

MIL ENGINERATIVO CURDULIANIS

86.19 W. Br.
Chrizgo, IL
773-283-26

Www.RWAen

Figina Webster & Associates, Inc.



PHASE DESIGNATION DIAGRAM

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LEGEND

DUAL ENTRY PHASE

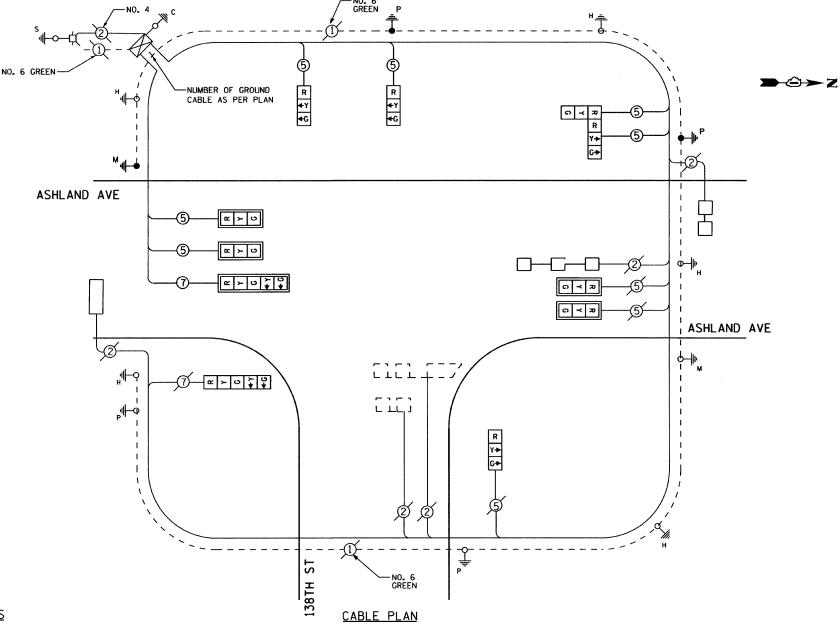
PEDESTRIAN PHASE

SINGLE ENTRY PHASE

OVERLAP

NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION
OVERLAP PERMISSIVE PROTECTED
LETTER PHASE PHASE
D = 8 + 1



I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	
		INCAND.	LED		WATTAGE
SIGNAL (RED)	11	1 35	17	0.50	93.5
(YELLOW)	11	1 35	25	0. 25	68.75
(GREEN)	11	1 35	15	0. 25	41.25
ARROW	4	1 35	12	0.10	4.80
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		252	25	0.05	*
VIDEO SYSTEM		150	-	1.00	
FLASHER LED		<u> </u>			
				TOTAL =	308.3

ENERGY COSTS-

BILLED TO: VILLAGE OF RIVERDALE

157 W. 144+h ST.

RIVERDALE, IL 60827

ENERGY SUPPLY -

CONTACT __ PHONE __ COMPANY __

SCHEDULE OF QUANTITIES

GUANTITY UNIT ITEM

6 SO FT SIGN PANEL - TYPE I
65 FOOT UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
12 FOOT UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
1 EACH MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
612 FOOT ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
93.5 FOOT ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
3 EACH TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
1 EACH TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1 EACH STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
8 FOOT CONCRETE FOUNDATION, TYPE A
13.5 FOOT CONCRETE FOUNDATION, TYPE A
13.5 FOOT CONCRETE FOUNDATION, TYPE A
2 EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
3 EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
1 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
1 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
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1 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
1 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
1 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
2 EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
3 EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
3 EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
3 EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
4 EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
5 EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO LINMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

FILE NAME JSER NAME = \$USER\$ DESIGNED DW REVISED \$FILEL\$ DRAWN JDH REVISED PLOT SCALE = \$SCALE\$ CHECKED DW REVISED PLOT DATE = \$DATE\$ DATE REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ASHLAND AVENUE AND 138TH STREET

CABLE PLAN, SCHEDULE OF QUANTITIES & PHASE DESIGNATION DIAGRAM

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. SECTION COUNTY TOTAL SHEET NO.

2857 2011-054-1 COOK 81 61

CONTRACT NO. 60P64