Board of Riley County Commissioners
Regular Meeting
Agenda
April 14, 2022

115 North 4th Street
Manhattan, KS 66502
www.rileycountyks.gov

Cindy Kabriel
785-565-6200

Commission Chambers **8:30 AM**

District 2 – Greg McKinley, Chair District 3 – Kathryn Focke, Vice Chair District 1 – John Ford, Member

8:30 AM **Call to Order**

Pledge of Allegiance

Public Comment

1. Public Comments

Commission Comments

2. Commission Comments

Business Meeting

3. Proposed Consent to Easement Structures
4. Bid Recommendation - 2022 Asphalt Seal Oil
5. Bid Recommendation - 2022 Crushed Limestone Chips
6. Sign Riley County Personnel Action Form(s)
7. Discuss Joint City/County/County Meeting Agenda
8. Intergovernmental Luncheon Agenda

Review Minutes

9. Board of Riley County Commissioners - Regular Meeting - Apr 11, 2022 8:30 AM

Review Tentative Agenda

10. Tentative Agenda

Press Conference Topics

11. Discuss Press Conference

9:00 AM **Clancy Holeman, Counselor/Director of Administrative Services**

12. Administrative Work Session

9:20 AM **Rich Vargo, Clerk**

13. Request to fill open position-Clerk Administrative Analyst-Levy

9:30 AM **Shilo Heger, Treasurer**

14. March 2022 Revenue Reporting - Riley County Treasurer

9:45 AM **Jason Smith, Manhattan Area Chamber of Commerce**

15. Economic development update

10:00 AM **Julie Gibbs, Health Department Director**

16. RCHD and BOCC Agreement with OPEI Services

10:15 AM **Kaylyn Speth, WIC Supervisor**

17. Riley County Health Department Women, Infants and Children Program Updates

10:40 AM **Budget and Planning Committee - Budget and Finance Officer**

18. Monthly Cash Flow Reports for March 2022

11:00 AM **Executive session to discuss a performance matter involving non-elected personnel**

12:00 PM **Executive session to discuss a performance matter involving non-elected personnel**

Adjournment

In order to comply with provisions of the Americans with Disabilities Act (ADA), Riley County will make reasonable efforts to accommodate the needs of persons with disabilities. Please contact the Division of Human Resources at (785) 537-6303 (voice and TTY) for assistance.

Outside Agency
110 Courthouse Plaza
Manhattan, KS 66502
Phone: 785-565-6200

OUTSIDE AGENCY
Easement

COMMISSION AGENDA REPORT

FROM: **Cindy Kabriel, Administrative Assistant II**

MEETING: **April 14, 2022**

SUBJECT: **Proposed Consent to Easement Structures**

PRESENTER: **Business Meeting**

POSSIBLE MOTION(S)

Move to approve the Consent to Easement Structures with Department of Army Corps of Engineers Kansas City District for bridge and road improvements along a portion of Fancy Creek Road.

Move to deny

Move to modify

Move to table

No action required.

The Board agreed by consensus to

Enclosures:
- 04-04-22 consent to easement (PDF)

D EPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, KANSAS CITY DISTRICT
635 FEDERAL BLDG
601 E 12TH STREET
KANSAS CITY, MISSOURI 64106-2824

FILED
2022 APR -8 AM 11:38
COUNTY CLERK
RILEY COUNTY, KANSAS

April 4, 2022

Management & Disposal Branch

SUBJECT: Transmittal of Proposed Consent to Easement No. DACW41-3-22-0061
Tuttle Creek Lake, Kansas

Mr. John Ford
Presiding Commissioner
Riley County Commission
110 Courhouse Plaza
Manhattan, KS 66502

Dear Mr. Ford:

I am enclosing the proposed Subject Consent to Easement designed to grant you the authority for bridge and road improvements along a portion of Fancy Creek Road on Government-owned property (Tract No. K-1140E) at Tuttle Creek Lake, Kansas.

If the proposed document is satisfactory, please sign the proposed document. Please return the signed and dated document to this office within 15 days of receipt of this letter to U.S. Army Corps of Engineers, Kansas City District, P.O. Box 15339, Kansas City, Missouri 64106 or by email to NWK.RECivilMD@usace.army.mil.

After our countersignature, you will receive an executed copy for your records. If you have any questions, please do not hesitate to contact me at 816-389-3929 or by email at william.k.bolt@usace.army.mil.

Sincerely,

Matt W. Bosky
Chief, Management & Disposal Branch
Real Estate Contracting Officer

Enclosure

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS
KANSAS CITY DISTRICT

Consent to Easement No. DACW41-3-21-0140
Project: Tuttle Creek
Tract No. K-1140E

CONSENT TO EASEMENT STRUCTURES

WHEREAS, the United States has acquired a perpetual flowage easement and rights over **Tract No. K-1140E**, Riley County, Tuttle Creek Lake, Kansas from Hugo and Eugene Kunse, et al. by virtue of Civil Action No. T-2739 filed March 8, 1961, in the United States District Court for the District of Kansas, and

WHEREAS, said easement grants to the United States the right of prior approval for any structures, excavation or fill to be located within the easement area, which area is under the administrative control of the Kansas City District, Corps of Engineers; and

WHEREAS, the United States has been requested to give consent for **bridge and road improvements along a portion of Fancy Creek Road** on the above identified Tracts.

NOW THEREFORE, the United States hereby gives consent to **Riley County, 110 Courthouse Plaza, Manhattan, Kansas 66502, for bridge and road improvements along a portion of Fancy Creek Road** at the location shown on **Exhibits A-1 and A-2** attached hereto;

PROVIDED HOWEVER, that this consent is subject to the following conditions:

1. All activities conducted on the Premises shall comply with all applicable Federal, state, county and municipal laws, ordinances and regulations wherein the Premises are located.

2. The giving of this consent does not in any way subordinate the United States' prior easement rights. The United States shall in no case be liable for any damage or

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

injury to the structures herein consented to, which may be caused by any action of the United States under its easement, or that may result from the future operations undertaken by the United States, and no claim or right to compensation shall accrue from such exercise of the United States' easement rights.

3. The United States shall not be responsible for damages to property or injuries to persons which may arise from or be incident to the exercise of the consented activity.

4. This instrument is effective only insofar as the rights of the United States in the Premises are concerned; and the Consentee shall obtain such permission as may be required on account of any other existing rights. It is understood that this consent does not eliminate the necessity for obtaining any Department of the Army permit which may be required pursuant to the provisions of Section 10 of the Rivers and Harbors Act of 3 March 1899 (30 Stat. 1151; 33 U.S.C. Section 403), Section 404 of the Clean Water Act (33 U.S.C. Section 1344) or any other permit or license which may be required by Federal, state, interstate or local laws in connection with use of the Premises.

5. If any cultural and/or human remains are inadvertently uncovered during construction, the work is to be halted until appropriate project and district personnel are notified and the remains are evaluated for NRHP significance.

IN WITNESS WHEROF, I have hereunto set my hand by authority of the Secretary of the Army, this_____day of_____, 2022.

_____
Matt W. Bosky
Chief, Management & Disposal Branch
Real Estate Contracting Officer

This Consent is also executed by the Consentee this_____day of_____, 2022.

Riley County

_____
Signature

_____
Printed Name

_____
Title

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

CERTIFICATE OF AUTHORITY

I_____(name) certify that I am the _____(title) of_____**Riley County,** that _____(signator of outgrant) who signed the foregoing instrument on behalf of the corporation was then_____(title of signator of outgrant) of the corporation. I further certify that the said officer was acting within the scope of powers delegated to this officer by the governing body of the grantee in executing said instrument.

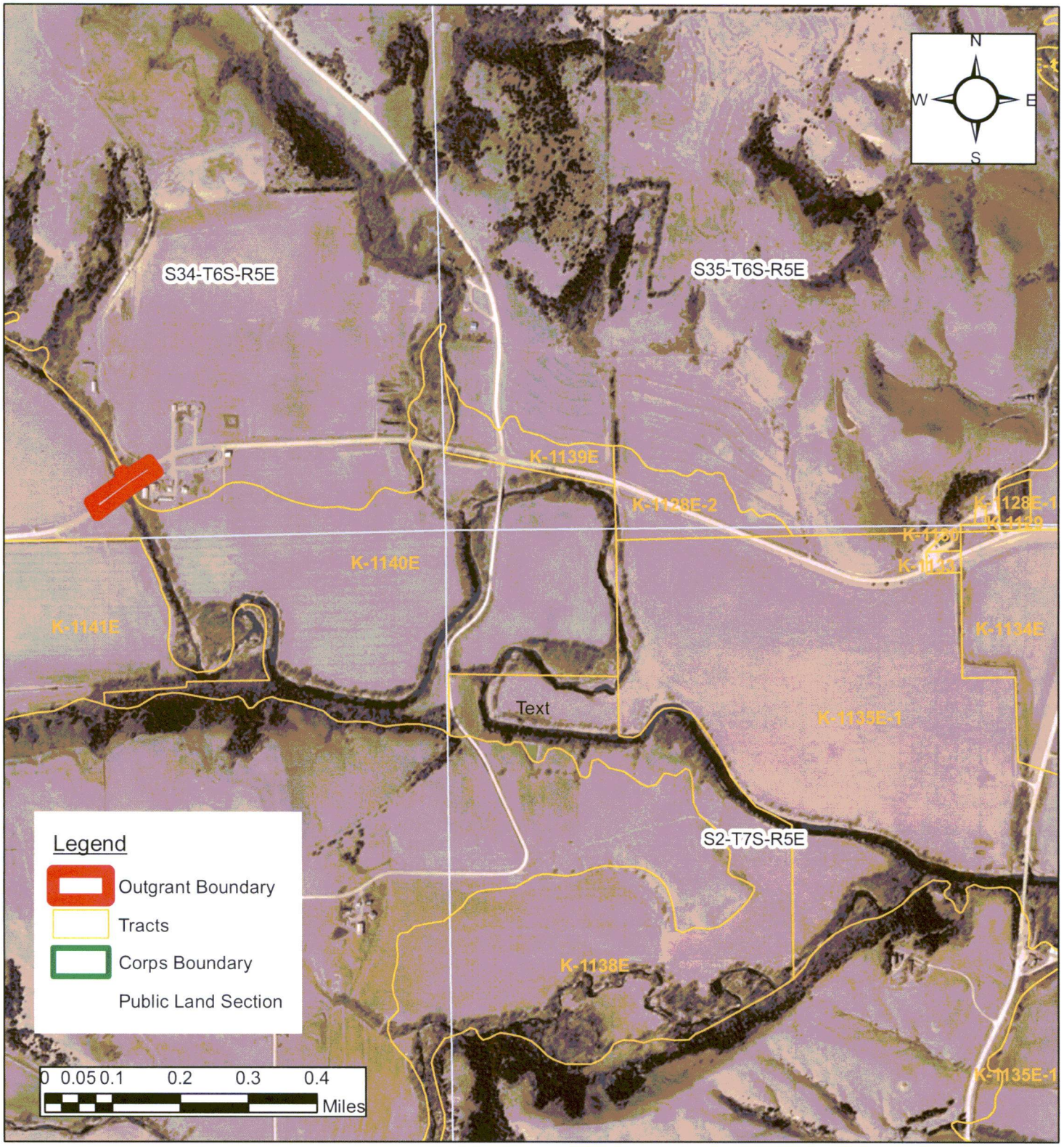
Riley County

_____ Date

_____ Clerk or Appropriate Official

AFFIX SEAL

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

US Army Corps of Engineers ®
Kansas City District

TUTTLE CREEK LAKE
RILEY COUNTY, KANSAS
DACW41-3-21-0140
GRANTEE: RILEY CO. KANSAS
TRACT NOs: K-1140E, SEC 3, T6S, R5E (1.41 ac)
and SEC 2, T7S, R5E (1.47 ac)

Exhibit A-1

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	1	53

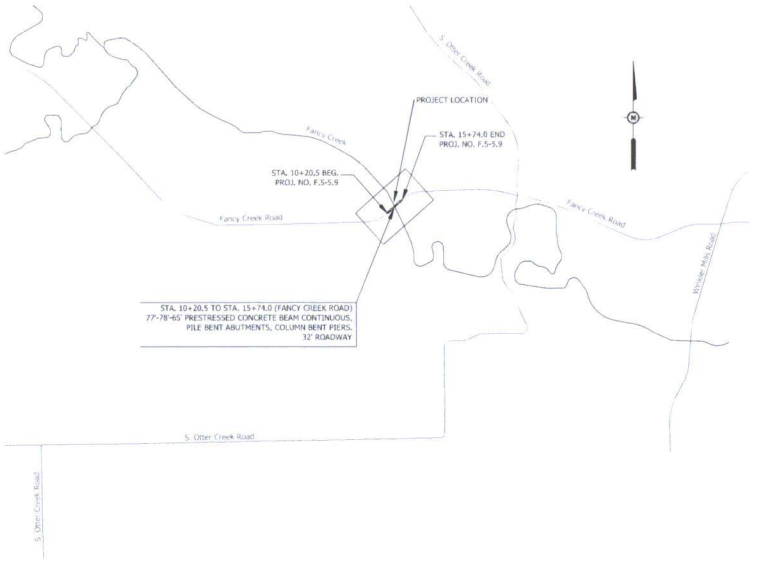
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK
RILEY COUNTY, KANSAS

PROJECT NO. F.5-5.9
GRADING
BRIDGE
ASPHALT SURFACING
SEEDING

DATE	BY
	SURVEY
	CADD TECHNICIAN
	DESIGNERS
	SQUAD
	TRACY ASH
	TODD KEMPKER & NATHAN BERGMAN

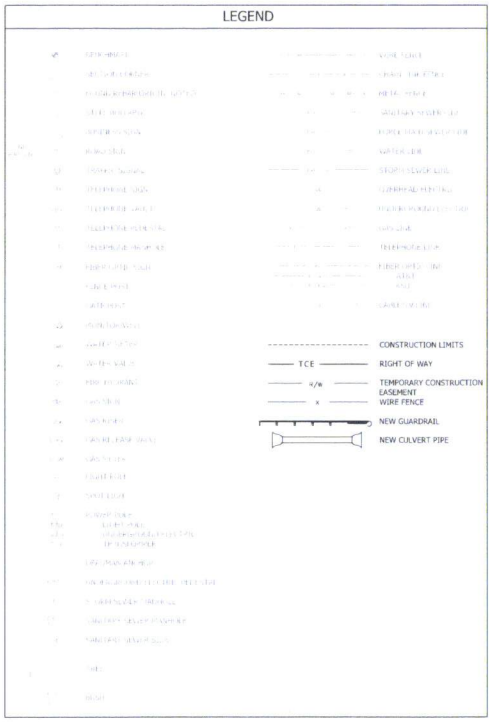
INDEX OF SHEETS

SH. NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES & QUANTITIES
3	PROJECT CONTROL
4	TYPICAL SECTIONS
5	FANCY CREEK ROAD PLAN & PROFILES
6	DRIVEWAY PLAN & PROFILES
7	GUARDRAIL PLAN
8-16	KDOT ROAD DETAILS
17-36	BRIDGE PLANS & DETAILS
37-43	EROSION CONTROL PLAN & DETAILS
44-50	TRAFFIC CONTROL & DETAILS
51-53	FANCY CREEK CROSS SECTIONS



VICINITY MAP
NOT TO SCALE

LEGEND



DESIGN DESIGNATION

AADT (2015)	= 100
AADT (2035)	= 150
DHV	= 11%
D	= 60%
T	= 4%
V	= 40 mph
CLEAR ZONE	= 24 ft.

GROSS LENGTH OF PROJECT	568.5 ft.	
EXCEPTIONS	0	
ADDITIONS	0	
NET LENGTH OF PROJECT	568.5 ft.	0.108 Miles
NET LENGTH OF BRIDGES	222.5 ft.	0.042 Miles
NET LENGTH OF ROAD	346.0 ft.	0.066 Miles

RECOM. FOR APPROVAL- DATE

RILEY COUNTY
COUNTY ENGINEER

NOTE:
FANCY CREEK ROAD TO BE CLOSED DURING CONSTRUCTION
PROPERTY ACCESS TO BE MAINTAINED AT ALL TIMES.

Bartlett&West
www.bartlettwest.com

DATE: OCT 2018
W.O. 18900.003
1 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	2	53

Item No.	Description	Quantities	Unit
1	CONTRACTOR CONSTRUCTION STAKING	1	LS
2	MOBILIZATION	1	LS
3	AGGREGATE BASE (AB-3) (6")	466	SQYD
4	EMBANKMENT (CONTRACTOR FURNISHED)	533	CUYD
5	COMMON EXCAVATION (RURAL SMALL)	1,157	CUYD
6	AGGREGATE SURFACING FOR SHOULDERS (AS-1) (6")	466	SQYD
7	GUARDRAIL END TERMINAL (SRT) AS #1 (FLEAT) AS #2	4	EACH
8	GUARDRAIL STEEL PLATE	150	LNFT
9	CONCRETE PAVEMENT (9") (REFORM) (AE) (BR APP)	95	SQYD
10	ENTRANCE PIPE (24" CMP)	32	LNFT
11	END SECTION (24")	2	EACH
12	CLEARING AND GRUBBING	1	LS
13	HMA COMMERCIAL GRADE (CLASS A)	193	TON
14	SLOPE PROTECTION (AGGREGATE) (6")	13	TON
15	SLOPE PROTECTION (RIPRAP STONE) (24")	907.9	TON
16	CAST STEEL PILE POINTS	12	EACH
17	ABUTMENT AGGREGATE DRAIN	72	CUYD
18	BRIDGE BACKWALL PROTECTION SYSTEM	96	SQYD
19	CLASS I EXCAVATION	212	CUYD
20	CONCRETE (GRADE 4.0) (AE)	136	CUYD
21	CONCRETE (GRADE 4.0) (AE) (SA)	104	CUYD
22	CORE HOLE (INVESTIGATIVE)	31	LNFT
23	DRILLED SHAFT (48") (CASED)	82	LNFT
24	PILES (STEEL) (HP12X53)	290	LNFT
25	PRE-DRILLED PILE HOLES	90	LNFT
26	PRESTRESSED CONCRETE BEAM (NU35)	874	LNFT
27	REINFORCING STEEL (GRADE 60)	15,146	LBS
28	REINFORCING STEEL (GRADE 60) (EPOXY COATED)	80,570	LBS
29	REMOVAL OF EXISTING STRUCTURES	1	LS
30	SONIC TEST (DRILLED SHAFT) (SET PRICE)	4	EACH
31	CONSTRUCTION SIGNAGE/TRAFFIC CONTROL	1	LS
32	FIELD OFFICE AND LABORATORY (TYPE C)	1	EACH
33	ROCK EXCAVATION (PAVEMENT REMOVAL)	40	CUYD
34	TEMPORARY SEED	1	LS
35	PERMANENT SEED	1	LS
36	TEMPORARY DITCH CHECK	101	LNFT
37	SILT FENCE	434	LNFT

GENERAL NOTES

THE GEOLOGICAL INFORMATION SHOWN ON THESE PLANS IS FROM STUDIES MADE IN THE FIELD AND REPRESENTS THE BEST INFORMATION AVAILABLE TO RILEY COUNTY.

ALL TREES, HEDGE ROWS, SHELTERBELTS AND WOODY SHRUBS NOT SHOWN TO BE REMOVED AND LOCATED BETWEEN THE CONSTRUCTION LIMITS AND THE RIGHT-OF-WAY LINE OR EASEMENT LINE SHALL BE SPARED UNLESS DIRECTED BY THE ENGINEER TO BE REMOVED. ALL TREES WITHIN THE APPROPRIATE CLEAR ZONE SHALL BE REMOVED.

THE UTILITIES AS SHOWN ON THIS DRAWING WERE DEVELOPED FROM THE INFORMATION AVAILABLE. THIS IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF UTILITIES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE.

EXISTING GUARDRAIL TO BECOME THE PROPERTY OF THE COUNTY. CONTRACTOR SHALL REMOVE IN A SALVAGEABLE CONDITION & STOCK PILE IN RIGHT OF WAY FOR REMOVAL BY COUNTY PERSONAL.

THE EXISTING BRIDGE WILL BECOME THE PROPERTY OF THE CONTRACTOR. ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY FOR THE REMOVAL OF THE EXISTING BRIDGE WILL BE INCLUDED IN THE BID ITEM, "REMOVAL OF EXISTING STRUCTURES".

BORROW SITE SHALL BE APPROVED BY THE COUNTY PRIOR TO CONSTRUCTION. NECESSARY PERMITS MUST BE OBTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE. CONTRACTOR MUST OBTAIN RILEY COUNTY BORROW PERMIT FROM COUNTY PLANNING & DEVELOPMENT DEPARTMENT.

TEMPORARY PAVEMENT MARKING IS TO BE INSTALLED AND SHALL BE SUBSIDIARY TO OTHER BID ITEMS.

PERMANENT PAVEMENT MARKING WILL BE INSTALLED BY THE COUNTY AT A LATER DATE.

ANY WATER NECESSARY FOR CONSTRUCTION IS SUBSIDIARY TO OTHER BID ITEMS.

AGGREGATE ENTRANCES SHALL BE PAID FOR UNDER THE BID ITEM "AGGREGATE SURFACING FOR SHOULDERS (AS-1) (6")".

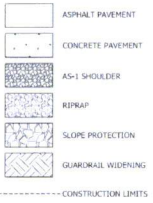
UTILITIES

1. KANSAS ONE-CALL 1-800-344-7233

2. BLUESTEM ELECTRIC
   524 DEXTER STREET
   CLAY CENTER, KS 67432
   785-632-3111
   JEROD CHAFFEE
   CELL: 785-632-1031
   jerodc@bluestemelectric.com

3. TWIN VALLEY TELEPHONE
   22 W SPRUCE
   MILTONVALE, KS 67446
   785-427-2211

PAVEMENT LEGEND



NO.	DATE	REVISION	BY	APP'D

GENERAL NOTES, PAVEMENT LEGEND, & UTILITIES WITH QUANTITY RECAP

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
www.bartlettwest.com

DATE OCT 2018
W.O. 18900.003
2 OF 53

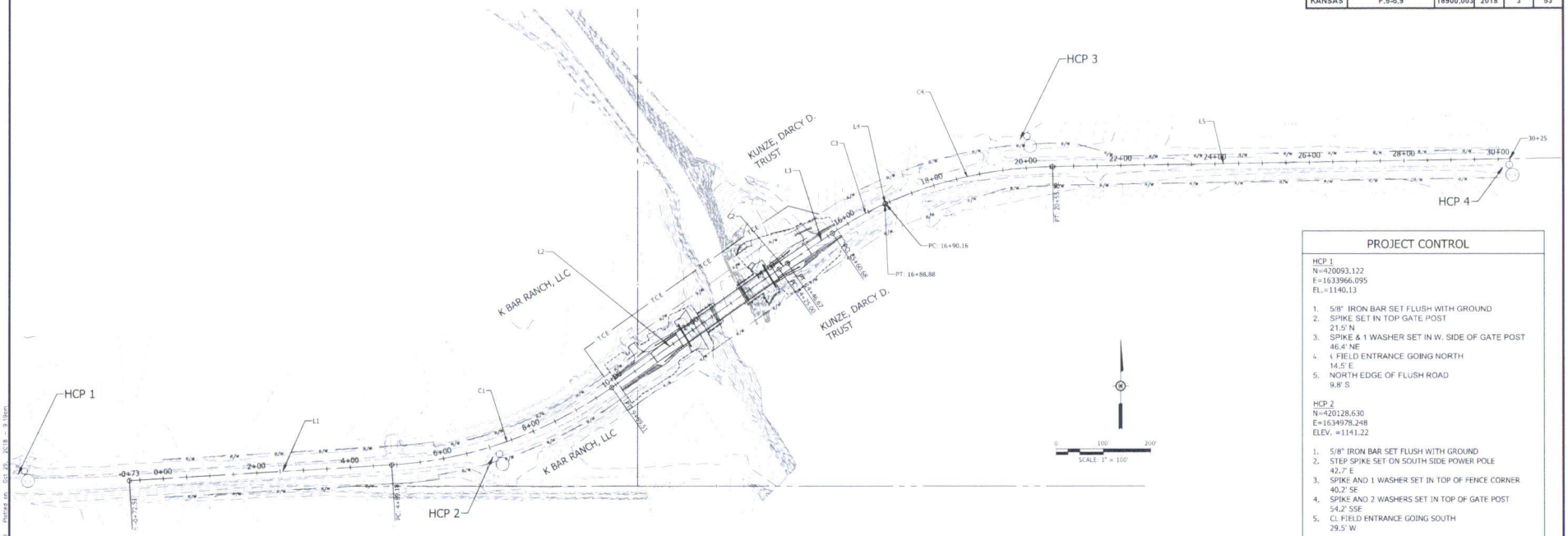
Exhibit A-2

Drawing name: c:\projects\bartlett\fancy\18900.003\plan\sheets\18900.003_sheetset.dwg Layout name: General Notes Plotted by: MARKBIS Plotted on: Oct 25, 2018 - 3:16pm

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F-5-5.9	18900.003	2018	3	53



FANCY CREEK ROAD

NUMBER	LENGTH	RADIUS	LINE / CHORD DIRECTION	START STATION	START SEGMENT	END STATION	END SEGMENT	RADIUS POINT
L1	561.70'		86°35'06.22"	-0+72.51	N 420079.6074, E1634203.4399	4+89.18	N 420113.0658, E 1634764.1397	
C1	500.32'	900.00'	70°39'33.31"	4+89.18	N 420113.0658, E 1634764.1397	9+89.51	N 420276.6405, E 1635230.1728	N 421011.4677, E 1634710.5297
L2	435.49'		54°44'00.39"	9+89.51	N 420276.6405, E1635230.1728	14+25.00	N 420528.0855, E 1635585.7411	
C2	21.67'	1000.00'	55°21'15.29"	14+25.00	N 420528.0855, E 1635585.7411	14+46.67	N 420540.4048, E 1635603.5685	N 419711.6108, E 1636163.1223
L3	114.01'		55°58'30.19"	14+46.67	N 420540.4048, E1635603.5685	15+60.68	N 420604.1994, E 1635698.0591	
C3	128.21'	750.00'	60°52'19.78"	15+60.68	N 420604.1994, E 1635698.0591	16+88.88	N 420666.5290, E 1635809.9154	N 419982.6039, E 1636117.7245
L4	1.28'		65°46'09.37"	16+88.88	N 420666.5290, E1635809.9154	16+90.16	N 420667.0537, E 1635811.0812	
C4	365.56'	900.00'	77°24'19.23"	16+90.16	N 420667.0537, E 1635811.0812	20+55.72	N 420746.2176, E 1636165.3955	N 419846.3436, E 1636180.4522
L5	969.28'		89°02'29.10"	20+55.72	N 420746.2176, E1636165.3955	30+25.00	N 420762.4333, E 1637134.5384	

PROJECT CONTROL

HCP 1
N=420093.122
E=1633966.095
EL.=1140.13

1. 5/8" IRON BAR SET FLUSH WITH GROUND
2. SPIKE SET IN TOP GATE POST 21.5' N
3. SPIKE & 1 WASHER SET IN W. SIDE OF GATE POST 46.4' NE
4. ℄ FIELD ENTRANCE GOING NORTH 14.5' E
5. NORTH EDGE OF FLUSH ROAD 9.8' S

HCP 2
N=420128.630
E=1634978.248
ELEV. =1141.22

1. 5/8" IRON BAR SET FLUSH WITH GROUND
2. STEP SPIKE SET ON SOUTH SIDE POWER POLE 42.7' E
3. SPIKE AND 1 WASHER SET IN TOP OF FENCE CORNER 40.2' SE
4. SPIKE AND 2 WASHERS SET IN TOP OF GATE POST 54.2' SSE
5. CL FIELD ENTRANCE GOING SOUTH 29.5' W

HCP 3
N=420803.968
E=1636096.949
ELEV. =1159.80

1. 5/8" IRON BAR SET FLUSH WITH GROUND
2. CENTER OF STONE MONUMENT WITH RUNZE 54.0' NNW
3. CL DRIVEWAY GOING NORTH 56.5' W
4. NORTH EDGE OF FLUSH ROAD 48.5' S

HCP 4
N=420742.129
E=1637118.638
ELEV. =1151.69

1. 5/8" IRON BAR SET FLUSH WITH GROUND
2. SPIKE & 1 WASHER SET IN TOP FENCE CORNER 18.8' S
3. SPIKE & 2 WASHERS SET IN TOP GATE POST 32.2' E
4. ℄ FIELD ENTRANCE GOING SOUTH 17.0' E

GENERAL PROJECT INFORMATION

PROJECT:	KANSAS STATE PLAN COORDINATES, NORTH ZONE, US FOOT
SCALE FACTOR:	0.99990260/1.00009741
HORIZONTAL DATUM:	NAD 83
VERTICAL DATUM:	NAVD 88
NGS DATA:	KF116
DESIGNATION:	RAND

NO.	DATE	REVISION	BY	APP'D

PROJECT CONTROL PLAN
WITH ALIGNMENT TABLE
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
www.bartlettwest.com

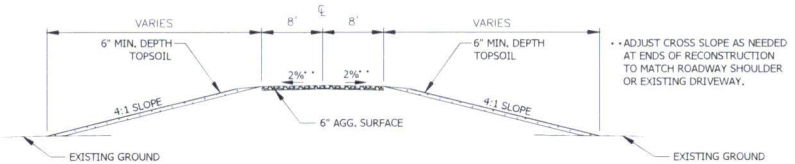
DATE: OCT 2018
W.O.: 18900.003
3 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

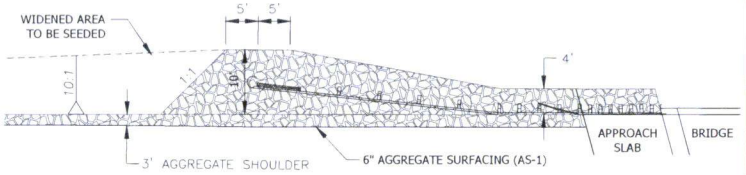
DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
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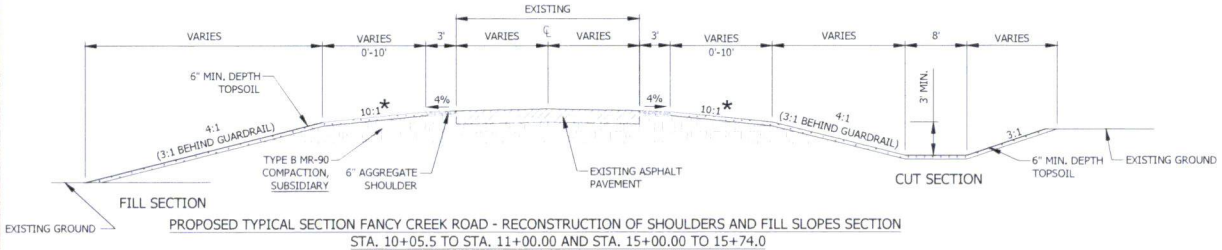


PROPOSED TYPICAL SECTION DRIVEWAY - RECONSTRUCTION SECTION

NOT TO SCALE



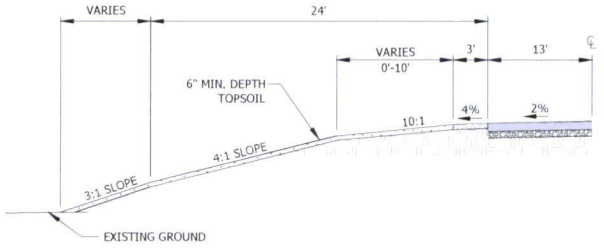
TYPICAL AGGREGATE SHOULDER LIMITS



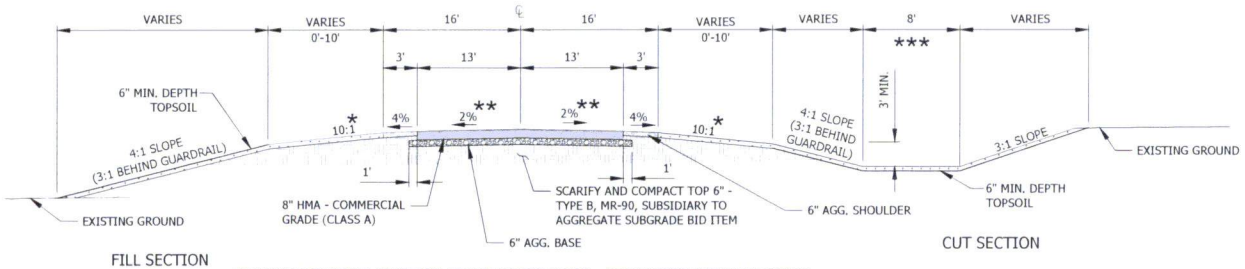
PROPOSED TYPICAL SECTION FANCY CREEK ROAD - RECONSTRUCTION OF SHOULDERS AND FILL SLOPES SECTION

STA. 10+05.5 TO STA. 11+00.00 AND STA. 15+00.00 TO 15+74.0

NOT TO SCALE



FILL SLOPE FOR HIGH FILL AREAS



PROPOSED TYPICAL SECTION FANCY CREEK ROAD - RECONSTRUCTION SECTION

STA. 11+00.00 TO STA. 11+65.57 AND STA. 14+14.17 TO STA. 15+00.00

NOT TO SCALE

* 6" AGG. SHOULDER OR 6" TOPSOIL. SEE DETAIL THIS SHEET.

