

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	(127, 128 & 129)	KANE	265	243
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
C-91-236-87				

*** SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	255
HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
* FULL-ACTUATED CONTROLLER AND CABINET, TYPE V, SPECIAL	EACH	1
** MASTER CONTROLLER (SPECIAL)	EACH	1
TRANSCIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	330
DRILL EXISTING HANDHOLE	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE 1	FOOT	90
REMOVE EXISTING HANDHOLE	EACH	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTABLE POWER SUPPLY SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	400
GROUNDING CONDUCTOR, NO. 6 1C	FOOT	400
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	9

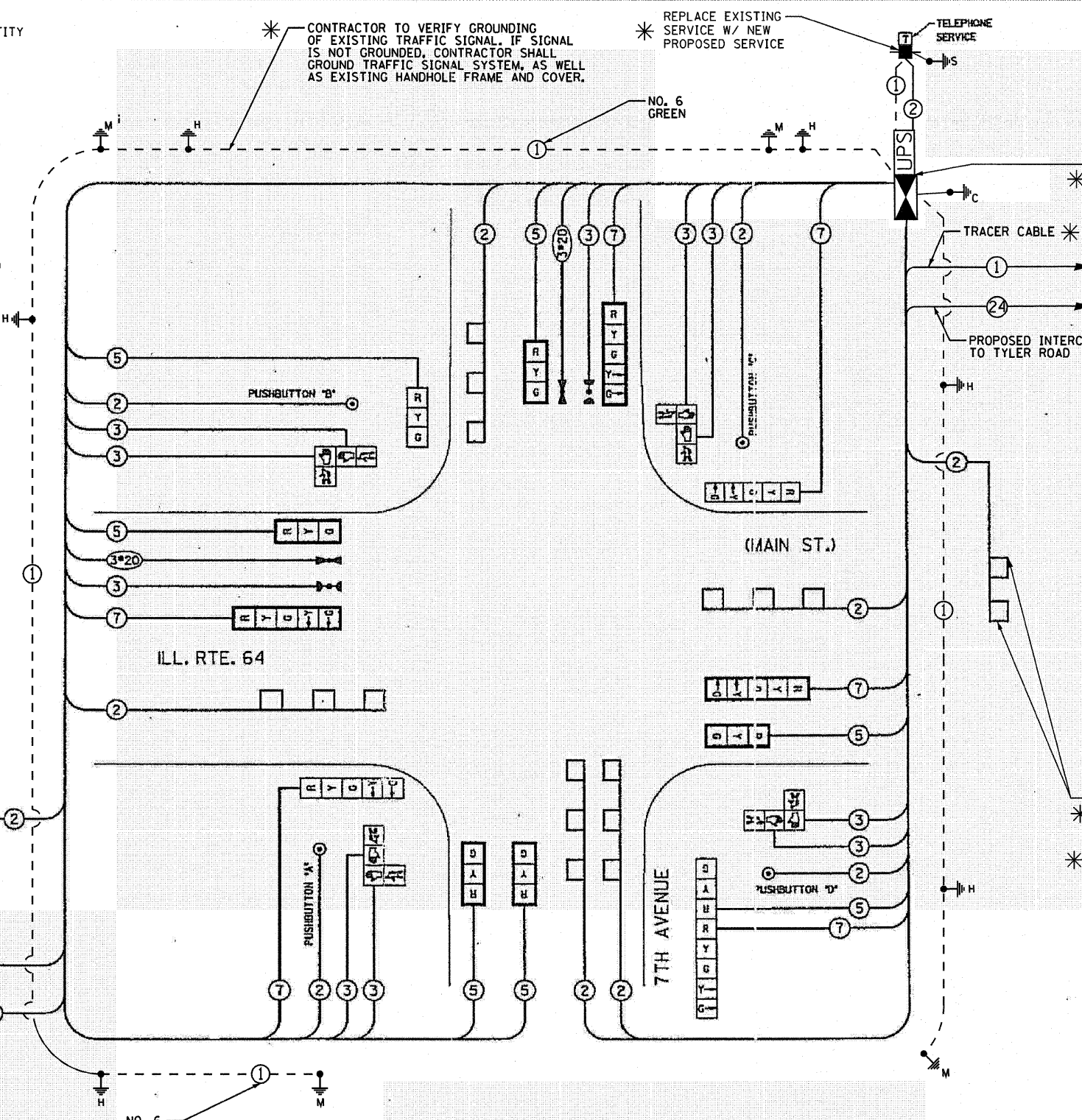
** - 100% COST TO CMAQ

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

* THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

* AT LOCATIONS WHERE UPS IS INSTALLED AND EMERGENCY VEHICLE PRIORITY SYSTEM IS IN USE, ANY EXISTING INCANDESCENT CONFIRMATION BEACONS SHALL BE REPLACED WITH LED LAMPS IN ACCORDANCE WITH THE DISTRICT ONE EMERGENCY VEHICLE PRIORITY SYSTEM SPECIFICATION AT NO ADDITIONAL COST TO THE CONTRACT.

CIVIL ENGINEERING CONSULTANTS
RWA
 Regina Webster & Associates, Inc.
 8619 W. Bryn Mawr Ave., Suite 602
 Chicago, IL 60631-3551
 773-283-2600 Fax 773-283-2602
 www.RWAengineers.com



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	8" (200 mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300 mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300 mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	12" (300 mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	VEHICLE DETECTOR, INDUCTION LOOP
[Symbol]	[Symbol]	MAGNETIC DETECTOR
[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR
[Symbol]	[Symbol]	CONFIRMATION BEACON
