

**PAY QUANTITY NOTES**

(ITS-1) ALL POLY (HDPE) CONDUIT RUNS LESS THAN 1500' (TRENCHED OR BORED) SHALL BE ONE CONTINUOUS PIECE OF CONDUIT, NO SPLICES OR JOINTS WILL BE ALLOWED.

NO MORE THAN ONE FUSION JOINT PER 1500' ADDITIONAL FEET OF CONDUIT SHALL BE ALLOWED. FUSION COUPLING SHALL BE A CPN: 5754062 PUSAMATIC FUSION COUPLER BY CENTRAL PLASTICS, BOX 3129, SHAWNEE, OK 74802-3129, 405-273-8302 OR AN APPROVED EQUAL.

ALL BORED CONDUIT(S) SHALL BE PLACED IN A SINGLE PROTECTIVE SLEEVE. COST OF SAID SLEEVE TO BE INCLUDED IN PRICE BID FOR BORING. ALL BORING SHALL BE A MINIMUM OF 48" BELOW THE ROADWAY/PAVED SHOULDER/CURB/SIDEWALK. ADDITIONAL DEPTH MAY BE NEEDED FOR BORES TO ENSURE 48" MINIMUM DEPTH UNDER ROADWAY/PAVED SHOULDER/CURB/SIDEWALK IS MAINTAINED. SLEEVES SHALL EXTEND 2 FEET PAST EDGE OF ROADWAY/PAVED SHOULDER/CURB/SIDEWALK.

PAYMENT FOR BORE LENGTHS ARE DETERMINED BY EXTENDING TWO (2) FEET PAST THE EDGE OF ROADWAY/PAVED SHOULDER/CURB/SIDEWALK

\*POLY PIPE\* MATERIAL SHALL BE HIGH DENSITY POLYETHYLENE (REFERRED TO STANDARD SPECIFICATION 709.02 (B) EXCEPT THE FOLLOWING REQUIREMENTS MUST BE MET:

NEMA TC-2, GRADE 34, 100% VIRGIN RESIN MATERIAL AND PRE-LUBRICATED.

ALL CONDUIT TERMINATIONS WILL BE PROTECTED WITH DUST CAPS. EACH DUST CAP MUST BE SECURED BY TAPE. ANY CONDUIT LEFT EXPOSED OVERNIGHT SHALL HAVE PROTECTIVE DUST CAPS INSTALLED AND SECURED. (TAPE ALONE SHALL NOT BE PERMITTED).

CONDUIT RUNS ARE SUGGESTED. ACTUAL ALIGNMENT OF RUNS MAY BE ALTERED WITHIN ODOT RW, WITH THE ODOT ITS GROUP'S APPROVAL.

ALL COST OF INSTALLATION, MATERIALS, LABOR AND INCIDENTALS NECESSARY TO INSTALL CONDUIT, DUST CAPS OR FUSION COUPLERS SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

NO JOINTS OR KINKS OF ANY TYPE WILL BE ALLOWED IN THE UNDERGROUND POLY CONDUIT RUNS FOR THE D.M.S. SIGN. ALL CONDUIT BORED SHALL BE PLACED IN LARGER SLEEVES.

IT IS SUGGESTED THAT THE CONDUIT RUNS SHALL BE INSTALLED IN THIS ORDER:

1. GROUND/PULL BOXES TO BE INSTALLED FIRST,
2. BORING OF CONDUIT RUNS TO BE SECOND,
3. ANY NECESSARY TRENCHING OR DIGGING, THIRD.
4. CONDUIT SHALL BE INSTALLED IN ONE CONTINUOUS PIECE FROM THE GROUND BOX TO THE GROUND BOX, GROUND BOX TO FOOTINGS, GROUND BOX TO CABINETS, ETC...

ANY DAMAGE TO CONDUIT (KINK, TEARING, CUTTING, ETC..) WILL RESULT IN THE CONDUIT BEING REJECTED AND REPLACED WITH NEW CONDUIT AT THE CONTRACTOR'S EXPENSE.