** TRANSITION TO MATCH EXISTING CROSS SLOPE AT ENDS OF FULL DEPTH RECONSTRUCTION. TRANSITION TO 1.6% AT BRIDGE ENDS.

*** STA. 13+75 TO 15+75 RT. DITCH WIDTH IS 4' WIDE

NOTE: DITCH SECTION ONLY PRESENT IN SOME LOCATIONS. SEE CROSS SECTIONS FOR DETAILS ON SLOPES AND LOCATIONS. SEE CROSS SECTION FOR SUPER ELEVATION SLOPES.

NO.	DATE	REVISION	BY	APP'D

TYPICAL SECTION
DRIVEWAY SECTION
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
www.bartlettwest.com

DATE OCT 2018
W.O. 18900.003
4 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

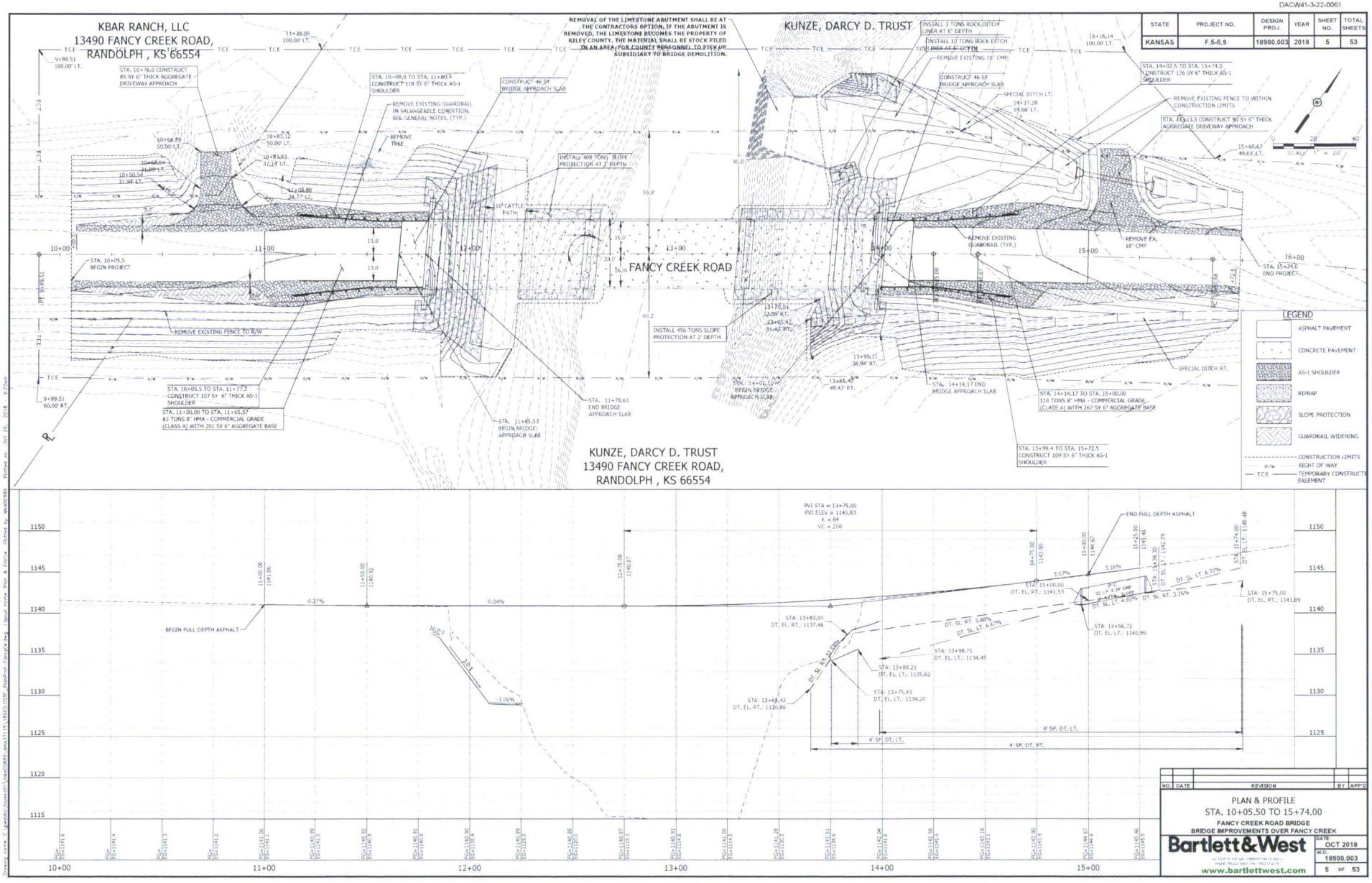
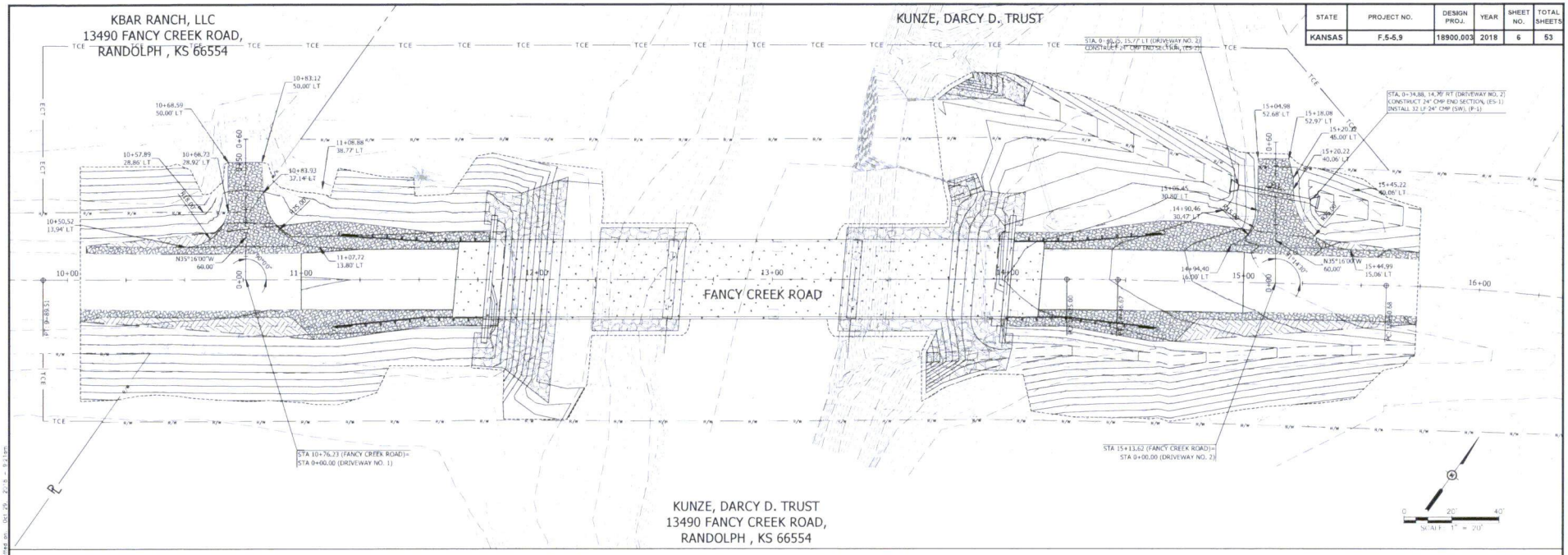


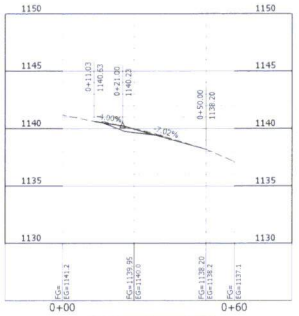
Exhibit A-2

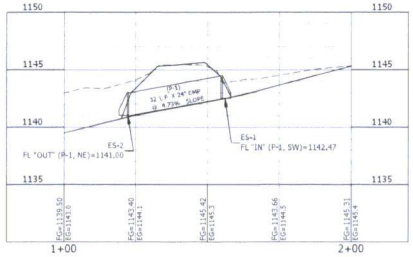
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

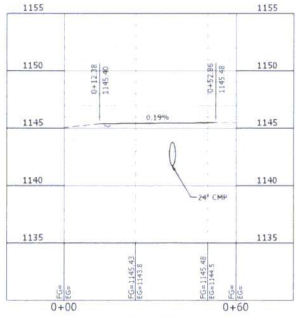
DACW41-3-22-0061



STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	6	53







NO.	DATE	REVISION	BY	APP'D

DRIVEWAY PLAN & PROFILE
CULVERT PIPE PLAN & PROFILE
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

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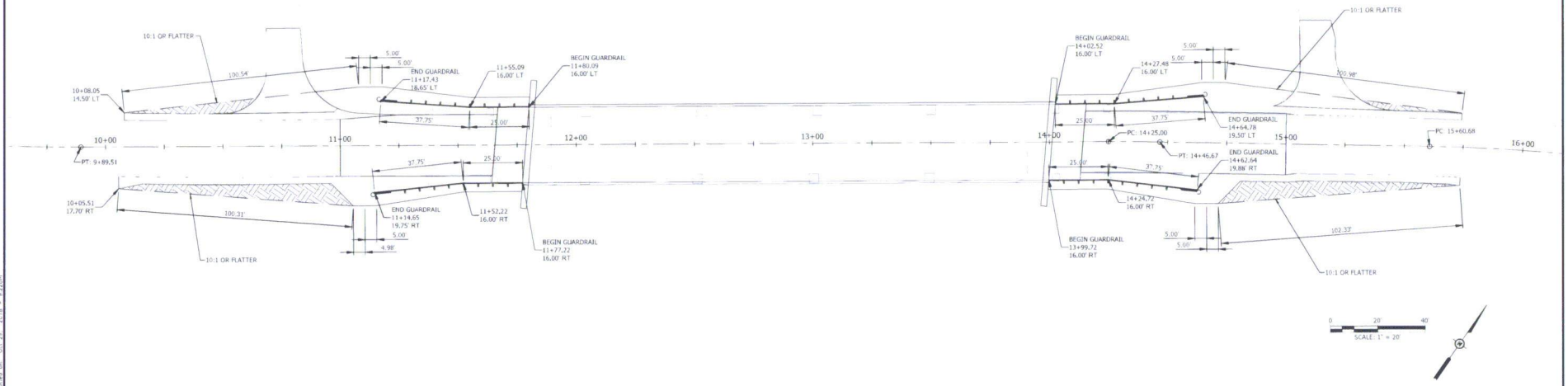
DATE OCT 2018
W.O. 18900.003
6 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	7	53



NO.	DATE	REVISION	BY	APP'D

GUARDRAIL PLAN

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West

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DATE OCT 2018
W.O. 18900.003
7 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	8	53

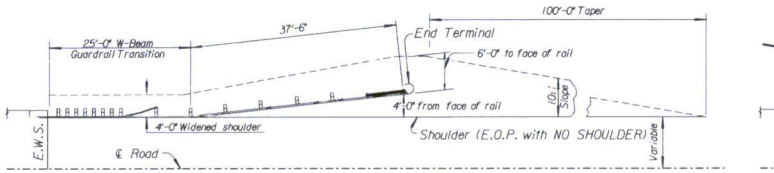
NOTE: Layouts 1, 2, 3, and 4 will be symmetric for any quadrant unless otherwise shown in the plans.

When using Rubrail, attach Std. Drawings No. RD611, RD616 and RD615 or RD615A.

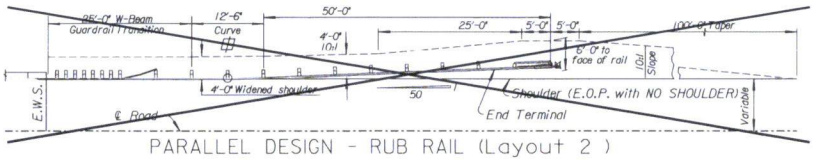
When using Thrie beam, attach Std. Drawings no. RD611 and RD608 or RD613.

Attach Std. Drawing No. RD617 or RD 617A for post over box less than full depth.

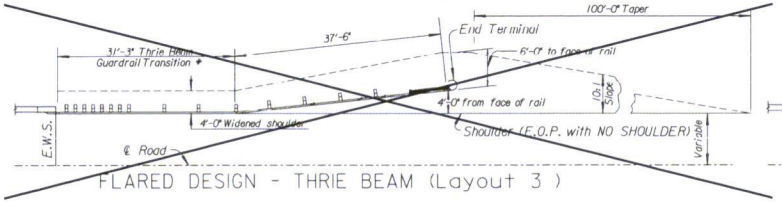
[] Radius = 625.08'



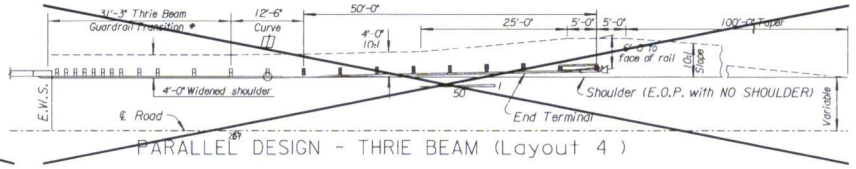
FLARED DESIGN - RUB RAIL (Layout 1)



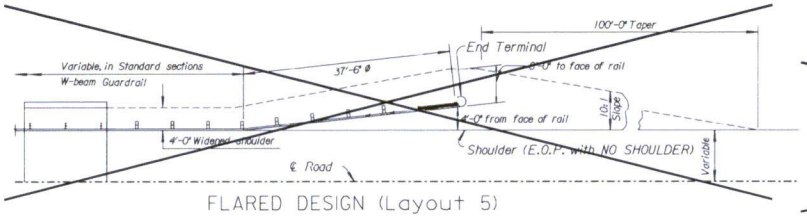
PARALLEL DESIGN - RUB RAIL (Layout 2)



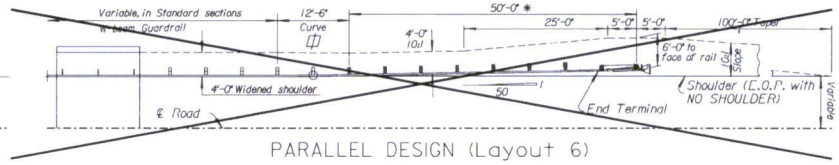
FLARED DESIGN - THRIE BEAM (Layout 3)



PARALLEL DESIGN - THRIE BEAM (Layout 4)



FLARED DESIGN (Layout 5)



PARALLEL DESIGN (Layout 6)

TYPICAL ALIGNMENT OF GUARDRAIL AT CULVERTS & BOX BRIDGES

ALLOWABLE END TERMINALS

TYPE	Layout 1	2	3	4	5	6	Required Standard Drawing
SRT	X		X		X		RD621A
FLEAT	X		X		X		RD606B
SKT		X		X		X	RD606C

SUMMARY OF STEEL PLATE GUARDRAIL

Location	Side	Layout No.	Layout Lin. Ft.*	Additional Standard Sections Lin. Ft.	Total Pay Length Lin. Ft.	Layout 1 or 3: Gd. Rail End Term. (SKT) Alt. #1 Each	Layout 1 or 3: Gd. Rail End Term. (FLEAT) Alt. #2 Each	Layout 2, 4, or 6: Gd. Rail End Term. (SKT) Each	Layout 5: Gd. Rail End Term. (SKT) Alt. #1 Each	Layout 5: Gd. Rail End Term. (FLEAT) Alt. #2 Each
STA. 11+55.09 TO 11+80.09	LT	1	25		25	1				
STA. 11+52.22 TO 11+77.22	RT	1	25		25	1				
STA. 13+99.72 TO 14+24.72	RT	1	25		25	1				
STA. 14+02.52 TO 14+27.48	LT	1	25		25	1				
TOTAL LENGTH					100	4				

*See Gd. Rail Terminal Standard Drawings for Measurement Details. Does Not Include End Terminal.

NO.	DATE	REVISIONS	BY	APP'D
11	10-30-17	Removed X-Lite	WFL	MJS
10	01-06-15	Added X-Lite, Removed ET-PLUS	TLS	RJS
9	11-9-05	Added length for Thrie Beam transition	REA	RJS
8	7-19-05	Added and updated new End Terminals.	DMK	RJS

KANSAS DEPARTMENT OF TRANSPORTATION

TYPICAL ALIGNMENT OF GUARDRAIL INSTALLATIONS

LP620

FHWA APPROVAL			APP'D.	MJS	
DESIGNED		DETAILED	TLS	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.	RJS	QUAN.CK.	TRACE CK.

8 53

Exhibit A-2

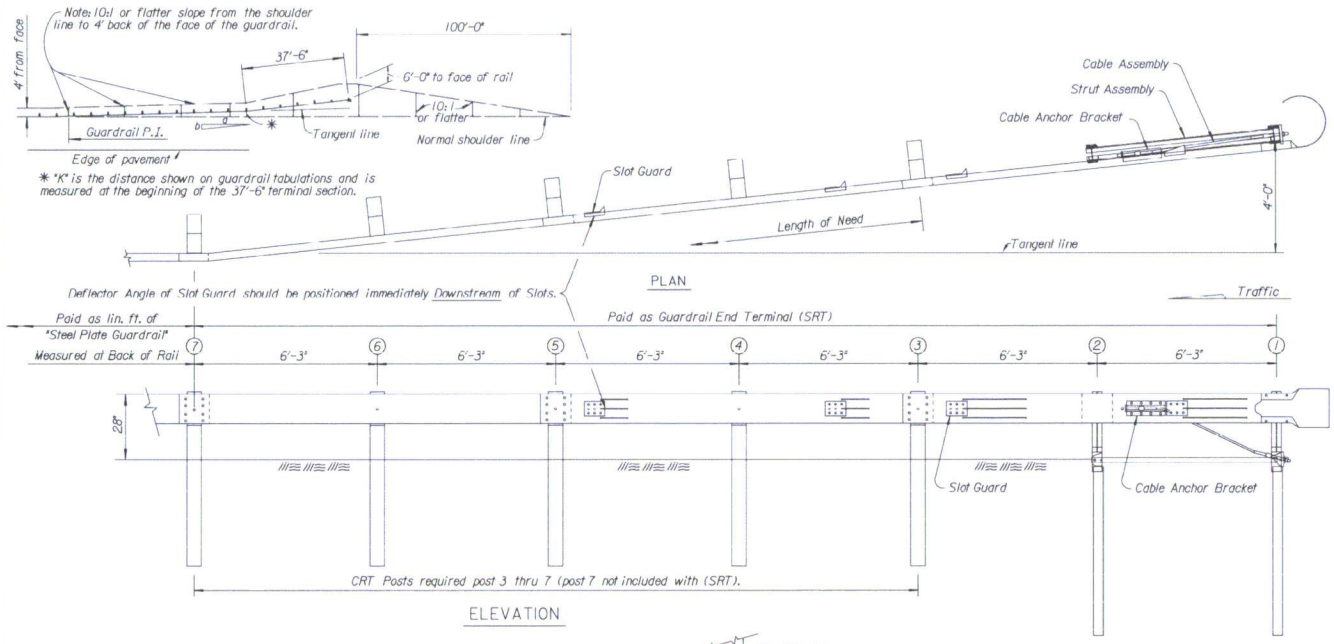
Packet Pg. 16

3.a

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	9	53



GENERAL NOTE

Use approved wood (shown & described) or steel posts ① through ⑥ on the (SRT) provided by the manufacturer. Terminal post type used is independent of post type used on the remainder of the installation. No mixing of post types allowed in guard fence run.

Lap guardrail splices, including terminal connector, in the direction of traffic. Where traffic is temporarily carried in the opposite direction of final configuration, lap rail splices in the direction of permanent traffic.

The cable anchor assembly must be taut. Use a locking device, (vice grips or channel lock pliers) to prevent the cable from twisting when tightening the nuts.

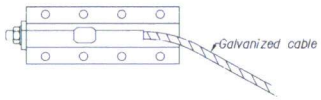
When rock is encountered during installation, see Manufacturer's Installation Manual for procedure.

End Terminal (SRT) details shown on this sheet are for "information Only" and may not be an exact detail. See Manufacturer's Installation Manual (furnished to Engineer) for component details and installation instructions.

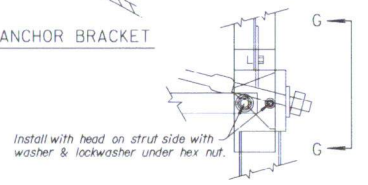
All work and materials required for installation of this terminal are paid under the bid item "Guardrail End Terminal (SRT)".

Galvanize all steel parts after fabrication.

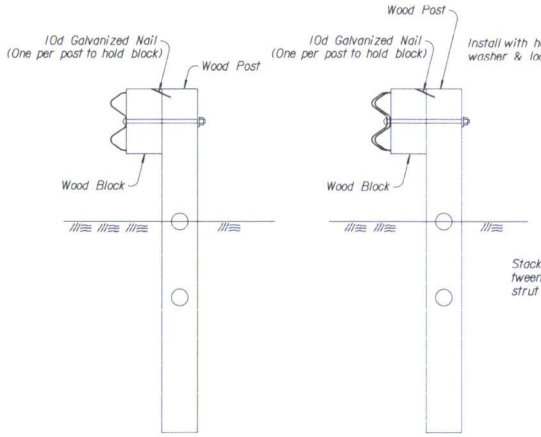
See Standard Drawings RD611 and RD613 for guardrail details not shown.



CABLE ANCHOR BRACKET

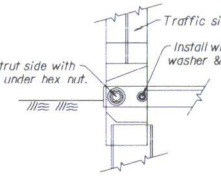


DETAIL "G" (Post #1)

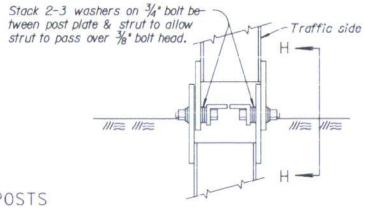


DETAIL OF CRT POSTS (Post #4 & 6)

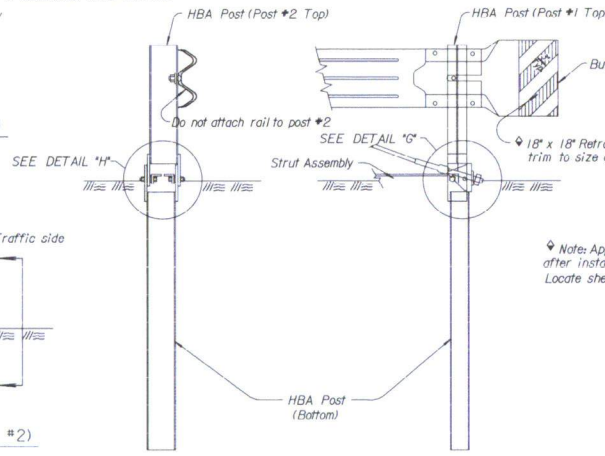
DETAIL OF CRT POSTS (Post #3,5 & 7)



VIEW H-H (Post #2)

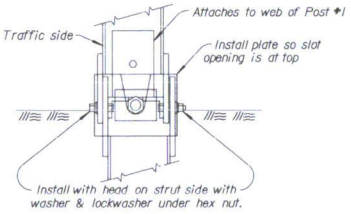


DETAIL "H" (Post #2)



DETAIL OF POST #2

ENLARGED VIEW @ POST #1



VIEW G-G (Post #1)

◆ Note: Apply retroreflective sheeting to the buffer end of terminal after installation. Throughly clean and dry steel prior to installation. Locate sheeting to provide maximum visibility to approaching traffic.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1	12-14-10	Rev. notes, details & 28" rail height	S.W.K	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

GUARDRAIL END TERMINAL (SRT) (FLARED)

RD621A

FHWA APPROVAL		APP'D. James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED Bowser
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK. King

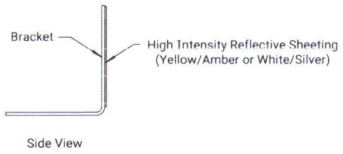
9 53

Exhibit A-2

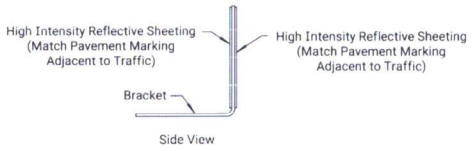
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

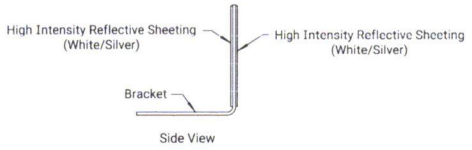
STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	10	53



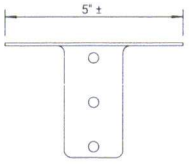
Flexible Marker
One-Way Traffic



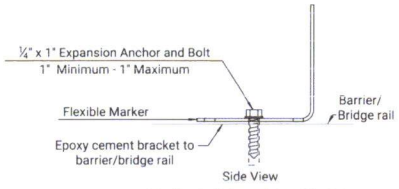
Flexible Marker
Median Locations



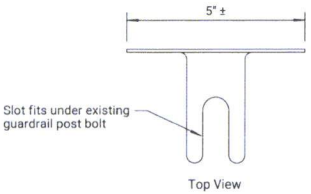
Flexible Marker
Two-Way Traffic

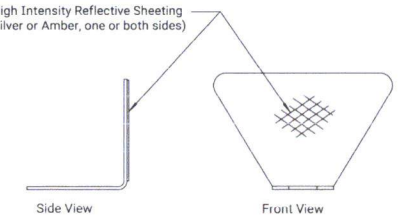


Barrier/Bridge Rail



Method of Attaching Flexible
Marker to Barrier/Bridge Rail



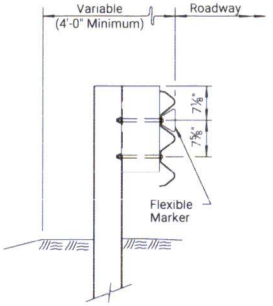


Flexible Guardrail Marker

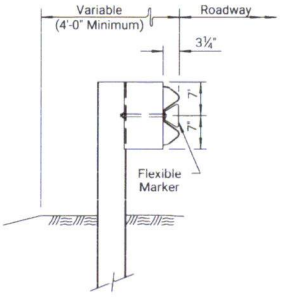
(High Impact Polycarbonate approx. .085" thick, 5¼" x 3")

GENERAL NOTES

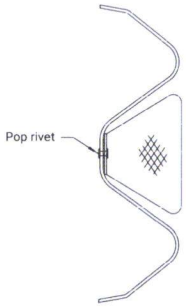
Install flexible markers on a post behind the guardrail bolt head on the traffic side of guardrail installations at a spacing not to exceed 25'. No marker is installed between the head and post #5 when the guardrail is terminated with a crashworthy end terminal.
Install flexible markers on the top of bridge rails at a spacing not to exceed 50', except for long bridges (greater than 200' long), where spacing may be increased to 100'.
Install flexible markers on the top of concrete safety barrier at a spacing not to exceed 100', except for barrier along a horizontal curve or along ramps and ramp tapers, where spacing is not to exceed 50'.
Where the height of the bridge rail or concrete barrier is greater than 32", mount the flexible markers on the side of the barrier at a height of 32" as shown on this sheet.
For guardrail, bridge rail, or concrete safety barrier located on two-way roadways, use flexible markers with white/silver high intensity reflective sheeting on both sides.
For guardrail located on one-way or divided roadways, use flexible markers with reflective sheeting installed on the approach traffic side of the bracket only. For bridge rail or concrete safety barrier located on the outside edge of one-way or divided roadways, use flexible markers with reflective sheeting installed on the approach traffic side of the bracket only. For bridge rail or concrete safety barrier located in the median, use flexible markers with reflective sheeting installed on both sides of the bracket. Match the color of the marker (yellow/amber or white/silver) to the color of the pavement marking adjacent to the traffic lane.
Use High Impact Polycarbonate Flexible Guardrail Marker with High Intensity Reflective Sheeting or an approved equivalent, see Standard Specifications.
Use zinc or cadmium plated fasteners that comply with Standard Specifications.
Work and materials required for installation of markers on guardrail, bridge rail, or concrete safety barrier are subsidiary to other bid items in the contract.
Install flexible markers for the final (permanent) traffic configuration.



THRIE-BEAM GUARDRAIL

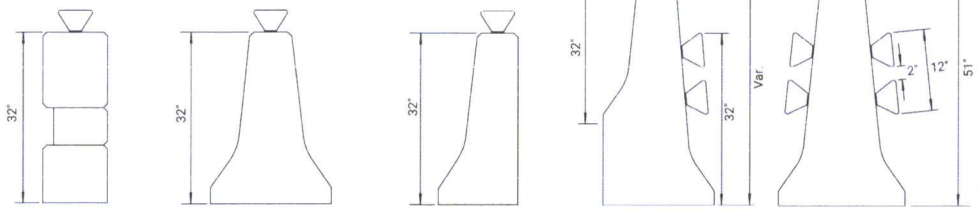


W-BEAM GUARDRAIL



Typical Mounting on W-Beam

Pop rivet attachment to Guardrail when necessary.



CORRAL RAIL | TYPE I CSB | TYPE II CSB or F-SHAPED BRIDGE RAIL | TYPE III CSB | TYPE IV CSB

TYPICAL BARRIER/BRIDGE RAIL MOUNTING DETAILS

NO	DATE	REVISIONS	BY	APPD
9	9-11-17	Rev. Det. Markers, Rev. Gen. Note	A.L.R.	S.W.K.
8	11-13-10	revised notes	S.W.K.	J.O.B.
7	12 21 08	AKT marker or approved equal	S.W.K.	J.O.B.
6	3-10-09	Add. Flexible rem. Button deline	S.W.K.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

MARKER DETAILS FOR GUARDRAIL, BARRIER, AND BRIDGE RAILS

RD610

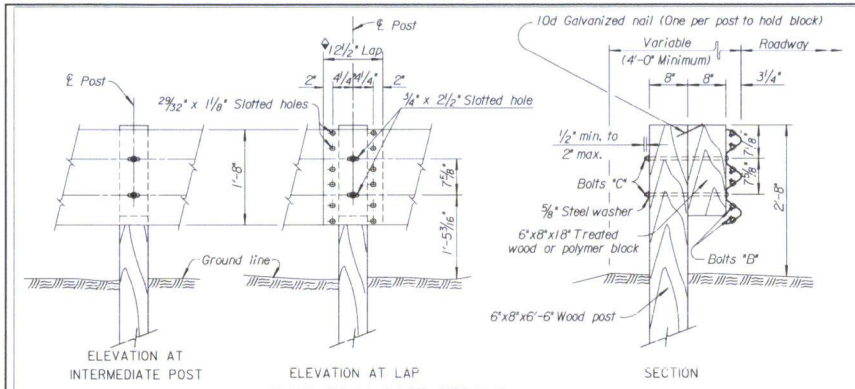
FHWA APPROVAL	3-15-18	APP'D Scott W. King	
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN CK.	TRACE CK.

10 53

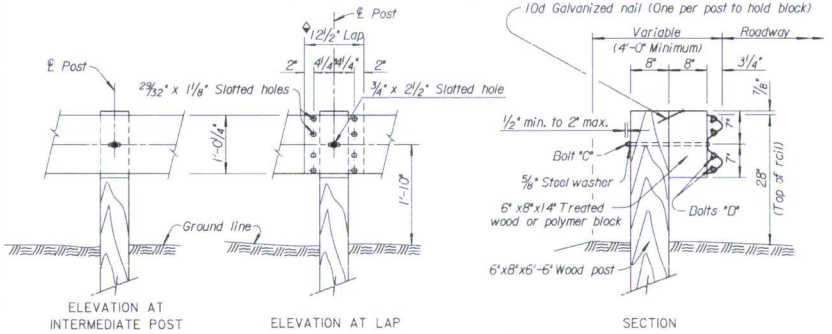
Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900,003	2018	11	53



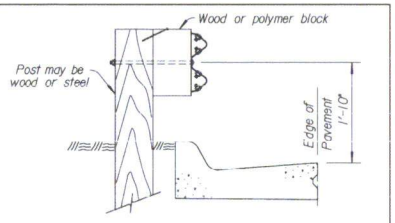
THRIE BEAM POST DETAILS



W-BEAM POST DETAILS

◆ Lap guardrail splices, including terminal connector, in the direction of traffic. Where traffic is temporarily carried in the opposite direction of final configuration, lap rail splices in the direction of permanent traffic.

WOOD POSTS



Note: When face of guardrail is aligned with the face of a curb, measure the height of rail from the pavement surface at the curb/pavement joint as shown.
Use a laydown type curb where the face of the guardrail is not located at the face of the curb.

DETAIL OF PLACEMENT AT CURB

GENERAL NOTES (Wood Posts)

Give all wood posts and wood blocks a preservative treatment, see standard specifications. Thoroughly saturate all cuts, injuries and bolt holes on wood posts and blocks with preservative. Use only one type of preservative treatment on a project.

Use 545 rectangular posts and wood blocks, see standard specifications. Use only one post/blockout type within guardrail run, this excludes the the guardrail end terminals.

Set guardrail posts by digging or by driving. Use post caps to protect the post from crushing during driving operations.

