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SECTION COUNTY 2508 02-00039-00-PV KENDALL 146 4 TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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# **GENERAL NOTES**

#### I. GENERAL NOTES

1. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE VILLAGE OF OSWEGO PUBLIC WORKS DEPT. (630) 554-3242 A
MINIMUM OF 48 HOURS BEFORE CONSTRUCTION ACTIVITIES. A
24-HOUR NOTICE MUST BE PROVIDED FOR INSPECTIONS AND TESTS. VILLAGE STAFF MUST OPERATE ALL WATER MAIN VALVES AND

#### II. WATER MAIN CONSTRUCTION

- ALL WATER MAIN WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION.
- 2. WATER MAINS SHALL HAVE A MINIMUM COVER OF 5.5' AND SHALL BE INSTALLED IN A STRAIGHT ALIGNMENT UNLESS SPECIFICALLY SHOWN OTHERWISE ON THE APPROVED PLANS. MINIMUM COVER MAY BE REDUCED, AT THE DISCRETION OF THE VILLAGE ENGINEER, PROVIDED THAT SATISFACTORY MEASURES ARE TAKEN TO INSULATE
- 3. ALL WATER MAINS SHALL BE CEMENT LINED DUCTILE IRON PIPE, CLASS 52 CONFORMING TO AWWA C-151 WITH PUSH-ON OR MECHANICAL JOINTS. FITTINGS SHALL BE CEMENT LINED, TAR COATED CAST IRON WITH MECHANICAL JOINTS RATED 250 PSI PER AWWA C110/ANSI 21.20.
- 4. ALL PIPE AND FITTINGS SHALL BE MANUFACTURED IN THE UNITED STATES OR APPROVED EQUAL.
- 5. ALL MAIN LINE VALVES SHALL BE "AMERICAN FLOW CONTROL" TYPE GATE VALVES AND HOUSED IN A PRECAST CONCRETE VAULT OF THE APPROPRIATE SIZE.
- ALL HYDRANTS SHALL BE "WATEROUS PACER" MODEL WB-67-250 AND INCLUDE A GATE VALVE IN A METAL BOX WITH BRACING AND TRENCH ADAPTER.
- 7. ALL CORPORATION STOPS SHALL BE "A Y MCDONALD" MODEL,
- 8. ALL CURB STOPS SHALL BE "A Y MCDONALD" MODEL.
- 9. ALL WATER MAINS SHALL BE PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH THE STANDARDS AND PROCEDURES SET BY
- 10. ONLY VILLAGE STAFF IS ALLOWED TO OPERATE VALVES AND HYDRANTS. A MINIMUM OF 24 HOURS ADVANCE NOTICE MUST BE GIVEN TO THE VILLAGE PUBLIC WORKS DEPARTMENT FOR THE OPERATION OF VALVES AND HYDRANTS.