FOR MORE INFORMATION ON HIGH DENSITY POLYETHYLENE, CONTACT CAREY L. HOLT OF INTEGEL CORP. AT 1 (800) 527-2168 OR JESSE C. WARREN AT DISTRIBUTION PRODUCTS AT 1 (800) 551-5108.

(ITS-2) TYPICAL "332" CABINET SHALL INCLUDE THE FOLLOWING:  
 ONE 18" EXTENSION BASE/ RISER  
 TWO FULL SIZE LOCKING DOORS WITH DOOR STOPS  
 DOOR ALARMS ON BOTH DOORS  
 THERMOSTATICALLY CONTROLLED ELECTRIC COOLING FAN(S)  
 POWER DISTRIBUTION ASSEMBLY WITH RECEPTACLES (MINIMUM OF SIX 110 V OUTLETS)  
 TWO FLUORESCENT LIGHTS WITH ON/OFF SWITCH (FRONT & BACK)  
 19" SELF STANDING EIA RACK MOUNTING SYSTEM (FRONT & BACK)  
 ONE DRAWER ASSEMBLY (3" DEEP)  
 THREE SHELF ASSEMBLIES (SHELVES WILL BE PROVIDED BY ODOT)  
 ONE SLIDING BATTERY SHELF  
 ONE (1) SNAKE EYE SCREWDRIVER PER CABINET.

(ITS-3) TO BE USED FOR OVERHEAD SIGN STRUCTURE FOOTINGS, PULL BOX APRONS, (SPECIAL MEDIAN BARRIER FOOTINGS AND TRANSITIONS), APRONS, COMMUNICATION CABINET PAD, AND ATTENUATOR PADS.

(ITS-4) ALL PULL BOXES ARE TO BE A PRE-CAST CONCRETE OR APPROVED EQUAL.

(ITS-5) ESTIMATED AT 170 LBS PER CU. FT.

(ITS-6) PRICE BID TO INCLUDE THE COST OF 6" X 6" REINFORCING WIRE MESH FOR CONCRETE PADS AND CABINET PEDESTALS.

(ITS-7) COST FOR THIS ITEM SHALL INCLUDE ALL APPURTENANCES REQUIRED TO PROVIDE FULL ELECTRICAL SERVICE, INCLUDING WOOD POLE.

(ITS-8) COST BID FOR THESE ITEMS TO INCLUDE ALL NECESSARY SAND, LINERS, LIDS AND WARNING SIGNS NECESSARY FOR PROPER PLACEMENT OF BARRELS.

(ITS-9) CONTRACTOR SHALL SUBMIT A WORK ZONE PLAN TO THE RESIDENT ENGINEER FOR APPROVAL, TWO WEEKS PRIOR TO STARTING CONSTRUCTION. THE ENGINEER SHALL APPROVE ANY DEVIATION FROM APPROVED WORK PLAN. CONTRACTOR SHALL INCLUDE FOUR PORTABLE ARROW DISPLAYS FOR USE DURING CONSTRUCTION.

(ITS-10) PRICE BID OF 21" X 15" CORR. GALV. STEEL PIPE TO INCLUDE THE COST OF ELBOWS/BENDS CONNECTIONS AS REQUIRED.

(ITS-11) INCLUDED IN THE COST OF THIS ITEM IS A 4 POLE SERVICE DISCONNECT FOR THE PURPOSE OF HAVING 2-240 VOLT (4-120 VOLT) 60 AMP CIRCUITS AT D.M.S. LOCATIONS

(ITS-12) THE COST BID FOR THIS ITEM SHALL INCLUDE ALL COSTS (INCLUDING PERMITS) ASSOCIATED WITH SUPPLYING ELECTRICAL POWER TO ALL LOCATIONS AS REQUIRED. OPERATIONAL COSTS SHALL ALSO BE INCLUDED FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL SUPPLY 911 ADDRESSES FOR ALL SERVICE POLES.

