GENERAL PROJECT NOTES:

1. CONTRACTOR SHALL CALL KANSAS ONE-CALL 48 HOURS PRIOR TO BEGINNING ANY WORK ON-SITE AT 316-687-2470 OR 1-800-DIG-SAFE.

2. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES ARE FROM FILES FROM RECORD INFORMATION. THEREFORE, THE RELATIONSHIP BETWEEN PROPOSED WORK AND EXISTING FACILITIES MUST BE CONSIDERED AS APPROXIMATE AND SUBJECT TO CHANGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF EXISTING FACILITIES, STRUCTURES AND UTILITIES AND ANY NOT SHOWN. NOTIFY THE PROJECT ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND VERIFY CONDITIONS PRIOR TO COMMENCING WORK.

3. CONTRACTOR TO CONTACT LOCAL UTILITY COMPANIES PRIOR TO THE BEGINNING OF ANY WORK TO COORDINATE THE LOCATION OF EXISTING UTILITIES AND THE POSSIBLE RELOCATION/ADJUSTMENT OF EXISTING UTILITIES. UTILITIES INCLUDE, BUT ARE NOT LIMITED TO:

PEOPLES NATURAL GAS COMPANY	942-7600
KANSAS GAS SERVICE	383-8600
AQUILA ENERGY	1-800-303-0357
WESTAR ELECTRIC	383-8650
AT&T LEGACY FIBER OPTIC	(281) 826-3678
SOUTHWESTERN BELL	1-800-571-2611
COX COMMUNICATIONS	262-4270
WICHITA WATER & SEWER	268-4908
WICHITA ENGINEERING DEPT.	268-4501
MABCD	268-4461
WICHITA PARKS DEPARTMENT	268-4361
WICHITA PUBLIC WORKS DEPT.	268-4422
WICHITA ENVIRONMENTAL SERVICES	268-8351

4. THE CONTRACTOR IS TO PROVIDE ALL SAFETY BARRIERS, FENCING, AND SIGNAGE AROUND THE CONSTRUCTION SITE AS REQUIRED BY LOCAL REGULATIONS. CONSTRUCTION ACTIVITY MUST BE CONTAINED WITHIN THE INDICATED AND ESTABLISHED LIMITS OF CONSTRUCTION BOUNDARY.

5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK ON SITE. THIS INCLUDES BUT IS NOT LIMITED TO COORDINATION BETWEEN BRIDGE STRUCTURE REPAIRS, LIGHTING, GUARDRAILS, PRECAST PANELS AND BIRD CONTROL.

6. THE CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ANY ADJACENT (OFF-SITE) PROPERTY DISTURBED BY CONSTRUCTION OPERATIONS, AND SHALL BE RESPONSIBLE FOR ALL DAMAGES AND ASSOCIATED COSTS AT NO EXPENSE TO THE OWNER.

7. TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND CITY REQUIREMENTS. AT ALL TIMES, TRAFFIC CONTROL AND CONSTRUCTION PROCEDURES SHALL BE PERFORMED IN SUCH WAYS AS TO PROTECT PERSONS AND PROPERTY. PROJECT SAFETY AND SECURITY SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ALL TRAFFIC CONTROL MEASURES SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD (MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES).

8. THE CONTRACTOR SHALL INSTALL SIGNAGE AND BARRIERS AS NECESSARY TO NOTIFY THE PUBLIC OF THE CLOSURE OF THE EXISTING SIDEWALK. A PATH OF TRAVEL MUST BE MAINTAINED ON ONE SIDE OF THE BRIDGE THROUGHOUT CONSTRUCTION. BID NO MESSAGE BOARDS WITH THE PROJECT.

9. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH LOCAL CODE REQUIREMENTS REGARDING UTILITY CROSSINGS AND CLEARANCES. NOTIFY THE OWNER OF ANY DISCREPANCIES OR CONFLICTS IMMEDIATELY.

10. SUBSTITUTION REQUESTS MUST BE MADE IN WRITING DURING THE BIDDING PROCESS FOR APPROVAL TO THE OWNER. APPROVAL OF SUBSTITUTION REQUESTS SHALL BE GIVEN IN WRITING AS AN ADDENDUM TO THE BID DOCUMENTS. SUBMIT ALL PERTINENT PRODUCT DATA WITH THE SUBSTITUTION REQUEST ALONG WITH AN EXPLANATION OF TIME AND/OR COST SAVINGS TO THE PROJECT. SUBMIT SUBSTITUTION REQUESTS NO LATER THAN FIVE DAYS PRIOR TO PROJECT BID DATE.

11. THE CONTRACTOR SHALL SUBMIT ALL REQUIRED SHOP DRAWINGS AND DATA FOR REVIEW AND APPROVAL BY THE PROJECT ENGINEER SIX WEEKS PRIOR TO SCHEDULED PURCHASE, INSTALLATION OR CONSTRUCTION OF THOSE ITEMS.

12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSPECTIONS AND TESTING FOR THIS PROJECT. COORDINATE INSPECTIONS AND TESTING REQUIREMENTS AND SCHEDULING WITH THE PROJECT ENGINEER. INSPECTION REPORTS, TESTING REPORTS AND INSPECTION REPORTS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE AND THE OWNER (CITY OF WICHITA).

