

FERNWOOD ROAD

LONG BEACH ROAD

DOUGLAS ROAD
































WIESBROOK ROAD

TOWNES CROSSING ENTRANCE

U.S. ROUTE 30

5TH STREET

INTERCONNECT SCHEMATIC LEGEND

-  EXISTING INTERSECTION CONTROLLER
-  PROPOSED INTERSECTION CONTROLLER
-  EXISTING MASTER CONTROLLER
-  PROPOSED MASTER CONTROLLER
-  MASTER MASTER CONTROLLER
-  EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING INTERSECTION LOOP DETECTORS
-  PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS
-  PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS
-  PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS
-  PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS
-  PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS
-  EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
-  PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
-  EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
-  PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
-  EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
-  PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
-  EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
-  PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
-  EXISTING ELECTRIC CABLE 1/C (AS SPECIFIED)
-  PROPOSED ELECTRIC CABLE 1/C (AS SPECIFIED)
-  EXISTING TELEPHONE CONNECTION
-  PROPOSED TELEPHONE CONNECTION

SCHEDULE OF QUANTITIES

SIGN PANEL - TYPE 1			
SIGN PANEL - TYPE 2			
RELOCATE SIGN PANEL ASSEMBLY - TYPE B	50 FT		
CONDUIT IN TRENCH, 1" DIA., GALVANIZED STEEL	EACH		
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT		
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	620	30
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT		
CONDUIT PUSHED, 1" DIA., GALVANIZED STEEL	FOOT		
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT		
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT		
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT		
HANDHOLE	FOOT		
DOUBLE HANDHOLE	EACH	2	
TRENCH AND BACKFILL FOR ELECTRICAL WORK	EACH		
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	620	30
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH		
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH		
TRANSCEIVER - FIBER OPTIC	EACH		
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	EACH		
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT		
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT		
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT		
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT		
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT		
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	FOOT		
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 15 FT.	EACH		
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 30 FT. AND 38 FT.	EACH		
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 40 FT. AND 48 FT.	EACH		
CONCRETE FOUNDATION, TYPE A	FOOT		
CONCRETE FOUNDATION, TYPE C	FOOT		
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT		
DRILL EXISTING HANDHOLE	FOOT		
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH		
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH		
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH		
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH		
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, POST MOUNTED	EACH		
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH		
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH		
INDUCTIVE LOOP DETECTOR	EACH		
DETECTOR LOOP, TYPE I	EACH		
LIGHT DETECTOR	FOOT		
LIGHT DETECTOR AMPLIFIER	EACH		
PEDESTRIAN PUSH-BUTTON	EACH		
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH		
MODIFY EXISTING CONTROLLER	EACH		
REMOVE ELECTRIC CABLE FROM CONDUIT	EACH		
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	FOOT		
REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH		
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT		
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	1590	444 385
SERVICE INSTALLATION - GROUND MOUNTED	FOOT	1590	444 385
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO.6 1C	FOOT		
ELECTRIC CABLE IN CONDUIT, NO.20 3C, TWISTED, SHIELDED	FOOT		
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	FOOT		
REMOVE EXISTING HANDHOLE	L SUM		

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

SCALE: VERT. NTS.
 DATE: HORIZ. NTS.
 DRAWN BY: MJF
 CHECKED BY: CRF

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 DATE: _____
 PLAN NO.: _____
 NOTE BOOK NO.: _____
 DATE: _____
 FILE NAME: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 DATE: _____
 PROFILE NO.: _____
 NOTE BOOK NO.: _____
 DATE: _____
 STRUCTURE NOTATION: CRFD