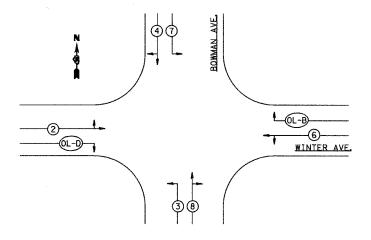


## **DETAIL OF SERVICE INSTALLATION, TYPE A (MODIFIED)**



PHASE DESIGNATION DIAGRAM

## **GENERAL NOTES**

- 1. THE ACTUAL LOCATION OF ALL SIGNAL FOUNDATIONS, HANDHOLES, AND TRAFFIC CONTROLLER WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 2. POST MOUNTED SIGNALS SHALL BE INSTALLED SO THAT NO PART OF THE SIGNAL HEAD IS WITHIN 2 FT OF THE FACE OF CURB.
- 3. ALL MAST ARM POLES SHALL BE A MINIMUM OF 6 FT FROM THE CENTER OF THE POLE TO THE FACE OF CURB (ON THE MAST ARM SIDE) OR AS SHOWN ON THE PLANS.
- 4. ALIGN ADJACENT RED INDICATIONS TO SAME HEIGHT ABOVE PAVEMENT.
- 5. THE BASE FOR A TRAFFIC SIGNAL POST SHALL BE SITUATED SUCH THAT THE HANDHOLE IS LOCATED ON A SIDE AWAY FROM A TRAVELED LANE.
- 6. THE ANTI-BACKUP FEATURE SHALL BE HARDWIRED ON THE BACKPANEL OF THE CONTROLLER CABINET.
- 7. COMBINATION MAST ARM ASSEMBLIES SHALL BE FURNISHED WITH 15 FT LUMINAIRE TRUSS ARMS WITH A MOUNTED LUMINAIRE HEIGHT OF 40 FT INSTEAD OF THE 45 FT HEIGHT SHOWN ON HIGHWAY STANDARD 877011 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 8. ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6998	99-00209-01-PV	VERMILION	296	95
STA.	Tt	STA.		
FED. R	OAD DIST. NO. TILINO	IS FFD.	ATD PROJEC	:T-

CONTRACT NO.: 91358

## TRAFFIC SIGNAL BILL OF MATERIALS

PAY CODE	ITEM	UNIT	TOTAL
80500105	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	l
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	33
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	85
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	20
81013100	CONDUIT IN TRENCH, 5" DIA., PVC	FOOT	4
81021570	CONDUIT, AUGERED 3" DIA., PVC	FOOT	184
81021590	CONDUIT, AUGERED 4" DIA., PVC	FOOT	96
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1317
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	142
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	766
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	489
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1727
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	36
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT	EACH	4
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	2
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	46
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	10
X0301576	COAXIAL CABLE IN CONDUIT	FOOT	766
X0320872	VIDEO VEHICLE DETECTION SYSTEM	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	548

REVISIONS		CITY OF DANVILLE, ILLINOIS			
NAME	DATE				
		WINTER	AVENUE	RECON	ISTRUCTION
		PROF	OSED TI	RAFFIC	SIGNAL
		j E	BILL OF	MATER	IALS
		AND	CONSTR	UCTION	NOTES
			SHEET	3 OF	3
	1	SCALE: NTS		DATE: 12	/21/06
	<del> </del>	DRAWN BY: SRS		CHECKED	BY: MBF