13. THIS PROJECT IS SUBJECT TO ALL CITY OF WICHITA STANDARD SPECIFICATIONS AS WELL AS THE PROJECT SPECIFICATIONS PARTICULAR TO THIS PROJECT. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER FOR RESOLUTION, BUT, GENERALLY, THE MORE STRINGENT AND MORE COSTLY WILL APPLY.

14. THE CONTRACTOR IS EXPECTED TO FOLLOW ALL OSHA AND ANY OTHER PERTINENT WORKER SAFETY GUIDELINES TO ENSURE WORKER SAFETY ON THE PROJECT SITE.

15. ALL BID QUANTITIES ARE BASED ON PLAN-VIEW DISTANCE AND AREAS AND HAVE BEEN INCLUDED FOR INFORMATION PURPOSES. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES BASED UPON ACTUAL FIELD CONDITIONS AND PROPOSED WORK. THE CITY OF WICHITA SHALL OVERSEE FINAL PROJECTS QUANTITIES.

16. ALL WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS

17. ORDER OF PRECEDENCE FOR INFORMATION AND INSTRUCTION: ADDENDA, PLANS, SPECIFICATIONS AND THEN NOTES, EXCEPT IF THERE IS A DISCREPANCY. IN CASES OF DISCREPANCY, THE HIGHER QUALITY OR MORE COSTLY SOLUTION SHALL APPLY FOR BIDDING PURPOSES. OBTAIN FINAL DETERMINATION FROM THE PROJECT ENGINEER PRIOR TO COMMENCING WITH CONSTRUCTION OR PURCHASE. THIS APPLIES TO MAINTENANCE AND WARRANTIES IN ADDITION TO CONSTRUCTION ITEMS.

18. THE CONTRACTOR SHALL VERIFY ALL EXISTING GRADES AT POINTS OF TIE-IN WITH PROPOSED IMPROVEMENTS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES WITH THE GRADING PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION.

19. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL GRADED AREAS ON THE PROJECT HAVE POSITIVE DRAINAGE AND NO PONDING OR PUDDLING OCCURS. DEPRESSIONS MUST BE GRADED TO DRAIN AS INDICATED ON THE GRADING PLANS.

20. THE CONTRACTOR IS RESPONSIBLE FOR FOR GRADING SLOPES AS INDICATED ON THE PLANS. THIS INCLUDES GRADING SLOPES AT THE GIVEN GRADES AND GRADIENTS. NO SLOPES SHALL EXCEED THE MAXIMUM ALLOWABLE BY THE ADA GUIDELINES. NO LONGITUDINAL SLOPE SHALL EXCEED 4.9% AND NO CROSS SLOPE SHALL EXCEED 1.9%.

21. PAVEMENT EXPANSION JOINTS SHALL BE PLACED AT LOCATIONS WHERE PAVING MATERIALS CHANGE AND AS INDICATED ON THE PLANS. PROVIDE EXPANSION JOINTS AS INDICATED BUT AT NO GREATER THAN 80 FEET ON CENTER.

22. CONTROL JOINTS SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS. GENERALLY, CONTROL JOINTS SHALL NOT BE LOCATED MORE THAN TEN (10) FEET ON CENTER UNLESS OTHERWISE SHOWN.

23. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING WESTAR TO COORDINATE THE REMOVAL OF THE EXISTING LIGHT POLE AT THE NORTH EAST WALK.

24. CONTACT GREAT PLAINS TRANSPORTATION MUSEUM TO COORDINATE ACCESS TO. REMOVE AND REPLACE THE EXISTING GUARDRAIL AND FENCE ALONG EAST FASCIA BEAM. GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY FENCING TO PROTECT THE PUBLIC DURING CONSTRUCTION.

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    WICHITA, KS 67202
    TEL. 316.648.8407
    JOHN DECK

25. FLAGPOLES TO BE REMOVED ON EAST FASCIA BEAM SHALL BE SALVAGED TO THE CITY OF WICHITA.

26. EXISTING METAL DECORATIVE GUARDRAILS TO BE REMOVED SHALL BE SALVAGED TO THE CITY OF WICHITA.

27. PRODUCTS: THE PROJECT HAS BEEN DESIGNED WITH SPECIFIC PRODUCTS. EQUIVALENT PRODUCTS MAY BE UTILIZED IF APPROVED BY THE ARCHITECT / ENGINEER. ALTERNATIVE PRODUCT INFORMATION AND DATA MUST BE SUBMITTED DURING BIDDING OF THE PROJECT OF REVIEW / APPROVAL. IF APPROVED, THE ALTERNATIVE PRODUCT WILL BE SENT OUT TO ALL BIDDERS IN AN ADDENDUM. NO ALTERNATIVE PRODUCTS WILL BE ALLOWED AFTER THE PROJECT IS AWARDED.