[Symbol]	[Symbol]	PUSHBUTTON DETECTOR
[Symbol]	[Symbol]	DEPOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
[Symbol]	[Symbol]	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
[Symbol]	[Symbol]	NO. 62.5/125 12F FIBER OPTIC CABLE
[Symbol]	[Symbol]	TELEPHONE SERVICE

* REPLACE EXISTING DETECTOR LOOP, TYPE 1

* RESTORATION OF WORK AREA.
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEMS 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 UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE PROPOSED CONTROLLERS MAY BE USED IN THE TEMPORARY SIGNAL CABINET IN ORDER TO PROVIDE PROGRESSION THROUGHOUT THE COMMUNITY DURING THE CONSTRUCTION. TWO INTERSECTIONS, ILL. RTE. 25 @ ILLINOIS AVE. AND ILL. RTE. 31 @ PRAIRIE ST. WILL NOT HAVE TEMPORARY SIGNALS. THE CONTROL EQUIPMENT FOR THESE INTERSECTIONS AS WELL AS ALL OTHER TEMPORARY SIGNALS SHALL BE TURNED ON SIMULTANEOUSLY TO GET PROGRESSION WITH TIME BASE COORDINATION.

NOTE:
 PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
 PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.
 PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 5 AND 8.
 PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

* INDICATES WORK FOR CONTRACT 62195

REVISIONS

NAME	DATE
RWA	6/16/10

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES AND CABLE PLAN
 ILL. RTE. 64 (MAIN ST.) AT 7TH AVENUE
 ST. CHARLES, ILLINOIS

SCALE: N.T.S. DATE: 7-24-96
 DRAWN BY: FPB / FCP
 CHECKED BY: ASB / CMZ

CHRISTOPHER B. BURKE ENGINEERING LTD.
 2575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0508

IL ROUTE 64 (MAIN STREET) AT 7th AVENUE
CABLE MODERNIZATION PLAN

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	129 R-2	KANE	243	123
			CONTRACT NO. 62195	
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = #USER#	DESIGNED - DW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
#FILE#		DRAWN - DW	REVISED -	
		CHECKED - JS	REVISED -	
		DATE -	REVISED -	