



PUSH-BUTTON NOTES

PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 3.
 PUSH-BUTTON "B" SHALL PLACE A CALL IN PHASES 3 AND 6.
 PUSH-BUTTON "C" SHALL PLACE A CALL IN PHASES 4 AND 6.
 PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 4.

- TEMPORARY CABLE DIAGRAM LEGEND**
- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
 - [E] TEMPORARY CONTROLLER CABINET
 - [] TEMPORARY SERVICE INSTALLATION
 - (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
 - [▲] EMERGENCY VEHICLE LIGHT DETECTOR
 - [●] CONFIRMATION BEACON
 - [□] VEHICLE DETECTOR, INDUCTION LOOP
 - [○] PEDESTRIAN PUSHBUTTON DETECTOR
 - [] 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - [] MICROWAVE VEHICLE SENSOR
 - [V] VIDEO CAMERA ASSEMBLY
 - [C] CO-AXIAL VIDEO CABLE
 - [E] EXISTING RAILROAD CONTROL CABINET TO REMAIN
 - [T] TELEPHONE SERVICE INSTALLATION

NOTE 1: ALL THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE LED TYPE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		OPERATION	
SIGNAL (RED) (YELLOW) (GREEN)	25	135	17	0.50	212.5
	25	135	25	0.25	156.25
	30	135	15	0.25	112.5
ARROW		135	12	0.10	
PED. SIGNAL	6	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	781.25

TEMPORARY CABLE PLAN

STAGES: PRE-STAGE, STAGE 1, STAGE 1B, STAGE 1C, STAGE 2, STAGE 2B, AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE IN PLACE

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A-POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C-CONTROLLER W/UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'±L-2'
D-CONTROLLER	4 (1.2)	SIGNAL POST	2 (1.0)		(6m±L-0.6m)±
E-MAST POLE		CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
42" (1050mm)	25 (7.6)	GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

TEMPORARY TRAFFIC SIGNAL
(WOOD POLE OPTIONAL FOR SIDE OR PARKWAY AREA).

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60631 TEL. (773) 774-590

REVISIONS	
NAME	DATE
ADDENDUM A	12/21/2009

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY CABLE PLAN,
 ILLINOIS ROUTE 47 AT MAIN STREET
 PRE-STAGE, STAGE 1, STAGE 1B,
 STAGE 1C, STAGE 2, STAGE 2B, AND
 AFTER ALL THE PROPOSED ROADWAY
 GEOMETRICS ARE IN PLACE.

SCALE: N.T.S.
 DATE: APRIL 17, 2009

DRAWN BY: ME,MA,YB
 DESIGNED BY: PKG/RRM
 CHECKED BY: PKG