

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0684-01	2019	4	109

GENERAL NOTES

- REFERENCE IS MADE TO KDOT AND CITY OF WICHITA AND MAY BE USED INTERCHANGEABLY IN SOME CIRCUMSTANCES. IF THERE IS A DISCREPANCY BETWEEN OR AMONG THE FOLLOWING CONTRACT DOCUMENTS, THE GOVERNING RANKING OR ORDER OF PRECEDENCE IS:
 - INFORMATION RECEIVED AT PREBID / ADDENDUM
 - PLANS
 - PROJECT SPECIAL PROVISIONS
 - SPECIAL PROVISIONS
 - STANDARD SPECIFICATIONS

IF THERE IS A DISCREPANCY BETWEEN THE ITS SPECIFICATIONS AND TRAFFIC SIGNAL SPECIFICATIONS, THE GOVERNING SPECIFICATION WILL FOLLOW THE SPECIFIC WORK/DEVICE BEING PERFORMED (ITS VERSES TRAFFIC SIGNAL OPERATION). THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY RELATED TO THE WORK BEING PERFORMED.
- ALL WORK WILL BE CONFINED WITHIN THE EXISTING ROADWAY RIGHT-OF-WAY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND KEEP INSTALLATION OF ALL EQUIPMENT AND DEVICES WITHIN THE EXISTING ROADWAY RIGHT-OF-WAY.
- CONTRACTOR SHALL MAINTAIN 2 FT CONDUIT CLEARANCE FROM ALL LANDSCAPED FEATURES AND IRRIGATION SYSTEMS EXISTING WITHIN THE RIGHT-OF-WAY. ANY LANDSCAPING OR IRRIGATION SYSTEMS DISTURBED DURING CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ORIGINAL CONDITION. NO ADDITIONAL PAYMENT WILL BE MADE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL DISTURBED WORK AREAS. RESTORATION INCLUDES SEEDING, FERTILIZING, MULCHING, AND THE REMOVAL OF ALL UNUSED MATERIAL AND DEBRIS FROM THE WORK AREA ACCORDING TO THE KDOT STANDARD SPECIFICATIONS AND AS REQUIRED BY THE ENGINEER. ALL GRADING WORK SHALL SLOPE AWAY FROM FOUNDATIONS TO PREVENT PONDING. ADEQUATE TEMPORARY PROTECTION AGAINST EROSION SHALL BE PROVIDED ACCORDING TO THE KDOT UTILITY ACCOMMODATION POLICY. THIS ITEM OF WORK IS INCIDENTAL TO THE SITE BID ITEM.
- SEEDING MIX SHALL BE TALL FESCUE (ENDOPHYTE FREE) PURE LIVE SEED (PLS), 220 LBS/ACRE. SEEDING SHALL BE COMPLETED IN ACCORDANCE WITH KDOT STANDARD SPECIFICATIONS FOR COOL GRASS MIX DESIGN. SEEDING SHALL BE CONSIDERED SUBSIDIARY TO THE CONSTRUCTION PER LUMP SUM SITE. IT IS ANTICIPATED THAT THE TOTAL DISTURBED AREA WILL BE LESS THAN 1 ACRE BUT IS BASED ON THE CONSTRUCTION METHODS OF THE CONTRACTOR AND MAY CHANGE AT NO ADDITIONAL COST TO KDOT.