(ITS-13) COST FOR THIS ITEM INCLUDES ALL APPURTENANCES NECESSARY FOR THE DELIVERY, MOUNTING AND INSTALLING OF EACH D.M.S. SIGNS.

(ITS-14) THIS PROJECT WILL REQUIRE THE CONTRACTOR TO WORK AND TO COORDINATE WITH SEVERAL OTHER ITS PARTNERS AND CONTRACTORS (OU ELECTRICAL ENGINEERS ITS LAB TEAM IN NORMAN, OUS ITS LAB TEAM WILL ASSIST THE CONTRACTOR IN INTEGRATING THE COMMUNICATION EQUIPMENT; IN CREATING A TEST/OR SIMULATING CONDITIONS TO ENSURE ALL COMPONENTS ARE WORKING CORRECTLY AND WITH OPEN PROTOCOLS. ALL PROTOCOLS MUST BE MADE AVAILABLE AT THE TIME THE EQUIPMENT IS BEING ORDERED, BEFORE THE EQUIPMENT IS APPROVED FOR USE ON THIS PROJECT. ALL VENDORS/COMPANIES SUPPLYING COMPONENTS SHALL MAKE AVAILABLE/PROVIDE THE COMPLETE PROTOCOLS BEING USED TO OPERATE THEIR EQUIPMENT. THE PROTOCOLS WILL BE USED TO INTEGRATE NEW EQUIPMENT INTO THE EXISTING ITS CONTROL SOFTWARE. THE CONTRACTOR SHALL BE OPEN TO WORKING CLOSELY WITH ODOT'S ITS STAFF AND OUS ITS LAB TEAM TO ENSURE THE SUCCESS OF THIS PROJECT. ALL EQUIPMENT SHALL BE DELIVERED TO I.T.S. LAB TEAM NO LATER THAN 14 (FOURTEEN) DAYS PRIOR TO CONTRACTORS SCHEDULED INSTALLATION DATE.

(ITS-17) THIS PROJECT SHALL HAVE ALL GALVANIZED STEEL STRUCTURES (NO ALUMINUM).

(ITS-20) INSTALL 100' OUTDOOR RATED CAT6 CABLE FROM THE CABINET TO THE INSIDE OF THE DMS SIGN COILED UP JUST INSIDE THE HAND HOLE. COST TO BE INCLUDED IN CABINET FOR FUTURE USE. 4 COUNT FIBER OPTIC CABLE WILL BE USED AT I44 & 165TH ST FOR COMMUNICATION FROM CABINET TO DMS SIGN.

(ITS-21) THE 30 DEGREES FULL MATRIX LED DYNAMIC MESSAGE SIGNS SHALL BE EITHER SKYLINE, DAKTRONICS OR APPROVED EQUAL. THE FOLLOWING MODELS ARE BEING SPECIFIED WITH THE BELOW LISTED ADDITIONAL OPTIONS.

SKYLINE MODEL #  
 VMSLED-LV-75F-27 X 090-30A-I-GMC WITH 30 DEGREES VIEWING CONE  
 OR  
 DAKTRONICS MODEL #  
 VF-2420-27-90-66-A WITH 30 DEGREES VIEWING CONE.

WITH THE FOLLOWING OPTIONS:  
 INCANDESCENT LIGHTING INSIDE  
 FLASHING BEACONS  
 BATTERY BACK-UP SYSTEM FOR LED DISPLAY, (MODEL 2070 LITE ATC) (DAKTRONICS HARDEN PROCESSOR UNIT)  
 FIBER AND ETHERNET COMMUNICATIONS  
 GROUND MOUNTED CONTROLLER  
 WARRANTY 5 YEARS PARTS AND ON-SITE LABOR SERVICE  
 PROACTIVE NOTIFICATION AND TROUBLE SHOOTING PROGRAM  
 BLACK OUTSIDE HOUSING.

