



### FIBER OPTIC CABLE RELOCATION NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE EXISTING FIBER OPTIC CABLE AND DUCT PRIOR TO PERFORMING ANY WORK AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO FACILITIES RESULTING FROM INACCURATE LOCATING.
2. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR LOCATING AND PROVIDING PROTECTION FOR THE FACILITIES DURING ALL PHASES OF CONSTRUCTION. IF AT ANY TIME, THE FACILITIES ARE DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT AND DUNLAP SCHOOL DISTRICT 323 AND MAKE ALL NECESSARY ARRANGEMENTS FOR REPAIR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. THE FIBER OPTIC CABLE AND COMMUNICATIONS DUCT SHALL BE RELOCATED AS NEEDED TO FACILITATE STORM SEWER REMOVAL, INSTALLATION, AND ROADWAY CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER TO DETERMINE THE BEST LAYOUT FOR THE PROPOSED CONDUIT AND COMMUNICATION VAULT TO MINIMIZE THE POTENTIAL FOR CONFLICTS WITH ROADWAY CONSTRUCTION.
4. PRIOR TO PERFORMING ANY WORK, THE CONTRACTOR SHALL CONDUCT TESTING OF ALL FIBERS BY UTILIZING AN OTDR AND OPTICAL POWER METER AND SOURCE. THE TESTING SHALL BE BI-DIRECTIONAL AT BOTH 1310 AND 1550 NM AND SHALL BE FROM END TO END. THE CONTRACTOR SHALL CONDUCT TESTING WHEN SCHOOL IS NOT IN SESSION TO MINIMIZE DISRUPTIONS TO SERVICE. THE CONTRACTOR SHALL PROVIDE COPIES OF ALL TEST RESULTS TO THE DEPARTMENT AND SCHOOL DISTRICT.
5. THE CONTRACTOR SHALL INSTALL THE PROPOSED COMMUNICATION VAULT OVER THE EXISTING COMMUNICATIONS DUCT.
6. THE CONTRACTOR SHALL REMOVE THE EXISTING POLYMER CONCRETE COMMUNICATION VAULT AND DELIVER IT TO THE SCHOOL DISTRICT. THIS WORK WILL BE PAID FOR AS REMOVE EXISTING HANDHOLE.
7. THE CONTRACTOR SHALL INSTALL NEW FIBER OPTIC CABLE FROM THE PROPOSED COMMUNICATION VAULT TO THE EXISTING COMMUNICATION VAULT LOCATED NEAR THE HIGH SCHOOL BUILDING AND FUSION THE EXISTING FIBER TO THE PROPOSED FIBER AT BOTH ENDS. THE CONTRACTOR SHALL INSTALL 30 FT. OF SLACK CABLE AND NEW WEATHERPROOF SPLICE ENCLOSURES IN EACH COMMUNICATION VAULT.
8. UPON THE COMPLETION OF THE FIBER OPTIC WORK, THE CONTRACTOR SHALL CONDUCT TESTING OF ALL FIBERS BY UTILIZING AN OTDR AND OPTICAL POWER METER AND SOURCE. THE TESTING SHALL BE BI-DIRECTIONAL AT BOTH 1310 AND 1550 NM AND SHALL BE FROM END TO END. THE CONTRACTOR SHALL CONDUCT TESTING WHEN SCHOOL IS NOT IN SESSION TO MINIMIZE DISRUPTIONS TO SERVICE. THE CONTRACTOR SHALL PROVIDE COPIES OF ALL TEST RESULTS TO THE DEPARTMENT AND SCHOOL DISTRICT.
9. THE WORK DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR THE PROPOSED FIBER OPTIC CABLE.

### BILL OF MATERIAL

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	200.0
REMOVE EXISTING HANDHOLE	EACH	1.0
FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	580.0
COMMUNICATIONS VAULT	EACH	1.0

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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE RELOCATION  
LEGION HALL RD. AT HIGH SCHOOL ENTRANCE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1380	7W-1, RS-3	PEORIA	617	298
CONTRACT NO. 88792				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNALS  
SHEET 4 OF 4