	LT	10.00	3.00	30.00	3.33

20800150 TRENCH BACKFILL TOTAL 55.6

PIPE I.D.	PIPE DIAMETER (INCH)	PIPE THICKNESS (INCH)	MAXIMUM RIM-INV (FEET)	TRENCH DEPTH (FEET)	TRENCH WIDTH (FEET)	TRENCH LENGTH (FEET)	CU YD
A	12	2	3.97	4.60	2.83	15.68	7.56
B	12	2	4.54	5.17	4.33	2.00	1.66
C	12	2	4.27	4.90	2.83	21.59	11.09
D	12	2	5.37	6.00	4.33	2.00	1.92
E	12	2	4.36	4.98	2.83	32.00	16.74
F	12	2	7.37	8.00	4.33	2.00	2.57
G	12	2	4.33	4.95	2.83	23.39	12.16
H	12	2	5.38	6.00	4.33	2.00	1.93

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
HUNGRY HOLLOW ROAD BRIDGE

SCHEDULE OF QUANTITIES I

SCALE: NTS — DRAWN BY PFR

DATE: 12/06/05 — CHECKED BY JRH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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