(ITS-25) THE CONTRACTOR SHALL FURNISH AND INSTALL SUCH LIGHTS, SIGNS, BARRICADES, AND PROVIDE FLAGGERS NECESSARY FOR THE CONTROL, SAFETY, AND MAINTENANCE OF TRAFFIC WHEN INSTALLING, RELOCATING OR DELIVERING PORTABLE LONGITUDINAL BARRIER.

(ITS-27) QUANTITY INCLUDES SUFFICIENT LENGTH OF PORTABLE LONGITUDINAL BARRIER TO PROVIDE FOR THE LONGEST SECTION SHOWN ON THE PLANS. THIS SAME BARRIER WILL BE USED ON OTHER DETOUR PHASES.

(ITS-28) COST FOR THIS ITEM SHALL INCLUDE ALL APPURTENANCES REQUIRED TO REMOVE THE OVERHEAD TRUSS FROM EXISTING LOCATION, DELIVERY, MOUNTING AND RESETTING OF THE TRUSS TO NEW LOCATION. THIS ITEM WILL ALSO INCLUDE INSPECTION OF EXISTING OVERHEAD TRUSS STRUCTURE FOR FATIGUE AND/OR STRESS CRACKS.

(ITS-29) COST OF THIS ITEM TO INCLUDE FABRICATION OF NEW UPRIGHTS TO BE USED WITH THE RELOCATION OF THE EXISTING DMS.

(ITS-30) EXTEND UPRIGHTS ON ONE SIDE.

(ITS-31) PORTABLE LONGITUDINAL BARRIER WILL BE PROVIDED BY DIVISION 8. TO STAY IN PLACE UNTIL FUTURE PROJECT AT I-44 & 165TH E AVE. IS COMPLETED.

(ITS-32) COST FOR THIS ITEM SHALL INCLUDE ALL ITEMS REQUIRED TO REMOVE DMS, CABINET, CONDUIT, WIRING, AND ALL OTHER ITS EQUIPMENT TO BE REMOVED FROM EXISTING LOCATIONS, DELIVERY, MOUNTING, AND RESETTING AT THE NEW LOCATIONS AS INDICATED ON THE PLANS. ITEM SHALL ALSO INCLUDE THE REPAIR OF ALL DAMAGED CONDUIT.

(ITS-33) THIS ITEM SHALL GOVERN FOR THE FURNISHING OF SYSTEM SUPPORT EQUIPMENT AS DETAILED IN THE SPECIAL PROVISION, AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

(ITS-34) THE INSTALLATION OF THE FIBER OPTIC CABLE, SPLICES, TERMINATIONS SHALL BE THE RESPONSIBILITY OF THE FIBER CONTRACTOR FOR THIS PORTION OF THE PROJECT. THE FIBER CONTRACTOR SHALL BE REQUIRED TO MEET ALL SPECIFICATIONS OF THE "FIBER OPTIC CABLE, TERMINATIONS AND SPLICING REQUIREMENTS". NO WORK ON ANY PORTION OF THE FIBER OPTIC SYSTEM SHALL BE PERFORMED BY ANYONE OTHER THAN THE FIBER CONTRACTOR.

(ITS-35) THE FIBER OPTIC CABLE SHALL BE PULLED WITH MULE TAPE, BY NEPTCO, INC. OR AN APPROVED EQUAL, NO GREATER THAN A 600 POUND PULL STRENGTH.

(ITS-36) THE FIBER OPTIC CABLE SHALL MEET INDUSTRY STANDARDS FOR CORNING SMF-28 FIBER OPTIC CABLE, THE CABLE SHALL COMPLY WITH FED RUS-1755.900 AND BE SINGLE MODE CORNING ALTOS TYPE (PN. 024EUC-T14101 D20 FOR 24 SM FIBER) OR ESSEX TYPE (PN. 120249101 FOR 24 SMF FIBER) OR AN APPROVED EQUAL. THE FIBER ATTENUATION LOSS SHALL NOT BE GREATER THAN 0.5 dB/KM.