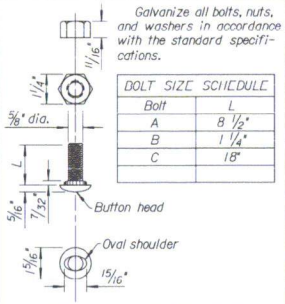
Contractor must notify Engineer at the earliest time when a non-removable man-made object (footing, pipe, etc.) is encountered and prevents installation of a full length post. Contractor must obtain Engineer approval prior to cutting post shorter than 6'-6".

Approved polymer blockouts may be substituted for wood blockouts. Only one type of blockout is permitted on each guardrail installation. This excludes the guardrail end terminals unless certified by the manufacturer.

All dimensions are nominal and are subject to manufacturing tolerances.

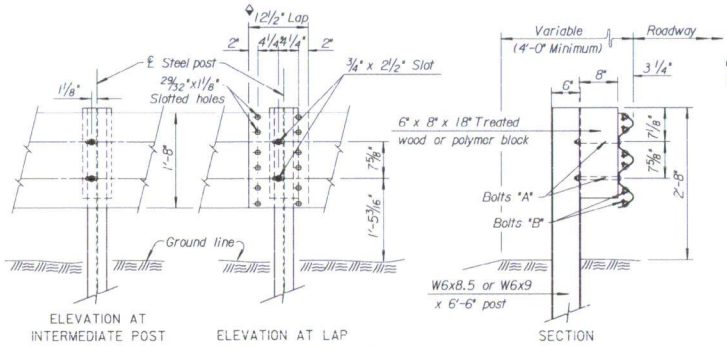
Excavation including rock, shale, and other materials for erection of Guardrail is subsidiary to various bid items for which payment is made.

Where guardrail posts are installed in pavement, form openings in the pavement for the guardrail posts.



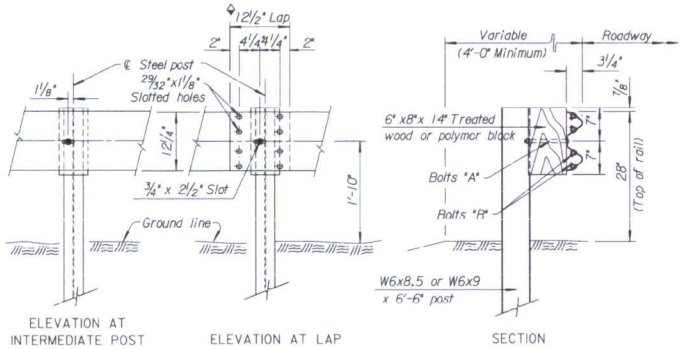
BOLT SIZE SCHEDULE	
Bolt	L
A	8 ½"
B	1 ¼"
C	18"

BOLT & NUT DETAILS



THRIE BEAM POST DETAILS

◆ Lap guardrail splices, including terminal connector, in the direction of traffic. Where traffic is temporarily carried in the opposite direction of final configuration, lap rail splices in the direction of permanent traffic.



W-BEAM POST DETAILS

STEEL POSTS

GENERAL NOTES (Steel Posts)

Use grade of steel for steel posts that meets the requirements of the standard specifications.

Hot dip galvanize the posts after fabrication, see standard specifications.

Use only one post/blockout type within guardrail run, this excludes the guardrail end terminals. For wood/polymer blockout requirements see standard specifications.

Approved polymer blockouts may be substituted for wood blockouts. Only one type of blockout is permitted on each guardrail installation. This excludes the guardrail end terminals.

Set guardrail posts by digging or by driving. Use post caps to protect the post from crushing during driving operations.

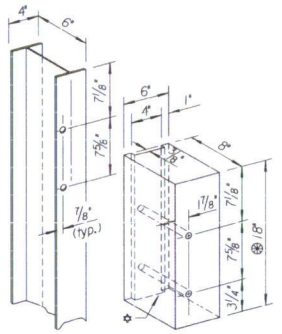
Contractor must notify Engineer at the earliest time when a non-removable man-made object (footing, pipe, etc.) is encountered and prevents installation of a full length post. Contractor must obtain Engineer approval prior to cutting post shorter than 6'-6" except as allowed on Standard Drawing RD617.

All dimensions are nominal and are subject to manufacturing tolerances.

Excavation including rock, shale, and other materials for erection of Guardrail is subsidiary to various bid items for which payment is made.

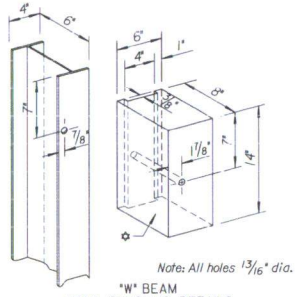
Where guardrail posts are installed in pavement, form openings in the pavement for the guardrail posts.

❁ See Standard Drawing RD613 for Thrie Beam Transition Section Blockout hole pattern.



Note: All holes 13/16" dia.

THRIE BEAM HOLE PUNCHING DETAILS



Note: All holes 13/16" dia.

"W" BEAM HOLE PUNCHING DETAILS

❁ NON-METALLIC (POLYMER) or TREATED WOOD BLOCK

NO.	DATE	REVISIONS	BY	APP'D
12	12-14-10	Revised notes, 28" w-beam rail height	S.W.K.	J.O.B.
11	6-30-04	Remove steel blockout and notes	S.W.K.	J.O.B.
10	7-15-02	Add polymer block-out alternate	S.W.K.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

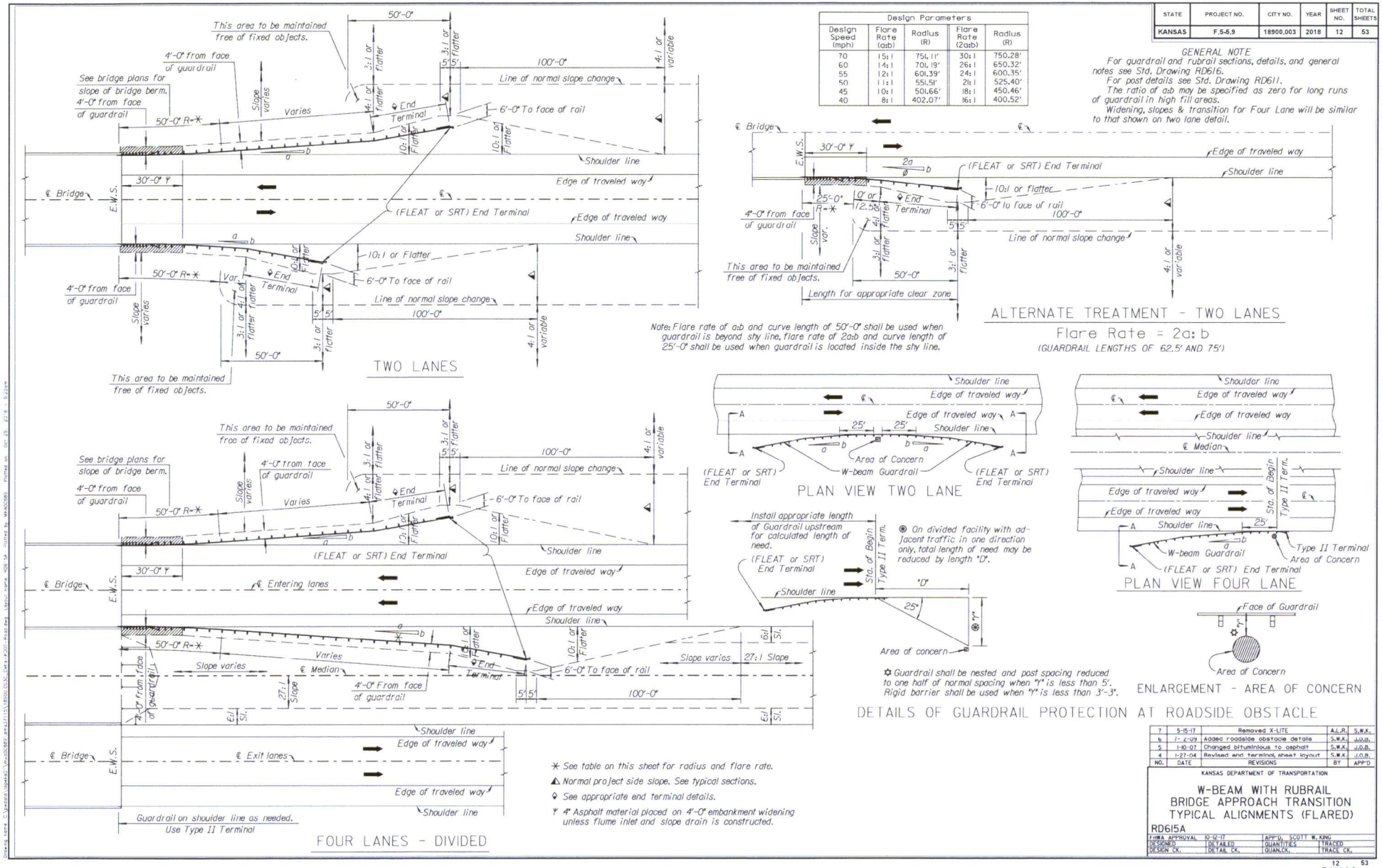
GUARDRAIL POST DETAILS

RD611

FHWA APPROVAL	1-11-11	APP'D. James Q. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED Bowser
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK. King

Drawing name: C:\Jacobs Projects\Projects\Projects\

DACW41-3-22-0061



STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	12	53

NO.	DATE	REVISIONS	BY	APP'D
7	5-15-17	Removed X-LITE	A.L.R.	S.W.K.
6	1-2-09	Added roadside obstacle details	S.W.K.	J.O.B.
5	1-10-07	Changed bituminous to asphalt	S.W.K.	J.O.B.
4	1-27-04	Revised end terminal sheet layout	S.W.K.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

W-BEAM WITH RUBRAIL
BRIDGE APPROACH TRANSITION
TYPICAL ALIGNMENTS (FLARED)

RD615A

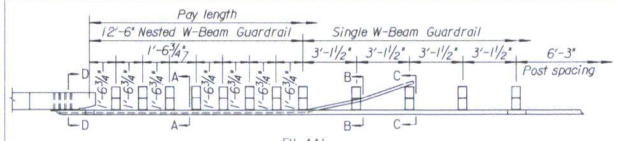
FHWA APPROVAL	10-12-17	APP'D. SCOTT W. KING	
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUANTITY CK.	TRACE CK.

12 53

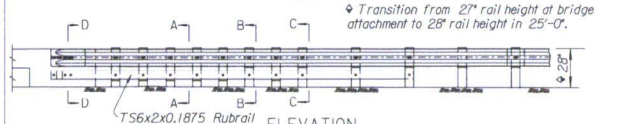
Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900,003	2018	13	53

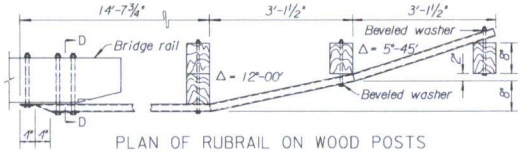


PLAN

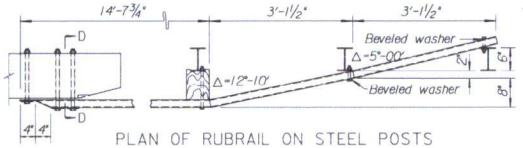


ELEVATION

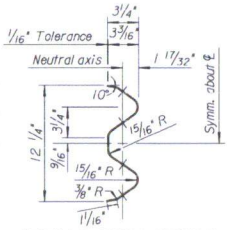
◆ Transition from 27" rail height at bridge attachment to 28" rail height in 25'-0".



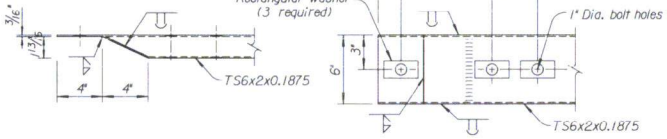
PLAN OF RUBRAIL ON WOOD POSTS



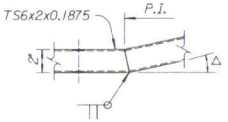
PLAN OF RUBRAIL ON STEEL POSTS



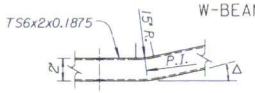
SECTION THRU TYPICAL W-BEAM RAIL ELEMENT



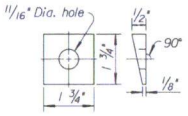
TYPICAL END RUB RAIL DETAILS



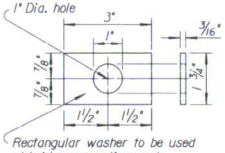
SHOP WELDED OPTION



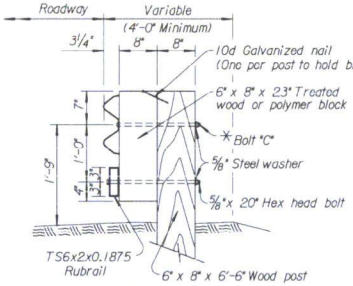
SHOP BENT OPTION



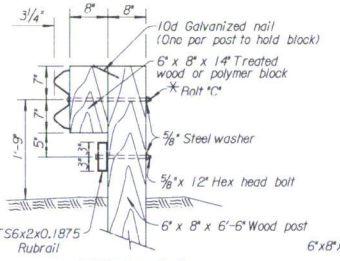
BEVELED WASHER



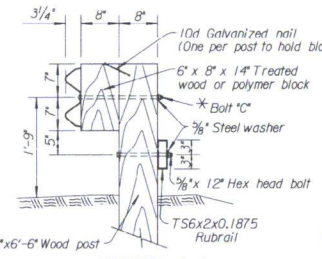
RECTANGULAR WASHER
(Other approved washer may be used.)



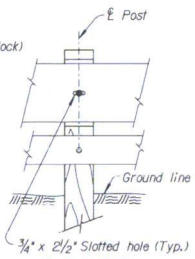
SECTION A-A



SECTION B-B



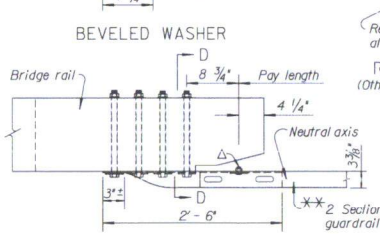
SECTION C-C



ELEVATION WITH RUBRAIL

WOOD POSTS

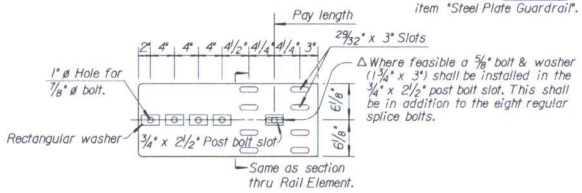
✳ See Standard Drawing RD611 for details of Bolts A, & C.



PLAN SPECIAL END SHOE

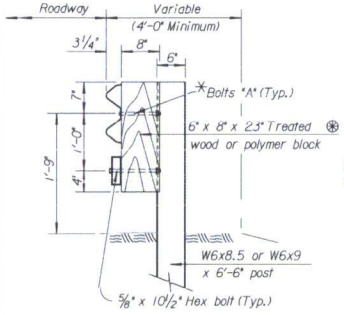
✳✳ 2 Sections W-beam guardrail nested.

✳✳ One section of the two shall be considered as subsidiary to the bid item "Steel Plate Guardrail".

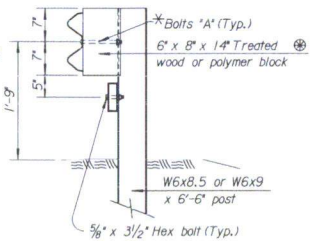


ELEVATION SPECIAL END SHOE

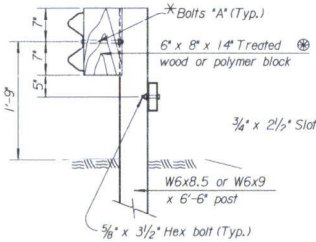
△ Where feasible a 5/8" bolt & washer (1 3/4" x 3") shall be installed in the 3/4" x 2 1/2" post bolt slot. This shall be in addition to the eight regular splice bolts.



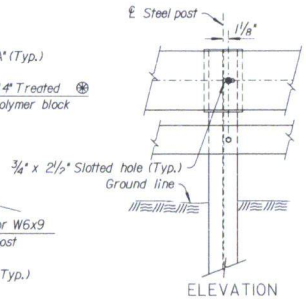
SECTION A-A



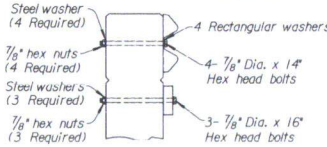
SECTION B-B



SECTION C-C



ELEVATION WITH RUBRAIL



SECTION D-D

STEEL POSTS

✱ Blocks used with steel posts shall be grooved to fit over the flange of the post and may be Wood or Polymer.

GENERAL NOTE

Include all material and work for this installation in the pay item "Steel Plate Guardrail" paid by the lineal foot.

Use 10 or 12 gauge steel guardrail elements unless otherwise called out, see standard specifications.

Bridge Rail Transition consists of one 12'-6" W-beam section nested in back of one 25'-0" section. Furnished remaining rail elements in either 12'-6" or 25'-0" sections.

Guardrail parts furnished under this specification shall be interchangeable with similar parts regardless of the source or manufacturer.

Shop fabricate tubular steel rubrail from ASTM A36 structural steel, form angles in rubrail by shop bending or welding. Rubrail is subsidiary to the bid item "Steel Plate Guardrail".

Galvanize rail elements, post fittings, bolts, nuts, washers and anchor bolts after fabrication in accordance with the standard specifications.

Shop or field drill holes in posts and/or tubular steel rubrail for attachment. When holes are field drilled touch up any damage to the galvanized coating with zinc based paint.

Shop bend rail when radius is less than 150'.

Fabricate Special End Shoe from 10 gauge steel in accordance with standard specifications.

The Special End Shoe has the same section as guardrail and is subsidiary to guardrail.

Lap guardrail splices, including Special End Shoe, in the direction of traffic. Where traffic is temporarily carried in the opposite direction of final configuration, lap rail splices in the direction of permanent traffic.

See Std. Drawing RD611 for additional details of posts not shown on this sheet.

NO.	DATE	REVISIONS	BY	APP'D
14	12-14-10	Revised notes, 28" rail height	S.W.K.	J.O.B.
13	4-02-08	Removed Galvanized callout	S.W.K.	J.O.B.
12	2-06-07	Corrected spelling error	S.W.K.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

W-BEAM WITH RUBRAIL BRIDGE APPROACH TRANSITION DETAILS

RD616

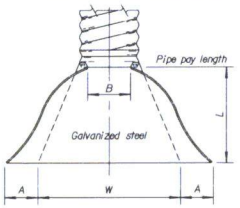
FHWA APPROVAL		APP'D, James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED Bowser
DESIGN CK.	DETAIL CK.	QUANCK.	TRACE CK. King

13 53

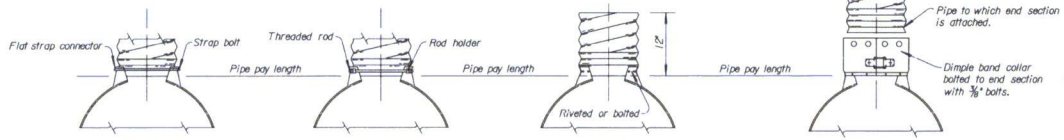
Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	14	53



PLAN
(Illustrated with Type #3 Connection)



TYPE 1
Available in sizes 12" through 24" only.

TYPE 2
Available in sizes 30" and 36" Round and 17"x13" through 57"x38" Pipe-Arches.

TYPE 3
Available in sizes 42" through 96" Round and 60"x46" through 81"x59" Pipe-Arches.

TYPE 5
Available for all Round and equivalent Pipe-Arch sizes. (Type 1 and Type 2 connections are recommended for the smaller sizes with annular ends).

Note: Type 3 connection may be furnished instead of Type 1 or Type 2 for smaller round or arch pipe.

GENERAL NOTE for END SECTIONS

End section material shall follow KDOT Pipe Policy for geographic location. Location shall govern use of CS (Galvanized), ACS (Aluminized) or CA (Aluminum) (Type 1) End Section. Pipe material and End Section material shall be the same with no mixing of types per location.

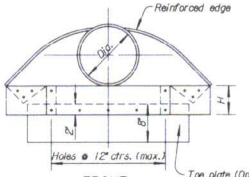
Toe plate extension, when specified, is an accessory and shall be the same gauge and metal as end section. Toe plate shall be punched to match holes in apron lip and attached with furnished ⅜" diameter nuts & bolts.

W + 10" for 12" to 30" diameter pipes inclusive.
W + 20" for 36" to 84" diameter pipes inclusive.
W + 10" for pipe-arches with a rise of 13" to 29" inclusive.
W + 20" for pipe-arches with a rise of 33" to 59" inclusive.

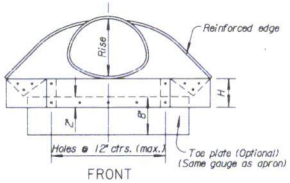
Multiple panel end sections may contain dual gauges of like metal and shall have lap seams which are tightly joined with rivets or bolts. For 60" and larger diameter round pipe end sections and 77"x52" arch pipe end sections, the reinforced edges are supplemented with stiffener angles. The angles are attached with nuts and bolts. Angle reinforcement may be required over the center panel seams of 73"x55" and larger arch pipe end sections depending on manufacturer.

Other approved designs may be used in lieu of type shown.

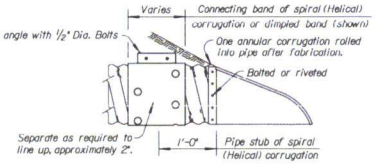
Connection of end sections by welding will not be permitted.



FRONT



FRONT



SPIRAL (HELICAL) CORRUGATION

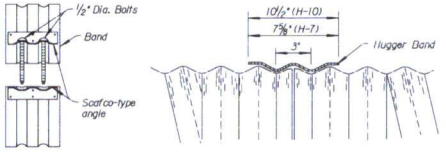
For all sizes of round and arch culvert pipes having Spiral (Helical) corrugations, the end sections and connecting bands shall be as shown above.

Thickness CSP/ACSP	Thickness CAP	Gauge
0.064"	0.060"	16 ga.
0.079"	0.075"	14 ga.
0.109"	0.105"	12 ga.
0.138"	0.135"	10 ga.
0.168"	0.164"	8 ga.

Pipe Dia. (In.)	CS, ACS or CA Gauge	Dimensions in Inches A (min.)	D (max.)	H (min.)	L (+/-2")	W (min.)	Approx. Slope
12"	16	5	7	6	21	22	2½:1
15"	16	6	8	6	26	28	2½:1
18"	16	7	10	6	31	34	2½:1
21"	16	8	12	6	36	40	2½:1
24"	16	9	13	6	41	46	2½:1
30"	14	11	16	8	51	55	2½:1
36"	14	13	19	9	60	70	2½:1
42"	12	15	25	10	69	82	2½:1
48"	12	17	29	12	78	88	2½:1
54"	12	17	33	12	84	100	2½:1
60"	12/10	17	36	12	87	112	2:1
66"	12/10	17	39	12	87	118	2:1
72"	12/10	17	44	12	87	120	2:1
78"	12/10	17	48	12	87	130	1½:1
84"	12/10	17	52	12	87	136	1½:1
90"	12/10	17	58	12	87	142	1½:1
96"	12/10	17	58	12	87	144	1½:1

Bid Designation Sq. Ft.	Nom. W.W. Area Sq. Ft.	Pipe Arch Span & Rise	Dimensions in Inches 2⅔"x ½" Corrugations CS, ACS or CA Gauge	A (min.)	D (max.)	H (min.)	L (+/-2")	W (min.)	Dimensions in Inches 3" x 1" or 5" x 1" Corr. CS, ACS or CA Gauge	A (min.)	D (max.)	H (min.)	L (+/-2")	W (min.)	Approx. Slope
1.0	1.1	17" x 13"	16	5	9	6	20	28							2½:1
1.5	1.6	21" x 15"	16	6	11	6	24	34							2½:1
2.0	2.2	24" x 18"	16	7	12	6	28	40							2½:1
2.5	2.9	28" x 20"	16	7	16	6	32	46							2½:1
3.0 or 4.0	4.5	35" x 24"	14	9	16	6	39	58							2½:1
5.0 or 6.0	6.5	42" x 29"	14	11	18	7	46	73							2½:1
7.0 or 8.5	8.9	49" x 33"	12	12	21	9	53	82							2½:1
10.0 or 11.0	11.7	53" x 41"							12	17	26	12	63	88	2 :1
10.0 or 11.0	11.6	57" x 38"	12	16	26	12	62	88							2 :1
12.5 or 14.0	15.6	60" x 46"							12	17	36	12	70	100	2 :1
12.5 or 14.0	14.7	64" x 43"	12	17	30	12	69	100							2 :1
16.5	19.3	66" x 51"							12/10	17	36	12	70	112	1½:1
16.5	18.1	71" x 47"	12/10	17	36	12	77	112							1½:1
21.0	23.2	73" x 55"							12/10	17	36	12	77	124	1½:1
21.0	21.9	77" x 52"	12/10	17	36	12	77	124							1½:1
25.0	27.4	81" x 59"							12/10	17	44	12	77	136	1½:1
25.0	26.0	83" x 57"	12/10	17	44	12	77	130							1½:1
32.0	32.1	87" x 63"							12/10	17	44	12	77	136	1½:1
36.0	37.0	95" x 67"							12/10	17	44	12	87	160	1½:1
42.0	42.4	103" x 71"							12/10	17	44	12	87	172	1½:1
47.0	48.0	112" x 75"							12/10	17	44	12	87	172	1½:1

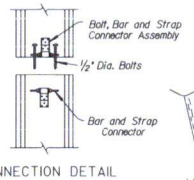
(Information listed in these tables are nominal and may vary by manufacturer.)



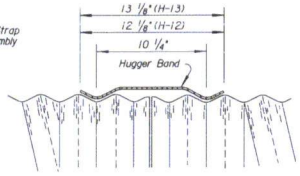
CONNECTION DETAIL
H-7 or H-10 BAND

UNIVERSAL REFORMED END with H-7 or H-10 HUGGER BAND

DETAILS FOR H-7 HUGGER BAND (12" thru 36")
or H-10 HUGGER BAND (12" thru 120")



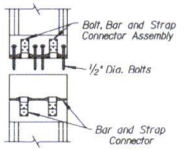
CONNECTION DETAIL
SINGLE HARNESS



UNIVERSAL REFORMED END with HUGGER BAND

DETAILS FOR H-12 or H-13 HUGGER BAND

Pipe Dia. Inches	Minimum Gauge of Round Pipe 2⅔"x ½" Corr. CSP or ACSP	3" x 1" Corr. CSP or ACSP	5" x 1" Corr. CSP or ACSP	2⅔"x ½" Corr. CAP	3" x 1" Corr. CAP
12"	14			16	
15"	14			16	
18"	14			16	
21"	14			16	
24"	14			16	
30"	14			14	
36"	14			14	16
42"	14			12	16
48"	12	14	16	12	16
54"	12	14	16	12	16
60"	10	14	16	10	16
66"	10	14	16	8	16
72"	10	14	16	8	16
78"	8	14	14		14
84"	8	14	14		12
90"		14	14		12
96"		12	12		12
102"		12	12		10
108"		12	12		10
114"		12	12		8
120"		10	10		8



CONNECTION DETAIL
DOUBLE HARNESS

Bid Designation Sq. Ft.	Pipe Dimension Span & Rise	Sq. Ft.	Equiv. Round Pipe Diameter	Minimum Gauge of Arch Pipe 2⅔"x ½" Corr. CSP or ACSP	3" x 1" Corr. CSP or ACSP	5" x 1" Corr. CSP or ACSP	2⅔"x ½" Corr. CAP	3" x 1" Corr. CAP
1.0	17" x 13"	1.1	15"	14			16	
1.5	21" x 15"	1.6	18"	14			16	
2.0	24" x 18"	2.2	21"	14			16	
2.5	28" x 20"	2.9	24"	14			14	
3.0 or 4.0	35" x 24"	4.5	30"	14			14	
5.0 or 6.0	42" x 29"	6.5	36"	14			12	
7.0 or 8.5	49" x 33"	8.9	42"	14			12	
10.0 or 11.0	53" x 41"	11.7	48"		14			
10.0 or 11.0	57" x 38"	11.6	48"	12			10	
12.5 or 14.0	60" x 46"	15.6	54"		14			14
12.5 or 14.0	64" x 43"	14.7	54"	12			10	
16.5	66" x 51"	19.3	60"		14			14
16.5	71" x 47"	18.1	60"	10			8	
21.0	73" x 55"	23.2	66"		14			14
21.0	77" x 52"	21.9	66"	8				
25.0	81" x 59"	27.4	72"		14	12		12
25.0	83" x 57"	26.0	72"	8				
32.0	87" x 63"	32.1	78"		12	12		12
36.0	95" x 67"	37.0	84"		12	12		12
42.0	103" x 71"	42.4	90"		12	12		10
47.0	112" x 75"	48.0	96"		12	12		8
54.0	117" x 79"	54.2	102"		10	10		
60.0	128" x 83"	60.5	108"		10	10		
67.0	137" x 87"	67.4	114"		10	10		
74.0	142" x 91"	74.5	120"		8	8		

GENERAL NOTE for METAL PIPE

Culvert "Type" listed may be CSP, ACSP, CAP, HDP, PVCP & PEP within guidelines of KDOT Pipe Policy for geographic location. More than one pipe "Type" may be acceptable for a design location with allowable types listed for each site.

There shall be no payment for gain in pipe length due to fit of pipe at corrugating band.

When Hugger Bands are used, the H-7 Hugger Band may be used on circular pipes 36" diameter and smaller or pipe arches 42"x29" and smaller. The H-10 Hugger Band may be used on 12" thru 120" pipe. The H-12 or H-13 Hugger Band are for pipe sizes larger than 36" diameter or 42"x29" arch pipe.

Ⓜ Pipe gauge listed in the tables on this sheet are minimum for E'=750 p.s.i. soil. Pipe gauge will be determined for each site based on the Design Manual Volume 1- Part C Fill Height Tables and shall shall be listed in the Pipe Culvert Summary. Gauges shown on this Standard Drawing are KDOT minimum and may not be industry minimum gauge.

In geographic areas that allow CSP (24" or smaller arched or round pipe) for entrance and side road installation with less than 3,000 AADT, 16 gauge ACSP may be substituted for 14 gauge CSP.

Aluminum or aluminized pipes or end sections shall be coated with an asphaltic paint when in contact with fresh concrete in accordance with the Standard Specifications.

NO.	DATE	REVISIONS	BY	APP'D
4	9-10-09	Rev. Round and Arch Tables, add. Alum	S.W.K.	J.O.B.
3	1-20-09	Rev. Round Pipe Gauges	S.W.K.	J.O.B.
2	4-18-08	Rev. layout, details, tables and notes	S.W.K.	J.O.B.
1	4-27-98	Added pipe corrugation option note	R.J.S.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

METAL END SECTION FOR ROUND & ARCH METAL CULVERTS (TYPE I) & PIPE GAUGE TABLES

RD660

FHWA APPROVAL	12-16-09	APP'D. James G. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED Bowser
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK. King

14 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

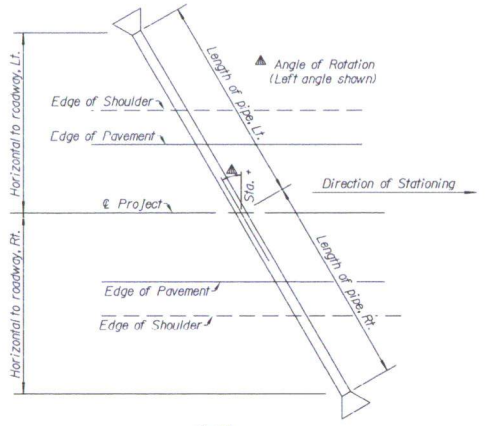
STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	15	53

PIPE CULVERT SUMMARY

Station	Type	Size or Bid Designation Sq. Ft.	Crown Grade Elev.	Flow Line Lt.	Flow Line Rt.	✳Floor Elev. Lt.	✳Floor Elev. Rt.	Horizontal Roadway Lt.	Horizontal Roadway Rt.	Degree of Rotation	Length of Pipe Lt.	Length of Pipe Rt.	Lin. Ft. of Pipe	Height of Fill (max.) Ft.	Concrete Pipe AASHTO Class No.	Pipe Gauge ◔ Steel	Pipe Gauge ◔ Alum.	Pipe Corrugations ◔ Steel	Pipe Corrugations ◔ Alum.	Remarks
STA. 37.71, 0.00' OFFSET	ENTRANCE PIPE	24"	1145.45	1141.00	1142.47			15.77'	14.70'	79	16.06'	14.98'	32'							DRIVEWAY NO. 2 ALIGNMENT

◔ Unless otherwise noted, minimum pipe gauge & corrugations to be as shown in RD660. See Summary of Quantities for End Section information.

✳ Only include floor elevations for embedded pipes. See RD668 for details. For structures not embedded, the floor elevations may be omitted.



