

DETECTOR LOOP INSTALLATION - CONSTRUCTION NOTES	
1.	DETECTOR LOOP REPLACEMENT QUANTITIES ARE ESTIMATED. THE CONTRACTOR SHALL ONLY REPLACE THE DETECTOR LOOPS THAT ARE DAMAGED BY THE MILLING PROCESS.
2.	A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
3.	ALL DETECTOR LOOPS SHALL BE PLACED BACK INTO THEIR ORIGINAL LOCATIONS. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES.
4.	THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE MILLED SURFACE OR LEVELING BINDER COURSE BEFORE THE FINAL OVERLAY.
5.	THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 FORTY-EIGHT HOURS PRIOR TO BEGINNING MILLING OR PATCHING OPERATIONS.
6.	THESE ITEMS SHALL BE INCLUDED IN THE BID PRICE FOR DETECTOR LOOP, TYPE I PAY ITEM. THERE WILL BE NO ADDITIONAL COMPENSATION.
CONSTRUCTION NOTES	
1.	ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2.	THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
4.	ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
5.	ALL LOOP RISERS AFFECTED BY THE MILLING OPERATIONS SHALL BE REFLECTED THROUGH THE NEW SURFACE AND ALL LOOP RISERS SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK WILL BE PAID FOR UNDER THE PAY ITEM FOR "ADJUST EXISTING DETECTOR LOOP RISER".
6.	ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
7.	ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
8.	THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
9.	ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
10.	ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
11.	THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
12.	THE CONTRACTOR WILL BE ALLOWED TO PLACE THE INTERSECTION INTO ALL-RED FLASH MODE AND ALL-WAY STOP CONTROL ONLY DURING THE HOURS SPECIFIED ABOVE TO FACILITATE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL COMPONENTS AND TO MODIFY THE EXISTING CONTROLLER CABINET. THE COST OF THE STOP SIGNS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR MODIFY EXISTING TRAFFIC SIGNAL CABINET. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.
13.	THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO STOP SIGNS PER APPROACH WHEN THE INTERSECTION IS OPERATING IN ALL-RED FLASH MODE OR ALL-WAY STOP CONTROL.
14.	REMOVAL OF EXISTING TRAFFIC SIGNAL ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES FOR THE PROPOSED ITEMS.

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES					
ITEM DESCRIPTION	UNIT	TOTAL	IL 78 (MAIN) & ASH	IL 78 (MAIN) & VINE	IL 78 (MAIN) & SYCAMORE
SIGN PANEL - TYPE 1	SQ FT	5.0			5.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	120.5			120.5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1.0			1.0
DETECTOR LOOP, TYPE I	FOOT	2176.0	780.0	780.0	616.0
REBUILD EXISTING SIGNAL HEAD, LED	EACH	2.0			2.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0			1.0
ADJUST EXISTING DETECTOR LOOP RISER	EACH	17.0	6.0	6.0	5.0

FILE NAME = 68A32 - IL 78 Canton Traffic Signal Design.dgn	USER NAME = oppenzellerjj	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL CONSTRUCTION NOTES AND SCHEDULE OF QUANTITIES</b>	F.A.P. RTE. 22	SECTION 135RS-7	COUNTY FULTON	TOTAL SHEETS 29	SHEET NO. 23	
PLOT SCALE = 1/8" = 1'-0"	CHECKED - ---	REVISED - ---	SCALE: _____			SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 68A32			
PLOT DATE = 3/21/2011	DATE - ---	REVISED - ---	ILLINOIS FED. AID PROJECT								