



LEGEND ◆ DUAL ENTRY PHASE OVERLAP ← -*> → PEDESTRIAN PHASE NUMBER REFERS TO ASSOCIATED PHASE

ST -12F INTERCONNECT TO ⊚⇒✓ **≯**₹ ELLIS D A R W Y WOODLAWN AVE R Y G ର ≺ ଅ-US RTE 30 (LINCOLN HWY) THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM. <u>_</u>5 <u>(</u>5—<u>r</u>≻o NO 62.5/125 12F -FIBER OPTIC CABLE R B Y G -(2)**-(** Я DC **★ ≫. €** INTERCONNECT TO (12F) COTTAGE GROVE AVE TRACER CABLE -

CABLE PLAN

I. D. O. T.											
TRAFFIC SIGNAL INSTALLATION											
ELECTRICAL SERVICE REQUIREMENTS											
TYPE	NO. LAMPS	WATTAGE INCAND. LED		%OPERATION	TOTAL WATTAGE						
SIGNAL (RED)	12	-	17	0.50	102.0						
(YELLOW)	12	-	25	0.25	75.0						
(GREEN)	12	-	15	0.25	45.0						
ARROW	-	-	12	0.10	ı						
PED. SIGNAL	8	-	25	1.00	200.0						
CONTROLLER	1	100	-	1.00	100.0						
ILLUM. SIGN	-	-	25	0.50	ı						
VIDEO SYSTEM	-	150	-	1.00	-						
BATTERY BACKUP	1	25	-	1.00	25.0						
LUMINAIRE	-	250	-	0.50	-						
FLASHER	-	-	25	0.50	ı						

547.0 TOTAL =

BILLED TO: IDOT DISTRICT 1 ENERGY COSTS-

> 201 WEST CENTER COURT SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY-CONTACT BRAD SHINABARGAR 708-325-2692

COMMONWEALTH EDISON

SCHEDULE OF QUANTITES

MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION EACH 1 PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER EACH 8 PEDESTRIAN PUSH-BUTTON EACH 8 MODIFY EXISTING CONTROLLER CABINET EACH 1 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1 UNINTERRUPTABLE POWER SUPPLY, SPECIAL EACH 1 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT EACH 4 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT EACH 4	Items	Unit	Quantity
PEDESTRIAN PUSH-BUTTON EACH 8 MODIFY EXISTING CONTROLLER CABINET EACH 1 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1 UNINTERRUPTABLE POWER SUPPLY, SPECIAL EACH 1 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT EACH 4 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT EACH 4	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET EACH 1 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1 UNINTERRUPTABLE POWER SUPPLY, SPECIAL EACH 1 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT EACH 4 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT EACH 4	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1 UNINTERRUPTABLE POWER SUPPLY, SPECIAL EACH 1 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT EACH 4 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT EACH 4	PEDESTRIAN PUSH-BUTTON	EACH	8
UNINTERRUPTABLE POWER SUPPLY, SPECIAL EACH 1 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT EACH 4 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT EACH 4	MODIFY EXISTING CONTROLLER CABINET	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT EACH 4 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT EACH 4	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT EACH 4	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT	EACH	4
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT	EACH	4
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT EACH 2	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT	EACH	2

RETROFIT ALL EXISTING SIGNAL HEADS TO L.E.D.

CONTRACTOR SHALL REPLACE BROKEN MOUNTING BRACKETS AT ALL RETROFIT SIGNAL HEADS OR AS DIRECTED BY THE ENGINEER, THE COST OF THIS WORK SHALL BE INCLUDED IN THE CORRESPONDING SIGNAL HEAD, LED, RETROFIT PAY ITEM OF THE TYPE AND NUMBER OF SIGNAL HEADS, FACES, AND SECTIONS AS SPECIFIED IN THE PLANS.

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

8 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE

EACH PEDESTRIAN PUSH-BUTTON

TS 21605 FORD HEIGHTS

NO 62.5/125 12F -FIBER OPTIC CABLE

-TRACER CABLE

F	FILE NAME =	USER NAME = SE3	DESIGNED -	WSA	REVISED -		IIS	RTE 30 (LIN	ICOLN HV	VV) AT	FILIS ST -	CARIE PIAN	F.A.	SECTION	COUNTY	TOTAL	SHEET
	D160X64-sht-TS21605.dgn		DRAWN -	WSA	REVISED -	STATE OF ILLINOIS	US RTE 30 (LINCOLN HWY) AT ELLIS ST — CABLE PLAN SCHEDULE OF QUANTITIES. & PHASE DESIG DIAGRAM							2013-075TS	соок	78	62
		PLOT SCALE = 40.0000 '/ in.	CHECKED -	BKS	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRAC	T NO.	60X64
C	Default	PLOT DATE = 2/3/2014	DATE -	\$SUBDATE	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		