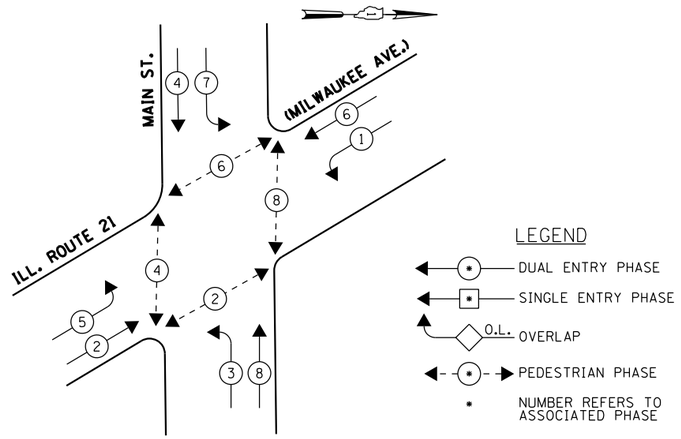
SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1024	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
97	SQ FT	DETECTABLE WARNINGS
111	FOOT	COMBINATION CURB AND GUTTER REMOVAL
738	SQ FT	SIDEWALK REMOVAL
111	FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
12	SQ FT	SIGN PANEL - TYPE 1
32.5	SQ FT	SIGN PANEL - TYPE 2
84	SQ FT	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
619	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 12"
169	FOOT	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
733	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
56	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2½" DIA.
59	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
315	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
5	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCEIVER-FIBER OPTIC
1266	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1596	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1172	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1498	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
2539	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
44	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
625	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 26 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 32 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
10	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
37	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
10	EACH	INDUCTIVE LOOP DETECTOR
756	FOOT	DETECTOR LOOP, TYPE I
• 2	EACH	LIGHT DETECTOR
• 1	EACH	LIGHT DETECTOR AMPLIFIER
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
10	EACH	REMOVE EXISTING HANDHOLE
1	EACH	REMOVE EXISTING DOUBLE HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
• 275	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
1	EACH	FULL-ACTUATED CONTROLLER AND CABINET, TYPE IV, SPECIAL
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
1	EACH	ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL
33	FOOT	PORTLAND CEMENT CONCRETE SIDEWALK CURB
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

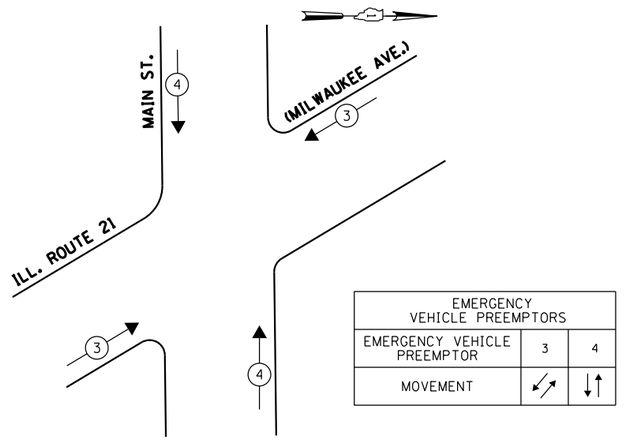
• 100% COST TO VILLAGE OF NILES

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↙↗	↓↑

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME = $FILEL$	USER NAME = _GAI_	DESIGNED - MA, PKG	REVISED -
		DRAWN - EA, SM, MG	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - PKG	REVISED -
	PLOT DATE = 3/23/2012	DATE - 03/21/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES
ILL. ROUTE 21 (MILWAUKEE AVE.) AT MAIN ST.

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3513	2011-210-TS	COOK	089	040
	FINAL	CONTRACT NO. 60R44		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		