

INTERCONNECT AND UTILITY SCHEMATIC

NOT TO SCALE

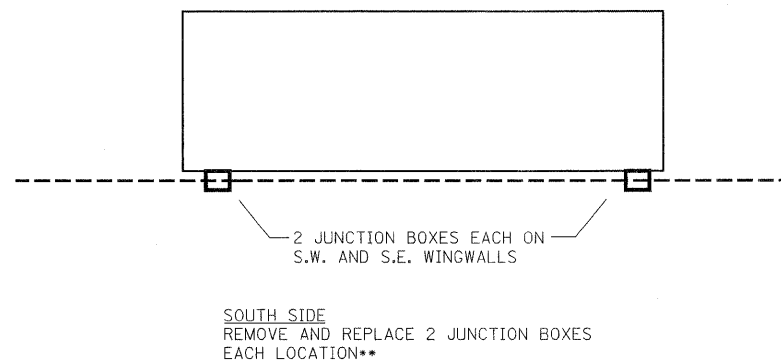
NOTES

- EXISTING FIBER OPTIC CABLE SHALL BE PULLED OUT OF THE EXISTING CONDUIT, STARTING AT THE EXISTING CONTROLLER BOX AT U.S. 34 AND MAIN STREET (LOCATION #1), ALL THE WAY TO THE FIRST HANDHOLE WEST OF THE BRIDGE (LOCATION #2). THIS CABLE SHALL BE SPOOLED UP NEAR LOCATION #2 AND PROTECTED ON-SITE FOR THE DURATION OF THE BRIDGE CONSTRUCTION. AFTER BRIDGE CONSTRUCTION IS COMPLETED AND NEW JUNCTION BOXES AND CONDUIT ARE IN PLACE, THE EXISTING CABLE SHALL BE REINSTALLED IN THE CONDUIT, ALL THE WAY BACK TO THE CONTROLLER BOX AT LOCATION #1. COST INCLUDED WITH "REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT".
- REMOVAL OF FIBER OPTIC CABLE SHALL NOT BEGIN UNTIL ALL COMPONENTS OF THE TEMPORARY WIRELESS INTERCONNECT SYSTEM ARE IN PLACE AND OPERATIONAL.
- ESTIMATED LENGTH OF INTERCONNECT CABLE TO BE REMOVED AND REINSTALLED = 2,950 FEET.
- A NOMINAL QUANTITY OF 15 FEET OF NEW CONDUIT HAS BEEN PROVIDED AT EACH OF THE TWO JUNCTION BOX LOCATIONS, IN THE EVENT THAT CONDUIT IN THESE LOCATIONS NEEDS TO BE REMOVED AND REPLACED. REMOVAL OF THE EXISTING ROADWAY LIGHTING CONDUIT, IF NEEDED, SHALL BE PAID FOR AS "ROADWAY LIGHTING CONDUIT REMOVAL". REMOVAL OF THE EXISTING TRAFFIC SIGNAL INTERCONNECT CONDUIT, IF NEEDED, IS INCLUDED WITH THE CONTRACT UNIT PRICE BID FOR "JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18"x10"x10" ".
- ANY HARDWARE OR ACCESSORIES REQUIRED TO ATTACH THE NEW CONDUIT TO THE NEW JUNCTION BOXES OR TO THE EXISTING CONDUIT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE CONTRACT UNIT PRICE BID FOR "CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL".
- SEE TRAFFIC SIGNAL SPECIFICATIONS AND SPECIAL PROVISIONS FOR MORE INFORMATION.

BILL OF MATERIAL

81100700	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL	FOOT	30
81300835	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18"x18"x10"	EACH	2
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
89502200	MODIFY EXISTING CONTROLLER	EACH	2
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	2950
X0325938	TEMPORARY WIRELESS INTERCONNECT, COMPLETE	L SUM	1
XX003079	REMOVE JUNCTION BOX	EACH	2

• LARGE BOXES ARE FOR FIBER OPTIC INTERCONNECT CABLE;
SMALL BOXES ARE FOR ROADWAY LIGHTING CABLE



DETAIL A

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