

GUARDRAIL AND TRAFFIC BARRIER TERMINALS

LOCATION DESCRIPTION	FROM		TO		STEEL PLATE BEAM GR TYPE A (FOOT)	TRAF BAR TERM T1 SPECIAL TANG (EACH)	TRAF BAR TERM T2 (EACH)	TRAF BAR TERM T6 (EACH)	TRAF BAR TERM T6B (EACH)	GUARDRAIL MARKERS (EACH)	TERM MRKERS DIRECT APPLIED (EACH)	
	STATION	OFFSET	STATION	OFFSET								
I-57 SB EXIT RAMP E	4107+83.1	15.6 LT	4112+58.3	35.3 RT	462.5		1			7		
I-57 NB EXIT RAMP J	4304+33.4	0.6 LT	4307+58.4	25.3 RT	300.0		1			5		
I-57 NB ENTRANCE RAMP K	4402+78.9	22.0 RT	4407+36.8	7.4 RT	362.5	1				6	1	
147th ST - WESTBOUND APPROACH TO I-57 BRIDGE	1060+14.5	54.0 LT	1061+07.6	63.2 LT		1		1		4	1	
147th ST - EASTBOUND APPROACH TO I-57 BRIDGE	1057+77.2	64.0 RT	1058+70.3	54.0 RT		1			1	4	1	
					TOTALS	1125.0	3.0	2.0	1.0	1.0	26.0	3.0

EARTH EXCAVATION SCHEDULE

LOCATION DESCRIPTION	STATION TO STATION	EARTH EXCAVATION (CU YD)	REM & DIS OF UNSUITABLE MATERIAL (CU YD)	EARTH EXC. ADJ. FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE - WASTE (+) OR SHORTAGE (-) (CU YD)	POROUS GRANULAR EMBANKMENT, SUBGRADE (CU YD)
147 TH		28670.0	2560.0	28669.2	4205.0	24464.2	
DIXIE		10080.0	620.0	10079.2	1145.0	8934.2	
KEDZIE		665.0	30.0	664.2	95.0	569.2	
RAMP E		3705.0	525.0	3704.2	1935.0	1769.2	
RAMP F		1165.0	105.0	1164.2	30.0	1134.2	
RAMP J		6065.0	550.0	6064.2	1070.0	4994.2	520.0
RAMP K		500.0	210.0	499.2	1230.0	-730.9	
HIGH MAST LIGHT TOWERS		27.0	115.0	26.2	389.0	-362.9	
	TOTALS =	50877.0	4715.0	50870.2	10099.0	40771.2	520.0
	PCC ALTERNATE: TOTALS (ROUNDED TO NEAREST 5 CU YDS) =	50880.0	4715.0	N/A	N/A	40775.0	520.0
	HMA ALTERNATE: TOTALS (ROUNDED TO NEAREST 5 CU YDS) =	47615.0	4715.0	N/A	N/A	40775.0	520.0

EARTHWORK NOTES:

- STATION LIMITS, EXCAVATION QUANTITIES, UNSUITABLE QUANTITIES, AND EMBANKMENT QUANTITIES WERE DERIVED FROM CROSS SECTIONS.
- THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL QUANTITY WAS BASED ON A ASSUMED DEPTH OF 4 INCHES.
- EARTH EXCAVATION ADJUSTED FOR SHRINKAGE = EXCAVATION QUANTITY X (1-SHRINKAGE FACTOR (.15)).
- EARTHWORK BALANCE = EARTHWORK TO BE REMOVED (WASTE (+)) OR EARTHWORK REQUIRED (SHORTAGE (-)) : PAID FOR AS FURNISHED EXCAVATION).
- ALL PAY ITEMS HAVE BEEN ROUNDED UP TO THE NEAREST 5 CUBIC YARDS.
- HMA ALTERNATE EARTH EXCAVATION QUANTITY ADJUSTED FOR REDUCED DEPTH OF EXCAVATION

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - BES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	147TH STREET PROJECT SCHEDULE OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BES	REVISED -					XX	(0405-1 & 0506-2) R-1	COOK	577	36
	PLOT DATE =	CHECKED - JPM	REVISED -					CONTRACT NO. 60M57		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
	DATE - 5/23/2012	REVISED -		SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					