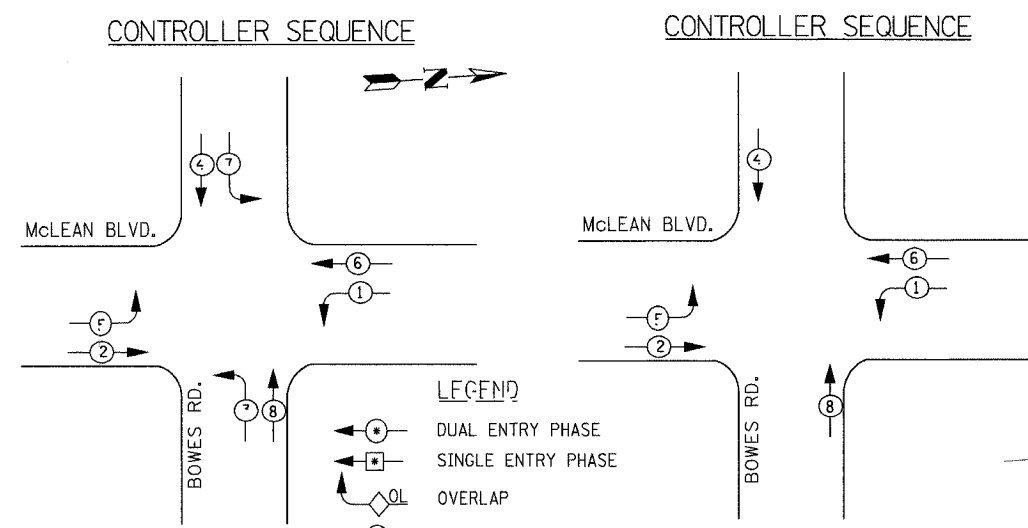


CONTRACT NO. 83737				
F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509196-00094-01-WR		KANE	187	110
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



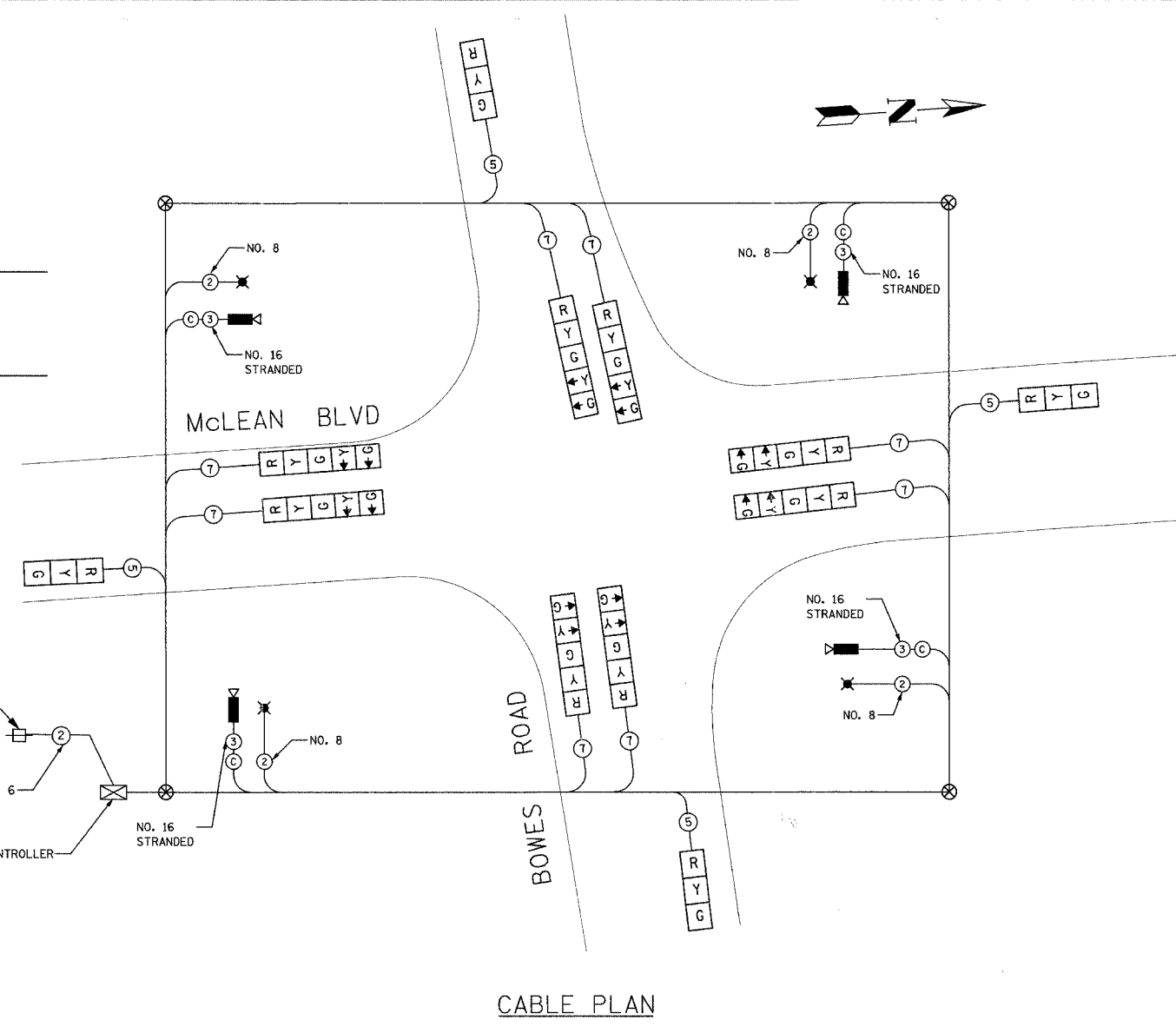
- LEGEND**
- ⊙ DUAL ENTRY PHASE
 - ⊠ SINGLE ENTRY PHASE
 - ⊡ OVERLAP
 - ⊙ PEDESTRIAN PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM FOR STAGES 1, A1, A2, B1, B2, B3, C1, C2 & 3