- THE CONTRACTOR SHALL DETERMINE ANY CONFLICTS WITH EXISTING UTILITIES INCLUDING KDOT LIGHTING AND FIBER IN THE FIELD PRIOR TO INITIATION OF CONSTRUCTION PER SITE. THE CONTRACTOR SHALL CONTACT THE ENGINEER UPON DETERMINATION OF ANY UTILITY CONFLICTS. THE CONTRACTOR SHALL ADHERE TO KDOT'S UTILITY ACCOMMODATION POLICY UNLESS OTHERWISE NOTED.
- PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CALL DIG SAFE AT 811 OR 1-800-344-7233 (1-800-DIG SAFE) TO REQUEST THE UTILITIES BE MARKED IN THAT AREA. THE CONTRACTOR SHALL CALL THE KDOT FIELD ENGINEER TO REQUEST THAT KDOT LIGHTING AND ITS (FIBER, OTHER) BE MARKED IN THAT AREA. THE CONTRACTOR SHALL ALSO CONTACT ANY AND ALL UTILITIES AND LOCAL GOVERNMENT AGENCIES NOT PARTICIPATING IN LOCATION SERVICES.
- SURVEY AND STAKE LOCATIONS WHERE POLES, FOUNDATIONS, CABINETS, POWER SERVICES, PULL BOXES, AND SPLICE VAULTS ARE TO BE INSTALLED. APPROVED STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ANY EXCAVATION.
- PLACEMENT OF ALL EQUIPMENT, CABINETS, TRANSFORMERS, SPLICE BOXES AND PULL BOXES MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION AND BEFORE SURVEYORS LEAVE EACH SITE. ORIENTATION OF ALL CABINETS SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. ANY RESTAKING NECESSITATED BY ADJUSTMENT IS CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL PAYMENT WILL BE MADE.
- CONDUIT SHALL BE INSTALLED IN STRAIGHT LINES EITHER PARALLEL OR PERPENDICULAR TO THE RIGHT-OF-WAY TO THE EXTENT POSSIBLE. THE CONTRACTOR SHALL DETERMINE FINAL ROUTING BASED ON ACTUAL FIELD CONDITIONS PRIOR TO CONSTRUCTION AT EACH SITE, INCLUDING UTILITY LOCATOR SERVICE MARKINGS, TO PREVENT CONFLICTS WITH EXISTING UTILITIES. CONTRACTOR TO ROUTE TRUNKLINE CONDUIT ADJACENT TO RIGHT-OF-WAY LINE AND BRANCH LINE PERPENDICULAR TO RIGHT-OF-WAY LINE.
- THE CONTRACTOR SHALL FIELD REVIEW CONDUIT ON STRUCTURE FOR NECESSARY ROUTING, MOUNTING HARDWARE (INCLUDING BRIDGE HANGERS, FITTINGS, EXPANSION JOINTS AND JUNCTION BOXES) FOR ALL EXTERNALLY MOUNTED CONDUITS PRIOR TO SUBMITTAL OF BID TO DETERMINE THE TYPES AND EXTENT OF INCIDENTAL ITEMS TO BE INCLUDED IN THE UNIT PRICE OF CONDUIT.
- BRIDGE ATTACHMENTS ON KDOT STRUCTURES REQUIRE A SEPARATE PERMIT FROM KDOT THAT SHALL BE OBTAINED BY THE CONTRACTOR PER KDOT'S UTILITY ACCOMMODATION POLICY.
- ALL TRAFFIC CONTROL PLANS AND LANE CLOSURES SHALL BE PRE-APPROVED BY THE ENGINEER.