PLAN
(Showing Rotation about ℄)

Type	ALLOWABLE LOCATION ▲ Mainline	Side Road	Entrance	Storm Sewer Under ML	Storm Sewer Not Under ML
✡ PVCP					
◘ PEP					
CSP					
ACSP					
CAP					
RCP					

✡ When inside diameter of pipe is 36" or less.

▲ Unless otherwise specified in the plans. Some pipe types may not be allowed at a location if the fill height exceeds the maximum allowable or is less than the minimum allowable cover.

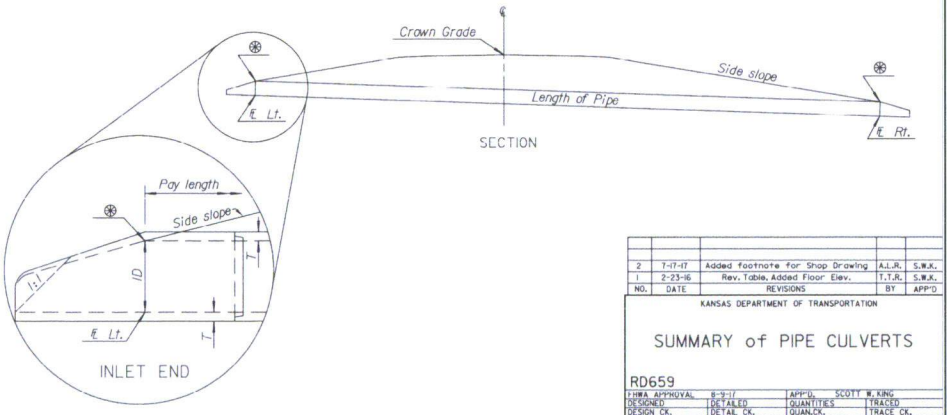
◘ When inside diameter of pipe is 60" or less.

Type	ALLOWABLE END SECTIONS ◆ CS	◆ ACS	CA	RC
PVCP				
PEP				
RCP				Ψ
ACSP, CAP, CSP	Provide End Sections of the same material and coating type as the pipe.			

◆ Type IV End Sections are only made of CS or ACS.

Ψ Submit Shop Drawing of connection for review

❀ Design side slope to intersect inside diameter of pipe outside of Clear Zone.



NO.	DATE	REVISIONS	BY	APP'D
2	7-17-17	Added footnote for Shop Drawing	A.L.R.	S.W.K.
1	2-23-16	Rev. Table, Added Floor Elev.	T.T.R.	S.W.K.

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY of PIPE CULVERTS

RD659

FHWA APPROVAL	8-9-17	APP'D. SCOTT W. KING	
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK.

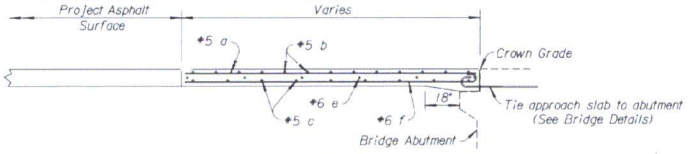
15 53

Exhibit A-2

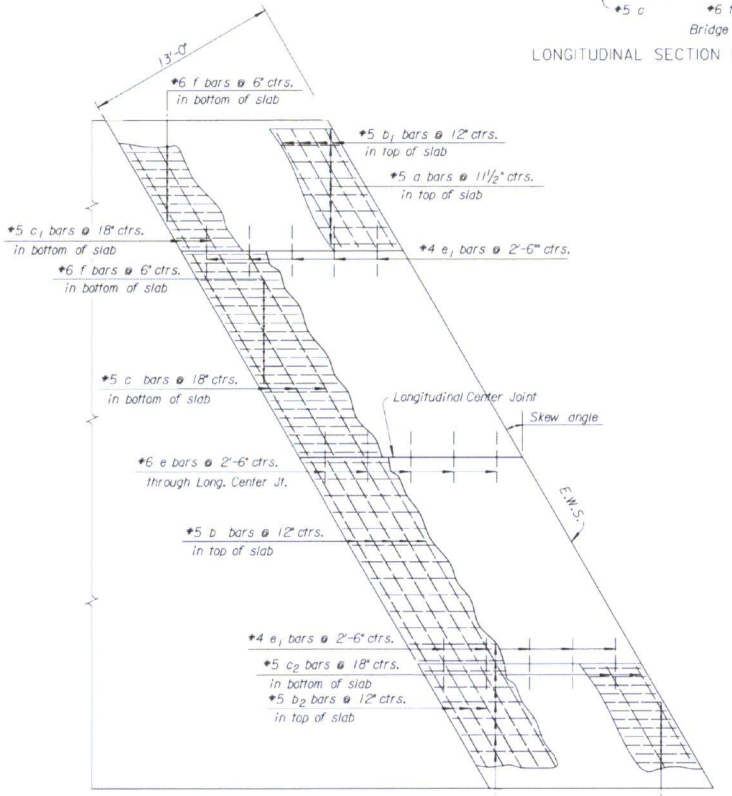
Drawing name: C:\pwdata\dgn\ksDOT\RD659.dgn 17:13:\RD659.DSC, Cell=#707-Roadway, Layout name: <Default>, Plotted by: MAXOBB5, Plotted on: Oct 28, 22:15 - 9.2.0am

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	16	53

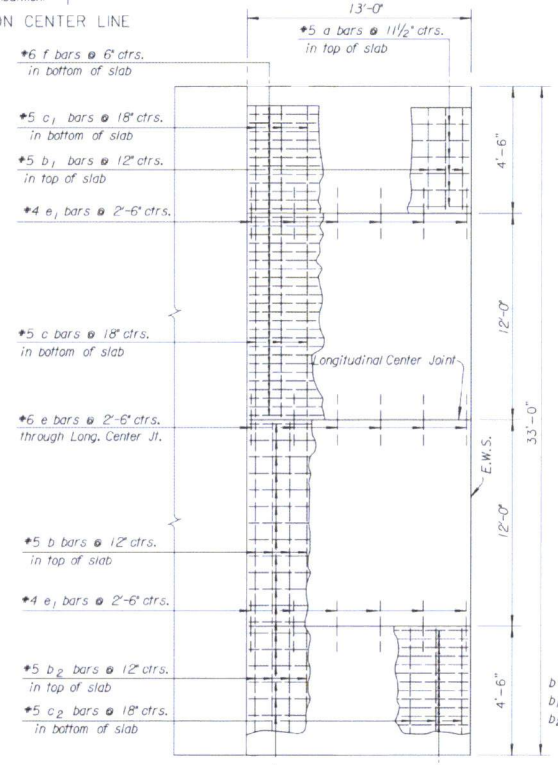


LONGITUDINAL SECTION ON CENTER LINE



Note: Spacing of longitudinal reinforcing bars is normal to center line. Spacing of transverse reinforcing bars is parallel to center line.

PLAN FOR SKEWED APPROACH (SKEW ≤ 5°)
(No Scale)



"D" Thickness = Thickness of Project Concrete Pavement

PLAN FOR NORMAL APPROACH
(No Scale)

GENERAL NOTE

Special Concrete Bridge Approach shall be paid for as Sq. Yds. of Concrete Pavement (9" Unif.)(AE)(Br App) and includes all work and materials required to construct the approach slab as shown on this sheet.

All work and materials required for installation of joint material shall be subsidiary to this bid item.

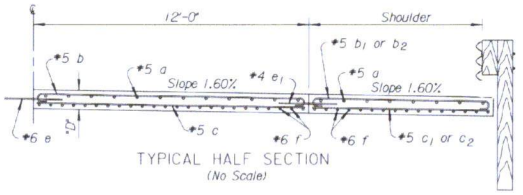
At the Contractor's option #4x3'-0" tie bars @ 15" centers may be substituted for the #6 e bars at 2'-6" centers.

All reinforcing steel shall be epoxy coated.

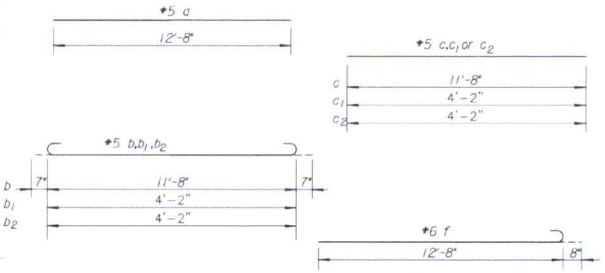
See Standard Drawing RD711 for details of joints.

Clearance from the face of concrete for all reinforcing steel shall be 2 inches.

Standard reinforcing bar hooks in accordance with the latest ACI specifications shall be used throughout.



TYPICAL HALF SECTION
(No Scale)



Note: All dimensions are out to out on bars. unless noted otherwise.

BENDING DIAGRAMS

BILL OF MATERIALS

BAR SCHEDULE

NORMAL APPROACH

Bar No.	a	b	b_1	b_2	c	c_1	c_2	e	e_1	f
Size	#5	#5	#5	#5		#5	#5	#6	#4	#6
Length	12'-8"	12'-10"			11'-8"			3'-0"	3'-0"	13'-4"

Reinforcing Steel (Grade 60) (Epoxy Coated) lbs.

Concrete Pavement (__" Unif.)(AE) Sq. Yds.

5 °SKEW

Bar No.	a	b	b_1	b_2	c	c_1	c_2	e	e_1	f
	36	26	13	13	18	9	9	6	12	66
Size	#5	#5	#5	#5	#5	#5	#5	#6	#4	#6
Length	12'-8"	12'-10"	5'-4"	5'-4"	11'-8"	4'-2"	4'-2"	3'-0"	3'-0"	13'-4"

Reinforcing Steel (Grade 60) (Epoxy Coated) 2,640 lbs.

Concrete Pavement (9" Unif.)(AE) 47.8 Sq. Yds.

__°SKEW

Bar No.	a	b	b_1	b_2	c	c_1	c_2	e	e_1	f
Size	#5	#5	#5	#5	#5		#5	#6	#4	#6
Length								3'-0"	3'-0"	

Reinforcing Steel (Grade 60) (Epoxy Coated) lbs.

Concrete Pavement (__" Unif.)(AE) Sq. Yds.

Note: Quantities listed for one approach slab only. Two required per bridge. Reinforcing steel and joint lengths shown for information only.

NO.	DATE	REVISIONS	BY	APP'D
9	9-09-09	Revised Reinforcing Steel Rating	S.W.K.	J.O.B.
8	5-14-09	Revised General Note	S.W.K.	J.O.B.
7	10-30-08	Added guardrail post detail at curb	S.W.K.	J.O.B.
6	11-07-07	Revised pavement slope to percent	S.W.K.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

CONCRETE BRIDGE APPROACH PAVEMENT ADJACENT TO ASPHALT SURFACE

RD715

FHWA APPROVAL	6-9-09	APP'D. James C. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED Bowser
DESIGN CK.	DETAIL CK.	QUANTITIES	TRACE CK. King

16 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

SUMMARY OF BRIDGE QUANTITIES

Item / Location	Excavation	Concrete		Reinforcing Steel		Prestressed Concrete Beams	Piles (Steel) (HP 12x53)	Bridge Backwall Prot. System	Abutment Aggregate Drain	Slope Protection (Riprap Stone)	Drilled Shaft (48") (Cased)	Sonic Test (Drilled Shaft) (Set Price)	Core Hole (Investigative)	Removal of Existing Structures	Cast Steel Pile Points	Pre-drilled Pile Holes
	Class I Cu. Yds.	(Grade 4.0) (AE) Cu. Yds.	(Grade 4.0) (AE)(SA) Cu. Yds.	(Grade 60) (Epoxy Coated) Lbs.	(Grade 60) Lbs.	(NU35)	Lin. Ft.	Sq. Yds.	Cu. Yds.	Tons	Lin. Ft.	Each	Lin. Ft.	Lump Sum	Each	Lin. Ft.
Abutment No. 1	100	21.0	**	**	1,520		138.0	45	36	595					6	
Pier No. 1		47.5			9,750						38.0	2	25.0			
Pier No. 2		47.9			10,180						44.0	2	56.0			
Abutment No. 2	105	21.1	**	**	1,520		72.0	45	36	558					6	60
Substr. Total	212	137.5			22,970***							4	81.0		12	60
Superstr. Total			304.1	80,510		874.0										
Total	212	137.5	304.1	80,510	22,970	874.0	† 210.0	90	72	1153	82.0	4	81.0	1	12	60

** Quantities are included in the Superstructure Total Quantity.

*** Drilled Shaft Reinf. = 7,810 lbs. included in Substructure total but paid for in bid item "Drilled Shaft (48")(Cased)

†Summary of Piling
Abutment No. 1 — 6 @ 23 ft
Abutment No. 2 — 6 @ 12 ft

GENERAL NOTES

EXISTING STRUCTURE: Plans of the existing structure, Geology Reports, drill logs and core samples are on file and available for inspection by qualified bidders at the Riley County Office, 110 Courthouse Plaza, Manhattan, KS.

EMBANKMENT: Complete the embankment at the abutments as shown on the Bridge Excavation sheet prior to driving the abutment piling.

BRIDGE EXCAVATION: See the Bridge Excavation sheet for the limits of pay excavation.

BACKFILL COMPACTION: Backfill compaction shall be required at abutments.

PILING: Drive all piling to penetrate or bear upon the limestone or shale formation. Driving shall stop when in the opinion of the Engineer additional driving may damage the piling. Drive all piling to the Pile Driving Formula Load of:

Abutment No. 1	205 Tons
Abutment No. 2	188 Tons

As a minimum drive each pile to the load and penetration, but in no case shall the pile be driven to more than 110% of Pile Driving Formula Driving Load. At any location where problems are experienced, pile damage is suspected, or the Pile Driving Formula Load occurs significantly before the anticipated length, the Engineer may request that the Pile Driving Analyzer (PDA) equipment be used.

CONCRETE: Superstructure concrete is bid as Concrete (Grade 4.0)(AE)(SA). Substructure concrete is bid as Concrete (Grade 4.0)(AE). If desired, the Contractor may use Concrete (Grade 4.0) in the footings and in the abutments below the construction joint. Bevel all exposed edges of all concrete with a ¾" triangular molding, except where noted on the plans. Construction joints are optional, but if used, place only at locations shown, or at locations approved by the Engineer.

REINFORCING STEEL: All reinforcing steel dimensions are to the centerline of bars unless otherwise noted. All reinforcing steel, except the spiral bars, shall conform to the requirements of ASTM A615, Grade 60. Spiral bars may meet the requirements of either ASTM A615 (Gr. 40 or 60) or A82, and are included in the bid item "Reinforcing Steel (Gr. 60)".

Where non-coated bars come in contact with epoxy coated bars, they need not be coated.

CAMBER: Construct the finished deck to plan grade by varying the depth of the fillet over the beam to provide for prestress camber, concrete dead load deflection and, if necessary, vertical curvature. After the prestressed beams are erected measure the camber in the field by taking a profile of each beam. Correct any variation between the actual camber and concrete dead load deflection shown in the plans by varying the depth of the concrete fillets over the beam so that the finished floor is constructed to the theoretical grade. The minimum depth of the slab over the beam shall be 8½ inches. Prior to shipping, the camber, shall be no greater than the design camber 1½". The design camber is equal to the 50 day camber shown in the plans.

The theoretical amount of concrete required for the fillets is 30.0 Cu. Yds. This amount of concrete is included in the Summary of Quantities. Any additional concrete required to construct the fillets will be subsidiary.

PRESTRESSED BEAM CONCRETE: Use air entrained concrete with select course aggregate as specified in the KDOT Specifications. The release strength and 28 day strength requirements shall be as noted on the plans. Submit mix designs to the Engineer for approval.

PRE-DRILLING: Steel piles at Abutment No. 2 shall be pre-drilled to elevation 1124.00. The piles shall be set and driven to the computed bearing value shown. After driving the hole shall be backfilled with earth or suitable available material.

ERECTION ELEVATION CHECKS: After the abutment and pier concrete has cured and before setting any prestressed beams, present verification to the Engineer that the elevations at the bearings match plan elevation (± ½").

CONTRACTOR CONSTRUCTION STAKING: Contractor Construction Staking for clear span bridges requires two independent surveys. See KDOT Specifications.

ABUTMENT AGGREGATE DRAIN: See the General Notes on the "Abutment Aggregate Drain" sheet.

BRIDGE BACKWALL PROTECTION SYSTEM: See the General Notes on the "Abutment Aggregate Drain" sheet.

BROKEN CONCRETE: Waste the broken concrete from the existing bridge on sites provided by the Contractor and approved by the Engineer.

REMOVAL OF EXISTING STRUCTURE: Removal of existing structure is included in the bid item, "Removal of Existing Structures", Lump Sum. All materials removed from the existing structure shall become the property of the Contractor. Remove this material from the site.

DIMENSIONS: All dimensions shown on the design plans are horizontal dimensions unless otherwise noted. Make necessary allowances for roadway grade and cross slope.

CONCRETE PLACING SEQUENCE: The sequence of placing concrete in the slab and curbs shall be as shown, or the Contractor may submit an alternate placing sequence for review. Submit the alternate placing sequence to the Engineer at the Preconstruction Conference. Include the proposed rate of concrete placement in Cu. Yds./h, the plant capacity, placement direction, construction joint location, a description of the equipment used in placing the concrete, proposed admixtures, and the quantity of concrete in each placing segment. Any additional cost for the Contractor's alternate plan of placing concrete, including admixtures, shall be at the Contractor's expense and shall be considered subsidiary to the bid item, "Concrete (Grade 4.0)(AE)(SA)". Approval of the Contractor's alternate sequence is required prior to placement of concrete in the deck.

Place and hand vibrate all concrete for the pier diaphragms and the abutments above the construction joints to the bottom of the deck just prior to the normal paving train operations. Do this work in a manner to avoid a cold joint in either the abutments or in the diaphragms.

CONSTRUCTION LOADS: Limited traffic is permitted on the new sub-deck, one-course deck or any concrete overlay during the curing period; keep any exposed deck wet during the curing period. See KDOT Specifications Section 710 Tables 710-1 and 710-2 for additional information.

DEMOLITION PLANS Note: This is a Category A Demolition. Submit detailed Demolition Plans to the Field Engineer per KDOT Specifications. No Demolition work will begin without approved Demolition Plans. A Licensed Professional Engineer is not required.

ERECTION PLANS Note: This is a Category A Structure. Submit detailed Erection Plans to the Field Engineer per KDOT Specifications. A Licensed Professional Engineer is not required.

TEMPERATURE: The design temperature for all dimensions is 60°F.

QUANTITIES: Items not listed separately in the Summary of Quantities are subsidiary to other items in the proposal.

BRIDGE DECK TINING: Before the bridge deck has cured, transversely tine the deck with groove dimensions in accordance with KDOT Specifications Section 710.3f. Cost of bridge deck tining shall be subsidiary to other items.

SLOPE PROTECTION (RIPRAP): Place Slope Protection (Rip-Rap) to the limits and thicknesses shown on the plans or as directed by the Engineer. Use (Light 24") as described in KDOT Division 1100 placed to the limits shown on the plans.

BEARINGS (Elastomeric)(Method A): Bearing devices at abutments 1 and 2 and piers 1 and 2 shall be fabricated with an elastomer satisfying:

- Shore A Durometer Hardness of 60
- Low Temperature Grade 3 requirements
- Type A certification for elastomeric bearing device acceptance is required
- Include design method and all material properties on shop details.

DRILLED SHAFTS: Construct the drilled shafts using the cased method. A permanent casing is required. All excavation, concrete, reinforcing steel, pipes for Sonic Testing, casings, labor, and incidentals necessary to complete the shaft as shown on the details and as directed by KDOT Specifications shall be included in the bid item "Drilled Shafts (48")(Cased)." Use Grade 4.0 Concrete in the drilled shaft. In no case shall the bottom of the drilled shaft be placed higher than the elevation shown unless otherwise directed by the Engineer.

Drill an Investigative Core Hole at the location(s) shown on the plans. See KDOT Specifications.

If the location of the top of the shaft is such that the casing cannot be overtopped to remove concrete impurities, provide extra casing length to over-pour the concrete in the shaft and chip back to the plan elevation of the top of the shaft.

Sonic testing: Equip all drilled shafts with piping to allow sonic testing to be done. Install pipes at locations shown on the plans. All wet pours will be tested. Also, the Engineer has the option to require sonic, non-destructive, integrity testing at any location of concern. Sonic testing shall be paid for at the unit price set for "Sonic Test" (Drilled Shaft)(Set Price). If the sonic testing indicates defective concrete in the shaft the Engineer will measure the first sonic test for payment, and the Contractor is responsible for subsequent sonic testing of that shaft. Report test results directly to the Engineer. No work will be done above the top of drilled shaft without the approval of the Engineer.

COLUMN CONSTRUCTION: Cure the drilled shaft footing as required by the KDOT Specifications before beginning the column construction (placing resteel or formwork). Do not place cast in place shear bolts, coil inserts or other devices used as falsework support in the column without the approval of the Engineer. Do not remove the column formwork without the approval of the Engineer. Curing shall continue after the formwork is removed as required by the KDOT Specifications.

PIER BEAM CONSTRUCTION: Cure the columns as required by the KDOT Specifications before beginning the pier beam construction (placing resteel or formwork). Do not drill and grout bolts or other devices into the columns used for falsework support unless shown on plans. Cure the columns as required by the KDOT Specifications before placing pier beam concrete. Do not remove falsework used to support the pier beam until the pier beam concrete has cured as required by the KDOT Specifications. Do not set girders or beams on the pier beam until after the falsework is removed or the pier beam concrete has 0.75f'c strength as tested.

TEMPORARY DIAPHRAGMS: Use ASTM A709 Gr. 36 steel for all angles and bent plates for temporary diaphragms. All bolts, nuts, and washers for fasteners shall conform to the heavy hex structural requirements of ASTM A325, type I. Use hardened steel washers over any oversized holes. Use 5/16" plate washers over any slotted holes along with hardened washers under the turned elements. Use the turn-of-the-nut tightening method. DTI's are not required. Install the temporary diaphragms, as shown in the details, prior to placing any superstructure concrete. Leave the temporary diaphragms in place until the deck has cured. Remove the angles from the girders and fill the holes in the

TRAFFIC DATA

AADT (2035)	100
AADT (2035)	150
DHV	11%
D	60%
T	4%

TEMPORARY DIAPHRAGMS (CONTINUED): prestressed beams with an approved epoxy grout. The bent plate diaphragms, angles, nuts, bolts, and washers shall remain the property of the Contractor. Submit shop drawings of the temporary diaphragms according to Section 105 of the Standard Specifications to the Engineer for review and approval. The material, equipment, and labor necessary for the installation and removal of the temporary diaphragms, including filling the bolt holes, shall not be paid for directly, but shall be subsidiary to the bid item "Prestressed Concrete Beams".

GOVERNMENT BENCHMARKS: If possible preserve any National Geodetic Survey bench marks that are located on the project. When preserved go to: http://www.ngs.noaa.gov under Survey Mark Datasheets and submit condition report. If is not possible to preserve the bench marks go to http://www.ngs.noaa.gov under Survey Mark Datasheets and submit destroyed report.

CAUSEWAY: If the Contractor chooses to build a causeway for bridge construction purposes, the Contractor shall obtain any required U.S. Army Corps of Engineers Section 404 Permit, Kansas State Board of Agriculture Permit, Kansas Department of Health and Environment Section 401 Permit, Kansas Department of Wildlife Parks, and Tourism Permit, or any other permit required by law for causeway construction. Obtain the permit in a timely manner so as not to delay the completion of the project.

DESIGN DATA

DESIGN SPECIFICATIONS:
AASHTO Specifications, 2012 Edition and latest Interim Specifications. Load and Resistance Factor Design

DESIGN LOADING:
HL-93

Design Dead Load includes an allowance of 15 psf for a future wearing surface.

UNIT STRESSES:

Concrete (Grade 4.0)	f'c =	4,000 psi
Concrete (Grade 4.0)(AE)	f'c =	4,000 psi
Concrete (Grade 4.0)(AE)(SA)	f'c =	4,000 psi
Prestressed Beam Concrete	(See Prestressed Beam Detail Sheets)	
Reinforcing Steel (Grade 60)	fy =	60 ksi
Steel Pile	fy =	50 ksi
Prestressed Strand	0.6"ø Grade 270 uncoated 7-wire, low relaxation strand.	

LRFD DESIGN PILE LOAD:

Design Loading (Tons/Pile)	Strength	Service	Phi
Abutment No. 1	82	59	0.4
Abutment No. 2	75	54	0.4

LFD & LRFR RATING FACTORS

Truck / Rating Level	Inventory	Operating
HS-20 (36T)	1.56	3.10
Type HET (110T)		N/A
2002 LFD Rating, 17th Edition AASHTO		
HL-93 Loading	1.10	2.09
2011 Manual for Bridge Evaluation (2014 Interim)		

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INDEX OF BRIDGE DRAWINGS

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17	General Notes and Quantities
18	Contour Map
19	Construction Layout
##	Engineering Geology
21-22	Abutment Details
23	Abutments Aggregate Drain and Slope Protection
24-25	Pier Details
26-27	Standard Prestressed Beam Details
28	Framing Plan
29	Diaphragm at Piers
##-##	Slab Details
##	Corral Rail
33	Bill of Reinforcing
	Standards
##	Bridge Excavation
35	Standard Pile Details
36	Supports and Spacers for Reinforcing Steel

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GENERAL NOTES AND QUANTITIES
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West

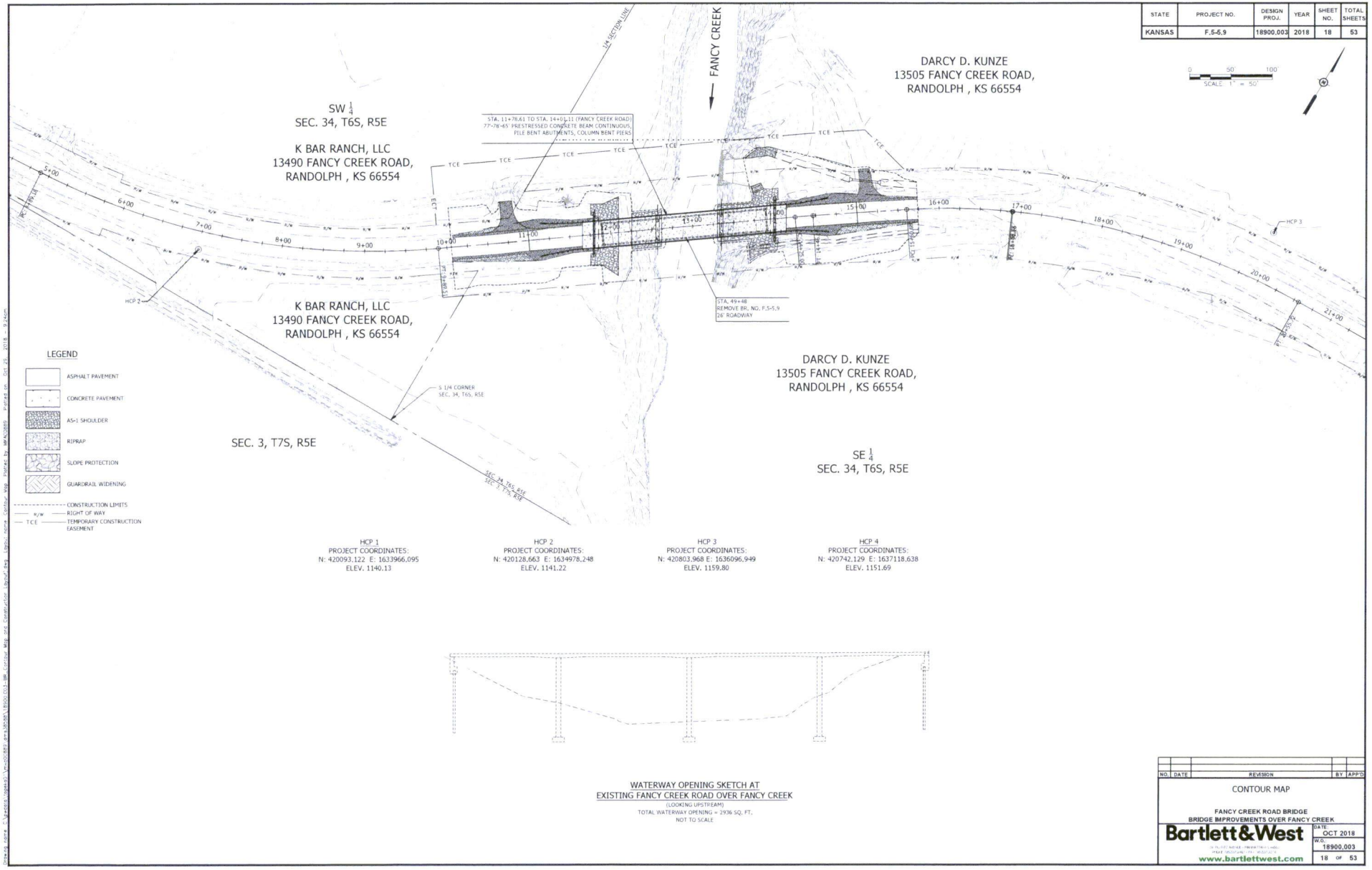
DATE OCT 2018
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Exhibit A-2

Drawing Name: E:\Projects\Projects\Kansas\18900.003\Bridge\18900.003_BR_General Notes and Quantities.dwg Layout name: GENERAL NOTES Plotted by: MYADDES Plotted on: Oct 29, 2018 - 10:03am

DACW41-3-22-0061

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HCP 1
PROJECT COORDINATES:
N: 420093.122 E: 1633966.095
ELEV. 1140.13

HCP 2
PROJECT COORDINATES:
N: 420128.663 E: 1634978.248
ELEV. 1141.22

HCP 3
PROJECT COORDINATES:
N: 420803.968 E: 1636096.949
ELEV. 1159.80

HCP 4
PROJECT COORDINATES:
N: 420742.129 E: 1637118.638
ELEV. 1151.69

WATERWAY OPENING SKETCH AT
EXISTING FANCY CREEK ROAD OVER FANCY CREEK
(LOOKING UPSTREAM)
TOTAL WATERWAY OPENING = 2936 SQ. FT.
NOT TO SCALE

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CONTOUR MAP

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

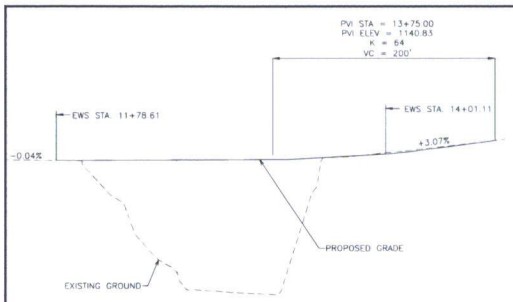
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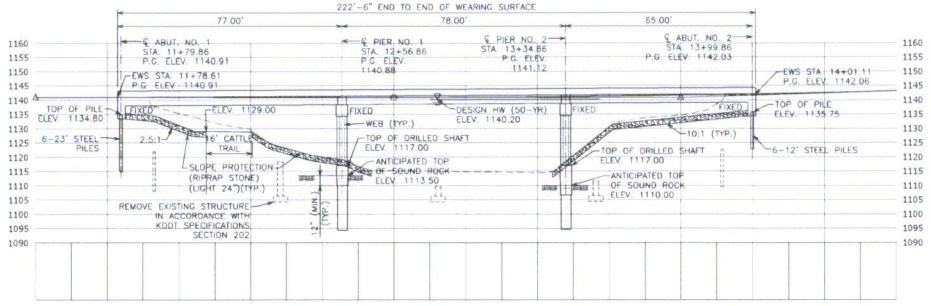
Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

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PROPOSED PROFILE GRADE AT ℄ ROADWAY



GENERAL ELEVATION

77'-78'-65' PRESTRESSED CONCRETE BEAM CONTINUOUS SPANS (PBMC)
PILE BENT ABUTMENTS AND COLUMN BENT PIERS WITH WEBWALLS

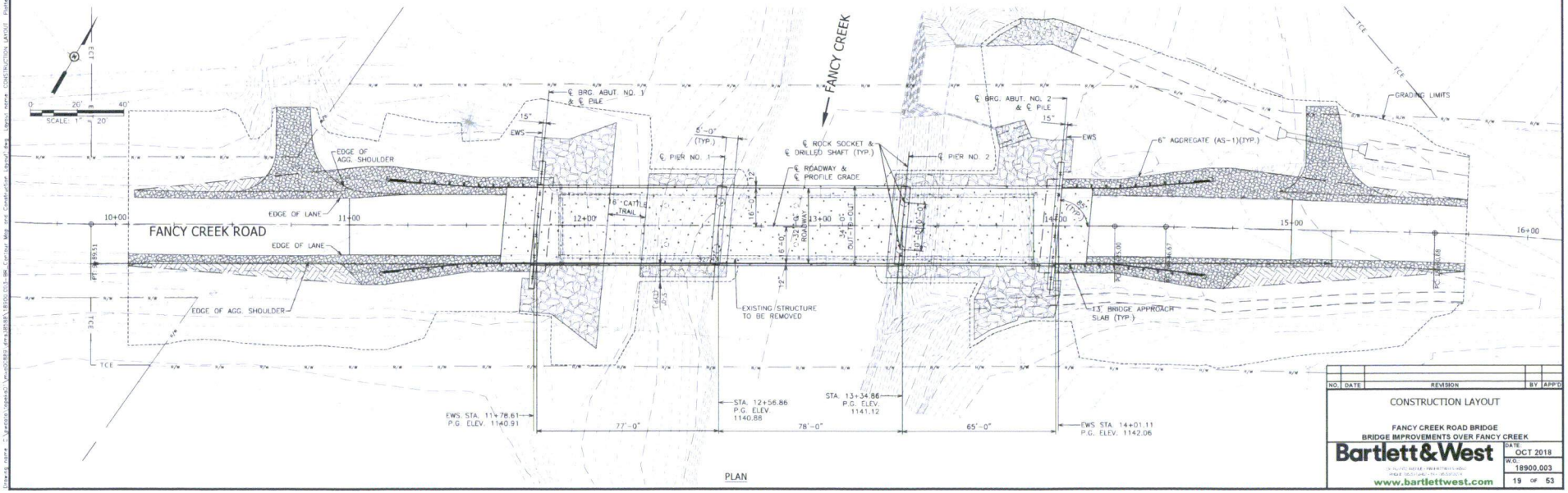
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FANCY CREEK
DRAINAGE DATA

