

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 666	99-0080-00-RP	DOUGLAS	279	4
FEDORAD DISTAN...	ILLINOIS	PROJECT	C-95-323-07	

TREE REMOVAL					
STATION	OFFSET	O/S	DIAMETER LESS THAN 6"	TREE REMOVAL TO IS UNITS	TREE REMOVAL OVER IS UNITS
8	110+36.45	50.6897	RT		17.0
9	110+37.92	50.7027	LT		37.1
10	110+43.95	39.7112	LT		15.1
11	113+42.55	24.5781	LT		27.0
12	113+60.72	24.8458	LT		16.7
13	113+76.08	24.4742	LT		17.8
14	113+88.64	23.1701	LT		25.7
15	186+77.28	35.6356	RT	6.4	
16	186+86.23	35.8715	RT	8.6	
17	186+90.37	34.9133	RT	12.8	
18	190+46.16	40.2854	RT	5.2	
19	199+16.66	35.1515	RT	7.5	
20	227+14.43	34.7228	RT	8.1	
21	227+21.64	38.6115	RT	0.0	
22	227+29.52	37.3962	RT	9.2	
23	227+40.48	36.3268	RT	11.7	
24	227+47.69	26.9447	RT	10.7	
25	227+52.37	36.6088	RT	9.5	
26	227+58.51	25.1296	RT	11.3	
27	227+64.12	35.5995	RT	12.9	
28	229+72.45	39.4043	RT	0.0	
SUBTOTAL				5.2	108.7
TOTAL QUANTITY				24	109
SUBTOTAL				5.2	156.4

PREPARED BY: DLE
CHECKED BY: GD 1/24/08

REMOVAL SCHEDULE									
STATION	OFFSET	RT/LT/CL	CULVERT REMOVAL						PIPE CULVERT 4"
			CMP CULVERT 12" (FOOT)	CMP CULVERT 15" (FOOT)	CMP CULVERT 18" (FOOT)	CMP CULVERT 24" (FOOT)	ARCH CMP CULVERT 24" (FOOT)	ARCH CMP CULVERT 36" (FOOT)	
24+16.01	28.0221	RT		50.00					
28+21.11	3.2565	RT			29.00				
30+91.20	21.4366	RT		30.00					
37+59.30	30.8932	RT		26.00					
38+88.63	3.7021	LT		26.00					
38+88.99	30.2954	RT		25.00					
41+54.50	26.6714	RT		23.00					
51+27.52	10.2733	RT		59.00					
53+21.03	6.1157	RT	95.00						
54+61.20	4.8712	RT	26.00						
57+12.18	14.6618	LT		30.00					
66+16.54	36.3494	LT			59.00				
90+17.39	52.3344	RT		50.00					
96+84.77	3.0643	RT		23.00					
97+07.42	33.5827	RT		20.00					
100+07.06	33.1267	RT		20.00					
104+20.72	23.4434	RT		30.00					
107+55.56	0	CL		28.00					
110+28.89	27.4551	RT		16.00					
114+88.63	11.7903	LT		46.00					
115+94.75	18.3311	LT		24.00					
117+17.42	16.5311	RT		25.00					
120+17.96	17.415	RT		27.00					
123+75.17	17.0667	RT		21.00					
128+72.41	18.3907	LT		16.00					
129+47.15	11.9332	LT	26.00						
136+90.19	18.0313	RT		43.00					
137+00.26	15.9644	LT		23.00					
150+06.22	18.4921	RT		23.00					
150+10.28	18.8398	LT			34.00				
155+86.68	18.1495	LT			30.00				
161+01.90	20.7178	LT			30.00				
161+17.62	16.0484	RT		24.00					
162+06.75	23.6932	LT			24.00				
162+07.19	25.3873	RT			26.00				
162+68.53	20.0504	RT				31.00			
170+14.68	12.4437	RT					42.00		
173+73.24	41.9479	RT		12.00					
174+35.02	41.3809	RT			24.00				
177+40.77	31.1778	RT		40.00					
177+44.40	1.4555	RT		21.00					
185+65.21	31.7752	RT		32.00					
186+57.16	30.433	RT		27.00					
188+05.41	29.887	RT		40.00					
189+60.40	29.3654	RT		16.00					
190+53.59	28.6152	RT		12.00					
193+02.11	26.6676	RT		23.00					
196+75.03	26.2261	RT		21.00					
196+75.00	26.502	RT	21.00						
197+00.90	25.6611	RT		20.00					
197+00.92	25.4927	RT	20.00						
197+99.08	1.6197	LT			38.00				
198+12.14	25.5512	RT	22.00						
203+43.56	11.5651	LT			40.00				
209+64.45	10.545	LT			75.00				
211+66.99	44.5988	RT			120.00				
217+35.65	24.1846	RT			26.00				
220+14.77	22.251	RT			37.00				
224+47.99	20.2993	RT			24.00				
225+33.49	19.6262	RT			16.00				
226+94.06	22.1398	RT					6.00		
230+32.03	25.8658	RT					55.00		
230+33.04	26.4021	LT					60.00		
SUBTOTAL			210	1367	222	65	115	42	6
TOTAL QUANTITY						2027			

