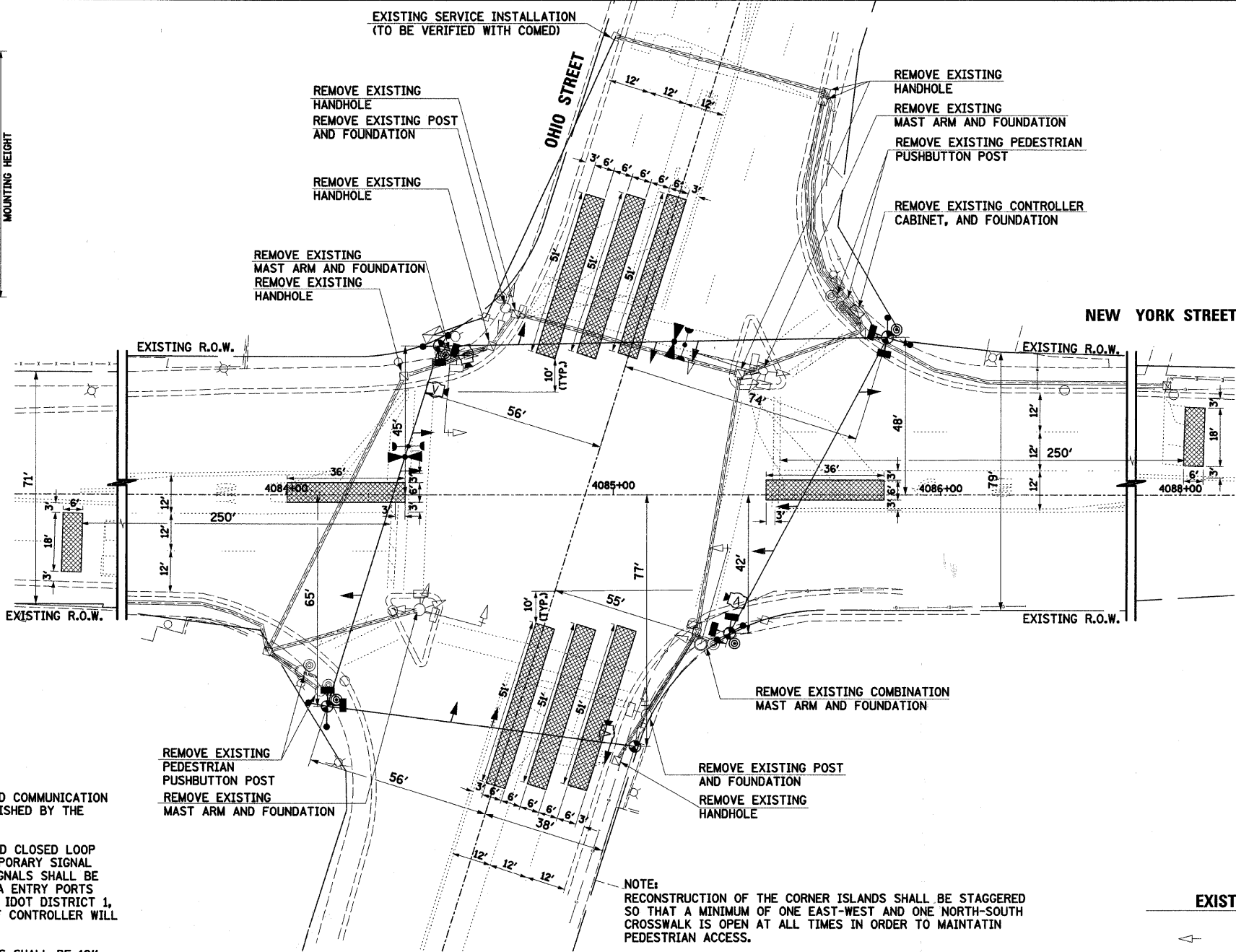


TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL

NOTE: THE EQUIPMENT AND WORK REQUIRED TO MOUNT THE VIDEO DETECTION CAMERAS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.



