

EARTH EXCAVATION - 20200100

ROAD NAME	STATION	END AREAS		DISTANCE FT.	Volume		
		CUT S.F.	FILL S.F.		20200100 EARTH EXCAVATION (Suitable Exc.) CU. FT.	EMBANKMENT (Fill) CU. FT.	
							FILL ADJUSTMENT (SHRINKAGE) FACTOR USED : 0.25 Furnished Exc. = Embankment - [Suitable Exc.* (1-Shrinkage Factor)]
MAIN CENTRAL ROADWAY CONTINUED	16+50.00	15.4	154.7	50.00	457.5	10650.0	
	17+00.00	83.0	90.5	50.00	2460.0	6130.0	
	17+50.00	48.8	75.9	50.00	3295.0	4160.0	
	18+00.00	57.5	67.0	50.00	2657.5	3572.5	
	18+50.00	73.5	43.6	50.00	3275.0	2765.0	
	19+00.00	64.1	37.8	50.00	3440.0	2035.0	
	Intersection				12690.0	2970.0	
	21+00.00	51.0	72.2				
	21+50.00	19.9	167.6	50.00	1772.5	5995.0	
	22+00.00	1.0	275.0	50.00	522.5	11065.0	
	22+50.00	0.0	344.4	50.00	25.0	15485.0	
	Intersection				6750.0	4590.0	
	IL 38	156+65.79	16.2	2.3			
		157+00.00	19.9	0.0	34.21	617.5	38.5
		157+50.00	19.4	4.1	50.00	982.5	101.3
		158+00.00	22.6	1.7	50.00	1050.0	142.5
158+50.00		18.1	14.1	50.00	1017.5	392.5	
159+00.00		16.3	31.7	50.00	858.8	1142.5	
159+50.00		10.2	35.2	50.00	660.0	1670.0	
160+00.00		20.2	19.7	50.00	758.8	1371.3	
160+50.00		23.0	13.3	50.00	1080.0	825.0	
161+00.00		14.0	17.3	50.00	925.0	763.8	
161+38.87		11.9	17.5	38.87	502.4	674.4	
161+50.00		20.4	16.6	11.13	179.2	189.2	
162+00.00		28.5	15.7	50.00	1220.0	806.3	
162+50.00		27.4	8.0	50.00	1396.3	591.3	
162+67.56		28.4	5.5	17.56	489.9	117.7	
163+00.00		25.0	9.1	32.44	865.3	236.0	
163+50.00		28.5	13.9	50.00	1336.3	573.8	
164+00.00		26.5	15.3	50.00	1375.0	728.8	
164+50.00		30.0	31.5	50.00	1412.5	1168.8	
165+00.00		22.0	34.0	50.00	1298.8	1635.0	
165+50.00		25.3	33.4	50.00	1181.3	1683.8	
166+00.00		30.5	39.2	50.00	1395.0	1813.8	
166+50.00		33.4	35.2	50.00	1596.3	1858.8	
167+00.00		33.5	35.4	50.00	1670.0	1763.8	
167+50.00		23.5	0.8	50.00	1423.8	903.8	
168+00.00		20.6	2.1	50.00	1101.3	72.5	
168+50.00		22.1	7.0	50.00	1065.0	227.5	
169+00.00		20.3	104.8	50.00	1057.5	2793.8	
169+50.00		20.5	114.4	50.00	1018.8	5477.5	
170+00.00		23.6	120.9	50.00	1101.3	5881.3	
170+50.00		33.3	90.4	50.00	1421.3	5281.3	
171+00.00		32.5	73.4	50.00	1643.8	4092.5	
171+50.00		44.6	55.9	50.00	1926.3	3231.3	
172+00.00	39.0	29.3	50.00	2088.8	2128.8		
172+50.00	47.5	33.4	50.00	2161.3	1566.3		
173+00.00	38.9	31.5	50.00	2158.8	1621.3		
173+50.00	28.5	32.7	50.00	1682.5	1602.5		
174+00.00	26.1	29.0	50.00	1362.5	1540.0		
174+50.00	29.5	25.1	50.00	1388.8	1350.0		
175+00.00	29.6	23.7	50.00	1476.3	1217.5		
175+50.00	35.5	24.3	50.00	1625.0	1198.8		
176+00.00	35.4	16.2	50.00	1770.0	1011.3		
176+50.00	33.9	18.9	50.00	1730.0	875.0		
177+00.00	31.2	22.8	50.00	1626.3	1041.3		
177+50.00	34.1	16.3	50.00	1632.5	976.3		
178+00.00	32.8	12.5	50.00	1671.3	718.8		
178+50.00	29.0	11.7	50.00	1542.5	605.0		
179+00.00	29.5	2.9	50.00	1461.3	363.8		
179+50.00	27.7	0.0	50.00	1430.0	71.3		
SE POND AT IL 38				198720.0	84510.0		
EAST-WEST SOUTH POND				1079190.0	13554.0		
EAST-WEST NORTH POND				1436562.0	3807.0		
TOTAL (SQ. FT.)				3231979.6	1712151.4		
TOTAL (CU. YD.)				119702.95	63413.01		