28. BRIDGE CLEANING: THE CONTRACTOR SHALL POWER-WASH THE ENTIRE BRIDGE STRUCTURE BELOW THE RAILROAD TRACKS. REMOVE DIRT, LOOSE PAINT, BIRD NESTS, BIRD DROPPINGS, ETC. ONCE CLEAN HAS BEEN COMPLETED, CONTACT THE CITY INSPECTOR TO REVIEW COMPLETED CLEANING.

PROJECT DESCRIPTION:

THE PROJECT GENERALLY CONSISTS OF STRUCTURAL REPAIRS TO THE EXISTING BRIDGE STRUCTURE, REMOVE & REPLACEMENT OF PEDESTRIAN GUARDRAILS SYSTEMS, RELIGHTING OF THE PEDESTRIAN WALKWAYS, CUSTOM LIGHT TOWERS AT THE EAST AND WEST FACES, CLEANING, PAINTING AND BIRD DETERRENT INSTALLATION.

THE CITY OF WICHITA EXPECTS THE CONTRACTOR TO COMPLETE THE FOLLOWING ITEMS PRIOR TO MARCH 9, 2018.

- BRIDGE CLEANING
- BIRD TRAPPING
- INSTALLATION OF TEMPORARY LIGHTING

SUMMARY OF QUANTITIES

#	Bid Item Description	Quantities	UM
	Lump sum Bid Items-Paving		
1	Mobilization	1	LS
2	Field Office and Lab (Type A)	1	LS
3	Traffic Control	1	LS
4	Transportation of Salvageable Material	1	LS
	Measured Quantities Bid Items - Paving		
5	Barrier Removal (Concrete)	196	LF
6	Barrier Removal (Metal)	71	LF
7	Pipe Railing Removal	124	LF
8	Flagpole & Bracket Removal	2	EA
9	Concrete Curb Removal	11	LF
10	Concrete Paving - 4in	45	SF
11	Concrete Banding Removal - 12in	58	LF
12	Concrete Curb	5	LF
13	Plaing Concrete Paving 4in	45	SF
14	Concrete Banding 12in Wide	58	SF
15	Reinforced Concrete Pad 6in	534	SF
	Lump Sum Bid Items - Structural		
16	Concrete Removal (Barrier Wall)	1	LS
	Measured Quantities Bid Items -Structural		
17	Concrete Beam Replacement	117	LF
18	Pier Diaphragm Replacement	1	EA
19	Anchor Bolt Replacement	23	EA
20	Girder End Repair	10	EA
21	Concrete Column Repair	5	EA
22	Concrete Grade 4.0 (Barrier Rail)	34	CY
23	Reinforcing Steel (Gr. 60)(Barrier Rail)	1,269	LBS
24	Concrete Surface Repair	750	SF
	Lump Sum Bid Items - Painting		
25	Steel Pier Painting	1	LS
26	Structural Cleaning (Power Washing)	1	LS
	Measured Quantiteis Bid Items - Painting		
27	Concrete Painting	1,250	SY
28	Steel Girder Painting	20	SF
	Measured Quantities Bid Items - Specialty		
29	Guardrail Type I	132	LF
30	Guardrail Type II	174	LF
31	Guardrail Type III	101	LF
32	Guardrail Type IV	29	LF
33	Light Columns (LO1)	8	EA
	Lump Sum Bid Items - Bird Deterrent		
34	Bird Trapping	1	LS
35	Olfactory Bird Repellent	1	LS
	Measured Quantities Bid Items - Bird Deterrent		
36	Bird Netting	16,700	SF
37	Bird Wire	1,700	LF
	Measured Quantities Bid Items - Electrical		
38	LO2 LED Cylinder Wall Wash	12	EA
39	LO3 LED Cylinder Wall Wash	66	EA
40	LO3 LED Cylinder Wall Wash (Not Installed)	9	EA
41	Temporary Lighting	66	EA
42	LO4 Tapelight	96	LF
43	LO4 Channel (Extrusion, Insert, Standard Lens)	96	LF
44	LO4 Drivers	6	EA
45	Wiring Through For LO4 Drivers	6	EA
46	Lighting Dimmers in Weatherproof Enclosure	2	EA
47	Junction Box (Standard)	89	EA
48	Junction Box (Large)	1	EA
49	#10 THWN/THHN Copper Wire	3,750	LF
50	#8 THWN/THHN Copper Wire	1,100	LF
51	#6 THWN/THHN Copper Wire	1,830	LF
52	1-1/2in Ridgid Galvanized Steel Conduit	30	LF
53	1-1/4in Ridgid Galvanized Steel Conduit	60	LF
54	1in Ridgid Galvanized Steel Conduit	170	LF
55	3/4in Ridgid Galvanized Steel Conduit	1,340	LF

PRINTS ISSUED

DATE	PURPOSE	NO.
09.13.17	FOR CONSTRUCTION	

DOUGLAS AVE.-BNSF
RAILROAD UNDERPASS
IMPROVEMENTS
WICHITA, KS

LK Architecture
Architecture • Engineering • Planning • Interior Design • Landscape Architecture

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CONTACT: JEFFREY A. BEST, PLA

PROJECT NUMBER:
17145

SHEET TITLE:
GENERAL NOTES & QUANTITIES

SHEET NUMBER:
1