

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:

KANSAS ONE-CALL 687-2470

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AT&T	1-316-246-8464
BLACK HILLS ENERGY (GAS)	1-800-694-8989
CITY OF WICHITA WATER & SEWER	1-316-219-8921
CITY OF WICHITA STORMWATER	1-316-268-4090
CITY OF WICHITA TRAFFIC	1-316-268-4034
COX COMMUNICATIONS	1-888-249-3530
KANSAS GAS SERVICE	1-888-482-4950
EVERGY	1-800-544-4857
3. UTILITY SERVICE LINES, POLES, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
4. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS, IN THE OPINION OF THE ENGINEER, THAT WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WILL REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
5. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY OR ON CITY PARK LAND WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE CITY ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE. ALL TREES REMOVED TO BE APPROVED BY CITY PRIOR TO IMPLEMENTING.
6. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
8. IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER AT traffic@wichita.gov BEFORE CONSTRUCTION CAN BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES TO FACILITATE CONSTRUCTION. ALL CONSTRUCTION ZONE MARKINGS AND SIGNAGE SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS PUBLISHED BY THE US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION. ALL COSTS ASSOCIATED WITH CONSTRUCTION MARKINGS AND SIGNAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
9. STAKING AND INSPECTION FOR THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE SEEDED AND MULCHED. COST SHALL BE CONSIDERED SUBSIDIARY TO PROJECT SEEDING.
11. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
12. ALL TRAFFIC CONTROL DEVICES IN THE WORK ZONE (INCLUDING MARKINGS AND SIGNS) AND THEIR INSTALLATION AND MAINTENANCE SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL DEVICES IN THE TRAVELED WAY OR CLEAR ZONE SHALL BE CRASHWORTHY (NCHRP REPORT 350 OR MASH COMPLIANT).
https://safety.fhwa.dot.gov/roadway_dept/countermeasures/reduce_crash_severity/

13. ALL CONSTRUCTION EQUIPMENT, INCLUDING VEHICLES, MATERIALS, AND DEBRIS, SHALL BE OPERATED AND STORED A SAFE DISTANCE FROM CHANNEL BANKS.
14. EXCEPT WHEN REQUIRED FOR SAFETY, TRAFFIC CONTROL SHALL NOT BLOCK ANY LANES OR SIDEWALKS WHEN WORK IS NOT BEING PERFORMED.
15. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF THE EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAW JOINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF SURFACE OR PAVEMENT.
16. FOLLOW THE LINK BELOW FOR CONSTRUCTION DETAILS ON SPECIFIC CITY OF WICHITA STANDARD DETAILS: <http://www.wichita.gov/PWU/Pages/Regulations.aspx>
17. A CONCRETE WASHOUT LOCATION SHALL BE DESIGNATED BY THE CONTRACTOR WITH A CONTRACTOR FURNISHED CONCRETE WASHOUT CONTAINMENT AND APPROVED BY THE CITY. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO "SITE RESTORATION".
18. ALL DISTURBED AREAS, INCLUDING RUTTED AREAS FROM CONSTRUCTION TRAFFIC DURING WET CONDITIONS, SHALL BE SUBSTANTIALLY RESTORED. THIS EFFORT SHALL BE PAID FOR WITH THE SITE RESTORATION BID ITEM.
19. CONTRACTOR SHALL CONTACT THE FOLLOWING PIPELINE COMPANY REPRESENTATIVES A MINIMUM OF 2 WEEKS PRIOR TO CONSTRUCTION.

PHILLIPS 66	NOLAN DEALY	316-652-5287
KPC	JOHN AMREIN	913-441-8441

CONSTRUCTION SEQUENCING

CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE TO THE PROJECT ENGINEER FOR REVIEW BY CITY STAFF INCLUDING THE PARKS AND RECREATION DEPARTMENT. THE REMOVAL OF THE EXISTING BRIDGE AND BRIDGE ABUTMENTS SHALL BE DELAYED AS LONG AS POSSIBLE FOR USE BY THE PUBLIC DURING THE SUMMER.

1. CONSTRUCT EARTH AND ROCK GAS EASEMENT CROSSING.
2. TREE REMOVAL AND SITE CLEARING. PREPARE LAYDOWN AREA.
3. REMOVE EXISTING BRIDGE AND BRIDGE ABUTMENTS.
4. CONSTRUCTION NEW BRIDGE ABUTMENTS.
5. PERFORM GRADING.
6. INSTALL BMP'S.
7. SET PREFABRICATED BRIDGE.
8. CONSTRUCTION NEW SIDEWALK ON BOTH SIDES OF BRIDGE.
9. REPAIR DAMAGED SIDEWALK, CURBS, AND PAVEMENTS.
10. PERFORM OTHER SITE RESTORATION INCLUDING FINAL SEEDING.
11. WATER DISTURBED AREAS FREQUENTLY TO MINIMIZE DUST.
12. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE STABILIZED.
13. REMOVE BMP'S ONLY AFTER ALL PAVING IS COMPLETE AND EXPOSED SURFACES ARE STABILIZED. EXPOSED SURFACES ARE STABILIZED WHEN 75% VEGETATIVE COVER HAS BEEN ESTABLISHED.