PREPARED BY: JEC
CHECKED BY: DLE 3/5/08

DRAINAGE STRUCTURE SCHEDULE												
STATION	O/S	NORTHING	EASTING	STRUCTURE ID	OUTLET (EACH)	60200805		60207605		60218400		STRUCTURE ID
						CATCH BASINS TYPE A 4" DIA TYPE B GRATE (EACH)	CATCH BASINS TYPE C 4" DIA TYPE B GRATE (EACH)	MANHOLES TYPE A 4" DIA TYPE B GRATE (EACH)	MANHOLES TYPE C 4" DIA TYPE B GRATE (EACH)	INLETS TYPE B TYPE B GRATE (EACH)	INLETS TYPE B TYPE B GRATE (EACH)	
25+68.10	29.12	LT	1097698.6584	947696.4282	A-2							A-2
27+21.42	28.20	RT	1097647.1368	947852.0192	A-3							A-3
40+59.45	34.89	RT	1097652.2136	949189.1477	A-4							A-4
47+00.00	31.49	RT	1097654.6448	949829.3928	A-5							A-5
54+00.00	26.45	RT	1097657.3023	950529.4060	A-6							A-6
56+75.56	37.53	RT	1097645.2841	950804.9292	A-7							A-7
58+09.66	37.39	RT	1097644.9678	950939.0281	A-8							A-8
71+59.48	34.48	RT	1097643.5423	952288.8962	A-9							A-9
77+50.02	32.46	RT	1097649.0934	952880.4909	A-10							A-10
43+00.00	32.56	LT	1097720.0621	949429.6134	B-1							B-1
56+75.56	34.21	LT	1097717.0200	950805.1736	B-2							B-2
108+99.97	35.10	RT	1097643.9941	956028.6702	C-1							C-1
110+52.02	23.59	RT	1097655.1939	956180.7820	C-2							C-2
113+00.00	21.17	RT	1097657.1237	956428.7635	C-3							C-3
113+00.00	21.17	LT	1097659.4570	956428.8479	C-3-1							C-3-1
115+50.00	21.17	RT	1097656.6293	956678.7630	C-4							C-4
115+50.00	21.17	LT	1097658.9589	956678.8474	C-4-1							C-4-1
117+99.52	30.21	RT	1097647.0808	956928.2664	C-5							C-5
121+49.03	27.40	RT	1097649.2030	957777.7752	C-6							C-6
124+99.50	35.46	RT	1097640.4408	957628.2334	C-7							C-7
138+89.60	35.94	RT	1097636.8459	959018.2636	C-8							C-8
156+39.54	41.01	RT	1097619.1971	960168.1509	C-9							C-9
162+22.75	56.59	RT	1097607.4966	961351.3213	C-10							C-10
162+60.80	51.32	RT	1097612.6259	961389.3888	D-1							D-1
164+26.70	46.66	RT	1097616.6702	961555.3105	D-2							D-2
174+23.69	37.63	RT	1097639.0611	962263.4992	D-3							D-3
178+75.22	35.19	RT	1097646.9770	963003.5921	D-4							D-4
190+25.10	28.65	RT	1097649.2270	964153.4917	D-5							D-5
195+53.00	32.31	RT	1097643.5977	964681.3699	D-6							D-6
205+00.00	38.88	RT	1097633.4992	965628.3431	D-7							D-7
57+04.23	47.15	LT	1097729.8632	950833.8853	E-1							E-1
57+20.00	196.02	LT	1097878.6850	950850.1657	E-2							E-2
57+56.51	92.39	LT	1097774.9237	950886.3198	F-1							F-1
57+51.24	200.27	LT	1097862.8223	950881.4123	F-2							F-2
71+72.19	35.27	LT	1097713.1597	952301.7415	S-1							S-1
77+84.83	29.12	LT	1097712.4052	952313.1908	S-2							S-2
107+50.99	40.24	LT	1097720.6553	953880.3987	S-3							S-3
229+78.12	31.43	LT	1097689.6639	958106.1851	S-4							S-4
229+78.58	33.92	RT	1097624.3133	958106.1851	S-5							S-5
SUBTOTAL						12	5	5	5	2	4	2
TOTAL QUANTITY						12	5	5	5	2	4	2

PREPARED BY: JEC
CHECKED BY: GD 3/5/2008

EARTHWORK SCHEDULE						
OPERATION	20200100 EXCAVATION (CU YD)	SHRINKAGE FACTOR	PERCENT USED	AVAILABLE + EXCAVATION (CU YD)	REQUIRED EMBANKMENT (CU YD)	BALANCE EARTHWORK (CU YD)
EARTH EXCAVATION (CH-11)	28354.69	25%	95%	20203	28541.90	-8.339
EARTH EXCAVATION (SIDE ROADS)	1541.49	25%	95%	1098	0.00	1,098
RIPRAP EXCAVATION	250	25%	75%	141	0.00	141
CHANNEL EXCAVATION	135	25%	75%	76	0.00	76
TOTAL	29896.2			21517.6	28541.9	-7024.3
USE	29900					7050

Prepared by: JEC
Checked by: GD 3/5/08

SCHEDULES			
Revisions	Surveyed	DLE	
1	DATE	INITIALS	Designed: JEC
2			Drawn: JEC
3			Checked: ---
4			Approved: JEC
5			
6			
7			
Job No.:	NA	Date:	1/08

FAS ROUTE 666 (CH 11)
DOUGLAS COUNTY, ILLINOIS

DOUGLAS COUNTY HIGHWAY DEPARTMENT
TUSCOLA, ILLINOIS