



CONTROLLER @ ELGIN O'HARE AND SPRINGSGUTH ROAD
(STANDARD 2-POLE 175AMP MAIN)

CIRCUIT	RED		CIRCUIT	BLACK	
	AMPS @ 240V	VA		AMPS @ 240V	VA
A	29.3	7022	B	27.0	6485
C	30.2	7240	D	30.2	7240
I	31.1	7462	J	26.7	6396
K	24.3	5829	L	24.3	5829
TOTAL	114.9	27553	TOTAL	108.2	24030
E	33.4	8005	F	33.4	8005
G	21.8	5243	H	24.0	5776
M	36.8	9120	N	33.6	8064
O	SPARE	SPARE	P	SPARE	SPARE
TOTAL	91.2	22368	TOTAL	91.0	21845
RED TOTAL	206.1		BLACK TOTAL	199.2	
TOTAL LOAD	405.3				

LEGEND

- 400W, 240V LUMINAIRE, RED
- 400W, 240V LUMINAIRE, BLACK
- SIGN LUMINAIRE, RED
- SIGN LUMINAIRE, BLACK
- ▭ 55W, 240V UNDERPASS LUMINAIRE, RED
- ▬ 55W, 240V UNDERPASS LUMINAIRE, BLACK
- ⊠ EXISTING IDOT CONTROLLER "N"
- UNIT DUCT 3 1/C #2 1/C #4 GROUND

NOTES:

- EXISTING CIRCUITS A, B, C, D, G, H, I, J, M AND N TO REMAIN. NOT SHOWN IN WIRING. LOAD TABLE REFLECTS THE LOAD AS INSTALLED ORIGINALLY FOR EACH OF THESE CIRCUITS.

FILE NAME: C:\Projects\2011\0716\Gary Travis Parkway - STD\Design\Sheet\IDOT Wiring Diagram.dwg

<p>AMES Engineering, Inc. CONSULTING ENGINEERS 1341 Warren Avenue Downers Grove, IL 60516</p>	USER NAME = vromasht	DESIGNED BL	REVISED	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>GARY AVENUE AT TRAVIS PARKWAY IDOT WIRING DIAGRAM</p>	F.A.U. RTE. 2561	SECTION 11-00237-12-SP	COUNTY DUPAGE/COOK	TOTAL SHEETS 24	SHEET NO. 12			
	PLOT SCALE = 1/8" = 1'-0"	CHECKED - SA	DATE - 03-22-2013			REVISED -	SCALE: N.T.S.	SHEET NO. 12 OF 24 SHEETS	STA. TO STA.	CONTRACT NO. 63821			
	PLOT DATE = 3/21/2013												
	ILLINOIS FED. AID PROJECT HSIP-0043 (029)												