- PROPOSED ITS EQUIPMENT LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED TO AVOID CONFLICTS WITH UNDERGROUND UTILITIES OR OTHER OBSTRUCTIONS. DMS, CCTV CAMERA, DETECTOR AND WIRELESS EQUIPMENT LOCATIONS ARE LOCATION SENSITIVE. THE CONTRACTOR AND ENGINEER SHALL RECEIVE APPROVAL FROM THE KDOT ITS ENGINEER PRIOR TO REVISING THE PLAN LOCATION OR ORIENTATION OF ANY ITS EQUIPMENT.
- KDOT OR CITY OF WICHITA WILL FURNISH HARDWARE AS DESCRIBED IN THE PLANS, SPECIFICATIONS, AND ON THE SUMMARY OF QUANTITIES. CONTRACTOR SHALL CAREFULLY REVIEW PLANS AND SPECIFICATIONS FOR DETAILS ON KDOT/CITY OF WICHITA FURNISHED ITEMS.
- CONTRACTOR SHALL COORDINATE WITH THE ENGINEER A LOCATION TO STORE KDOT/WICHITA FURNISHED EQUIPMENT AND INCIDENTAL ITEMS. CONTRACTOR SHALL PROVIDE THE MEANS TO UNLOAD AND LOAD KDOT/WICHITA FURNISHED EQUIPMENT, SIGNS, CABINETS, AND INCIDENTAL ITEMS AT THE ARRANGED STORAGE LOCATION. THIS ITEM OF WORK IS INCIDENTAL TO THE SITE BID ITEM.
- ALL ITS EQUIPMENT CALLED OUT BY PLANS AND SPECIFICATIONS AS "INSTALL" OR KDOT FURNISHED, INCLUDING DMS, CCTV ASSEMBLIES, DETECTORS, AND COMMUNICATIONS EQUIPMENT, SHALL INCLUDE ALL LOADING AND TRANSPORTATION FROM A DESIGNATED KDOT FACILITY, INSTALLATION, AND TESTING IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR SHALL COORDINATE WITH ENGINEER AND MANUFACTURER FOR A STORAGE LOCATION AT A DESIGNATED FACILITY.
- INSTALLATION, TESTING, AND INTEGRATION OF ALL ITS DEVICES, INCLUDING KDOT FURNISHED ITEMS, SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR SHALL NOTIFY ANY/ALL APPLICABLE UTILITY COMPANIES LOCATED WITHIN EXISTING DUCT BANKS AT LEAST TWO WEEKS AND AGAIN AT 72 HOURS PRIOR TO PERFORMING ANY WORK IN DUCT BANKS WITH SHARED UTILITIES. THE UTILITY COMPANY MAY REQUIRE A REPRESENTATIVE TO BE ON SITE.
- WESTAR SHALL BE NOTIFIED AT LEAST TWO (2) WEEKS AND AGAIN AT 72 HOURS PRIOR TO PERFORMING ANY WORK IN OR AROUND THE EXISTING WESTAR DUCT BANK ALONG MAIN STREET BETWEEN CITY HALL AND DOUGLAS. A WESTAR REPRESENTATIVE MUST BE PRESENT FOR ALL WORK WITHIN THIS SPECIFIC EXISTING WESTAR DUCT BANK. ANY ASSOCIATED COSTS SHALL BE PAID FOR BY THE CONTRACTOR AND SUBSIDIARY TO OTHER ITEMS OF THE CONTRACT.
- CONTRACTOR SHALL NOTIFY CENTURYLINK AND/OR KTA WHEN APPLICABLE TWO WEEKS AND AGAIN AT 72 HOURS PRIOR TO PERFORMING ANY WORK WITHIN 5 FT OF A CENTURYLINK OR KTA BACKBONE FIBER. A CENTURYLINK, KTA WHEN APPLICABLE, AND KDOT INSPECTOR MUST BE PRESENT FOR WORK WITHIN 5 FT OF FIBER OPTIC FACILITIES.