Drainage Area	147.0 Sq. Mi.
Design Frequency	50 YEARS
Design Discharge (Q50)	28,000 CFS
Design High Water Elevation	1140.20 FT.
Change in Design Backwater	-0.30 FT.
Design Backwater Elevation	1140.50 FT.
Overtopping Elevation (Sta. 10+00)	1142.00 FT.
Overtopping Discharge	36,000 CFS
Overtopping Frequency	100-YR
Discharge at Q100	36,000 CFS
Change in Backwater at Q100	-0.40 FT.
Backwater Elevation at Q100	1141.60 FT.
Historic High Water Elevation*	1136.0
Ordinary High Water Elevation*	1112.5
Total Waterway Provided	3153.00 SQ. FT.
Design Waterway Provided	2983.00 SQ. FT.
Estimated Ordinary High Water Discharge	1500 CFS

* From Existing Plans



PLAN

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CONSTRUCTION LAYOUT

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

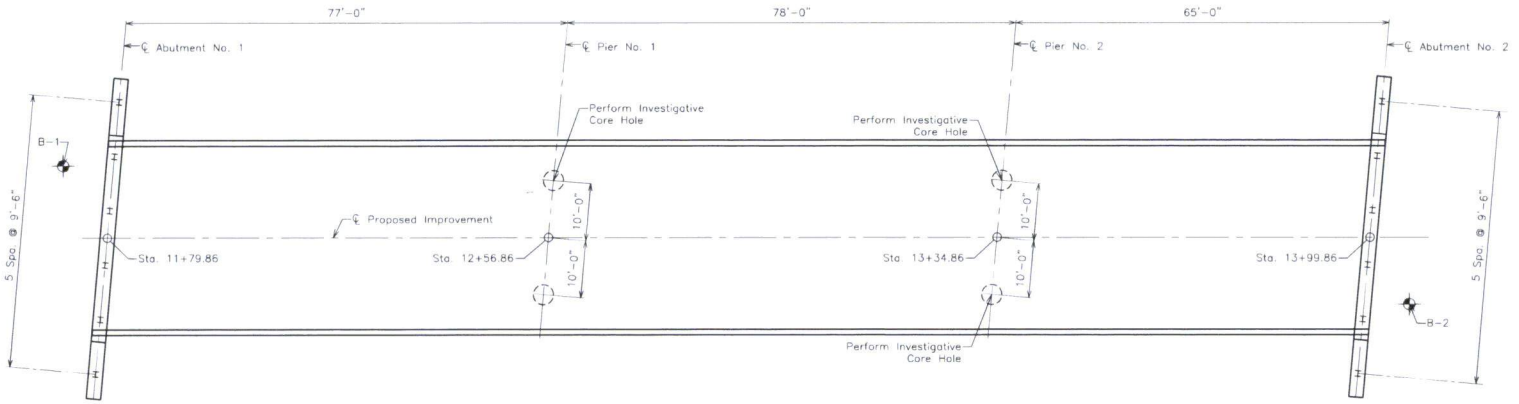
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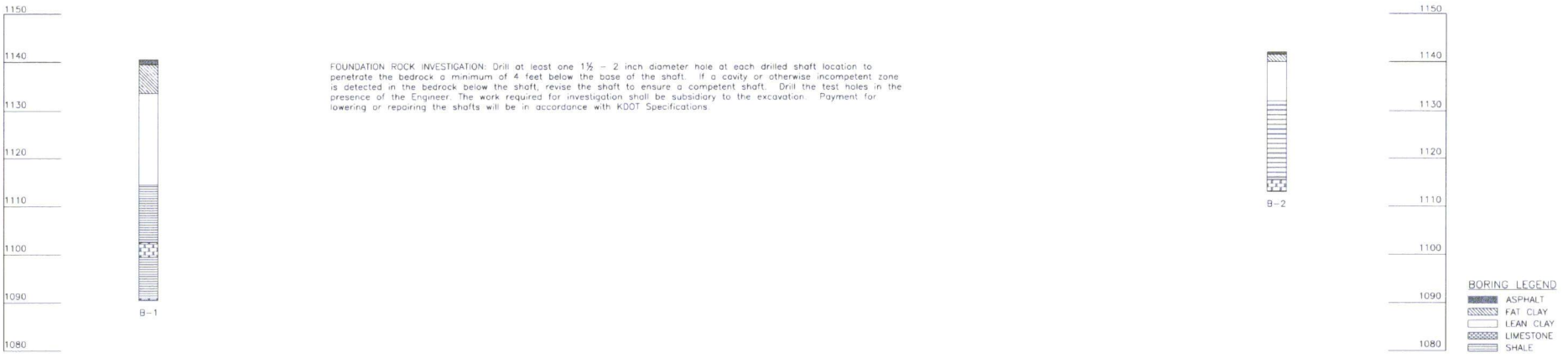
Exhibit A-2

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FOOTING LAYOUT



FOUNDATION ROCK INVESTIGATION: Drill at least one 1½ – 2 inch diameter hole at each drilled shaft location to penetrate the bedrock a minimum of 4 feet below the base of the shaft. If a cavity or otherwise incompetent zone is detected in the bedrock below the shaft, revise the shaft to ensure a competent shaft. Drill the test holes in the presence of the Engineer. The work required for investigation shall be subsidiary to the excavation. Payment for lowering or repairing the shafts will be in accordance with KDOT Specifications.

GEOLOGICAL DIAGRAM

NO.	DATE	REVISION	BY	APP'D

ENGINEERING GEOLOGY

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

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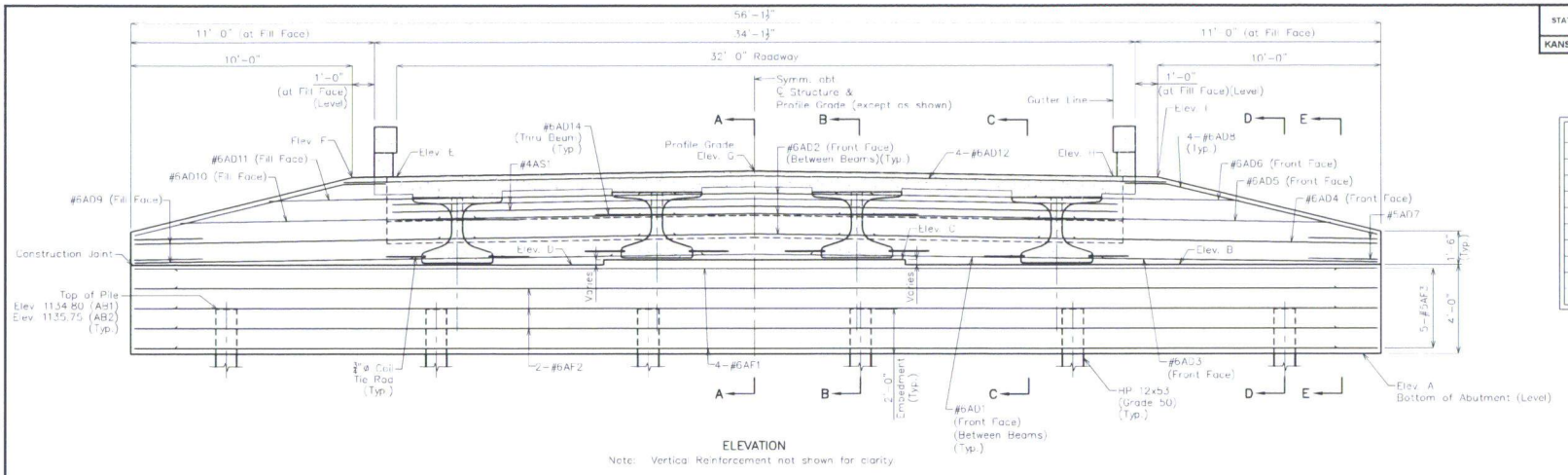
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Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

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STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	21	53

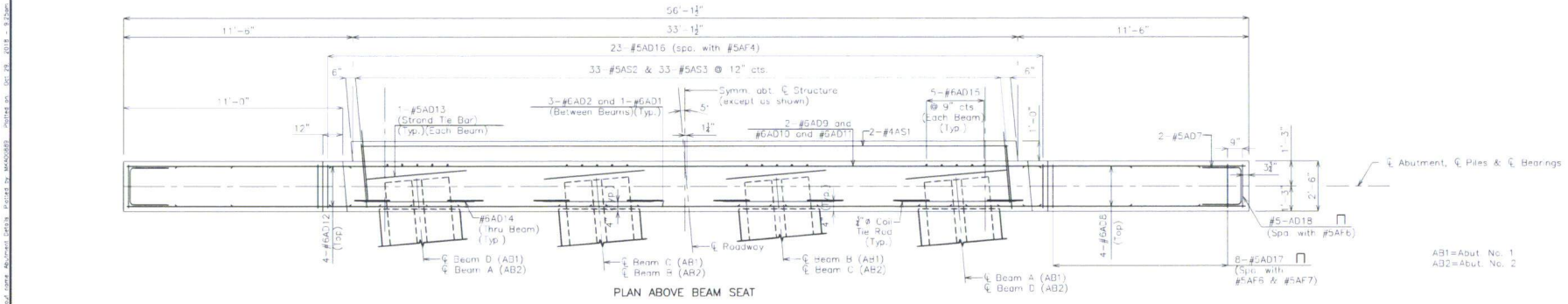


ELEVATION

Note: Vertical Reinforcement not shown for clarity.

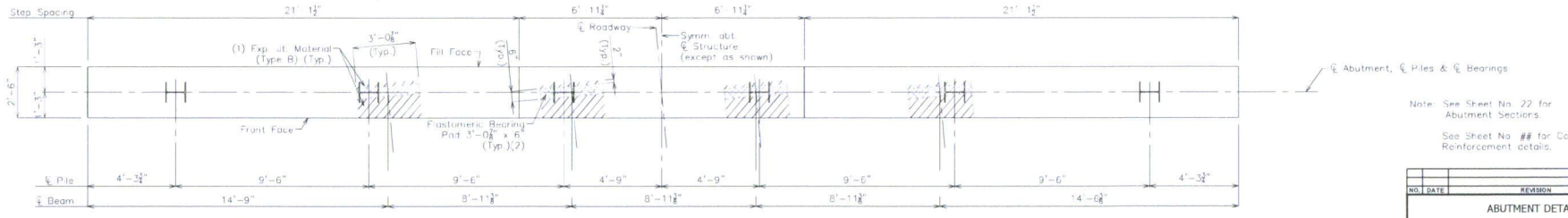
Table of Elevations		
Location	Abutment No. 1	Abutment No. 2
Elev. A	1132.80	1133.75
Elev. B	1136.80	1137.75
Elev. C	1136.93	1137.90
Elev. D	1136.80	1137.79
*Elev. E	1140.65	1141.82
Elev. F	1140.64	1141.82
*Elev. G	1140.91	1142.06
*Elev. H	1140.65	1141.77
Elev. I	1140.64	1141.76

*Elev. @ EWS



PLAN ABOVE BEAM SEAT

AB1=Abut. No. 1
AB2=Abut. No. 2



(1) Fill area between beam seat and beam with Expansion Joint Filler (Type B)
(2) Plain ¾" Pad at AB1 and Tapered Pad at AB2

PLAN BELOW BEAM SEAT SHOWING BEARINGS AND DIMENSIONS

Note: See Sheet No. 22 for Abutment Sections.

See Sheet No. ## for Corral Rail Reinforcement details.

Note: This drawing is not to scale, follow dimensions.

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ABUTMENT DETAILS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

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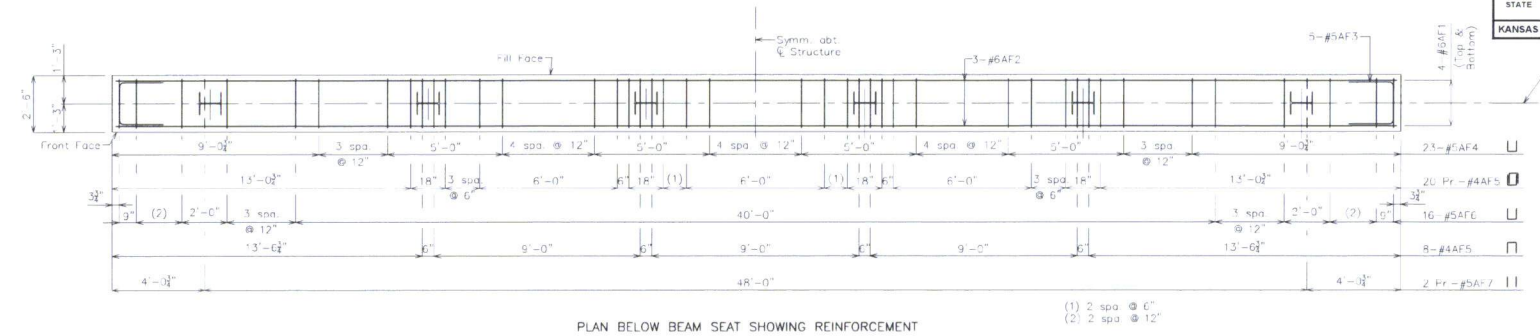
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Exhibit A-2

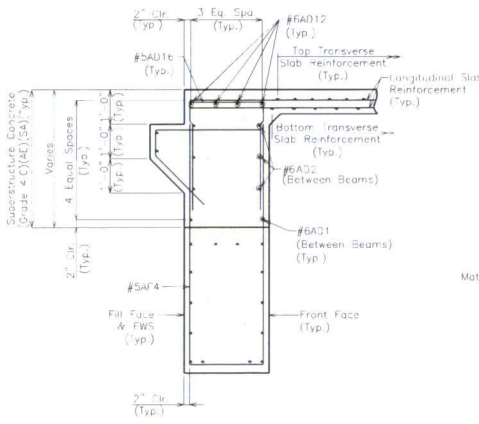
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

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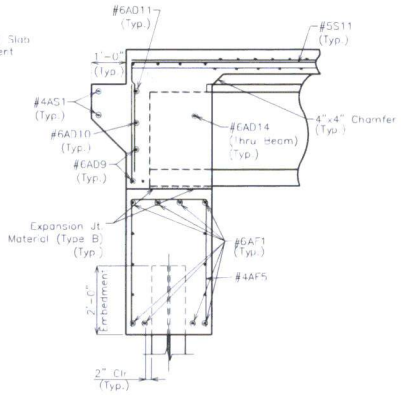
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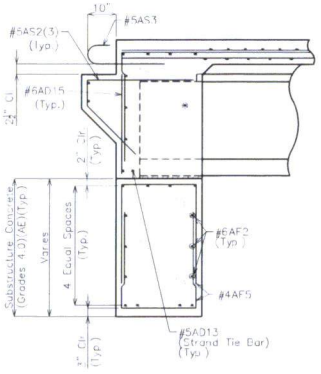
PLAN BELOW BEAM SEAT SHOWING REINFORCEMENT



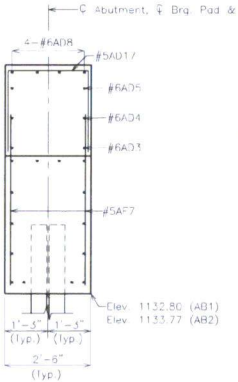
SECTION A–A



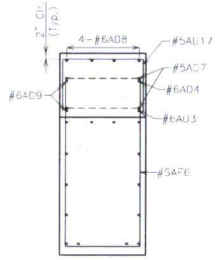
SECTION B–B



SECTION C–C

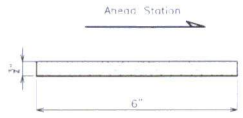


SECTION D–D
(Thru Wing Pile)

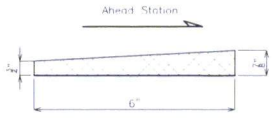


SECTION E–E

(3) Adjust bar to keep 2" Clr. from beam as needed.



TYPICAL SECTION THRU 6"x3'-0 7/8"
PLAIN NEOPRENE BEARING PAD (AB1 Only)



TYPICAL SECTION THRU 6"x3'-0 7/8"
PLAIN NEOPRENE BEARING PAD (TAPERED) (AB2 Only)

Note: This drawing is not to scale, follow dimensions.

Note: See Sheet No. 21 for Abutment Details

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ABUTMENT SECTIONS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

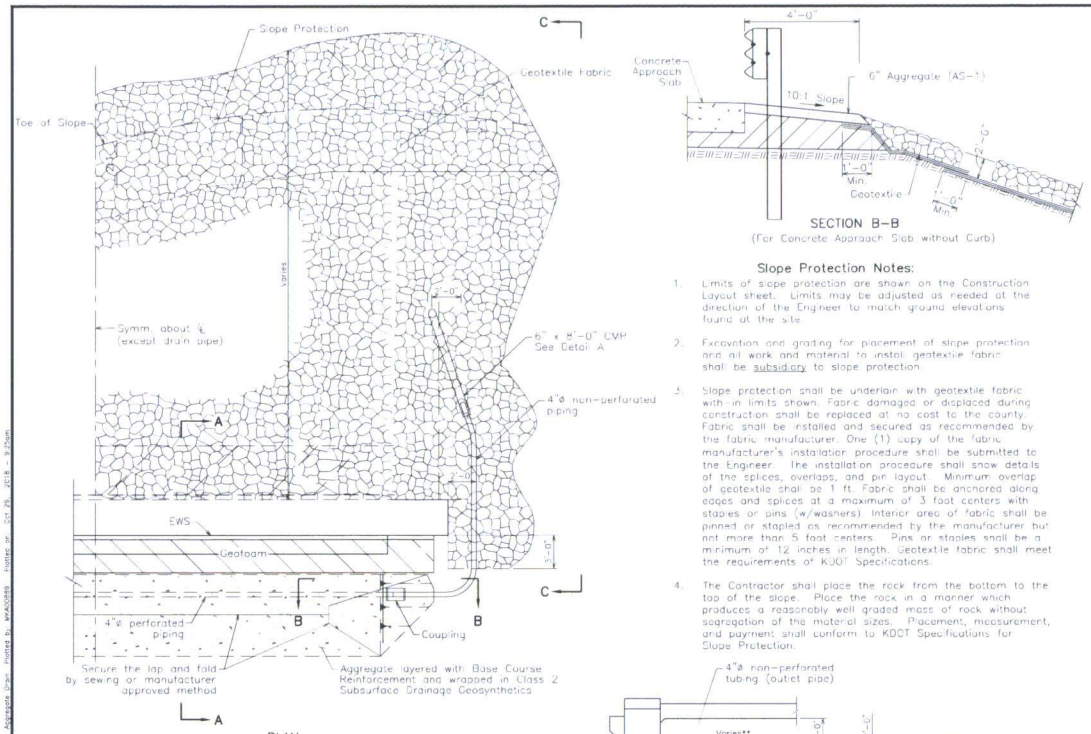
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Exhibit A-2

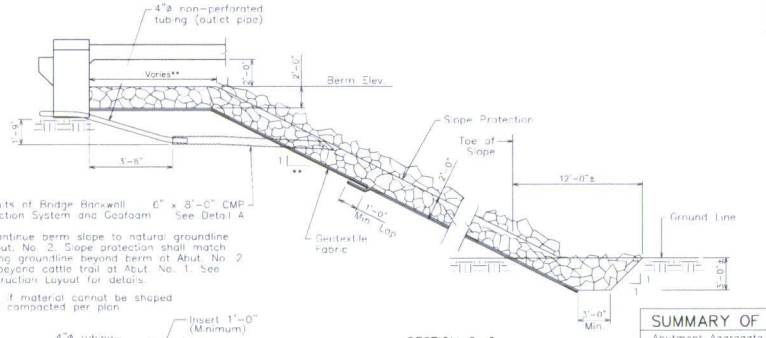
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

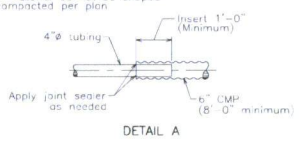
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Slope Protection Notes:

1. Limits of slope protection are shown on the Construction Layout sheet. Limits may be adjusted as needed at the direction of the Engineer to match ground elevations found at the site.
2. Excavation and grading for placement of slope protection and all work and material to install geotextile fabric shall be subsidiary to slope protection.
3. Slope protection shall be underlain with geotextile fabric with-in limits shown. Fabric damaged or displaced during construction shall be replaced at no cost to the county. Fabric shall be installed and secured as recommended by the fabric manufacturer. One (1) copy of the fabric manufacturer's installation procedure shall be submitted to the Engineer. The installation procedure shall show details of the splices, overlaps, and pin layout. Minimum overlap of geotextile shall be 1 ft. Fabric shall be anchored along edges and splices at a maximum of 3 foot centers with staples or pins (w/washers). Interior area of fabric shall be pinned or stapled as recommended by the manufacturer but not more than 5 foot centers. Pins or staples shall be a minimum of 12 inches in length. Geotextile fabric shall meet the requirements of KDOT Specifications.
4. The Contractor shall place the rock from the bottom to the top of the slope. Place the rock in a manner which produces a reasonably well graded mass of rock without segregation of the material sizes. Placement, measurement, and payment shall conform to KDOT Specifications for Slope Protection.





Note: Place the CMP flowline 1'-0" above ditch flowline, toe of sideslope, or as shown on the Construction Layout. For stream crossings place outlet on downstream side of bridge.

Note: This drawing is not to scale. Follow dimensions.

GENERAL NOTES

GEOSYNTHETICS: Use material that complies with KDOT Specification Section 1710 Class 2 subsurface drainage fabric. Place the Class2 subsurface drainage fabric on graded and compacted material shaped as shown. Allow for enough material so that the top can be overlapped and the end folded to completely enclose the aggregate drain. Place the perforated drain pipe and couple to non-perforated pipe as shown. Allow the non-perforated pipe to pass through a hole carefully cut in fabric. Place aggregate within fabric to just leave the top of the pipe visible. Verify the slope of the pipe, that it is not damaged or displaced and that the couplers are firmly coupled. Continue to back fill to the elevation and shape shown. Lap the top of the fabric a minimum of 3'-0", fold and wrap the ends to enclose the drainage materials. Secure the fold and wraps by sewing or approved methods.

AGGREGATE: Use aggregates that complies with KDOT Specifications for SB-1 or SB-2.

BASE COURSE REINFORCEMENT: Use "Base Course Reinforcement" that complies with KDOT Specification Division 1700 or aproved material. Place this material in uniform layers without gaps or sags per the manufacturer's recommendations.

GEOFOAM: Use "Geofoam" that complies with ASTM D6817 EPS 12 Acceptance according to Type "C" certification. Bond this material to the back wall protection using materials recommended by the manufacturer.

GEOTEXTILE FABRIC: Use "Geotextile Fabric" that conforms with KDOT Specification 1710 and found on the Prequalified Materials List.

SOIL CAP: The soil will have a Unified Soil Classificaiton of CL or ML according to ASTM D2487. Compact to Type A, MR-90.

PIPE: Place perforated pipe within the limits and use non-perforated pipe outside the limits of the Abutment Aggregate Drain.

ABUTMENT AGGREGATE DRAIN: The Bridge Contractor shall excavate to the limits shown on the Bridge Excavation Sheet. Backfill, compact and grade the cohesive soil to the limits shown. Place the bridge backwall protection, geofoam, geotextile, perforated pipe, alternating layers of aggregate and base course reinforcement as shown. Place the outlet pipe, the CMP, and the backfill. Guide post and coarse aggregate are subsidiary to this bid item. Guide post and coarse aggregate are not required if the CMP empties onto Slope Protection. Enclose the entire Abutment Aggregate Drain with the geotextile.

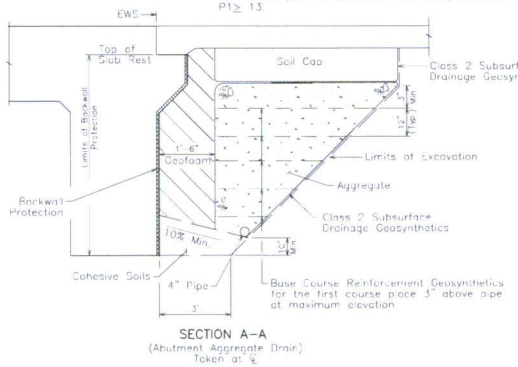
BRIDGE BACKWALL PROTECTION SYSTEM: Apply a non-coal-tar Bridge Backwall Protective System to the approach side of the abutments and the wings in accordance with KDOT Specifications and the manufacturer's recommendations. Cover the abutments and wings to the limits shown on the details, not including pavement rest. Prior to backfilling, repair any damage done to the system at no charge.

Compact the abutment backfill. See the KDOT Specifications.

Perforated pipe and non-perforated outlet pipe shall be corrugated polyethylene tubing conforming to the KDOT Specifications.

Fit the CMP end section with ¼" galvanized mesh screen to prevent the entrance of rodents. Seal the joint between the outlet pipe and the end section with a joint sealer. Place Coarse aggregate at the outlet end as shown.

COHESIVE SOILS: Grade the bottom surface of the excavated area to drain as shown. Backfill this area with a cohesive type of soil. The soil will have a Unified Soil Classification of C_L, CH, ML or MH according to ASTM D2487, Classification System with a minimum plasticity index of 13. Compact the material to Type A, MR-90 specifications. If the plasticity index cannot be met add and mix Bentonite, to the soil prior to placement and compaction so that the PI ≥ 13.



SUMMARY OF QUANTITIES (2 Abutments)

Abutment Aggregate Drain	72 Cu. Yds.
Bridge Backwall Protection System	90 Sq. Yds.
Items subsidiary to Abutment Aggregate Drain	
4"ø Perforated Pipe	108 Lin. Ft.
4"ø Outlet Pipe	55 Lin. Ft.
6"ø CMP	16 Lin. Ft.
Guide Post	0 Each
Soil Cap	18 Cu. Yds.
Geosynthetics (Class 2 Subsurface Drainage)	570 Sq. Yds.
Geosynthetics (Base Course Reinforcement)	206 Sq. Yds.
Geofoam	50 Cu. Yds.
Items subsidiary to Slope Protection	
Geotextile Fabric	864 Sq. Yds.

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ABUTMENT AGGREGATE DRAIN AND SLOPE PROTECTION
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

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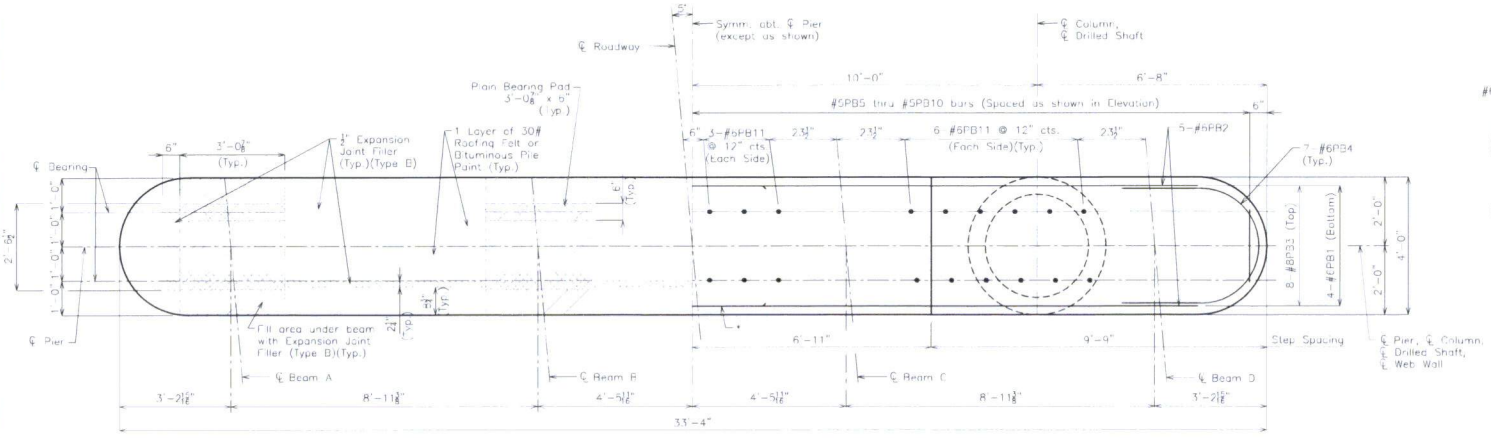
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Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

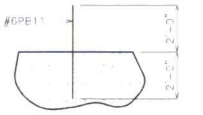
DACW41-3-22-0061

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KANSAS	F.5-6.9	18900.003	2018	24	53

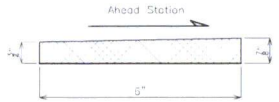


PLAN

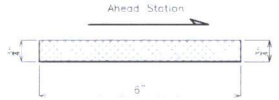
* Lap #8PB3 bars 4'-1" (Min.)



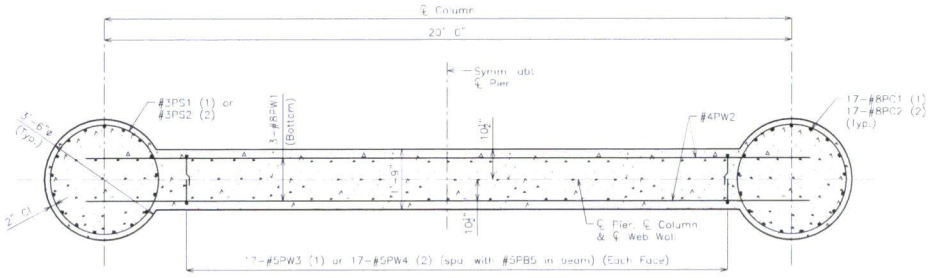
DETAIL OF DOWEL



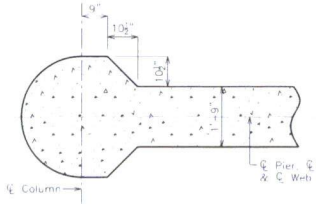
TYPICAL SECTION THRU 6" x 3'-0⅞" PLAIN NEOPRENE BEARING PAD (TAPERED)
Pier No. 2 – Right Bearing Only



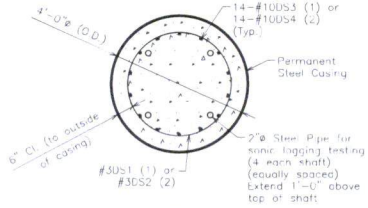
TYPICAL SECTION THRU 6" x 3'-0⅞" PLAIN NEOPRENE BEARING PAD
Pier No. 1 and Pier No. 2 – Left Bearing Only



SECTION A-A

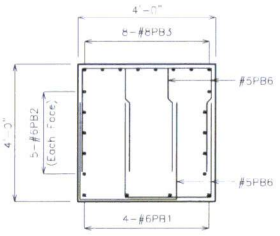


OPTIONAL PART SECTION A-A

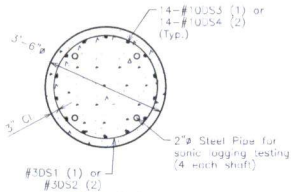


SECTION B-B

(1) Pier No. 1
(2) Pier No. 2



SECTION F-F



SECTION C-C

Notes:

For additional details, see Sheet No. 25.

At the contractor's option, the details shown in Optional Part Section A-A may be used for column-web beam at the piers. No additional payment will be made for this substitution.

Note: This drawing is not to scale, follow dimensions.

