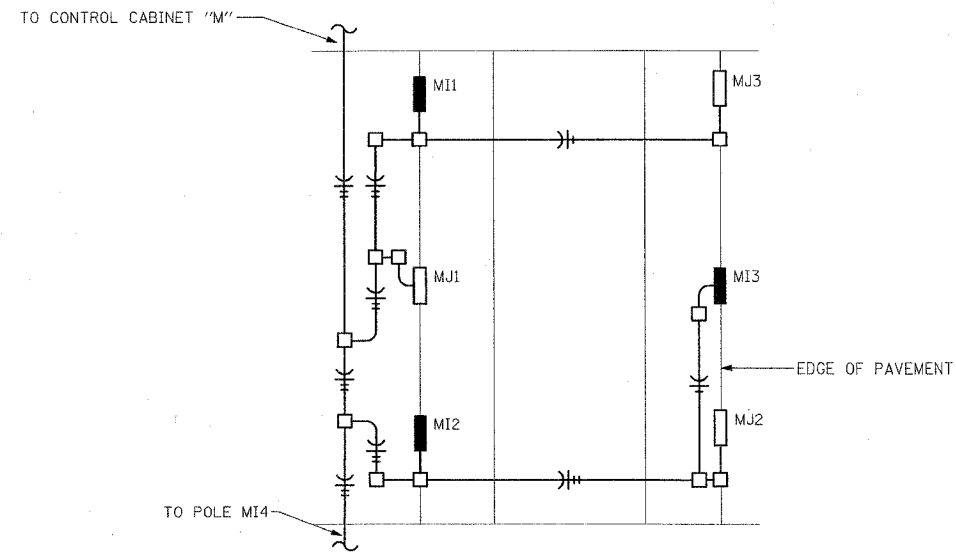
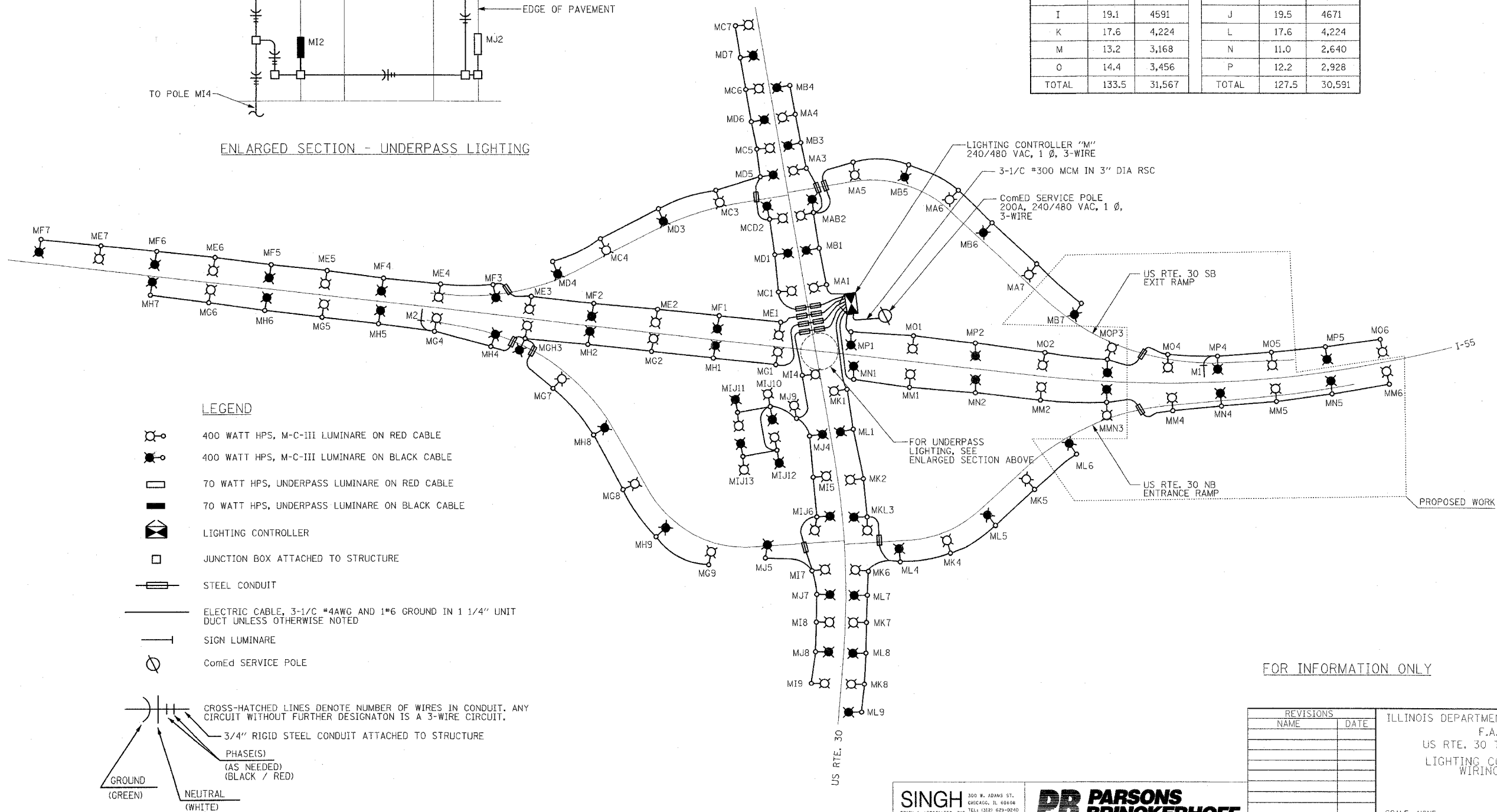


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WPS-1	WILL	227	141
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
L-4 OF 7				

LOAD TABLE LIGHTING CONTROLLER "M"					
CIRCUIT	RED PHASE		CIRCUIT	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	19.1	4,591	J	19.5	4,671
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	133.5	31,567	TOTAL	127.5	30,591



ENLARGED SECTION - UNDERPASS LIGHTING



LEGEND

- 400 WATT HPS, M-C-III LUMINARE ON RED CABLE
- 400 WATT HPS, M-C-III LUMINARE ON BLACK CABLE
- 70 WATT HPS, UNDERPASS LUMINARE ON RED CABLE
- 70 WATT HPS, UNDERPASS LUMINARE ON BLACK CABLE
- LIGHTING CONTROLLER
- JUNCTION BOX ATTACHED TO STRUCTURE
- STEEL CONDUIT
- ELECTRIC CABLE, 3-1/2 #4AWG AND 1#6 GROUND IN 1 1/4" UNIT DUCT UNLESS OTHERWISE NOTED
- SIGN LUMINARE
- 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)

FOR INFORMATION ONLY

L-4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. I-55
US RTE. 30 TO 143rd STREET
LIGHTING CONTROLLER "M"
WIRING DIAGRAM

SCALE: NONE
DATE: 02-23-07

DRAWN BY: VG
CHECKED BY: PV

SINGH
300 W. ADAMS ST.
CHICAGO, IL 60609
TEL: (312) 629-9240
FAX: (312) 629-8449
CONSULTING ENGINEERS

PB PARSONS BRINCKERHOFF

FINAL