TEMPORARY PHASE DESIGNATION DIAGRAM FOR STAGES D1, D2 & 2

CONSTRUCTION NOTES

- 1 LEFT TURN ARROWS SHALL BE BAGGED FOR BOWES ROAD FOR STAGES D1, D2, & 2.



- TEMPORARY CABLE DIAGRAM LEGEND**
- ⊠ TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
 - ⊠ TEMPORARY CONTROLLER CABINET
 - ⊠ TEMPORARY SERVICE INSTALLATION
 - ⊙ INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
 - ⊠ EMERGENCY VEHICLE LIGHT DETECTOR
 - ⊠ CONFIRMATION BEACON
 - ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
 - ⊠ VEHICLE DETECTOR, INDUCTION LOOP
 - ⊠ 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - ⊠ VIDEO CAMERA ASSEMBLY
 - ⊠ PROPOSED TEMPORARY LUMINAIRE

CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND.)	WATTAGE (LED)	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	810.00
(YELLOW)	12	135	25	0.25	405.00
(GREEN)	12	135	15	0.25	405.00
ARROW	16	135	12	0.10	216.00
PED. SIGNAL	0	90	25	1.00	
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN	0	84		0.05	
FLASHER				0.50	--
ENERGY COSTS TO: KANE COUNTY DEPARTMENT OF TRANSPORTATION 41W011 Burlington Road St. Charles, IL 60175					TOTAL = 1936.00
ENERGY SUPPLY CONTACT: KATHY NYSTROM PHONE: (847) 816-5489 COMPANY: COM. ED.					

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)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-H-2"= (6m-H-0.6m)=
E - M. ARM POLE		SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	PEDE. PUSHBUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

REVISIONS	
NAME	DATE

URS 100 SOUTH WACKER DRIVE SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

McLEAN BOULEVARD

TEMPORARY CABLE PLAN & TEMPORARY PHASE DESIGNATION DIAGRAM McLEAN BLVD & BOWES RD

SCALE: N.T.S. DRAWN BY VAP
DATE 04/06/2007 CHECKED BY RAM