- AT NO TIME SHALL THE CONTRACTOR ACCESS A CENTURYLINK AND/OR KTA PULLBOX OR SPLICE VAULT FOR ANY REASON WITHOUT A CENTURYLINK AND/OR KTA INSPECTOR PRESENT.
- ALL WORK WITHIN 10 FT OF CENTURYLINK AND/OR KTA FIBER BACKBONE SHALL BE CARRIED OUT WITH HAND TOOLS ONLY. NO MECHANIZED EQUIPMENT SHALL BE ALLOWED IN THE ACCESS OF THE KDOT CONDUIT FROM THE CENTURYLINK AND / OR KTA CONDUIT ARRAY. HYDRO EXCAVATION IS ALLOWED.
- CONTRACTOR TO MAINTAIN AT LEAST 20 FT OF CLEARANCE FROM ALL EXISTING GAS FACILITIES AND 5 FT OF CLEARANCE FROM CENTURYLINK AND / OR KTA FIBER. EXCEPTION ALLOWED WHEN PERFORMING WORK WITH CENTURYLINK WHILE KDOT AND CENTURYLINK INSPECTOR PRESENT.
- WHEN WITHIN 5 FT OF KDOT OR CITY LIGHTING FACILITIES, CONDUIT SHALL BE HAND DUG.
- HIGH VOLTAGE POWER LINES MAY BE WITHIN THE PROJECT LIMITS. ALL WORK IS TO BE PERFORMED IN CONFORMANCE WITH ALL STATE, LOCAL, FEDERAL, UTILITY, AND CONTRACT REQUIREMENTS. KDOT HAS NO CONTROL OVER THE MEANS, METHODS, CHOICE OF EQUIPMENT, SEQUENCING OF WORK, AND SAFETY PRACTICES USED WHEN WORKING IN, ON, OR AROUND HIGH VOLTAGE LINES OR OTHER UTILITY STRUCTURES AS THESE ITEMS ARE THE RESPONSIBILITY OF THE PARTIES CONTROLLING THE PHYSICAL PERFORMANCE OF THE WORK.
- ALL GROUNDING SYSTEMS SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND MANUFACTURER SPECIFICATIONS. FOLLOW APPLICABLE NEC REQUIREMENTS FOR INSTALLATION OF ALL PROJECT MATERIALS. THE CONTRACTOR SHALL PROPERLY GROUND ALL EQUIPMENT, CABINET, AND GROUND RODS PER APPLICABLE STANDARDS OR AS DIRECTED BY ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING AND PAYING FOR THE ELECTRICAL SERVICE IN KDOT'S NAME WHEN IN KDOT AREA AT THE LOCATIONS SHOWN ON THE PLANS. CONTRACTOR SHALL MAKE PAYMENT OF ALL POWER COMPANY FEES UNTIL KDOT OR CITY OF WICHITA ASSUMES OWNERSHIP. UTILITY COMPANY, CONTACT NAME, AND PHONE NUMBER FOR EACH SITE ARE LISTED ON THE ELECTRICAL SERVICE LOCATION SUMMARY SHEET.
- WARNING TAPE IS REQUIRED IN ALL TRENCHES CONTAINING CONDUIT. MULTIPLE CONDUITS IN PARALLEL SHALL SHARE THE SAME TRENCH.
- CONTRACTOR TO INSPECT AND REPAIR EXISTING CONDUIT. SEE CONDUIT SPECIFICATIONS FOR ADDITIONAL DETAILS. REPAIRS WILL BE PAID FOR UNDER ITS UNIT COST ITEM "CONDUIT REPAIR".

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY EXISTING CONDUIT AND REPLACE ANY EXISTING CONDUCTORS OR OTHER FACILITIES DAMAGED DURING CONSTRUCTION. CONTRACTOR SHALL DOCUMENT (VIDEO, IMAGES) EXISTING INFRASTRUCTURE PRIOR TO COMMENCING WORK. ALL EXISTING IMPROVEMENTS REMOVED OR DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR, WITH NO ADDITIONAL PAYMENT.
- THE CONTRACTOR SHALL PROVIDE CITY OF WICHITA AN ELECTRONIC LIST OF GPS READINGS (EXCEL FORMAT) AND AS-BUILT KMZ FILE FOR ALL INSTALLED DEVICES, PULL BOXES, SPLICE VAULTS, CABINETS, POWER METERS, TRANSFORMERS, AND WIRELESS TOWERS. THE ACCURACY OF THE GPS READINGS SHALL BE WITHIN 3 FT. OBTAIN GPS AND THREE TIE-POINT MEASUREMENTS FOR EACH BURIED ELECTRICAL PULL BOX PRIOR TO PLACING BACKFILL MATERIAL.
- CONTRACTOR SHALL EQUIP THE TRENCHING/PLOWING EQUIPMENT WITH GPS TRACKING TECHNOLOGY OR PROPOSE ALTERNATE METHOD OF HARD LOCATING GPS POINTS. GPS READINGS SHALL BE TAKEN AT EVERY SPLICE VAULT AND AT A MINIMUM AT EVERY 100 FEET ALONG THE TRENCH LINE. WHEN BORING, VENDOR SHALL TAKE MANUAL GPS POINTS EVERY 20 FEET AND IMPORT THESE POINTS INTO THE GIS TOOL. VERTICAL BORE HEIGHT FROM EXISTING GROUND SHALL ALSO BE INCLUDED. CONTRACTOR SHALL FORM A LINE FROM BORING POINTS TO TRENCHING POINTS TO PROVIDE AN AS-BUILT LOCATION MAP AND PROFILE CHART. THE ACCURACY OF THE GPS READINGS SHALL BE WITHIN 3 FEET (1 METER). CONTRACTOR SHALL PROVIDE TO THE OWNER THE AS-BUILT KMZ FILE, AS-BUILT ELECTRONIC LIST OF ALL GPS READINGS, AND AS-BUILT PROFILE CHART.
- ALL MATERIALS SHALL MEET THE BUY AMERICA ACT REQUIREMENTS OUTLINED IN SECTION 106 OF KDOT'S STANDARD SPECIFICATIONS.
- THE CONTRACTOR WILL BE REQUIRED TO WORK IN CONJUNCTION AND COORDINATE WITH OTHER WORKING CONTRACTORS IN CERTAIN AREAS OF THE CONSTRUCTION LIMITS. THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL PAYMENT WILL BE MADE.
- LOCATING, TRACING, AND POTHOLING FOR EXISTING UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR. POTHOLING SHALL BE COMPLETED BY HYDRO EXCAVATION AND BE RESTORED WITH SIMILAR MATERIAL AND CONSTRUCTION METHODS. NO ADDITIONAL PAYMENT WILL BE MADE FOR LOCATING OR POTHOLING EXISTING UTILITIES, INCLUDING PAVEMENT RESTORATION. ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR LOCATING EXISTING UTILITIES SHALL NOT BE PAID FOR DIRECTLY BUT IS SUBSIDIARY TO OTHER ITEMS OF THE CONTRACT.
- THE CONTRACTOR SHALL PROOF EXISTING CONDUITS AND VERIFY CONDUIT WILL ACCOMMODATE NEW FIBER PRIOR TO INSTALLATION. THIS WORK IS INCIDENTAL TO OTHER ITEMS OF THE CONTRACT. SEE ITS EQUIPMENT SPECIFICATION 5.0 FOR ADDITIONAL INFORMATION.
- MOST EXISTING CONDUIT ROUTES CONTAIN A CITY OF WICHITA 6-PAIR TRAFFIC SIGNAL CABLE THAT SHALL BE REMOVED. THIS EXISTING CABLE MAY BE USED TO LOCATE EXISTING CONDUIT PATHS AND FOR INSTALLATION OF NEW FIBER. REMOVAL OF EXISTING CABLE IS INCIDENTAL TO NEW FIBER.
- IP SCHEMA WILL BE PROVIDED BY THE CITY OF WICHITA AND KDOT DURING CONSTRUCTION.
- THE INFORMATION SHOW IN THESE PLANS IS BASED ON THE BEST INFORMATION AVAILABLE BUT MAY DIFFER FROM FIELD CONDITIONS. EXISTING COMMUNICATION DUCT PLANS, INTERSECTION WIRING DIAGRAMS AND BUILDING CONNECTIONS IS AVAILABLE FOR REVIEW FROM THE CITY OF WICHITA.
- IT IS THE PRIME CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL SHOP DRAWINGS, TESTING RESULTS, AND ALL OTHER REQUIRED SUBMITTALS PRIOR TO SUBMITTING FOR ENGINEER'S APPROVAL. THE ENGINEER WILL NOT REVIEW ANY SUBMITTED DOCUMENTATION OR BEGIN ANY TESTING PERIODS UNTIL THIS WORK IS COMPLETE.
- ALL TRAFFIC SIGNAL CONTROLLERS, RADIOS, CABINETS, AND OTHER APPURTENANT EQUIPMENT SHOWN TO BE REMOVED, SHALL BE REMOVED IN SALVAGEABLE CONDITION AND TRANSPORTED TO THE APPROPRIATE LOCATION AS SHOWN BELOW. CONTACT ENTITY RESPONSIBLE FOR SIGNALS PRIOR TO BEGINNING WORK ON SITE. CONTACT INFORMATION FOR REMOVAL AND COORDINATION IS SHOWN BELOW:

KDOT EQUIPMENT
 KDOT WICHITA METRO HILLSIDE OFFICE
 ATTN: TOM HEIN
 PHONE: 316-217-0356
 3200 E. 45TH ST. N.
 WICHITA, KS 67220

CITY OF WICHITA EQUIPMENT:
 CITY OF WICHITA CENTRAL MAINTENANCE
 ATTN: KEVIN SHORE
 PHONE: 316-268-4033
 1801 S MCLEAN BLVD
 WICHITA KS, 67213

KANSAS DEPARTMENT OF TRANSPORTATION			
GENERAL NOTES			
ITS-D02 VERSION DATE: 05-29-17			
APP'D	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.

Plotted : 23-JUL-2019 11:13
 Drawn By : Road
 File : ITS-D02.dgn