NO.	DATE	REVISION	BY	APP'D

PEIR DETAILS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

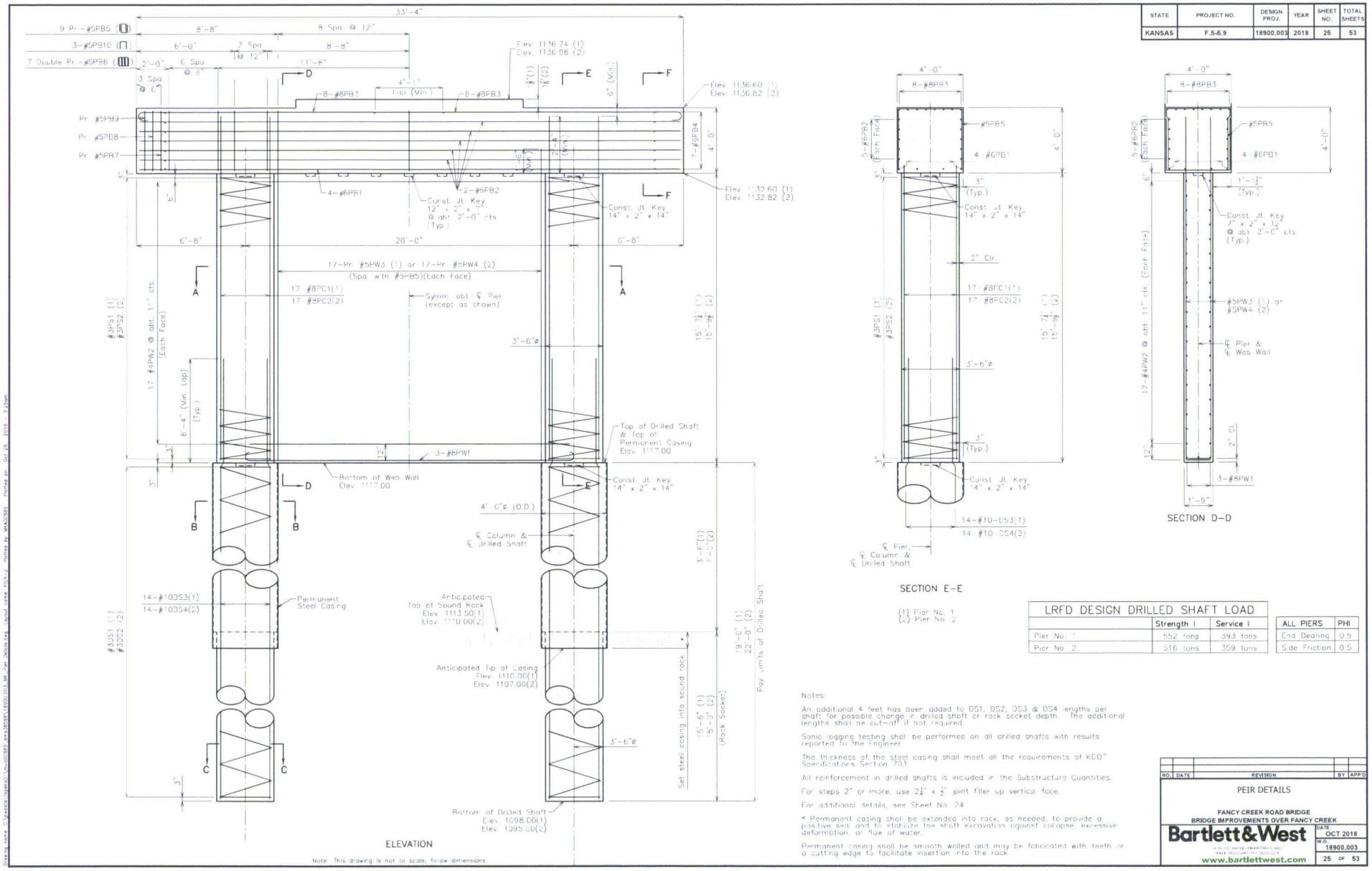
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LRFD DESIGN DRILLED SHAFT LOAD

	Strength I	Service I
Pier No. 1	552 tons	393 tons
Pier No. 2	516 tons	359 tons

ALL PIERS	PHI
End Bearing	0.5
Side Friction	0.5

Notes:

An additional 4 feet has been added to DS1, DS2, DS3 & DS4 lengths per shaft for possible change in drilled shaft or rock socket depth. The additional lengths shall be cut-off if not required.

Sonic logging testing shall be performed on all drilled shafts with results reported to the Engineer.

The thickness of the steel casing shall meet all the requirements of KDOT Specifications Section 703.

All reinforcement in drilled shafts is included in the Substructure Quantities.

For steps 2" or more, use 2½" x ½" joint filler up vertical face.

For additional details, see Sheet No. 24.

* Permanent casing shall be extended into rock, as needed, to provide a positive seal and to stabilize the shaft excavation against collapse, excessive deformation, or flow of water.

Permanent casing shall be smooth walled and may be fabricated with teeth or a cutting edge to facilitate insertion into the rock.

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PEIR DETAILS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

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Exhibit A-2

Concrete for prestressed beams shall be f'c = 8000 psi and f'ci = 6500 psi.

(+) indicates prestressing strand.

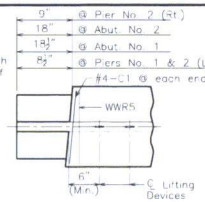
Use 28 strands with an initial prestress force of 1230 kips.

Prestressing tendons shall be uncoated, seven-wire, low-relaxation strands, 0.6 inch diameter in accordance with ASTM416, Grade 270. Pretensioned members shall be in accordance with KDOT specifications.

Apply an initial force of 1000 to 3000 pounds to each strand to take up any slack in the cables. Apply a force of 43.94 kips to each strand. Stress harped strands to a magnitude such that they are tensioned to 43.94 kips after they are in position.

Fabricator shall be responsible for location and design of lifting devices.

** At the contractor's option the location for bent-up strands may be varied from that shown for fully bonded strands only. The total number of bent-up strands shall not be changed. One strand tie bar is required for each layer of bent-up strands except at end bents which require one bar on the bottom layer of strands only. No additional payment will be made if additional strand tie bars are required.

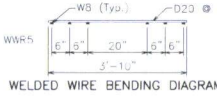


TOP FLANGE BLOCKOUT DETAIL

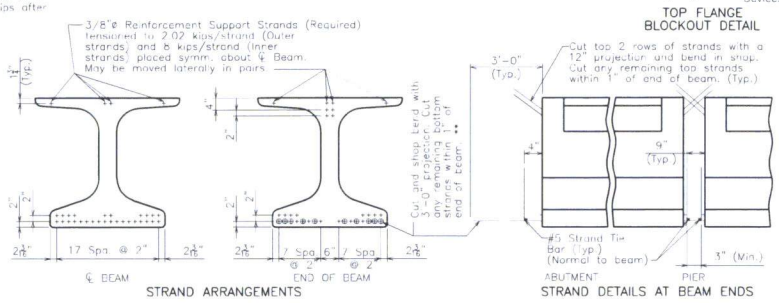
BILL OF REINFORCING STEEL - EACH BEAM

	NO.	SIZE & MARK	ACTUAL LENGTH	SHAPE	BENDING DIAGRAM
SPANS 1 & 2	142	5 B1	4'-4"	11	
	16	6 B2	3'-8"	11	
	2	4 C1	3'-10"	20	
	158	4 D1	4'-0"	9	
SPAN 3	110	5 B1	4'-4"	11	
	16	6 B2	3'-8"	11	
	2	4 C1	3'-10"	20	
	126	4 D1	4'-0"	9	

SHAPE 20 · SHAPE 9 · SHAPE 11

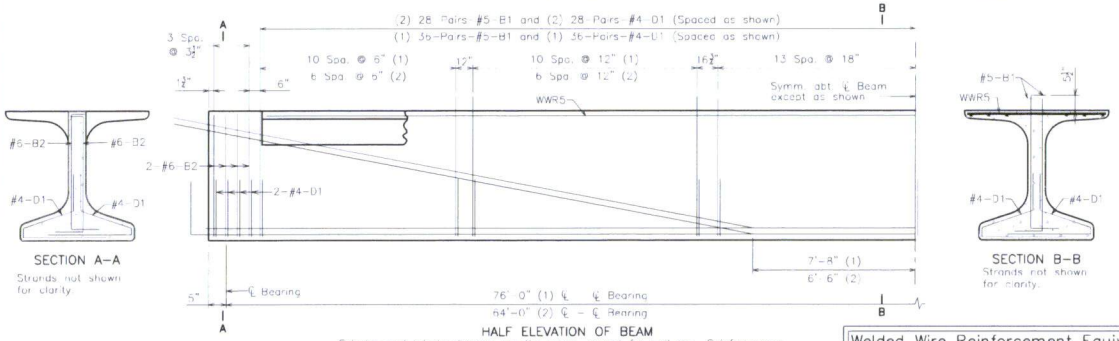


WELDED WIRE BENDING DIAGRAM



STRAND ARRANGEMENTS

STRAND DETAILS AT BEAM ENDS



SECTION A-A
Strands not shown for clarity.

SECTION B-B
Strands not shown for clarity.

HALF ELEVATION OF BEAM

(1) Spans 1 & 2
(2) Span 3

Exterior and interior beams are the same, except for coil ties. Reinforcement support strands not shown for clarity.

Note: During transportation and construction only, support beams on bearing points a maximum of 6'-10" from the beam end. The fabricator shall show the proposed support locations on the shop drawings.

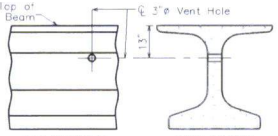
The hold down force for Spans 1 & 2 at harp points for 4 strands is 3.3 kips per strand=13.0 kips total.

The hold down force for Span 3 at harp points for 4 strands is 3.9 kips per strand=15.4 kips total.

* If Welded Wire Reinforcement (WWR) is used in-lieu of reinforcing steel bars shown on this sheet, the spacing of bars for the WWR shall be equal or less than the vertical bars shown in the typical beam sections above. The equivalent As for the WWR shall be equal to or greater than the typical beam sections above. WWR shall not be required to be epoxy coated.

Welded Wire Reinforcement Equivalent Steel A_s *

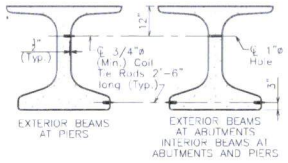
Size	3"	6"	9"	12"	15"	18"
#5	0.440	0.220	0.147	0.110	0.088	0.073
#4	0.800	0.400	0.267	0.200	0.160	0.133
#5	1.234	0.617	0.411	0.308	0.247	0.206
#6	1.761	0.880	0.587	0.440	0.352	0.293



DETAILS OF VENT HOLE

Place vent holes at or near upgrade 1/3 point of beams and clear reinforcing steel or strands by 1 1/2" minimum.

Note: This drawing is not to scale. Follow dimensions.



DETAILS OF COIL TIES

Cast 1"ø hole horizontally in girder for #6 bar 5'-6" long and clear reinforcing steel or strands by 1 1/2" minimum.

General Notes:

Reinforcing Steel:
All dimensions are out to out.

Hooks and bends shall be in accordance with the CRSI Manual of Standard Practice for Detailing Reinforced Concrete Structures, Stirrup and Tie Dimensions.

Actual bar lengths are measured along centerline of bar to the nearest inch.

Minimum clearance to reinforcing shall be 1".

All bar reinforcement shall be Grade 60.

Welded Wire Reinforcement (WWR) shall be in accordance with AASHTO M 221.

The two D1 bars may be furnished as one bar at the fabricator's option.

All B1 bars shall be epoxy coated.

Miscellaneous:
Cost of 3/4"ø coil tie rods placed in diaphragms will be considered completely covered by the contract unit price for Prestressed Concrete Beams.

Coil ties shall be held in place in the forms by slotted wire-setting-studs projecting thru forms. Studs are to be left in place or replaced with temporary plugs until beams are erected, then replaced by coil tie rods.

The contractor shall provide temporary diaphragms or other bracing necessary for lateral and torsional stability of the beams during construction of the concrete slab and remove the bracing after the slab has attained 75% design strength. The cost for furnishing, installing, and removing bracing will be considered completely covered by the contract unit price for Prestressed Concrete Beams. Temporary bracing plans shall be submitted to the Engineer for review and approval.

For location of coil ties and #6 bars, see Sheets No. 21, 22 & 29.

For Beam Camber Diagram, see Sheet No. ##.

Alternate welded wire reinforcing steel may be used. The same type of reinforcing steel shall be used for all beams in all spans.

BILL OF MATERIAL

Item	Unit	Quantity
Prestressed Concrete Beams (NU35) Span 1	Lin.Ft.	307.3
Prestressed Concrete Beams (NU35) Span 2	Lin.Ft.	307.3
Prestressed Concrete Beams (NU35) Span 3	Lin.Ft.	259.3
The following quantities are given for information only and shall not be paid for directly but shall be made subsidiary to the bid item "Prestressed Concrete Beams"		
Beam concrete (f'c= 8000 PSI) (per Span 1 beam)	Cu.Yds.	12.7
Beam concrete (f'c= 8000 PSI) (per Span 2 beam)	Cu.Yds.	12.7
Beam concrete (f'c= 8000 PSI) (per Span 3 beam)	Cu.Yds.	10.7
Approx. Wt. per Span 1 beam	Tons	25.6
Approx. Wt. per Span 2 beam	Tons	25.6
Approx. Wt. per Span 3 beam	Tons	21.6
0.6"ø Prestressing strand (270 KSI low relaxation fy= 243 KSI)	Lin.Ft.	25,325
Epoxy reinforcing steel (fy=60,000 PSI)	Lbs.	6,840
Reinforcing steel (fy=60,000 PSI)	Lbs.	5,860
Bearing plates (1½" x 18" x 3'-0½")	Each	24

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PRESTRESSED CONCRETE
NU 35 BEAM DETAILS
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

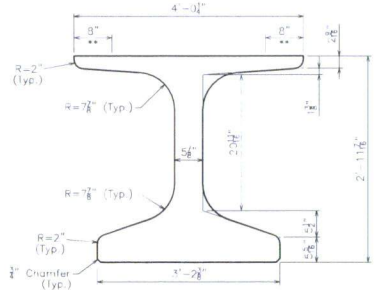
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Exhibit A-2

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STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	27	53

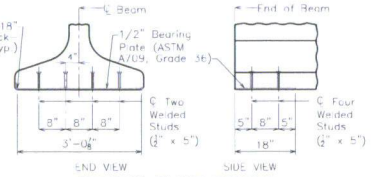


TYPE NU35

Area	640 in.²
I$_{xx}$	108,498 in.⁴
Y Bot	15.96 in.
Vol./Surf. Area	3.07 in.
Wt./Ft.	667 lbs.

TYPICAL BEAM DIMENSIONS

** Beams top flange shall be steel troweled to a smooth finish for 8" at the edges, as shown. Apply two layers of 30 lb. roofing felt as a bond breaker to this region only excluding where joint filler is applied. The center portion shall be rough finished by scarifying the surface transversely with a wire brush, and no laitance shall remain on the surface.



BEARING PLATE DETAILS

Galvanize the 1/2" bearing plate (ASTM A709 Grade 36) in accordance with ASTM A123.

Cost of furnishing, galvanizing, and installing the 1/2" bearing plate (ASTM A709 Grade 36) and welded studs in the prestressed beam will be considered completely covered by the contract unit price for Prestressed Concrete Beams.

General Notes:

Submit shop drawings to the Engineer in accordance with the KDOT Specifications.

Use air entrained concrete.

Use reinforcing steel conforming to the requirements of ASTM A615, Grade 60. The reinforcing steel shown shall be uncoated unless otherwise indicated.

Use bolts having an ultimate strength 50% in excess of the manufacturer's safe load. All items (except the tendons) cast in or inserted in prestressed beams shall be epoxy coated or galvanized. Show Formed Holes on shop drawings. All bolts, nuts and washers shall be subsidiary to the bid item, "Prestressed Concrete Beams".

Show on the shop drawings any hardware, holes or other appurtenances that are required to be incorporated into the beam to construct the beam or for any temporary works needed to construct the bridge (e.g. safety railing pockets).

After beams are in the final position, remove lifting devices. See "Lifting Device" detail below. Removal of the lifting devices, coating and grouting shall be subsidiary to the bid item: "Prestressed Concrete Beams".

Elastomeric bearings shall be subsidiary to the bid item, "Prestressed Concrete Beams". For bearing details, see Sheets No. 22 & 23.

Type B expansion joint material shall be subsidiary to the bid item, "Prestressed Concrete Beams".

The beam lengths shown on the design plans are net lengths measured horizontally along the beam centerline. The beam manufacturer shall make necessary allowances for grade, and for shortening due to elastic shortening, creep and shrinkage.

The beams shall reasonably conform to the lines and dimensions shown on the design plans and be within the tolerances specified in the latest publication of AASHTO, "Tentative Standards for Prestressed Piles, Slab, I-Beams and Box Bridges and an Interim Manual for Inspection of Such Construction", except as modified by this sheet or the KDOT Specifications.

Bevel all exposed edges of beams except the tops and ends with a $\frac{3}{4}$" triangular molding or round the edges to a $\frac{3}{4}$" radius.

Fill trapped air holes and surface voids on the exterior face of the exterior beams with an approved concrete masonry coating. This work shall conform to KDOT Specifications. This work shall be subsidiary to the bid item, "Prestressed Concrete Beams".

Detension strands in a sequence which minimizes lateral eccentricity. Show the method and sequence of strand release on the shop drawings. Use extreme care when lifting, handling, storing and transporting beams. Use the lifting system shown or an alternate system approved by the Engineer. Keep the beam in an upright position at all times. Support the beam on bearing points positioned directly below the designated lifting points or designated bearing points.

Do not place the bridge slab before the beams are 28 days old. Pour diaphragms as detailed in the bridge plans.

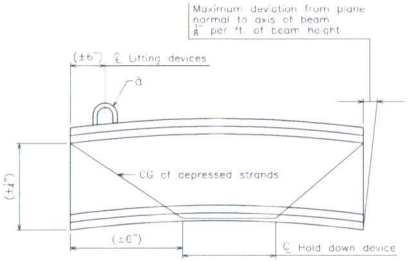
Stencil with paint the following information on the webs approximately 5'-0" from one end of the beam: date of concrete placement, date of strand release, and beam mark.

The portion of the beam to be embedded in the diaphragms at supports shall be roughened by sandblasting or other approved methods to provide suitable bond between beam and diaphragm.

Coil ties shall have a concrete pull-out strength of at least 9,000 pounds in 3,000 psi concrete.



DETAIL OF FORMED HOLE(S)
(See Beam Detail sheet for locations)



ELEVATION

Note: Stud welding will be in accordance with the latest edition of AWS D1.1.

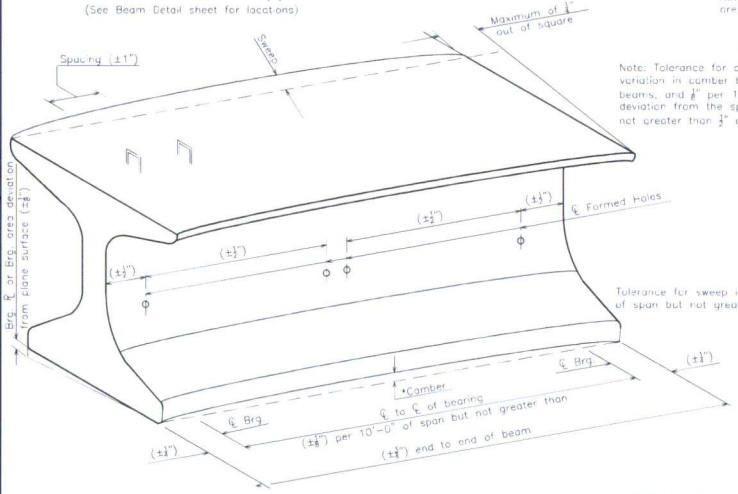
The stud anchors will be made of material as specified for Shear Connector Studs in the KDOT Specifications.

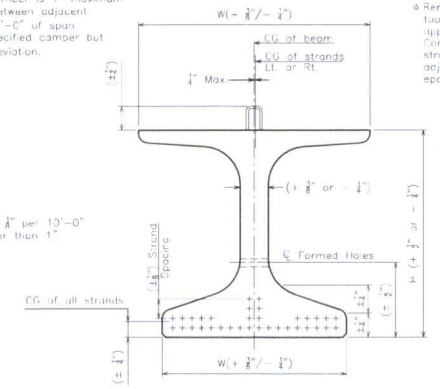
* Prior to shipping, the camber shall be no greater than the design camber + $\frac{1}{2}$". The design camber is equal to the 50 day camber shown in the plans.

Note: Dimensions shown in parentheses are tolerances only.

CG = Center of Gravity

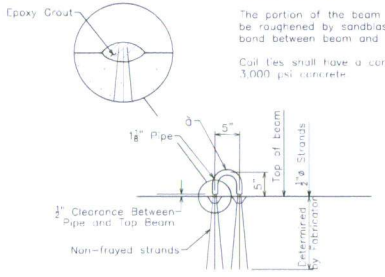
Note: Tolerance for camber is 1" maximum variation in camber between adjacent beams, and $\frac{1}{8}$" per 10'-0" of span deviation from the specified camber but not greater than $\frac{1}{2}$" deviation.





TYPICAL SECTION

Ⓐ Remove lifting device within 1" from top of beam. Coat area with approved epoxy bonding agent. Completely cover remaining exposed strands and fill depressions adjacent to strands with approved epoxy grout.



LIFTING DEVICE

PRESTRESSED BEAM FABRICATION TOLERANCES

Note: This drawing is not to scale. Follow dimensions.

NO.	DATE	REVISION	BY	APP'D

STANDARD NU35 BEAM DETAILS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
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DATE: OCT 2018
W.O.: 18900.003
27 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

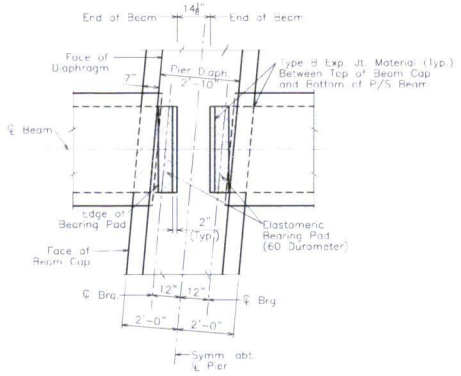
DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	28	53

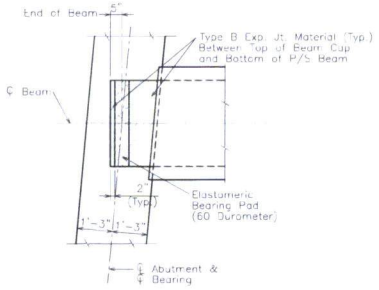


FRAMING PLAN

Note: Pier and Abutment Diaphragms not shown for clarity



TYPICAL PIER BEARING PAD LAYOUT



TYPICAL ABUTMENT BEARING PAD LAYOUT

See Pier and Abutment Details sheets for Bearing Pad details.

NO.	DATE	REVISION	BY	APP'D

FRAMING PLAN

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
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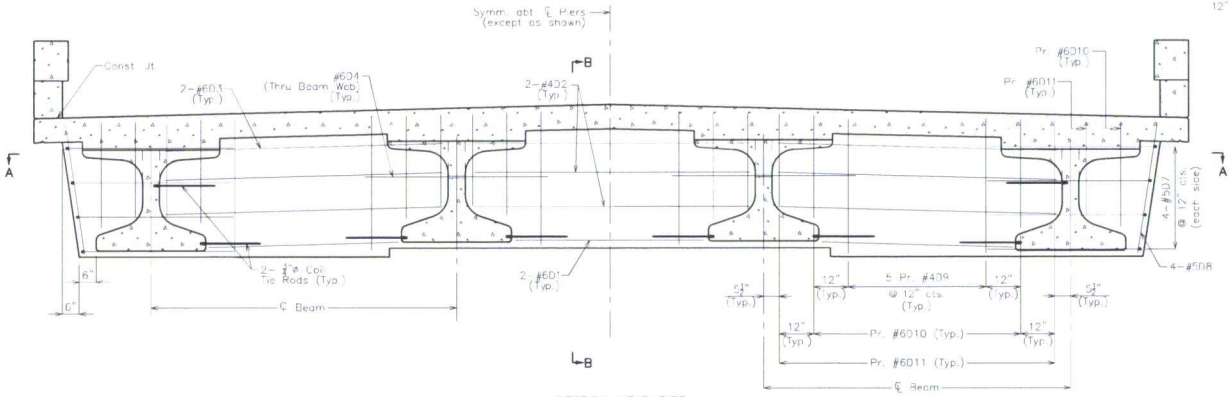
DATE OCT 2018
W.O. 18900.003
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Exhibit A-2

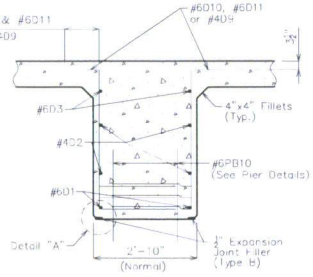
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

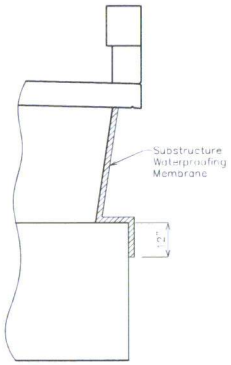
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KANSAS	F.5-5.9	18900.003	2018	29	53



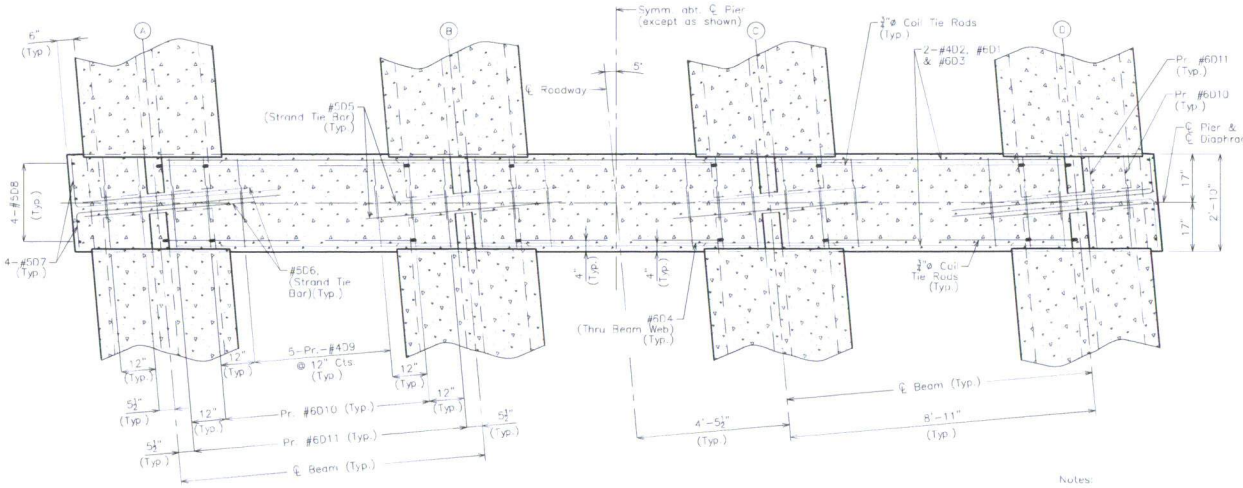
SECTION NEAR PIER



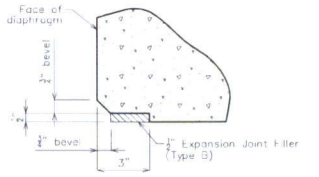
SECTION B-B



PART SECTION SHOWING SUBSTRUCTURE WATERPROOFING DETAILS



SECTION A-A



DETAIL "A"

Notes:

For locations of #505 & #506 (Strand Tie Bars), #604 (thru beam web) and Coil Tie Rods, see Sheets No. 26 thru 27.

Diaphragms at Piers shall be built vertical.

Substructure waterproofing membrane shall be in accordance with KDOT Specifications. Cost of substructure waterproofing membrane shall be subsidiary to other items.

Note: This drawing is not to scale. Follow dimensions.

NO.	DATE	REVISION	BY	APP'D

DETAILS OF CONCRETE DIAPHRAGM AT PIERS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

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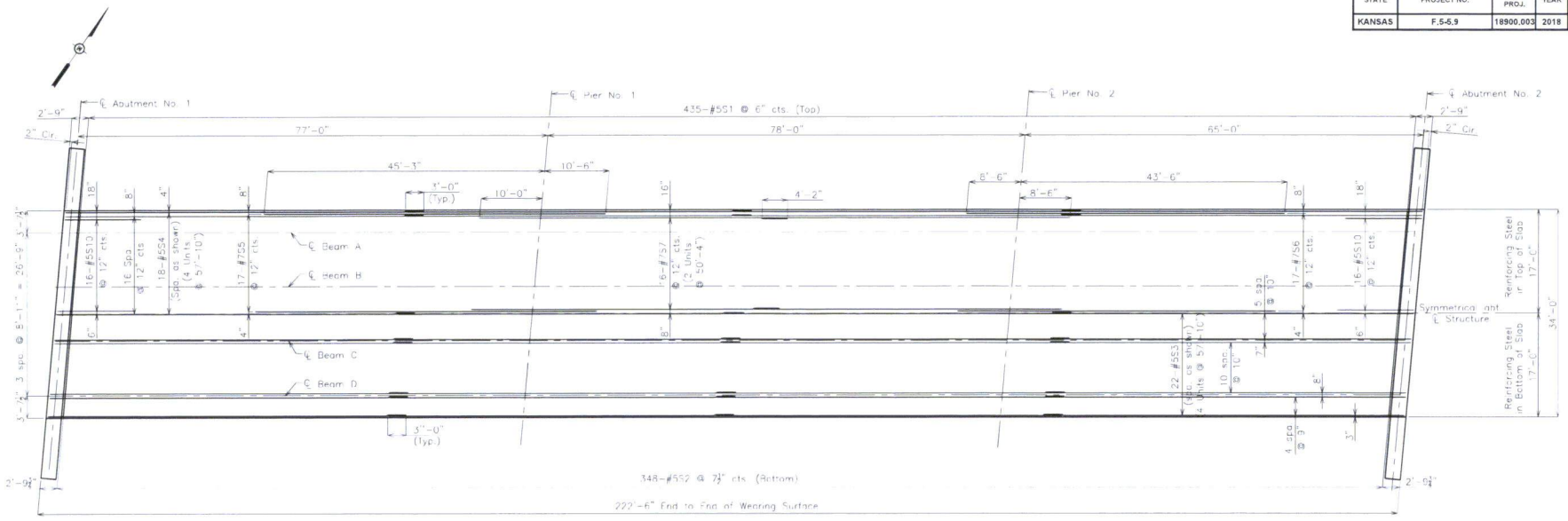
DATE: OCT 2018
W.O.: 18900.003
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Exhibit A-2

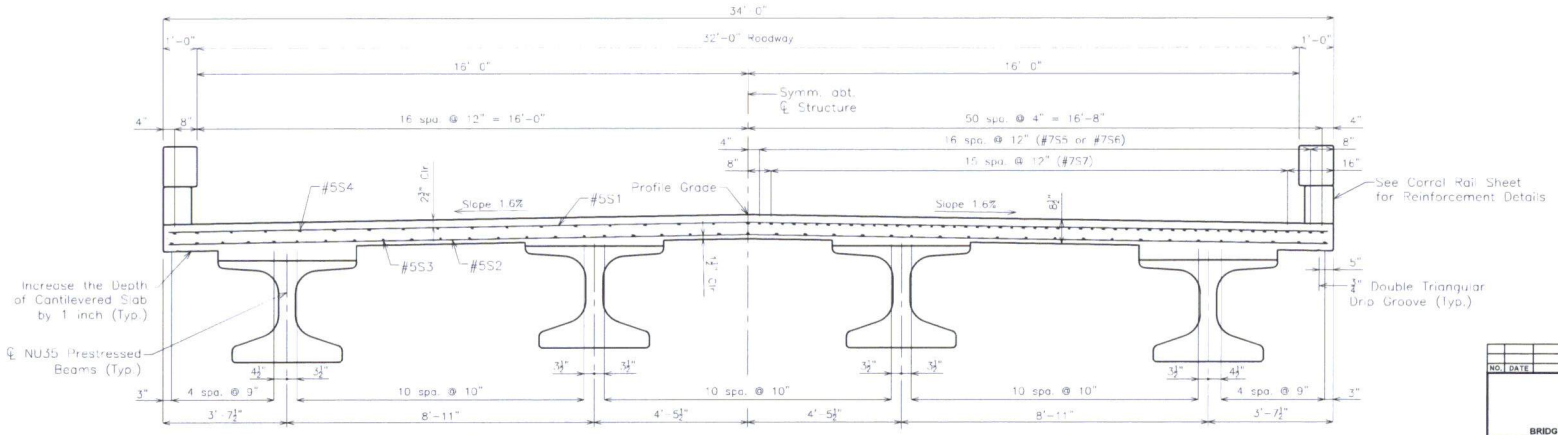
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	30	53



PLAN



TYPICAL SECTION

Note: This drawing is not to scale. Follow dimensions.

SLAB DETAILS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

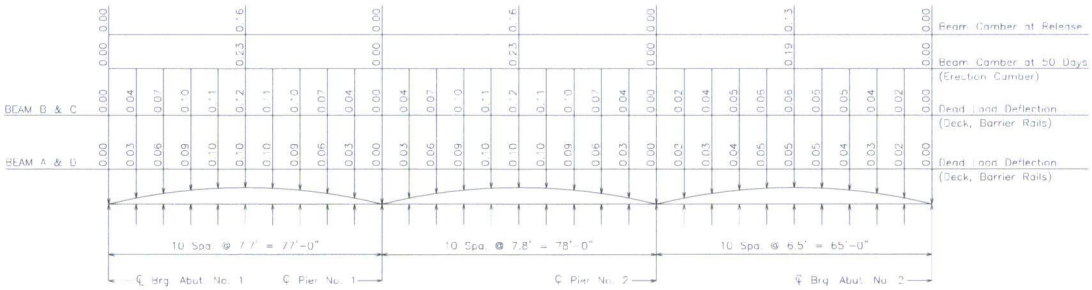
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DATE OCT 2018
W.O. 18900.003
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Exhibit A-2

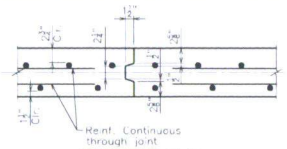
DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	31	53

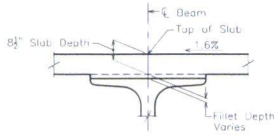


BEAM CAMBER AND DEAD LOAD DEFLECTION

Notes:
Ordinates are in feet.
Dead Load deflections are downward.