TREE REMOVAL NOTES

1. CITY PARKS AND RECREATION DEPARTMENT STAFF WILL REMOVE TREES REQUIRED FOR CONSTRUCTION VEHICLE ACCESS, INCLUDING THE STAGING AREA. THESE TREES WILL BE REMOVED PRIOR TO THE CONTRACTOR MOBILIZING TO THE SITE. THE LIMITS OF THE CITY'S REMOVAL WILL BE STAKED PRIOR TO THE PROJECT BID DATE.
2. ADDITIONAL TREE REMOVAL AND TRIMMING, BY THE CONTRACTOR, WILL BE NECESSARY. TREES TO BE REMOVED BY THE CONTRACTOR ARE MARKED **X** ON THESE PLANS. TREE REMOVAL SHALL BE PAID FOR AS "TREE REMOVAL, LARGE" OR "TREE REMOVAL, SMALL". REMOVAL OF BRUSH, SHRUBS AND OTHER VEGETATIVE DEBRIS INCLUDING STUMPS FROM TREES THAT HAVE ALREADY BEEN REMOVED PRIOR TO CONSTRUCTION, AND ADDITIONAL TREE TRIMMING SHALL BE SUBSIDIARY TO "SITE CLEARING".

SIDEWALK AND PAVEMENT QUANTITIES						
LOCATION	CRUSHED ROCK SURFACE (SY)	CONCRETE SIDEWALK REMOVED (SY)	CONCRETE SIDEWALK 4" (SF)	CONCRETE SIDEWALK REMOVED & REPLACED (**) (SF)	CONCRETE C&G REMOVED & REPLACED (**) (LF)	AC PAVEMENT REMOVED & REPLACED (**) (LF)
PIPELINE CROSSING	400					
BRIDGE, SOUTH APPROACH		32	289			
BRIDGE, NORTH APPROACH		48	436			
N. MAIZE RD.				170	36	36
N. COVINGTON ST.					30	
PATH CROSSINGS (WEST OF BRIDGE)				330		

** QUANTITIES ARE "AS NEEDED" TO REPAIR DAMAGE TO EXISTING HARD SURFACES.

EARTHWORK QUANTITIES		
LOCATION / ITEM	QUANTITY	UNIT
PIPELINE CROSSING		
EXCAVATION (CONTR. FURNISHED)	673	CY
FILL, 90% COMPACTION	572	CY
SIDEWALK / APPROACH		
EXCAVATION	15	CY
EXCAVATION (CONTRACTOR FURNISHED)	107	CY
FILL, 90% COMPACTION	104	CY

EROSION CONTROL QUANTITIES		
ITEM	QUANTITY	UNIT
RIPRAP, LIGHT STONE	43	SY
BMP, BIODEGRADABLE LOG	275	LF
BMP, SILT FENCE	220	LF
SEEDING (FOR INFORMATION ONLY)	637	SY

RECAPITULATION OF QUANTITIES		
BID ITEM DESCRIPTION	QUANTITY	UNIT
LUMP SUM BID ITEMS		
MOBILIZATION	1	LS
CONTRACTOR CONSTRUCTION STAKING	1	LS
REMOVAL OF EXISTING STRUCTURES	1	LS
SITE CLEARING	1	LS
SITE RESTORATION	1	LS
SEEDING	1	LS
TRAFFIC CONTROL	1	LS
EXCAVATION (CONTRACTOR FURNISHED)	780	CY
FILL, COMPACTED (90%)	676	CY
CRUSHED ROCK SURFACE	400	SY
MEASURED QUANTITY BID ITEMS		
CONCRETE SIDEWALK REMOVED	80	SY
CONCRETE SIDEWALK 4"	725	SF
CONCRETE (GRADE 4.0)	44	CY
CONCRETE (GRADE 4.0) (AE)	7	CY
REINFORCING STEEL (GR. 60)	3500	Lbs.
BRIDGE, INSTALLED	1	EA
CONCRETE SIDEWALK REMOVED & REPLACED	500	SF
CONCRETE C & G REMOVED & REPLACED	66	LF
AC PAVEMENT REMOVED & REPLACED	36	LF
RIPRAP, LIGHT STONE	43	SY
BMP, CONSTRUCTION ENTRANCE	2	EA
BMP, BIODEGRADABLE LOG	665	LF
BMP, SILT FENCE	220	LF
TREE REMOVAL, LARGE	8	EA
TREE REMOVAL, SMALL	2	EA



IMPROVEMENT PLANS FOR
SWANSON PARK BRIDGE REPLACEMENT
WICHITA, KS

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GENERAL NOTES & QUANTITIES

PROJECT NO.	1901010483	
DATE	03/21/2022	
SCALE	NO SCALE	
DESIGNED	DRAWN	CHECKED
SLF	SLF	JRA
0	ISSUED FOR CONSTRUCTION	3/21/22
NO.	REVISION	DATE

SHEET NO.

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