(ITS-37) THE QUANTITY FOR FIBER OPTIC CABLE INCLUDES ENOUGH CABLE FOR THE ENTIRE CONDUIT RUN WITH AN ADDITIONAL FIVE (5) FEET IN EACH CABINET, AN ADDITIONAL 100 FEET IN EACH GROUND BOX, COMMUNICATION HUT OR FACILITY.

(ITS-38) THE QUANTITY INCLUDES ALL LABOR, MATERIALS, APPURTENANCES AND TESTING NECESSARY FOR A FIBER OPTIC CABLE SPLICE OR TERMINATION. ALL SPLICES OR TERMINATIONS SHALL BE BIDIRECTIONAL OTR AND LIGHT METER TESTED, DOCUMENTED AND MUST CONFORM TO THE SPECIAL PROVISION "FIBER OPTIC CABLE, TERMINATIONS AND SPLICING REQUIREMENTS". ANY SPLICE OR TERMINATION THAT FALLS OUTSIDE THIS SPECIAL PROVISION SPECIFICATIONS SHALL BE REMOVED AND RE-SPLICED OR RE-TERMINATED AT THE CONTRACTOR'S EXPENSE.

(ITS-39) THE CONTRACTOR SHALL PROVIDE "AS BUILT" DOCUMENTATION FOR ALL FIBER OPTIC CABLE ROUTES (TO & FROM), INDIVIDUAL FIBERS, TERMINATIONS, SPLICES, FINAL DESTINATIONS AND OTR AND LIGHT METER READINGS.

(ITS-40) SEE DETAIL SHEET ITS-21 "FIBER OPTIC ROUTE SIGN INSTALLATION DETAIL".

(ITS-41) THE COST OF THIS ITEM IS TO INCLUDE THE INSTALLATION OF PATCH PANELS (CORNING CCH-03U FOR 24 PORT PATCH PANEL, CCH-04U FOR 48 & 96 PORT PATCH PANELS), FIBER COUPLERS (CORNING CCH-CP12-19T, 2 FOR A 24 PORT PATCH PANEL 4 FOR A 48 PORT PATCH PANEL, 8 FOR A 96 PORT PATCH PANEL) AND SHALL INCLUDE ANY AND ALL MATERIALS, INSTALLATION AND APPURTENANCES NECESSARY FOR THE PLACEMENT OF THE PATCH PANELS UNLESS OTHERWISE DESCRIBED IN THE PLANS.

(ITS-42) WIRE SHALL BE XHHW OR THHN AWG #0 SHALL BE USED TO PROVIDE ELECTRICAL SERVICE TO ALL LOCATIONS.

(ITS-43) SPLICING SHALL BE DONE BY THE FUSION WELD METHOD. THE WELDING PROCESS SHALL BE SPECIFICALLY DESIGNED FOR SPLICING LEAF AND SINGLE MODE FIBERS IN BOTH THE LVD AND OVD DESIGN. OPTIC LOSS PER SPLICE SHALL BE EQUAL TO OR LESS THAN 0.15 dB DURING THE SPLICING OPERATION. THE PAYMENT FOR TERMINATIONS AND SPLICING SHALL BE PAID FOR AS FOLLOWS:

CORNING UNICAM "SC" CONNCTORS SHALL BE USED TO TERMINATE FIBERS.

SPLICES IN THE FIELD OR GROUND BOXES AT BRANCH LOCATIONS SHALL BE PAID UNDER THE FIBER OPTIC CABLE SPLICE PAY ITEM. SPLICES ALONG THE BACKBONE SHALL BE CONSIDERED PART OF THE CABLE AND PAID FOR UNDER THE FIBER OPTIC CABLE PAY ITEM.