- TEMPORARY TRAFFIC SIGNAL LEGEND**
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
 - TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
 - ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
 - ⊠ TEMPORARY CONTROLLER CABINET
 - TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
 - ⊕ TEMPORARY SERVICE INSTALLATION
 - ⊞ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
 - ⊟ VIDEO DETECTION CAMERA
 - ▨ VIDEO DETECTION AREA
 - ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
 - ⊠ EMERGENCY VEHICLE LIGHT DETECTOR
 - ⊡ CONFIRMATION BEACON
 - VEHICLE DETECTOR, INDUCTION LOOP
 - UD UNIT DUCT
 - G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
 - ⊞ HANDHOLE
 - ⊞ HEAVY DUTY HANDHOLE
 - CT COMMON TRENCH
 - ⊞ UNINTERRUPTIBLE POWER SUPPLY
- EXISTING EQUIPMENT TO BE REMOVED LEGEND**
- ← EXISTING SIGNAL HEAD TO BE REMOVED
 - ⊞ EXISTING SERVICE INSTALLATION TO BE REMOVED
 - EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
 - ⊞ EXISTING ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED
 - ⊞ EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
 - ⊞ EXISTING HANDHOLE TO BE REMOVED
 - ⊞ EXISTING PEDESTRIAN SIGNAL HEAD TO BE REMOVED
 - ⊞ EXISTING PEDESTRIAN PUSHBUTTON TO BE REMOVED
 - ⊞ EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
 - ⊞ CONFIRMATION BEACON TO BE REMOVED
 - ⊞ EXISTING HEAVY-DUTY HANDHOLE TO BE REMOVED
 - EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12" HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. THE WOOD POLES FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE LONG ENOUGH TO ACCOMMODATE THE LUMINAIRE MOUNTING HEIGHT AS SPECIFIED ON THE TEMPORARY LIGHTING PLANS.
8. ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

NOTE: RECONSTRUCTION OF THE CORNER ISLANDS SHALL BE STAGGERED SO THAT A MINIMUM OF ONE EAST-WEST AND ONE NORTH-SOUTH CROSSWALK IS OPEN AT ALL TIMES IN ORDER TO MAINTAIN PEDESTRIAN ACCESS.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY HIM OUTSIDE THE RIGHT-OF-WAY AT HIS EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (SEE SCHEDULE OF QUANTITIES FOR REMOVAL ITEMS TO BE PAID FOR SEPARATELY).

- 1 EACH COMBINATION MAST ARM ASSEMBLY AND POLE
- 3 EACH MAST ARM ASSEMBLY AND POLE
- 2 EACH TRAFFIC SIGNAL POST
- 16 EACH TRAFFIC SIGNAL HEADS
- 8 EACH PEDESTRIAN PUSHBUTTONS
- 8 EACH PEDESTRIAN SIGNAL HEADS
- 4 EACH PEDESTRIAN PUSH BUTTON POSTS
- 4 EACH TRAFFIC SIGNAL BACKPLATES
- 1 EACH SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE CITY OF AURORA AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE MAINTENANCE FACILITY DESIGNATED BY THE CITY. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 1 EACH TRAFFIC SIGNAL CONTROLLER AND CABINET (COMPLETE)
- 4 EACH LIGHT DETECTOR
- 4 EACH CONFIRMATION BEACON

PLAN	SURVEYED	DATE
	CHECKED	
	ALIGNED	
	RT. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	ADD FILE NAME	

PROF. FILE	SURVEYED	DATE
	CHECKED	
	SL. NOTED	
	STRUCTURE NOTATION CPRO	
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FILE NAME =	USER NAME = .USER_	DESIGNED -	REVISED -
g:\jobs\sm\th\2007\070690 euro - traffic	signals\070690.04 euro new york st.traffic	DRAWN by BAH	REVISED ohio.dgn
	PLOT SCALE = #SCALE#	CHECKED APS	REVISED -
	PLOT DATE = 4/15/2009	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED OHIO STREET

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00267-00-TL	KANE	48	28
CONTRACT NO.				63152
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				