

TREE REMOVAL SCHEDULE
US 45 (LA GRANGE RD) - ALONG THE DITCH LINE ON THE NORTH

LOCATION STATION	OFFSETS (FEET)	DESCRIPTION		REASON FOR REMOVAL
		CIRCUM. (INCH)	6 TO 15 UNITS	
101 + 87	2.2	27.96	8.90	DITCH
101 + 87	2.2	33.12	10.54	DITCH
101 + 87	2.2	18.96	6.04	DITCH
101 + 87	2.2	39.96	12.72	DITCH
101 + 95	7.3	24.84	7.91	DITCH
102 + 22	37.4	27.00	8.59	DITCH
102 + 43	50	47.40	15.09	DITCH
102 + 56	61	22.92	7.30	DITCH
102 + 60	64	45.72	14.55	EMBANKMENT
102 + 60	64	50.40	16.04	EMBANKMENT
TOTAL		76.55	31.13	

TREE REMOVAL SCHEDULE
US 45 (LA GRANGE RD) - LEFT SIDE (NORTH)

LOCATION STATION	OFFSETS (FEET)	DESCRIPTION		REASON FOR REMOVAL
		CIRCUM. (INCH)	6 TO 15 UNITS	
60 + 23.16	80.38	55.20	17.57	EASEMENT
60 + 12.05	72.25	21.60	6.88	EASEMENT
60 + 0.20	65.74	39.00	12.41	EASEMENT
59 + 89.52	69.26	45.60	14.51	DEAD
59 + 88.61	77.38	33.20	10.89	EASEMENT
59 + 80.70	60.30	22.80	7.26	EASEMENT
59 + 78.96	63.54	19.80	6.30	EASEMENT
59 + 70.94	55.21	55.20	17.57	EASEMENT
59 + 63.20	54.06	37.80	12.08	EASEMENT
59 + 49.37	49.11	19.80	6.30	EASEMENT
59+ 37.80	39.12	21.12	6.72	EASEMENT
59 + 37.80	39.12	48.84	15.55	EASEMENT
59 + 39.81	35.32	25.80	8.21	EASEMENT
59 + 39.81	35.32	29.64	9.43	EASEMENT
TOTAL		100.99	50.69	

TREE REMOVAL SCHEDULE
US 45 (LA GRANGE RD) - RIGHT SIDE (SOUTH)

LOCATION STATION	OFFSETS (FEET)	DESCRIPTION		REASON FOR REMOVAL
		CIRCUM. (INCH)	6 TO 15 UNITS	
60 + 05	37.70	48	15.28	EMBAKMENT
TOTAL			15.28	

EARTHWORK (DITCH) SCHEDULE

US 45 UNDER EJ & E VIADUCT IN FRANKFURT, IL IN WILL COUNTY

①	②	③	④	⑤
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STATIONS	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
STA. 00+00 - STA. 00+50	128.24	109.00	00.00	+109.00
STA. 00+50 - STA. 01+00	223.61	190.07	00.00	+190.07
STA. 01+00 - STA. 01+50	165.74	140.88	00.00	+140.88
STA. 01+50 - STA. 01+75.71	63.08	53.62	00.00	+53.62
STA. 01+75.71 - STA. 02+00	43.41	36.90	00.00	+36.90
STA. 02+00 - STA. 02+50	66.20	56.27	00.00	+56.27
STA. 02+50 - STA. 03+00	44.91	38.17	00.00	+38.17
STA. 03+00 - STA. 03+50	19.91	16.92	00.00	+16.92
STA. 03+50 - STA. 04+00	4.17	3.54	00.00	+3.54
TOTAL	759.27	645.37	00.00	+645.37

COLUMN 1: LOCATION FROM PLANS
 COLUMN 2: QUANTITY OF EARTH EXCAVATION (CUT) FROM CROSS SECTIONS
 COLUMN 3: QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 15%
 COLUMN 4: QUANTITY OF EMBANKMENT (FILL) FROM CROSS SECTIONS
 COLUMN 5: (COLUMN 3-COLUMN 4)
 (-) = QUANTITY OF FURNISHED EXCAVATION NEEDED
 (+) = QUANTITY TO BE WASTED

NOTE:
 ADDITIONAL EARTH EXCAVATION QUANTITY (310 CU YD.) WILL BE NECESSARY FOR SLOPE STABILIZATION ON US 45 AS SHOWN ON THE PLAN.

ADDITIONAL EARTH EXCAVATION QUANTITY (37 CU YD.) AND FURNISHED EXCAVATION (56 CU YD) WILL BE NECESSARY FOR THE CONSTRUCTION OF THE CONCRETE HEADWALL.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS
 THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE TYPE	AC/PG	AIR VOIDS (%)	THICKNESS
HMA PATCHING			
CLASS D PATCH (HMA BINDER IL-19 mm)	PG 64-22*	4%@70 GYR	9"
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	PG 64-22*	4%@70 GYR	N/A

NOTE:
 THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUNDS PER SQUARE YARD PER INCH.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22