MAXIMUM ALLOWABLE OPTICAL LOSS VALUES USING FOTP-171 TEST METHOD:  
 UNICAM CONNECTOR PAIR : 0.50 dB

CONSTRUCTOR SHALL SUPPLY SPLICE FORMS INDICATING SPLICER'S NAME, COMPANY NAME, ROUTE, JOB NUMBER, ROUTE SEGMENT, SPLICE LOCATIONS, SEQUENTIAL MARKINGS AT THE FIBER TERMINATION BOX AND AT THE ENTRANCE WALL, THE LOSS OF EACH SPLICE, TIME, DATE, AND REEL NUMBER. SEE "SPLICING DOCUMENTATION REQUIREMENTS" SPECIFICATION.

SPLICE ENCLOSURES SHALL BE ON OF THE FOLLOWING:  
 TYCO PART NO.  
 FOSC 450 B6 (OR APPROVED EQUAL) FOR LESS THAN OR EQUAL 48 FIBER OPTIC CABLES.  
 FOSC 450 D6 (OR APPROVED EQUAL) FOR MORE THAN 48 FIBER OPTIC CABLES.

(ITS-44) SEE SPECIAL PROVISION "CONFORMITY WITH PLANS AND SPECIFICATIONS".

REV. NO.	DESCRIPTION	REV. DATE	DATE
1	PAGE ADDED		8/22/16
	ITEM NO. CHANGED		8/23/16
	MODIFIED UNIT & QTY		8/24/16


**PAY QUANTITY SCHEDULE**

ITEM	DESCRIPTION	UNIT	QUANTITY
0450 ITS	J / P #21899(04)		
209	0120 MACHINE GRADING	LF	270.00
402	0100 (PL) TRAFFIC BOUND SURFACE COURSE	(ITS-5) CY	1157.00
509(B)	0321 CLASS A CONCRETE	(ITS-3, 6) CY	148.00
509(D)	0325 CLASS C CONCRETE	(ITS-3) CY	21.00
516(A)	6094 DRILLED SHAFTS 48" DIAMETER	LF	85.00
613(B)	4527 21" X 15" CORR. GALV. STEEL PIPE	(ITS-10) LF	370.00
613(M)	7196 TYPE A6 CULVERT END TREATMENT	EA	6.00
619(B)	4915 REMOVAL OF CONCRETE MEDIAN BARRIER	LF	100.00
802(C)	8550 HIGH DENSITY POLYETHYLENE (HDPE) CONDUIT BORED	(ITS-1) LF	120.00
802(C)	8552 2" HIGH DENSITY PE PIPE - BORED	(ITS-1) LF	280.00
802(C)	8553 3" HIGH DENSITY PE PIPE - BORED	(ITS-1) LF	50.00
802(C)	8556 1 1/2" HIGH DENSITY PE PIPE - TRENCHED	(ITS-1) LF	4080.00
802(C)	8557 2" HIGH DENSITY PE PIPE - TRENCHED	(ITS-1) LF	1280.00
802(C)	8558 3" HIGH DENSITY PE PIPE - TRENCHED	(ITS-1) LF	140.00
803(A)	8066 PULL BOX(SIZE II)	(ITS-4) EA	8.00
803(B)	8105 GROUND BOX (R48)	EA	1.00
804(B)	2916 REINFORCING STEEL	LB	1507.00
805(D)	8758 (PL) REMOVE & RESET OVERHEAD SIGN STRUCTURE	(ITS-9,28) EA	1.00
805(D)	8764 (PL) REMOVE & RESET /RELOCATE ITS EQUIPMENT	(ITS-32) EA	1.00
810(A)	3118 SERVICE POLE	(ITS-7,11,12) EA	2.00
811	8032 1/2" NO.0 ELECTRICAL CONDUCTOR	(ITS-42) LF	900.00
818(A)	8715 (SP) FIBER OPTIC CABLE, 24 SMF	(ITS-34,35,36,37,39,44) LF	2500.00
818(B)	8745 (SP) FIBER OPTIC PATCH PANEL, 24 PORT	(ITS-41) EA	2.00
818(C)	8735 (SP) FIBER OPTIC CABLE SPLICE	(ITS-34,38,43) EA	16.00
818(D)	8740 (SP) FIBER OPTIC CABLE TERMINATION	(ITS-34,38,43) EA	16.00
818(F)	8370 (SP) SHIELD ISOLATION PEDESTAL	(ITS-45) EA	1.00
818(G)	5570 (SP) FIBER OPTIC ROUTE SIGN & INSTALLATION	(ITS-40,46) EA	6.00
819	8780 (PL) FIBER OPTIC & COMMUNICATION EQUIPMENT	(ITS-47) LSUM	1.00
819(B)	5550 (PL) INSTALLATION OF COMMUNICATION CABLE	(ITS-20) LF	1050.00
824(C)	6551 (SP) CABINET	(ITS-2,20) EA	3.00
852(I)	8745 UPRIGHTS FOR OVERHEAD SIGN STRUCTURE	(ITS-17,29,30) EA	2.00
852A/B	9009 OVHD.SN.STR.TYPE D ALUM./G.STL	(ITS-17) EA	2.00
870(A)	8011 SAND FILLED IMPACT ATTENUATION MODULE	(ITS-8) EA	95.00
877(B)	8484 DELIVERY OF PORTABLE LONGITUDINAL BARRIER	(ITS-25,27,31) LF	250.00
877(C)	8486 RELOCATION OF PORTABLE LONGITUDINAL BARRIER	(ITS-25,27,31) LF	125.00
887(A)	8540 (SP) LED DYNAMIC MESSAGE SIGN FIELD EQUIPMENT(18 INCH)	(ITS-13,14,21) EA	4.00
887(C)	8500 (SP) LED D.M.S SYSTEM SUPPORT EQUIPMENT	(ITS-14,33) LSUM	1.00

