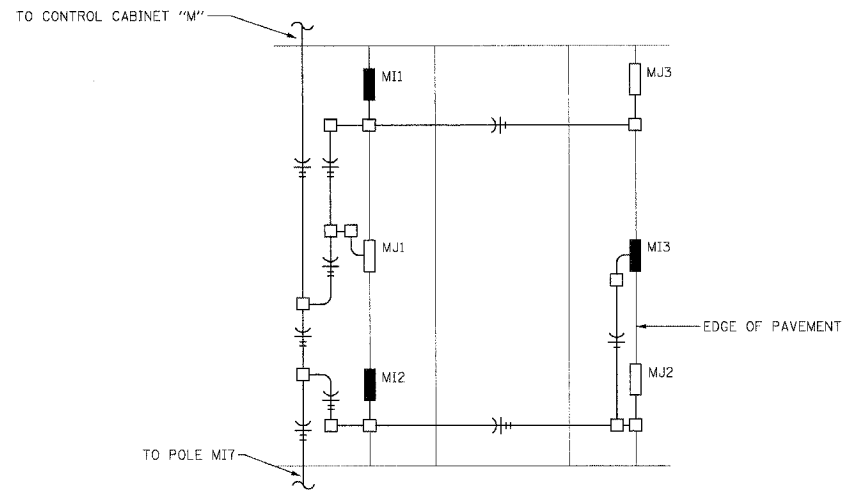
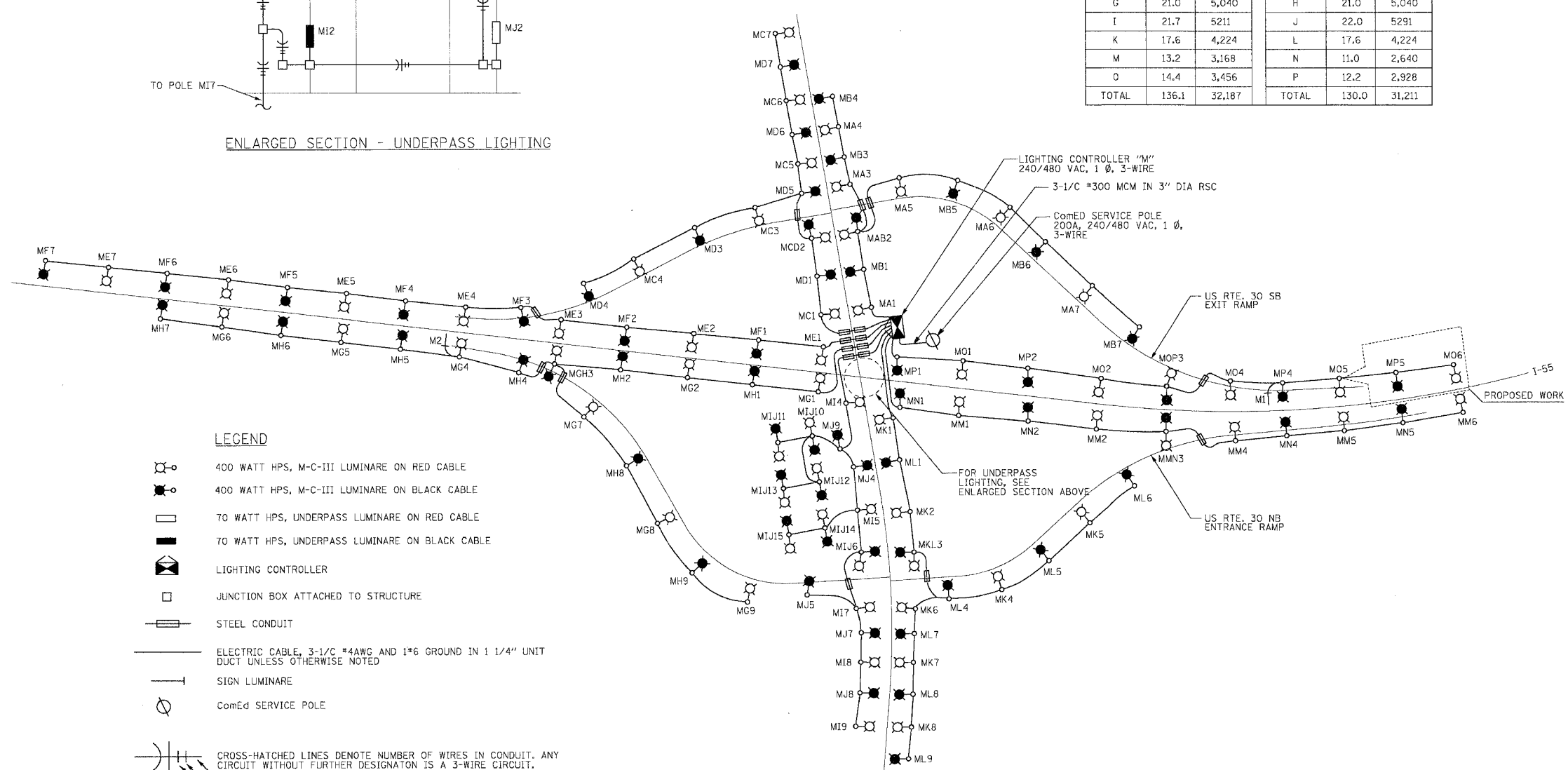
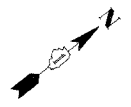


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2007-003 I	WILL	44	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	15.4	3,696	B	15.4	3,696
C	15.4	3,696	D	15.4	3,696
E	15.4	3,696	F	15.4	3,696
G	21.0	5,040	H	21.0	5,040
I	21.7	5211	J	22.0	5291
K	17.6	4,224	L	17.6	4,224
M	13.2	3,168	N	11.0	2,640
O	14.4	3,456	P	12.2	2,928
TOTAL	136.1	32,187	TOTAL	130.0	31,211



LEGEND

- 400 WATT HPS, M-C-III LUMINAIRE ON RED CABLE
 - 400 WATT HPS, M-C-III LUMINAIRE ON BLACK CABLE
 - 70 WATT HPS, UNDERPASS LUMINAIRE ON RED CABLE
 - 70 WATT HPS, UNDERPASS LUMINAIRE ON BLACK CABLE
 - LIGHTING CONTROLLER
 - JUNCTION BOX ATTACHED TO STRUCTURE
 - STEEL CONDUIT
 - ELECTRIC CABLE, 3-1/8 #4AWG AND 1#6 GROUND IN 1 1/4" UNIT DUCT UNLESS OTHERWISE NOTED
 - SIGN LUMINAIRE
 - ComEd SERVICE POLE
- CROSS-HATCHED LINES DENOTE NUMBER OF WIRES IN CONDUIT. ANY CIRCUIT WITHOUT FURTHER DESIGNATION IS A 3-WIRE CIRCUIT.
- 3/4" RIGID STEEL CONDUIT ATTACHED TO STRUCTURE
- PHASE(S)
(AS NEEDED)
(BLACK / RED)
- GROUND (GREEN)
NEUTRAL (WHITE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (U.S. 6 TO U.S. 30)
PARK AND RIDE LOTS

**LIGHTING CONTROLLER "M"
WIRING DIAGRAM**

SCALE: N.T.S. DRAWN BY MMP
DATE 06/14/07 CHECKED BY JM

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 06/14/07
 FILE NAME = 061407.DGN
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = USER06