### III. TEMPORARY TRAFFIC SIGNAL INSTALLATION

- 1. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.J.L.I.E. AT 800-892-0123. THE CONTRACTOR SHALL ALSO VERIFY THAT NO CONFLICTS WITH PROPOSED STORM SEWER, CONDUITS, THE TEMPORARY WOOD POLES, OR OTHER UTILITIES
- 2. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 815-434-8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATIONS FOR THE DURATION OF THE CONSTRUCTION OR UNTIL THE PERMANENT TRAFFIC SIGNALS ARE OPERATIONAL.
- 4. ALL TRAFFIC SIGNAL HEADS SHALL BE 12 INCH.
- 5. THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE TEMPORARY SIGNALS ARE TURNED ON AND DURING EACH STAGE CHANGE. COST TO BE INCLUDED WITH THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.
- 6. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.
- 8. ALL TEMPORARY WOOD POLES SHALL BE LOCATED A MINIMUM OF 6 FT FROM THE FACE OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 9. THE PROPOSED TEMPORARY TRAFFIC SIGNAL CONTROL CARINET SHALL BE FURNISHED WITH A MANUAL CONTROL SWITCH AND MANUAL CONTROL CORD WITHIN THE POLICE DOOR COMPARTMENT AS INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TEMPORARY TRAFFIC SIGNALS. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.
- 11. ALL TEMPORARY WOOD SUPPORT POLES SHALL BE INSTALLED SO THAT A MINIMUM OF 30 FT OF POLE IS ABOVE THE EXISTING PAYEMENT ELEVATION ADJACENT TO THE POLE. A SUFFICIENT LENGTH OF POLE SHALL BE BURIED AND BACK GUYED TO ALLOW THE INSTALLATION TO WITHSTAND 50 M.P.H. SUSTAINED WIND LOADING.
- 12. A CABINET OF SUFFICIENT SIZE SHALL BE INSTALLED BY THE CONTRACTOR AT A LOCATION ACCEPTABLE TO THE ENGINEER. THE CABINET SHALL NOT BE LOCATED ON A SPAN WIRE POLE. IT SHALL BE EITHER GROUND MOUNTED ON A WOODEN FOUNDATION OR POST MOUNTED ON A SEPARATE POST. ALL CABLE WITHIN 10 FT OF THE GROUND SHALL BE IN CONDUIT. IT IS ACCEPTABLE FOR 13 FT OR LESS LENGTHS OF CONDUIT TO BE LAID ALONG THE GROUND IN AREAS ACCEPTABLE TO THE
- 13. A MINIMUM OF 26 FT OF CABLE SLACK SHALL BE PROVIDED FOR EACH SIGNAL
- 14. REINSTALL EXISTING STREET NAME SIGN TO TEMPORARY SPAN WIRE POLES AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.
- 15. REINSTALL THE EXISTING OR PROVIDE NEW RIO-5 (LEFT TURN YIELD ON GREEN). 24" × 30" SIGN IMMEDIATELY RIGHT OF THE 5-SECTION SPAN-WIRE SIGNAL HEADS & BETWEEN THE 3-SECTION SPAN-WIRE SIGNAL HEADS ON THE EAST AND
- 16. TEMPORARY SIGNALS TO BE IN OPERATION BEFORE EXISTING SIGNALS ARE REMOVED.
- 17. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE CONTROLLER FROM STAGE TO STAGE AS SHOWN IN PHASE DESIGNATION DIAGRAM. THIS COST SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.
- 18. SIGNAL HEADS SHALL BE MOVED AS REQUIRED AND BAGGED BY THE CONTRACTOR ACCORDINGLY FROM STAGE TO STAGE. SIGN R10-5 SHALL BE COVERED AS NECESSARY. THIS COST SHALL BE INCLUDED WITH COST OF TEMPORARY TRAFFIC SIGNAL
- 19. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED WITHIN THE CONTRACTOR UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

<u>LEGEND</u>		
	EXISTING	PROPOSED
SINGLE POST SIGN	þ	
POWER LINE	- <u>ū</u> -	
TELEPHONE OR TELEGRAPH	-0-	
LIGHT STANDARD	¤	×
LIGHTING CONTROLLER		Ħ
TRAFFIC SIGNAL	Φ	
FIRE HYDRANT	8	₩ '
VALVE VAULT		•
BUFFALO BOX		•
MANHOLE	0	0
CATCH BASIN		•
INLET	_	-
RIGHT OF WAY MARKER	×	
ABOVE GROUND SPLICE BO	х 🛮	
HANDHOLE	19	
LOCATED OBJECT	0	
VEGETATION OUTLINE	C	
SINGLE TREE OR BUSH	0	Ø
STUMP	1	
FENCE	-1-1-1-1	
MAJLBOX	P	
STORM SEWER	<del></del>	<del></del>
SANITARY SEWER		-,,,,
WATER MAIN		
FIBER OPTIC	F0 F0	F0 F0
EXISTING ROW		
TEMPORARY EASEMENT		

## **LEGEND**

	EXISTING	PROPOSE
CONTROLLER CABINET	$\boxtimes$	M
SIGNAL POST (LENGTH AS INDICATED)	0	0
SIGNAL FACE	->	->
SIGNAL FACE WITH BACKPLATE	#>	+
MAST ARM ASSEMBLY AND POLE (LENGTH AS NOTED)	0	•
COMBINATION MAST ARM ASSEMBLY AND POLE (LENGTH AS NOTED)	0	0-
HANDHOLE		
DOUBLE HANDHOLE		
HEAVY DUTY HANDHOLE	⊞″E″	Œ
GALVANIZED STEEL CONDUIT		
LOOP DETECTOR		
SERVICE INSTALLATION, TYPE B	-E3-	0
LIGHT DETECTOR		•
CONFIRMATION BEACON		
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MIN.	8	8
JUNCTION BOX		0
PEDESTRIAN SIGNAL HEAD	-0	-1
PEDESTRIAN PUSHBUTTON	@	<u> </u>

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.U. 2508 - DOUGLAS ROAD (U.S. RTE 34 TO U.S. RTE 30)

**GENERAL NOTES** 

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY