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| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
| KANSAS | 87 N-0673-01 | 2017 | 4 | 99 |

GENERAL NOTES

1. 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:
 - A. INFORMATION RECEIVED AT PREBID / ADDENDUM
 - B. PLANS
 - C. PROJECT SPECIAL PROVISIONS
 - D. SPECIAL PROVISIONS
 - E. 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 VERSUS TRAFFIC SIGNAL OPERATION). THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY RELATED TO THE WORK BEING PERFORMED.
2. 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.
3. 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.
4. 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.
5. 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 UP TO 1 ACRE BUT IS BASED ON THE CONSTRUCTION METHODS OF THE CONTRACTOR AND MAY CHANGE AT NO ADDITIONAL COST TO KDOT.
6. 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.
7. 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.
8. THE CITY OF WICHITA SURVEYORS WILL 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.
9. PLACEMENT OF ALL DMS AND CCTV FOUNDATIONS, CABINETS, TRANSFORMERS, 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.
10. 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.
11. 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.
12. BRIDGE ATTACHMENTS REQUIRE A SEPARATE PERMIT FROM KDOT THAT SHALL BE OBTAINED BY THE CONTRACTOR PER KDOT'S UTILITY ACCOMMODATION POLICY.
13. ALL TRAFFIC CONTROL PLANS AND LANE CLOSURES SHALL BE PRE-APPROVED BY THE ENGINEER.
14. 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.
15. 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.
16. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER A LOCATION TO STORE KDOT/WICHITA FURNISHED DMS SIGNS, CABINETS, AND INCIDENTAL ITEMS. CONTRACTOR SHALL PROVIDE THE MEANS TO UNLOAD AND LOAD KDOT/WICHITA FURNISHED DMS SIGNS, CABINETS, AND INCIDENTAL ITEMS AT THE ARRANGED STORAGE LOCATION. THIS ITEM OF WORK IS INCIDENTAL TO THE SITE BID ITEM.
17. 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 KDOT FACILITY.
18. INSTALLATION, TESTING, AND INTEGRATION OF ALL ITS DEVICES, INCLUDING KDOT FURNISHED ITEMS, SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
19. ITS EQUIPMENT POLE LOCATIONS AS SHOWN HAVE APPROPRIATE CLEAR ZONE PROTECTION. WHERE APPLICABLE, AND WHEN ITS POLES ARE TO BE PLACED NEAR EXISTING GUARDRAIL, ITS EQUIPMENT POLES SHALL BE LOCATED SUCH THAT THERE IS A MINIMUM OF 7 FT OF CLEARANCE FROM BACK OF GUARD RAIL TO FACE OF EQUIPMENT POLE. VARIATION FROM PLAN LOCATION MUST BE APPROVED BY ENGINEER.
20. TRANSFORMER LOCATIONS AS SHOWN HAVE APPROPRIATE CLEAR ZONE PROTECTION. VARIATION FROM PLAN LOCATION MUST BE APPROVED BY ENGINEER. LOCATE TRANSFORMERS AND POWER SUPPLY POLES AT THE RIGHT-OF-WAY LINE/FENCE WHEN POSSIBLE.
21. 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.
22. 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.
23. 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.
24. 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.
25. WHEN WITHIN 5 FT OF KDOT LIGHTING FACILITIES, CONDUIT SHALL BE HAND DUG.
26. 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.
27. 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.
28. 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.
29. WARNING TAPE IS REQUIRED IN ALL TRENCHES CONTAINING CONDUIT. MULTIPLE CONDUITS IN PARALLEL SHALL SHARE THE SAME TRENCH.
30. 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".
31. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY EXISTING CONDUIT AND REPLACE ANY EXISTING CONDUCTORS OR OTHER FACILITIES DAMAGED DURING CONSTRUCTION. ALL EXISTING IMPROVEMENTS REMOVED OR DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR, WITH NO ADDITIONAL PAYMENT.
32. PRIOR TO INSTALLING DMS SUPPORT STRUCTURES, THE CONTRACTOR SHALL VERIFY FINAL ELEVATIONS OF DMS FOUNDATIONS TO ENSURE THAT THEY WILL PROVIDE FOR THE CORRECT HEIGHT OF THE OVERALL DMS STRUCTURE WHEN INSTALLED.
33. DMS SHALL NOT BE ATTACHED TO THE SUPPORT POSTS UNTIL THE SUPPORTING SYSTEMS OF CONDUIT, PULL BOXES, CONTROLLER ASSEMBLIES, POWER SUPPLY ASSEMBLIES, AND ALL OTHER ITEMS NECESSARY ARE IN PLACE TO PROVIDE A FULLY FUNCTIONING DMS SYSTEM.
34. CCTV POLES SHOULD BE ORIENTED SO THAT POLE HANDHOLE USED FOR CAMERA LOWERING OPERATIONS IS: NOT ON THE DOWNHILL SIDE OF A SLOPE, NOT DIRECTLY BENEATH THE CAMERA, AND WOULD NOT EXPOSE WORKERS TO TRAFFIC. POLE MOUNTED CABINETS SHALL BE INSTALLED SO THAT THEY ARE NOT DIRECTLY BENEATH THE CAMERA. THE ENGINEER SHALL APPROVE PLACEMENT OF CAMERA POLES.
35. CCTV CAMERAS AND DMS SHALL BE ORIENTED ACCORDING TO THE CCTV ORIENTATION DETAIL AND THE DMS ORIENTATION DETAIL.
36. THE CONTRACTOR SHALL INSTALL DETECTORS AND ANTENNAS SO AS TO NOT INTERFERE WITH THE CCTV LOWERING DEVICE.
37. THE CONTRACTOR SHALL PROVIDE CITY OF WICHITA AN ELECTRONIC LIST OF GPS READINGS (EXCEL FORMAT) FOR ALL INSTALLED DEVICES (DMS, CCTV, DET), 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.
38. CONTROLLED DEMOLITION: THE REMOVAL OF EXISTING STATIC SIGN STRUCTURES, CANTILEVER, AND BUTTERFLY STRUCTURES IS A CONTROLLED DEMOLITION. CONTRACTOR SHALL SUBMIT DEMOLITION PLANS TO THE FIELD ENGINEER PER KDOT SPECIFICATIONS AND PER KDOT CONTROLLED DEMOLITION SPECIAL PROVISIONS. CONTROLLED DEMOLITION, DEMOLITION PLANS, AND CONTINGENCY PLANS ARE SUBSIDIARY TO THE SITE BID AND NO ADDITIONAL PAYMENT WILL BE MADE.
39. ALL MATERIALS SHALL MEET THE BUY AMERICA ACT REQUIREMENTS OUTLINED IN SECTION 106 OF KDOT'S STANDARD SPECIFICATIONS.
40. A GEOTECH REPORT FOR SITES 5,6 & 9 IS AVAILABLE FOR REVIEW FROM THE CITY OF WICHITA.
41. 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.
42. ALL TRAFFIC SIGNAL CONTROLLERS, RADIOS, AND OTHER APPURTENANT EQUIPMENT SHOWN TO BE REMOVED, SHALL BE REMOVED IN SALVAGEABLE CONDITION AND TRANSPORTED TO THE APPROPRIATE MUNICIPALITY AS SHOWN BELOW. CONTACT ENTITY RESPONSIBLE FOR SIGNALS PRIOR TO BEGINNING WORK ON SITE. CONTACT INFORMATION FOR REMOVAL AND COORDINATION IS SHOWN BELOW:

KDOT OWNED DEVICES
 KDOT WICHITA METRO HILLSIDE OFFICE
 ATTN: DALE HOLSEY
 PHONE: 316-217-0355
 3200 E. 45TH ST. N.
 WICHITA, KS 67220

K-15 & MARKET TO K-15 & BUCKNER:
 CITY OF DERBY PUBLIC WORKS
 ATTN: DAN SQUIRES
 PHONE: 316-788-6632
 3531 CORPORATE PARK DR.
 DERBY, KS 67037

K-15 & MEADOWLARK TO K-15 & MACARTHUR:
 SEDGWICK COUNTY PUBLIC WORKS
 ATTN: MARK BORST
 PHONE: 316-660-1752
 1144 S. SENECA
 WICHITA KS, 67213

K-15 & 31ST STREET TO US-54:
 CITY OF WICHITA CENTRAL MAINTENANCE
 ATTN: KEVIN SHORE
 PHONE: 316-268-4033
 1801 S MCLEAN BLVD
 WICHITA KS, 67213

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