(ITS-45) COST BID FOR THIS ITEM TO INCLUDE THE COST OF ONE (1) FULL-SIZED SHIELD ISOLATION PEDESTAL (RELIABLE MODEL SIP40), ONE (1) W-FLANGE POST (1.12 - 2 LBS.FT.), TWO (2) FIBER OPTIC SIGNS, THE TAGGING AND IDENTIFYING OF EACH FIBER CABLE AND THE AWG #6 WIRE RUN BETWEEN THE SHIELD ISOLATION PEDESTAL AND THE SPLICE POINT, REGARDLESS OF ITS LOCATION IN THE SPLICE BOX, GROUND BOX, 332 CABINET, COMMUNICATION HUT OR ETC. COST TO INCLUDE ALL APPURTENANCES AND MATERIALS NECESSARY TO CONNECT ALL SPLICE POINTS TO THE SHIELD ISOLATION PEDESTAL INCLUDING THE PEDESTAL STAKE (MARCONI MS1342) AND GROUND ROD (ERICO 6138529) PER OCCURRENCE.


(ITS-46) SEE DETAIL "FIBER OPTIC ROUTE SIGN INSTALLATION".

(ITS-47) SEE SPECIAL PROVISION "FIBER OPTIC & COMMUNICATION EQUIPMENT".



PREPARED BY:  
 OKLAHOMA DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE DIVISION

*Jared D. Schwennesen*  
 DATE: 8-24-16  
 OKLA. REG. NO. 25795



SIGNED AND SEALED FOR SHEETS ITS-01 - ITS-23			
<b>ITS PAY QUANTITIES</b>	Drawn	JEK	5/16
	Design	JEK	5/16
	Checked	JS	5/16
MAINTENANCE/ITS GROUP JARED SCHWENNESEN			
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION		
	DIVISION 8	STATE JOB NO. 21899(04)	SHEET NO. ITS-01
TULSA & ROGERS COUNTIES			