TRANSVERSE SLAB CONSTRUCTION JOINT

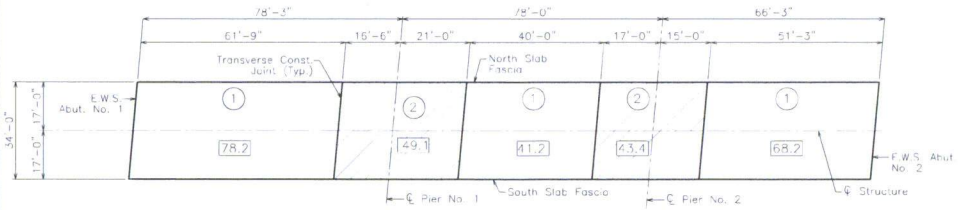


CONCRETE FILLET DETAIL

≠ TOP OF SLAB ELEVATIONS

		LEFT FASCIA		BEAM A		BEAM B		BEAM C		BEAM D		RIGHT FASCIA	
LOCATION	POINT	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.	STATION	ELEV.
Centerline Brg. Abut. No. 1	0	11+81.35	1140.64	11+81.03	1140.69	11+80.25	1140.84	11+79.47	1140.84	11+78.69	1140.69	11+78.38	1140.64
	1	11+89.05	1140.63	11+88.73	1140.69	11+87.95	1140.83	11+87.17	1140.83	11+86.39	1140.69	11+86.08	1140.63
	2	11+96.75	1140.63	11+96.43	1140.69	11+95.65	1140.83	11+94.87	1140.83	11+94.09	1140.69	11+93.78	1140.63
	3	12+04.45	1140.63	12+04.13	1140.68	12+03.35	1140.83	12+02.57	1140.83	12+01.79	1140.69	12+01.48	1140.63
	4	12+12.15	1140.62	12+11.83	1140.68	12+11.05	1140.82	12+10.27	1140.82	12+09.49	1140.68	12+09.18	1140.62
	5	12+19.85	1140.62	12+19.53	1140.68	12+18.75	1140.82	12+17.97	1140.82	12+17.19	1140.68	12+16.88	1140.62
	6	12+27.55	1140.62	12+27.23	1140.68	12+26.45	1140.82	12+25.67	1140.82	12+24.89	1140.68	12+24.58	1140.62
	7	12+35.25	1140.61	12+34.93	1140.67	12+34.15	1140.82	12+33.37	1140.82	12+32.59	1140.67	12+32.28	1140.62
	8	12+42.95	1140.61	12+42.63	1140.67	12+41.85	1140.81	12+41.07	1140.81	12+40.29	1140.67	12+39.98	1140.61
	9	12+50.65	1140.61	12+50.33	1140.67	12+49.55	1140.81	12+48.77	1140.81	12+47.99	1140.67	12+47.68	1140.61
Centerline Pier No. 1	10	12+58.35	1140.60	12+58.03	1140.66	12+57.25	1140.81	12+56.47	1140.81	12+55.69	1140.66	12+55.38	1140.61
Centerline Pier No. 1	0	12+58.35	1140.60	12+58.03	1140.66	12+57.25	1140.81	12+56.47	1140.81	12+55.69	1140.66	12+63.08	1140.60
	1	12+66.15	1140.60	12+65.83	1140.66	12+65.05	1140.80	12+64.27	1140.80	12+63.49	1140.66	12+70.78	1140.60
	2	12+73.95	1140.60	12+73.63	1140.66	12+72.85	1140.80	12+72.07	1140.80	12+71.29	1140.66	12+78.48	1140.60
	3	12+81.75	1140.60	12+81.43	1140.66	12+80.65	1140.80	12+79.87	1140.80	12+79.09	1140.66	12+86.18	1140.60
	4	12+89.55	1140.61	12+89.23	1140.67	12+88.45	1140.81	12+87.67	1140.81	12+86.89	1140.66	12+93.88	1140.62
	5	12+97.35	1140.63	12+97.03	1140.68	12+96.25	1140.83	12+95.47	1140.82	12+94.69	1140.68	13+01.58	1140.64
	6	13+05.15	1140.66	13+04.83	1140.71	13+04.05	1140.85	13+03.27	1140.85	13+02.49	1140.70	13+09.28	1140.68
	7	13+12.95	1140.69	13+12.63	1140.75	13+11.85	1140.89	13+11.07	1140.89	13+10.29	1140.74	13+16.98	1140.72
	8	13+20.75	1140.74	13+20.43	1140.80	13+19.65	1140.94	13+18.87	1140.93	13+18.09	1140.78	13+24.68	1140.77
	9	13+28.55	1140.80	13+28.23	1140.86	13+27.45	1140.99	13+26.67	1140.99	13+25.89	1140.84	13+32.38	1140.83
Centerline Pier No. 2	10	13+36.35	1140.87	13+36.03	1140.92	13+35.25	1141.06	13+34.47	1141.05	13+33.69	1140.90	13+40.08	1140.90
Centerline Pier No. 2	0	13+36.35	1140.87	13+36.03	1140.92	13+35.25	1141.06	13+34.47	1141.05	13+33.69	1140.90	13+47.78	1140.98
	1	13+42.85	1140.93	13+42.53	1140.98	13+41.75	1141.12	13+40.97	1141.11	13+40.19	1140.96	13+55.48	1141.07
	2	13+49.35	1141.00	13+49.03	1141.05	13+48.25	1141.19	13+47.47	1141.18	13+46.69	1141.03	13+63.18	1141.17
	3	13+55.85	1141.07	13+55.53	1141.13	13+54.75	1141.26	13+53.97	1141.25	13+53.19	1141.10	13+70.88	1141.27
	4	13+62.35	1141.16	13+62.03	1141.21	13+61.25	1141.34	13+60.47	1141.33	13+59.69	1141.18	13+78.58	1141.39
	5	13+68.85	1141.25	13+68.53	1141.30	13+67.75	1141.43	13+66.97	1141.42	13+66.19	1141.27	13+86.28	1141.52
	6	13+75.35	1141.34	13+75.03	1141.39	13+74.25	1141.52	13+73.47	1141.51	13+72.69	1141.36	13+93.98	1141.65
	7	13+81.85	1141.44	13+81.53	1141.50	13+80.75	1141.63	13+79.97	1141.61	13+79.19	1141.46	14+01.68	1141.80
	8	13+88.35	1141.55	13+88.03	1141.60	13+87.25	1141.73	13+86.47	1141.72	13+85.69	1141.56	14+09.38	1141.95
	9	13+94.85	1141.67	13+94.53	1141.72	13+93.75	1141.85	13+92.97	1141.83	13+92.19	1141.68	14+17.08	1142.11
Centerline Brg. Abut. No. 2	10	14+01.35	1141.79	14+01.03	1141.84	14+00.25	1141.97	13+99.47	1141.95	13+98.69	1141.80	14+24.78	1142.28

≠ Note: Elevations shown are at top of slab over Centerline Beam.



CONCRETE PLACING SEQUENCE

Circled numbers indicate placing sequence. Segmental, combined or continuous pours are allowed by an approved alternate placing sequence. Any discontinuous pour must stop at a construction joint short of a pier. See General Notes, Sheet No. 17, for "Concrete Placing Sequence" note.

The contractor may place the barrier rail continuously from one end of the bridge to the other. Place and hand vibrate all concrete for the pier diaphragms and the abutments above the construction joint to the bottom of the deck just prior to the normal paving train operations. Do this work in a manner to avoid a cold joint in either the abutments or in the diaphragms.

97.0 Numbers indicate quantity (cu. yds.) of Grade 4.0 (AF)(SA) required to pour 8½" deck, pier diaphragms, and abutments above the construction joint (for information only).

See Pier and Abutment Details sheets for Bearing Pad details.

NO.	DATE	REVISION	BY	APP'D

SLAB DETAILS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

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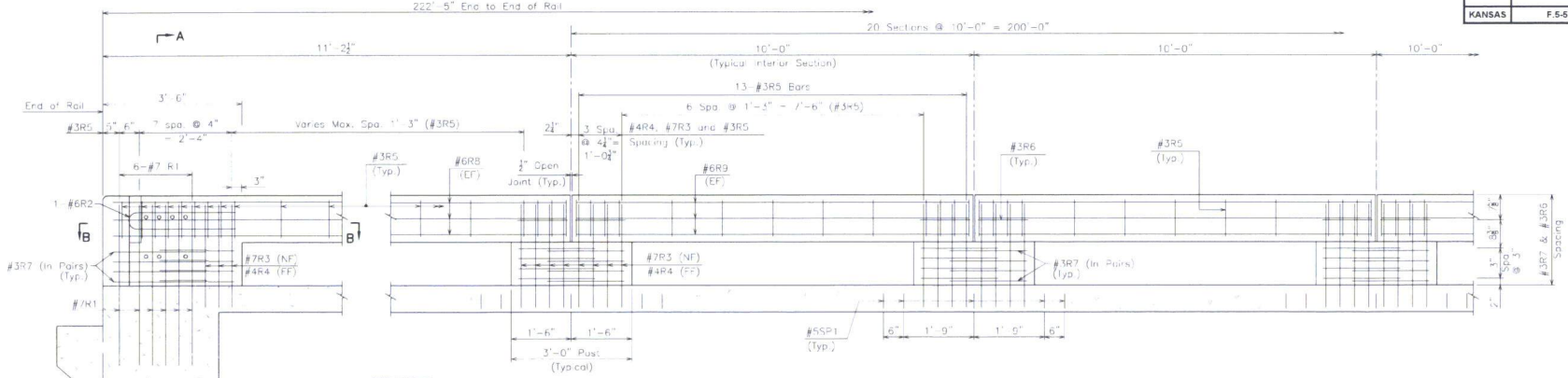
DATE OCT 2018
W.O. 18900.003
31 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	32	53



LEGEND
NF = Near Face
FF = Far Face
EF = Each Face

NO.	DATE	REVISION	BY	APP'D

27" KANSAS CORRAL RAIL
(W-BEAM WITH RUBRAIL)(WITHOUT CURB)
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
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DATE OCT 2018
W.O. 18900.003
32 OF 53

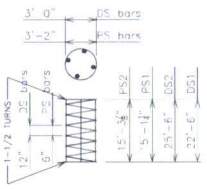
Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

		Straight Bars				Bent Bars			
		Mark	Size	Number	Length	Mark	Size	Number	Length
Abutment No. 1	Epoxy	AD1	6	3	5'-4"	AD7	5	4	5'-6"
		AD2	6	9	8'-1"	AD8	6	8	12'-5"
		AD3	6	2	12'-5"	AD16	5	23	8'-5"
		AD4	6	2	13'-8"	AD17	5	16	Varies
		AD5	6	2	11'-10"	AD18	5	2	4'-3"
		AD6	6	2	8'-3"	AF4	5	23	15'-11"
		AD9	6	2	55'-9"	AF6	5	16	12'-2"
		AD10	6	1	50'-4"	AS2	5	33	5'-8"
		AD11	6	1	42'-6"	AS3	5	33	3'-7"
		AD12	6	4	36'-0"				
		AD13	5	4	5'-9"				
		AD14	6	4	5'-6"				
		AD15	6	20	3'-5"				
		AF7	5	4	5'-1"				
		AS1	4	2	32'-9"				
	Non-Epoxy	AF1	6	8	55'-9"	AF3	5	10	5'-6"
		AF2	6	6	55'-9"	AF5	4	48	9'-2"
Abutment No. 2	Epoxy	AD1	6	3	5'-4"	AD7	5	4	5'-6"
		AD2	6	9	8'-1"	AD8	6	8	12'-5"
		AD3	6	2	12'-5"	AD16	5	23	8'-5"
		AD4	6	2	13'-8"	AD17	5	16	Varies
		AD5	6	2	11'-10"	AD18	5	2	4'-3"
		AD6	6	2	8'-3"	AF4	5	23	15'-11"
		AD9	6	2	55'-9"	AF6	5	16	12'-2"
		AD10	6	1	50'-4"	AS2	5	33	5'-8"
		AD11	6	1	42'-6"	AS3	5	33	3'-7"
		AD12	6	4	36'-0"				
		AD13	5	4	5'-9"				
		AD14	6	4	5'-6"				
		AD15	6	20	3'-5"				
		AF7	5	4	5'-1"				
		AS1	4	2	32'-9"				
	Non-Epoxy	AF1	6	8	55'-9"	AF3	5	10	5'-6"
		AF2	6	6	55'-9"	AF5	4	48	9'-2"
Pier No. 1	Non-Epoxy	DS3	10	28	29'-4"	DS1	3	2	Spiral
		PC1	8	34	17'-10"	PS1	3	2	Spiral
		PW2	4	34	21'-0"	PW1	8	3	22'-2"
						PW3	5	34	18'-3"
		PB1	6	4	29'-10"				
		PB2	6	10	29'-10"	PB3	8	16	19'-6"
		PB11	6	36	4'-0"	PB4	6	14	11'-9"
						PB5	5	34	9'-1"
						PB6	5	56	7'-10"
						PB7	5	4	9'-0"
						PB8	5	4	8'-6"
						PB9	5	4	7'-7"
						PB10	5	6	10'-9"
Pier No. 2	Non-Epoxy	DS4	10	28	32'-4"	DS2	3	2	Spiral
		PC2	8	34	18'-1"	PS2	3	2	Spiral
		PW2	4	34	21'-0"	PW1	8	3	22'-2"
						PW4	5	34	18'-5"
		PB1	6	4	29'-10"				
		PB2	6	10	29'-10"	PB3	8	16	19'-6"
		PB11	6	36	4'-0"	PB4	6	14	11'-9"
						PB5	5	34	9'-1"
						PB6	5	56	7'-10"
						PB7	5	4	9'-0"
						PB8	5	4	8'-6"
						PB9	5	4	7'-7"
						PB10	5	6	10'-9"

NOTE:
Bar lengths given in table are measured from the centerline of bar to the nearest inch.

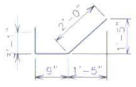
		Straight Bars				Bent Bars			
		Mark	Size	Number	Length	Mark	Size	Number	Length
Pier Diaphragms	Epoxy	D1	6	12	5'-4"	D7	5	32	5'-9"
		D2	4	24	8'-1"	D9	4	60	6'-10"
		D3	6	12	8'-1"	D10	6	32	6'-2"
		D4	6	8	5'-6"	D11	6	32	5'-8"
		D5	5	8	5'-9"				
		D6	5	8	4'-10"				
		D8	5	16	3'-7"				
Slab	Epoxy	S1	5	435	33'-9"	S10	5	64	15'-11"
		S2	5	348	33'-9"				
		S3	5	172	57'-10"				
		S4	5	140	57'-10"				
		S5	7	34	55'-9"				
		S6	7	34	52'-0"				
		S7	7	64	50'-4"				
Corral Curb	Epoxy	R8	6	24	10'-10"	R1	7	24	8'-5"
		R9	6	240	9'-8"	R2	6	4	5'-8"
						R3	7	348	6'-6"
						R4	4	348	3'-10"
						R5	3	592	3'-4"
						R6	3	84	4'-4"
						R7	3	368	4'-9"
						SP1	5	210	4'-4"



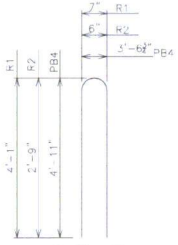
DS1, DS2, PS1 & PS2

3/4" Dia. smooth bar wt. of spiral spacers are included in wt. of reinforcing steel.

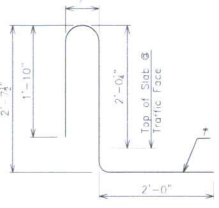
Spiral reinforcing shall meet the requirements of ASTM A-615. 4 spacer bars are required for each set of spiral reinforcement.



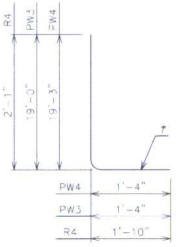
AS2



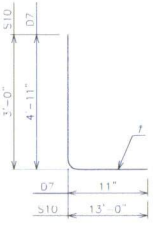
R1, R2 & PB4



R3



R4, PW3, PW4

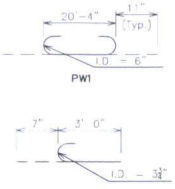


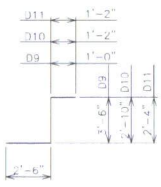
D7 & S10

BENDING DIAGRAMS

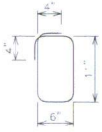
All dimensions are out to out of bars.

† Bend this leg to match the slope of the roadway. R-bars and S10 bars only.

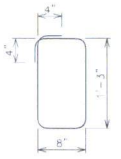




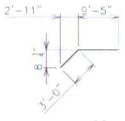
D9, D10 & D11



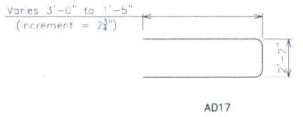
R5



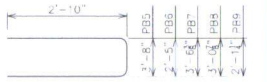
R6



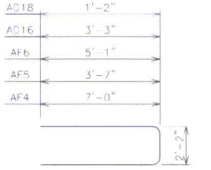
AD8



AD17



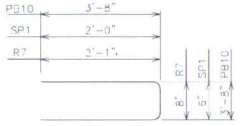
PB5, PB6, PB7, PB8, PB9



AF4, AF5, AF6, AD16, AD18



AF3 & AD7



R7, SP1 & PB10

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
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BARBILL

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

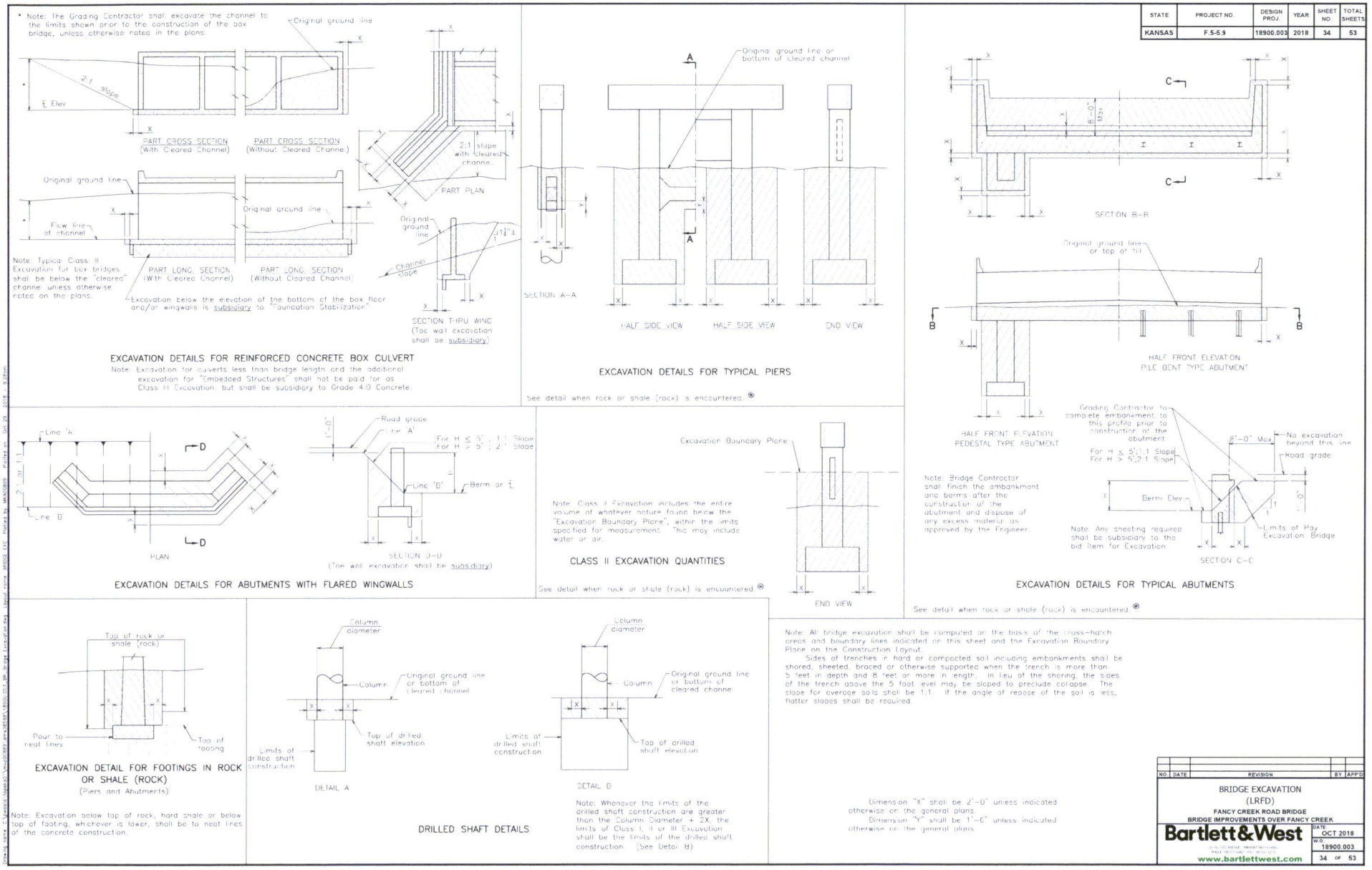
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BRIDGE EXCAVATION
(LRFD)
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

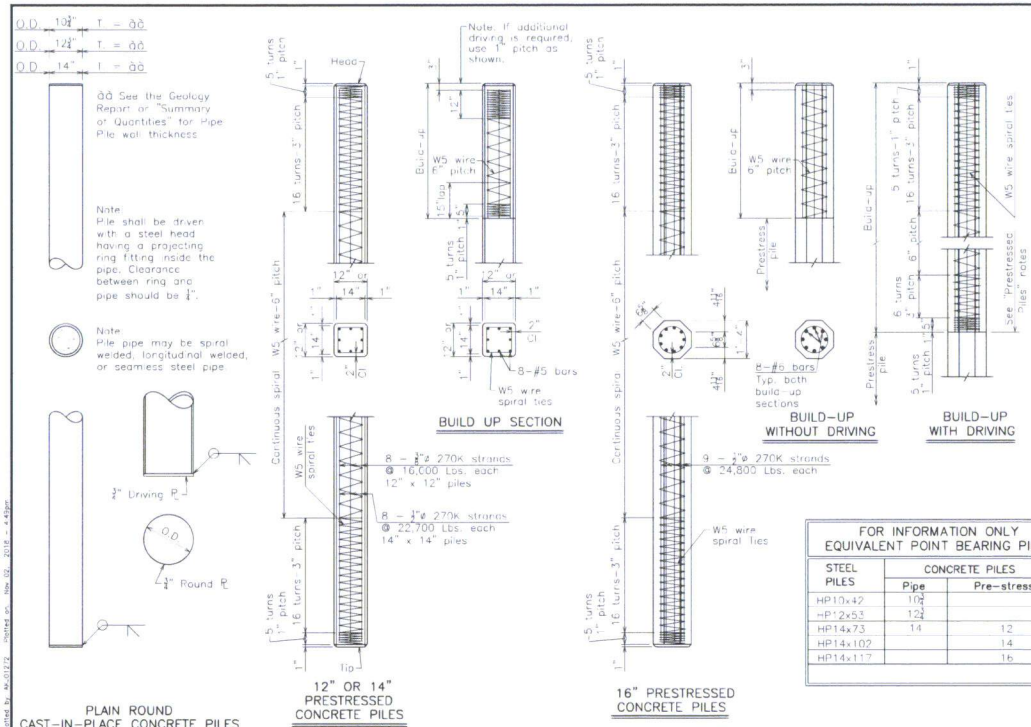
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Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

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FOR INFORMATION ONLY EQUIVALENT POINT BEARING PILES		
STEEL PILES	CONCRETE PILES	
	Pipe	Pre-stress
HP10x42	10¾	
HP12x53	12¾	
HP14x73	14	12
HP14x102		14
HP14x117		16

GENERAL NOTES

PRESTRESSED PILES: Fabricate prestressed concrete pile splices in accordance with the Manufacturer's recommendations subject to the approval of the Engineer.

Method of attachment of pile to build-up may be by any of the methods given in the notes on "Alternate Methods". If mild reinforcing steel is used for attachment, the area shall be no less than that used in the build-up.

ALTERNATE METHODS: Method of attachment of a pile to build-up may be by any of the following methods:
1. Cut off at least 2'-0" of pile and expose a minimum of 2'-0" of strands.
2. Cast 8-#6, or 8-#5 bars (equally spaced into pile head. All bars shall extend into pile head and project from pile head a minimum of 2'-0".
3. Drill 8 holes in pile head (equally spaced) for installation of 8 grouted dowel bars of same size and length as in 2.
4. Provide cored holes for bars as in 3.
No bars or strands are to extend from head of pile or build-up into footing or pile cap unless approved by the Engineer.

TEST PILES: Drive test piles where called for on the bridge plans. The test piles located within the limits of the substructure will become a part of the bridge pile system.

DRIVING FORMULA: Driving formula shall conform to the Standard Specifications.

MEASUREMENT AND PAYMENT: Measurement and payment for all piles shall comply with the Standard Specifications.

The following items are covered in Division 1000 of the Standard Specifications.

REINFORCEMENT: Use reinforcing steel conforming to ASTM A615, Grade 60. Hoops and spirals may be either plain or deformed bars.

PRESTRESSING STEEL: Use uncoated seven-wire stress relieved or low relaxation prestressing strand conforming to ASTM A416, Gr. 270.

SPECIFICATIONS: Standard Specifications for State Road and Bridge Construction as currently used by the Kansas Department of Transportation. The following items are covered in Division 700 of the Standard Specifications:

CONCRETE: Concrete for cast-in-place shall be f'c = 3,500 PSI. Concrete for prestressed shall be f'c = 5,000 PSI.

WELDING: All field welding shall meet the requirements of the Standard Specifications.

Use only Shielded Metal Arch Welding SMAW (stick welding) for pile splices.

Use only low hydrogen E7018, 7016, or 7015 series welding rod (electrode) for all welding applications during pile splicing. See General Notes or proper storage of welding rod; welding filler rod (electrode) for field welding of splices.

New electrode are to be purchased for each KDOT project. The electrode shall arrive on the project in factory hermetically sealed containers opened and labeled with indelible ink in front of the engineer. The label shall include the current date and the project number. If the container seal is questionable or shows signs of damage the electrode is to be dried in an oven at least one hour at a temperature of 700°F to 800°F.

Upon removal from intact hermetically sealed factory packaging or the drying oven the electrode is to be placed in a storage oven with a minimum temperature of 250°F.

When electrodes are removed from the hermetically sealed container or storage oven and exposed to the atmosphere for less than 4 hours place into the storage oven for at least 4 hours before removing for use.

If electrode is exposed to the atmosphere for 4 hours or more (or 9 hours for moisture resistant electrodes designated with an R in their labeling) then electrode can be dried in a drying oven at a temperature of 450°F to 550°F.

If the electrode is exposed to the atmosphere for 4 hours or more a second time or the rod becomes wet discard rod.

CAST-IN-PLACE SHELLS: Steel shells for cast-in-place piles shall conform to the requirements of the Standard Specifications.

All piles driven without a mandrel shall be of the minimum thicknesses shown. Piles driven with a mandrel shall be of sufficient strength and thickness to withstand driving without injury and to resist harmful distortion and/or buckling due to soil pressure after the mandrel is removed.

Remove, replace or correct to the satisfaction of the Engineer improperly driven, broken or otherwise defective pipe piles. Otherwise drive an additional pile at no extra cost.

The Contractor shall maintain a light suitable for visual inspection of the pile on the job at all times prior to and during the filling of the pipe.

STEEL PILE: Steel pile shall conform to the requirements of the Standard Specifications.

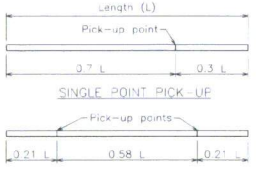
PILE POINTS: Pile points shall conform to the dimensions shown and to requirements of the Standard Specifications.

PAINT: All paint shall comply with the Standard Specifications, or as specified on the plans.

MILL TEST REPORTS: Steel piles test reports and steel shell test reports shall comply with the Standard Specifications.

CAST STEEL PILE POINT

The pile point shall be a one-piece unit of cast steel. Weld pile points in accordance with manufacturers recommendations to each steel pile before driving.



PICK-UP POINTS FOR PRESTRESSED PILING

Max. length = 55' single point pick-up
Max. length = 80' double point pick-up

Note: Piles shall be marked at Pick-up points to indicate proper points for attaching handling lines.



PIPE PILE POINT

Weld Symbology Definition

Use grinder to bevel edges of splice as shown in weld symbology and drawing. In addition to bevels, produce clean, bare, and shiny surfaces at and around the splice welding location.

Use E7018, 7016, or 7015 series welding rod (electrode) for all welding applications during pile splicing. See General Notes for proper storage of welding rod.

Lay full penetration root weld from beveled side of splice.

Back gouge root weld from side opposite of root welding application making sure to remove all foreign materials, porous steel, and inclusions from root weld. Finish welding the non beveled side of the splice.

Finish welding beveled side of the splice while removing slag, foreign materials, porous steel, and inclusions in between welding passes. use of a grinder may be needed.

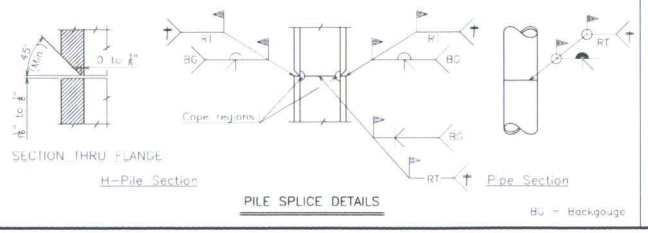
Verify that enough filler metal has been correctly placed in all weld locations to obtain a flush or convex surface with no concavity produced upon completion of the final welds.

SPLICES: Splices for steel piles and shell piling shall be in accordance with details shown on this sheet and the Standard Specifications.

For integral pile bent abutments and piers, if a pile splice is required, do not locate the pile splice within a region extending 2'-0" above and 10'-0" below the bottom of the concrete web wall. For abutments, locate the pile splice at least 10'-0" below top of fill.

With the approval of the Engineer, one splice per bent may be allowed in the region described above without testing. If additional splices are anticipated, based on the geology, the Contractor will add a sufficient amount to the bottom of pile, prior to driving, so that the splice is below the regions described above in the completed pile.

† For integral pile bent abutments and piers, if a splice is located within the regions described above, then the Contractor will test the welds by Radiograph (RT) test methods. Repair and retest any welds not passing the test(s). Each weld tested will have written confirmation of results. Report these results to the Engineer. This work is not paid for directly, but is subsidiary to "Piles".