FURNISHED EXCAVATION -711833.3  
NO FURNISHED EXCAVATION IS NEEDED.

REMOVAL SCHEDULE				40600982	44000100	44000159	X4401198	44000500	44004250
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/2"	HOT - MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	COMBINATION CURB AND GUTTER REMOVAL	PAVED SHOULDER REMOVAL
				SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ YD
ROADWAY	BEGIN STATION	END STATION	OFFSET						
CCDN	120+85	121+57			420.3				
SUBTOTAL				0.0	420.3	0.0	0.0	0.0	0.0
IL 38	156+11	179+65	RT						1737.0
	156+11	156+41		226.6					
	156+75	179+65	RT						1591.1
	162+39	162+92	16 RT		125.2				
	179+15	180+15					792.9		
	180+09	180+49	LT					43.0	
	180+15	180+80.84				645.9			
SUBTOTAL				226.6	125.2	645.9	792.9	43.0	3328.1
TOTAL				226.6	545.5	645.9	792.9	43.0	3328.1

TREE REMOVAL SCHEDULE				20100110
LOCATION				TREE REMOVAL (6 TO 15 UNITS DIAMETER)
				UNITS
ROADWAY	BEGIN STATION	OFFSET		
HARS	221+38.82	6.05 RT		6
	221+38.87	4.00 LT		6
	221+39.68	37.99 LT		15
	221+40.37	18.05 LT		6
	221+40.62	58.04 LT		12
	221+42.25	54.72 LT		15
	221+51.69	41.85 LT		12
	221+53.75	39.86 LT		12
	221+55.01	43.21 LT		12
	221+56.03	59.14 LT		13
	221+57.17	33.78 LT		13
	221+57.23	53.30 LT		11
SUBTOTAL				133
MAIN CENTRAL	0+67.90	69.17 LT		8
SUBTOTAL				8

EXPLORATION TRENCH SCHEDULE					61100500
LOCATION					EXPLORATION TRENCH 52" DEPTH
					FOOT
ROADWAY	BEGIN STATION	OFFSET	END STATION	OFFSET	
HARS	315+00.00	89 LT	319+00.00	89 LT	400
SUBTOTAL					400
EAST WEST	208+25.00	50 RT	210+50.00	50 RT	225
SUBTOTAL					225
CCDN	105+75.00	75 RT	108+10.00	75 RT	235
SUBTOTAL					235
MAIN CENTRAL	2+50.00	100 LT	5+50.00	100 LT	300
SUBTOTAL					300
TOTAL					1160



LAYOUT: MWH 08/23/10 Huss/JCH  
DRAWN: MWH 11/04/10 JNCS/200  
REVISED: PJA 11/24/10 JNCS/200  
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FILE NAME = 0-205-SCHUB	USER NAME = MWH	DESIGNED - DPA	REVISIONS -
		DRAWN - MWH	REVISIONS -
		CHECKED - DPA	REVISIONS -
		DATE - 11/04/10	REVISIONS -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTHERN ILLINOIS UNIVERSITY  
FAR WEST CAMPUS EXPANSION  
SCHEDULE OF QUANTITIES