PILE SPLICE DETAILS

BG = Backgouge

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STANDARD PILE DETAILS

FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

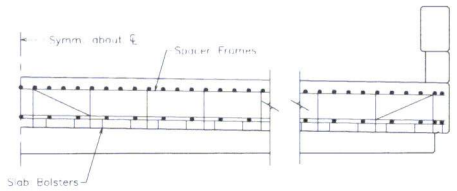
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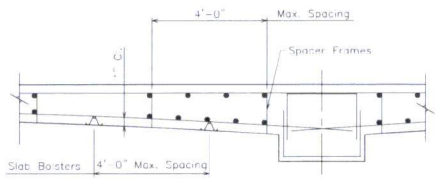
Exhibit A-2

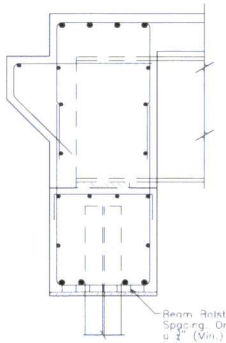
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

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KANSAS	F.5-5.9	18900.003	2018	36	53

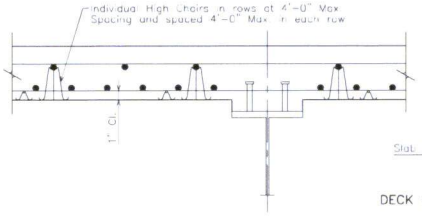


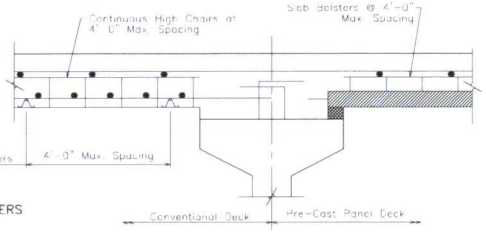
CONTINUOUS HAUNCHED SLAB



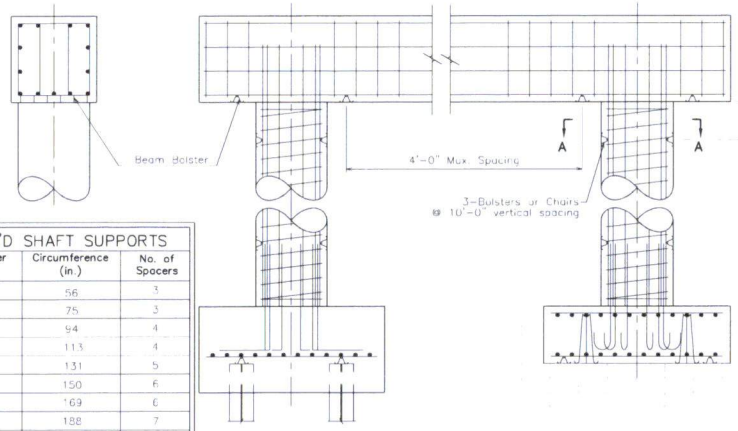


ABUTMENT

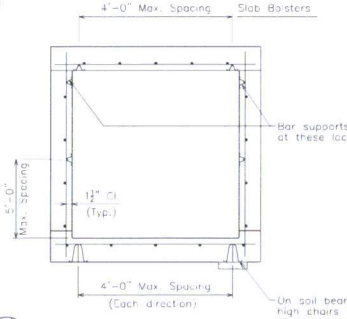




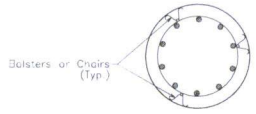
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PIER

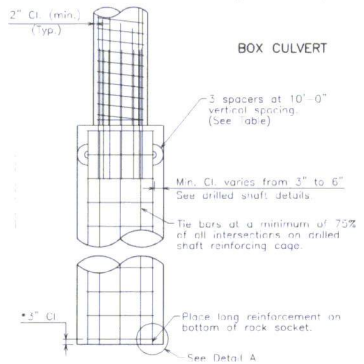


BOX CULVERT

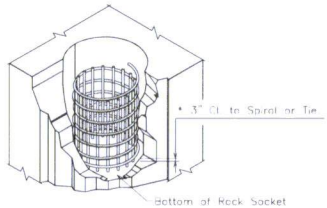


SECTION A-A

REQ'D SHAFT SUPPORTS		
Diameter (in.)	Circumference (in.)	No. of Spacers
18	56	3
24	75	3
30	94	4
36	113	4
42	131	5
48	150	6
54	169	6
60	188	7
66	207	7
72	226	8
78	244	9
84	263	9
90	282	10
96	301	11
102	320	11
108	339	12



DRILLED SHAFT



DETAIL A

* Note: Longitudinal reinforcing steel is placed on the bottom of the rock socket. Maintain 3" clearance from the bottom of rock socket to the first spiral or tie bar.

GENERAL NOTES

Reference is made to the latest edition of the CRSI "Manual of Standard Practice" for recommended industry practices concerning reinforcing steel.

Use only the following types of bar supports:

1) Wire Bar Supports:
   a) Epoxy coated reinforcing, Class 1 Protection
   b) Non-epoxy coated reinforcing, Class 1, 2 or 3 Protection

2) Plastic Bar Supports

3) Supplementory bars

When securing epoxy coated reinforcement, use tie wires or metal clips that are epoxy or plastic coated.

Do not weld reinforcing steel to bar supports or to other reinforcing steel. Shop weld spacer frames for haunched slabs.

Tie bars at all intersections around the perimeter of each mat and at not less than 2'-0" centers or at every intersection, whichever is greater.

Where more than one length of bar support is required, lap the end legs so they are locked or tied together.

Use proper height supports to maintain the distance between the reinforcing and the formed surface or the top surface of deck slabs within ¼" of that indicated on the plans.

Spacings shown are maximums. Use sufficient supports, as determined by the Engineer, to retain the reinforcing steel in position.

Construct any platforms, required for the support of workers and/or equipment during concrete placement, directly on the forms and not on the reinforcing steel.

Designs and arrangements of Supports or Spacers other than as shown on this sheet, may be used with the permission of the Engineer.

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SUPPORTS AND SPACERS FOR REINFORCING STEEL

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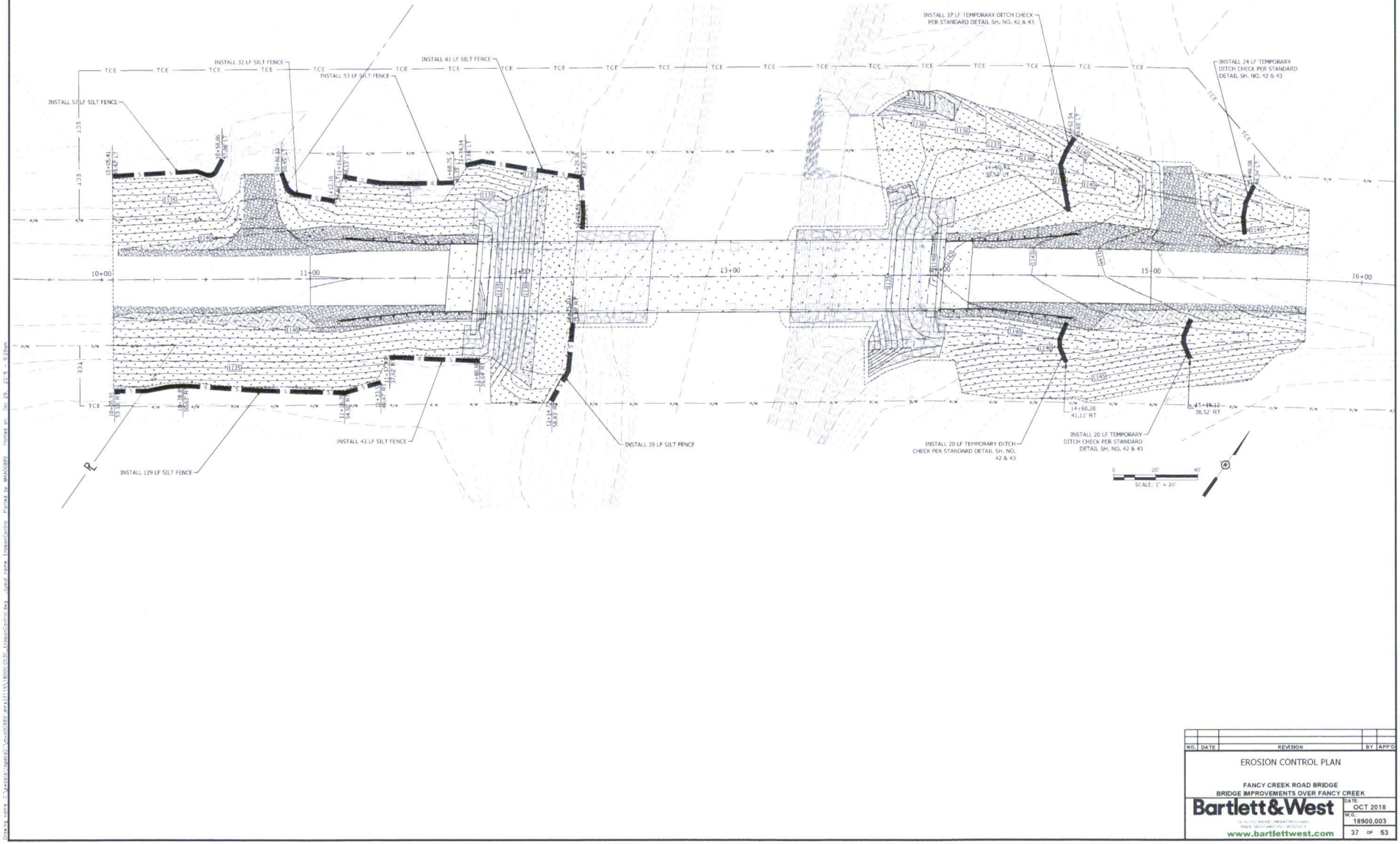
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Exhibit A-2

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EROSION CONTROL PLAN

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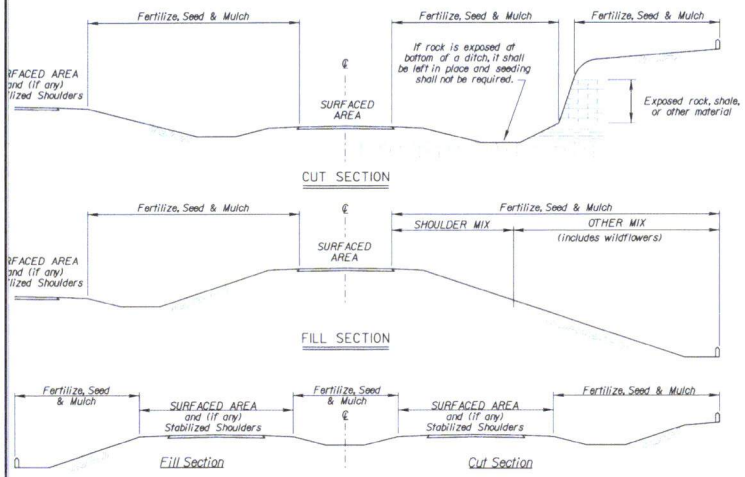
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Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	38	53



TYPICAL SECTION - DUAL PAVEMENT

SEEDING PERIODS

COOL SEASON	WARM SEASON
February 15 to April 20 and August 15 to Sept. 30	November 15 to June 1
SPECIES	SPECIES
Bluegrasses	Big Bluestem
Bromegrasses	Blue Grama
Canada Wildrye	Buffalograss
Fescues	Indiangrass
Prairie Junegrass	Little Bluestem
Ryegrasses	Sand Bluestem
Sterile Wheatgrass	Sand Dropseed
Tall Dropseed	Sand Lovegrass
Western Wheatgrass	Side Oats Grama
	Switchgrass
	Wildflower Mixes

In areas of 1 acre or more, if Cool Season grasses are mixed with Warm Season grasses, seed the area during the Warm Season seeding period.

When the area to be seeded is less than 1 acre, seed the area any time of the year.

SODDING PERIODS

COOL SEASON	WARM SEASON
March 1 to April 15	May 15 to September 15
SPECIES	SPECIES
Bluegrass Sod	Buffalograss Sod
Fescue Sod	

GENERAL NOTES

The entire disturbed area, excepting the paved or surfaced areas, steep rocky slopes and areas of undisturbed native sod or other desirable vegetation shall be fertilized (limed when required), seeded and mulched. Soil preparation shall conform to the Standard Specifications except as noted below.

All borrow areas shown on the plans are to be fertilized, seeded, and mulched. However, operation in borrow areas where crops are growing may be omitted when requested by the owner.

If temporary cover has provided stable slopes with no erosion, seed the permanent grasses into the existing cover. If there has been erosion that requires repair prior to seeding, then it may be necessary to regrade the area, resulting in bare ground.

FERTILIZER: A ratio and application rate that equals or exceeds the required minimum rate per acre of N, P_2O_5, K_2O listed in Summary of Seeding Quantities will be acceptable.

MULCHING: Mulch shall be spread uniformly over all disturbed areas and punched in the soil, unless otherwise noted on the plans. The rate of application per acre, thickness in place, for the mulching material is generally as follows:

1¾ - 2¼ Tons per Acre = 1½" loose depth spread uniformly over acre.

Agricultural products, such as native prairie hay, used for mulching and erosion control practices, excluding wood based mulch, shall meet the North American Weed Free Forage Standards.

Other vegetative mulches are acceptable only with the Engineer's concurrence.

The above rate is a guide. It will be at the discretion of the Engineer to determine what rate is sufficient for adequate protection of newly seeded areas.

NATIVE WILDFLOWER MIX 1

PLS RATE	NAME	QTY (lb)
0.3	Butterfly Milkweed	
0.3	Common Milkweed	
0.3	Black Eyed Susan	
0.5	Blanket Flower	
0.5	False Sunflower	
0.5	Lance-Leaf Coreopsis	
0.2	Maximilian Sunflower	
0.1	New England Aster	
0.2	Pinnate Prairie Coneflower	
0.2	Plains Coreopsis	
0.3	Purple Coneflower	
0.3	Upright Prairie Coneflower	
0.3	Dames Rocket	
0.3	Lemon Mint	
0.2	Pitcher Sage	
0.2	Wild Bergamot	
1.0	Illinois Bundleflower	
0.2	Common Evening Primrose	
0.1	Hoary Verbena	
0.8	Purple Prairie Clover	
0.3	Roundhead Lespedeza	
3.0	Showy Partridge Pea	
0.2	White Prairie Clover	
10.3	Total (lb)	

NATIVE WILDFLOWER MIX 2

PLS RATE	NAME	QTY (lb)
0.3	Butterfly Milkweed	
0.3	Black Eyed Susan	
0.5	Black Sampson Coneflower	
1.0	Blanket Flower	
0.2	Maximilian Sunflower	
0.2	Plains Coreopsis	
0.2	Upright Prairie Coneflower	
0.2	Western Yarrow	
0.3	Lemon Mint	
0.4	Pitcher Sage	
1.5	Illinois Bundleflower	
0.2	Common Evening Primrose	
1.0	Blue Wild Indigo	
0.4	Leadplant	
0.4	Purple Prairie Clover	
0.3	White Prairie Clover	
7.4	Total (lb)	

Package and deliver the wildflower seed separately from the grass seed mix. Package and deliver the Tall Drop Seed separately from the grass seed and the wildflower mix. Place the grass seed (except Tall Drop Seed) in the large seed box and drill (cover) seed ⅛" - ¼". Place the wildflower seed in a separate seed box and drill (cover) seed 1/16" maximum. Place the Tall Drop Seed in a separate (third) seed box and place the seed (using the seed drill) on the soil surface.

OPTION: Broadcast Tall Drop Seed on the soil surface.

FOR INFORMATION ONLY

SUMMARY OF SEEDING QUANTITIES

P.L.S. RATE/ACRE SHLDR	P.L.S. RATE/ACRE OTHER	ACRES SHLDR	ACRES OTHER	BID ITEM	QUANTITY	UNIT
80			0.7	FERTILIZER (15-30-15)	56	LBS
0.3			0.7	SEED (BLUE GRAMA GRASS SEED (LOVINGTON))	0.2	LBS
11			0.7	SEED (BUFFALOGRASS SEED (TREATED))	7.7	LBS
0.16			0.7	SEED (PRAIRIE JUNEGRASS)	0.1	LBS
3.8			0.7	SEED (CANADA WILDRYE GRASS SEED)	2.7	LBS
2.3			0.7	SEED (SIDE OATS GRAMA GRASS SEED (EL RENO))	1.6	LBS
4			0.7	SEED (STERILE WHEATGRASS)	2.8	LBS
4			0.7	SEED (WESTERN WHEATGRASS SEED (BARTON))	2.8	LBS
				Mulching * 0.7 Acre @ 2 Tons/Ac.	1.4	TON

SHLDR = Seeded with the Shoulder Mix. Typically 15 feet for 2-lane roads and 30 feet for 4-lane roads. Includes outside roadsides, turfed portions of shoulders, and turfed portion of the median.

OTHER = Seeded with the "Other" Mix. Designated as all other turf areas, except the Shoulder. Usually includes a Native Wildflower Mix.

NOTE: Projects less than 1 acre shall be bid as "Seeding" by the lump sum. All disturbed areas shall be seeded, fertilized and mulched at the listed rate per acre. The acres are estimated.

** See LA852A for mulching quantity. The quantity of mulch is estimated (Acres of Seeding X 1.5 X 2 Tons/Acre). The total mulch required shall be determined in the field. The bid item for mulching shall be paid for according to the Standard Specifications.*

NO.	DATE	REVISIONS	BY	APP'D
3	12/01/17	Revised Standard	MRD	SHS
2	6/01/17	Revised Standard	MRD	SHS
1	2/01/17	Revised Standard	MRD	SHS

KANSAS DEPARTMENT OF TRANSPORTATION

PERMANENT SEEDING
SUMMARY OF SEEDING QUANTITIES

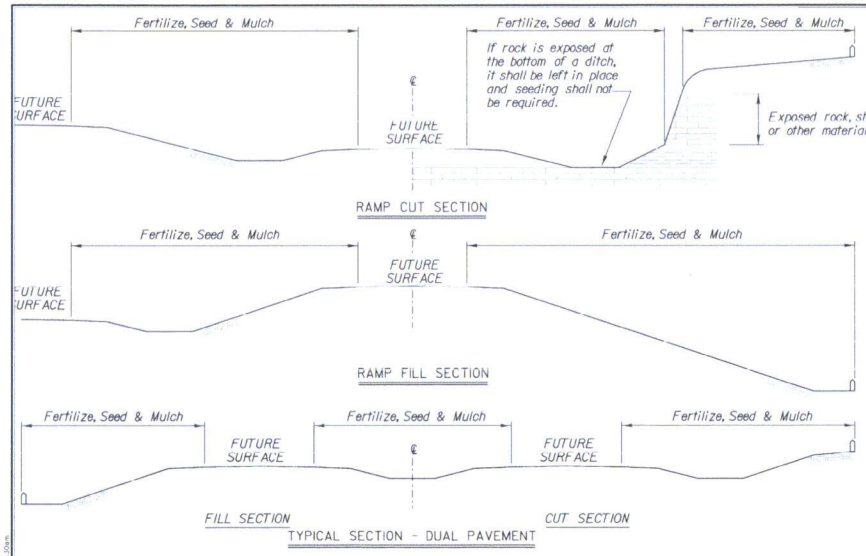
LA850

FHWA APPROVAL		1/26/2018	APP'D		Scott M. Shields
DESIGNED	MRD	DETAILED	MRD	QUANTITIES	CADD
DESIGN CK.		DETAIL CK.		QUANTITY CK.	CADD CK.

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3.a
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-6.9	18900.003	2018	39	53



FERTILIZER: A ratio and application rate that equals or exceeds the required minimum rate per acre of N, P_2O_5, K_2O listed in Summary of Quantities will be acceptable.

* - N = Nitrogen Rate of Application
** - P_2O_5 = Phosphorous Rate of Application
*** - K_2O = Potassium Rate of Application

The Contractor will be required to finish areas of excavation, borrow and embankment in accordance with the specifications. Areas that require installation or construction of temporary water pollution control items will be finished in reasonable close conformity to the alignment, grade and cross section shown on the plans or as established by the Engineer.

CLT = Construction Limit Tract. This area is defined by the entire disturbed area of the project that requires seeding and erosion control measures to be placed. Any impervious areas (i.e. pavement, gravel, riprap, etc.) shall not be included in this measurement.

Slope = Defined by the area of the project that requires Class 1 erosion control material to be placed. This area shall be seeded using the Soil Erosion Mix prior to placement of the material. Drilling seed is preferred, however, broadcasting is acceptable if drilling is not possible.

Channel = Defined by the area of the project that requires Class 2 erosion control material to be placed. This area shall be seeded using the Soil Erosion Mix prior to placement of the material. Drilling seed is preferred, however, broadcasting is acceptable if drilling is not possible.

GENERAL NOTES

The entire disturbed area, excepting the paved or surfaced areas, steep rocky slopes and areas of undisturbed native sod or other desirable vegetation shall be fertilized (limed when required), seeded, and mulched. Soil preparation shall conform to the Standard Specifications.

Temporary seeding shall be done during any time of the year that the soil can be cultivated. After the temporary seeding has been completed on the entire project, permanent seeding shall be done during the normal seeding season.

MULCHING: Mulch shall be spread uniformly over all disturbed areas and punched in the soil, unless otherwise noted on the plans. The rate of application per acre, thickness in place, for the mulching materials is generally as follows:

1¾ - 2¼ Tons per Acre = 1½" loose depth spread uniformly over acre.

Agricultural products, such as native prairie hay, used for mulching and erosion control practices, excluding wood based mulch, shall meet the North American Weed Free Forage Standards.
Other vegetative mulches are acceptable only with the Engineer's concurrence.

The above rate is a guide. It will be at the discretion of the Engineer to determine what rate is sufficient for adequate protection of newly seeded areas.

FOR INFORMATION ONLY

SUMMARY OF SEEDING / EROSION CONTROL QUANTITIES

P.L.S. RATE/ ACRE		ACRES		BID ITEM	QUANTITY	UNIT
CLT	SL/CH	CLT	SL/CH			
100		0.7		Temporary Fertilizer (15-30-15)	70	LB
15		0.7		Temporary Seed (Canada Wildrye)	11	LB
				Temporary Seed (Grain Oats)		LB
25		0.7		Temporary Seed (Sterile Wheatgrass)	18	LB
				Soil Erosion Mix		LB
				Erosion Control (Class 1, Type Y)		SQ YD
				Erosion Control (Class 2, Type Y)		SQ YD
				Sediment Removal (Set Price)	1	CU YD
				Synthetic Sediment Barrier		LF
				Temporary Berm (Set Price)	1	LF
				Temporary Ditch Check (Rock)	101	LF
				Temporary Inlet Sediment Barrier		EACH
				Temporary Sediment Basin		CU YD
				Temporary Slope Drain		LF
				Temporary Stream Crossing		EACH
				Biodegradable Log (9")		LF
				Biodegradable Log (12")		LF
				Biodegradable Log (20")		LF
				Filter Sock (****)		LF
				Geotextile (Erosion Control)		SQ YD
				Silt Fence	434	LF
				SWPPP Design †		LS
				SWPPP Inspection †		EACH
				Water Pollution Control Manager †		EACH
900 lbs / acre		0.7		Mulch Tacking Slurry	630	LB
2 tons / acre		0.7		Mulching	1.4	TON
				Water (Erosion Control) (Set Price)	1	MGAL

NOTE: Projects less than 1 acre shall be bid as "Seeding" by the lump sum. See Permanent Seeding Summary of Seeding Quantities sheet LA850 for further details.

Geotextile (Erosion Control) shall be removed prior to placement of permanent slope protection.

Regreen and Quick Guard are the approved sterile wheatgrass products.

† If the total disturbed area of the project, not just the seeding area, is 1 acre or more, then these bid items must be included.

**** List size of material.

The amount of mulch and mulch tacking slurry in the bid quantities is estimated. (Acres of Seeding X 1.5 X 2 Tons/Acre). The estimated quantity includes mulching associated with both temporary and permanent seeding operations. The total mulch and mulch tacking slurry required shall be determined in the field. The bid item for mulching and mulch tacking slurry shall be paid for according to the Standard Specifications.

SOIL EROSION MIX

PLS RATE	NAME	QTY (lb)
	Total (lb)	

The Soil Erosion Mix is to be placed under the Class 1 and/or Class 2 erosion control material.

The Soil Erosion Mix consists of the Shoulder Area of the Permanent Seed Mix used on the project.

NO.	DATE	REVISIONS	BY	APP'D
3	12/01/17	Revised Standard	MRD	SHS
2	6/01/17	Revised Standard	MRD	SHS
1	2/01/17	Revised Standard	MRD	SHS

KANSAS DEPARTMENT OF TRANSPORTATION

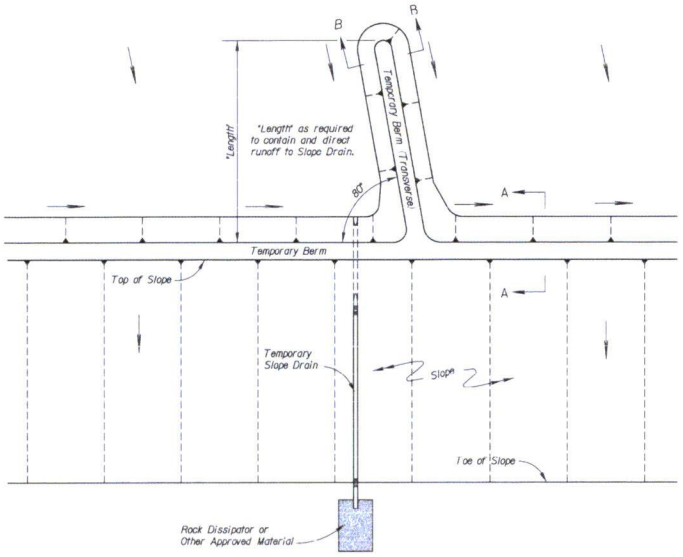
TEMPORARY EROSION AND POLLUTION CONTROL

LA852A

FHWA APPROVAL		1/26/2018	APP'D	Scott H. Shields	
DESIGNED	MRD	DETAILED	MRD	QUANTITIES	CADD
DESIGN CK.	SHS	DETAIL CK.	SHS	QUAN.CK.	CADD CK.

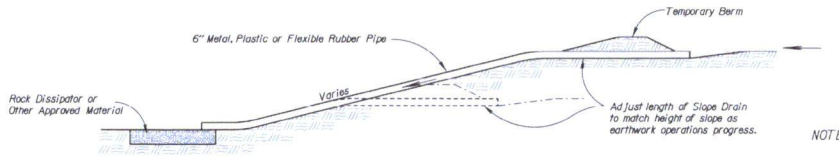
Packet Pg. 47
3.a
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	40	53



TYPICAL PLAN VIEW OF TEMPORARY BERM AND TEMPORARY SLOPE DRAIN

NO SCALE



TYPICAL PROFILE OF TEMPORARY SLOPE DRAIN

NO SCALE

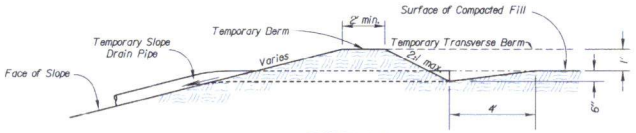
NOTES:

1) Temporary Slope Drain and Temporary Berm may be used on either project foreslopes or project backslopes.

2) Discharge of Slope Drains shall be into stabilized ditch or area, or into Sediment Basin.

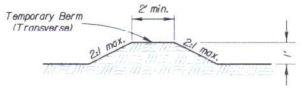
3) Pipe shall be secured in place as approved by Engineer.

4) Temporary Berms under 2,000 feet shall be bid by Set Price.



SECTION A-A

NO SCALE

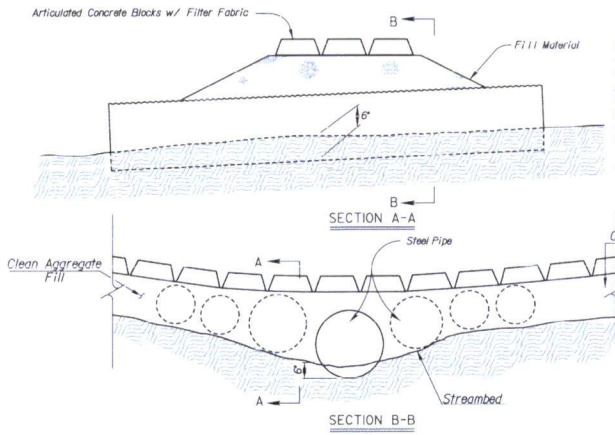


SECTION B-B

NO SCALE

TYPICAL PROFILE OF TEMPORARY BERM

NO SCALE



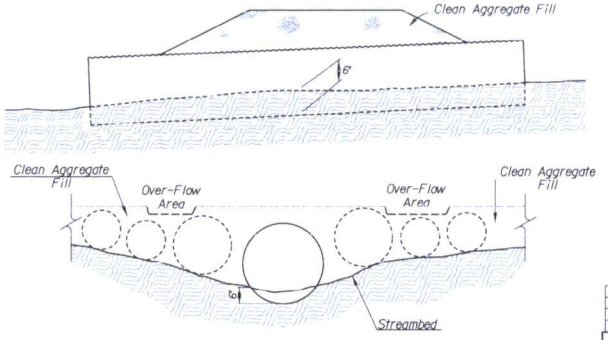
Pipe size may vary

Place 1 pipe buried 6" into stream bottom, in the lowest point of the channel to allow the passage of aquatic organisms, with additional pipes placed along the remainder of the stream channel bottom such that ordinary high water (OHW) flows designated in the Contract Documents shall flow through the pipes without overtopping the crossing.

See KDOT Specifications for more information

TEMPORARY STREAM CROSSING (ARTICULATED CONCRETE BLOCKS)

NO SCALE



Pipe size may vary

Place 1 pipe buried 6" into stream bottom, in the lowest point of the channel to allow the passage of aquatic organisms, with additional pipes placed along the remainder of the stream channel bottom such that ordinary high water (OHW) flows designated in the Contract Documents shall flow through the pipes without overtopping the crossing.

See KDOT Specifications for more information

TEMPORARY STREAM CROSSING (AGGREGATE)

NO SCALE

NO.	DATE	REVISIONS	BY	APP'D
3	6/11/13	Revised Standard	MRM	SHS
2	11/01/10	Revised Standard	MRM	SHS
1	10/15/10	Revised Standard	WCL	RDR

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

TEMPORARY SLOPE DRAIN

TEMPORARY STREAM CROSSING (AGGREGATE)

TEMP. STREAM CROSS. (ARTC. CONC. BLOCKS)

LA852B

FHWA APPROVAL	11/08/2010	APP'D	Scott M. Shields
DESIGNED MRM	DETAILED	QUANTITIES	CADD
DESIGN CK. SHS	DETAIL CK.	QUAN.CK.	CADD CK.

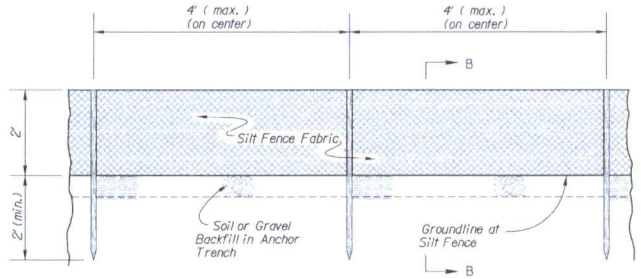
Packet Pg. 48

3.a

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

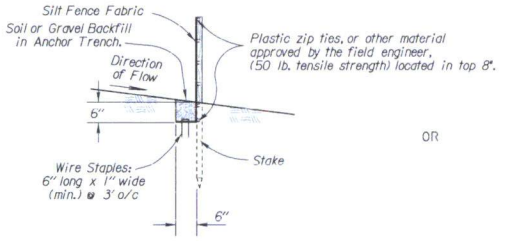
STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-6.9	18900.003	2018	41	53



TYPICAL ELEVATION

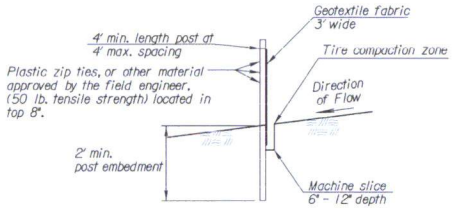
SILT FENCE BARRIER

NO SCALE



SECTION B-B

OR



SECTION B-B

INSTALLATION NOTES

SILT FENCE:

1. Stakes shall be 4' (min.) long and of one of the following materials:
   a. Hardwood - 1 3/16" x 1 3/16";
   b. Southern Pine (No. 2) - 2 5/8" x 2 5/8";
   c. Steel U, T, L, or C Section - .95 lbs. per 1'-0"; or
   d. Synthetic - same strength as wood stakes.
2. Attach fence fabric with 3 zip ties within the top 8" of the fence. Alternate attachment methods may be approved by the Engineer on a performance basis.
3. Use of high flow material is acceptable.
4. Refer to plan sheets to estimate the length of silt fence required.

BIODEGRADABLE LOG OR FILTER SOCK

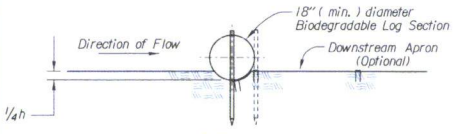
1. Place biodegradable logs or filter sock tightly together minimum overlap of 18".
2. Wood stakes shall be 2" x 2" (nom.).
3. Refer to plan sheets to estimate length of biodegradable log and filter sock required.
4. Each log or sock (except compost filter socks) should be keyed into the ground at a minimum of 25% of its height. Compost filter socks should be placed on smooth prepared ground with no gaps between the sock and soil.
5. Length of stakes should be 2 times the height of the log at a minimum with minimum ground embedment equal to the height of the log / sock.

Biodegradable Log or Filter Sock Slope Interruptions

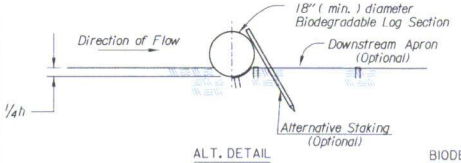
		PRODUCT		
		9" Sediment Log or 8" Filter Sock (ft)	12" Sediment Log or 12" Filter Sock (ft)	20" Sediment Log or 18" Filter Sock (ft)
Slope Gradient	≤4H:1V	40	60	80
	3H:1V	30	45	60

Deviations should be approved by the Field Engineer.

BIODEGRADABLE LOG MATERIAL		
	LOW FLOW	HIGH FLOW
9"	Straw/Compost	Excelsior / Wood Chips / Coconut Fiber
12"	Straw/Compost	Excelsior / Wood Chips / Coconut Fiber
18"-20"	Straw/Compost	Excelsior / Wood Chips / Coconut Fiber

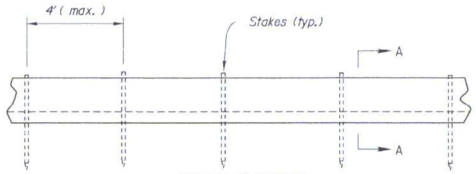


SECTION A - A



ALT. DETAIL

OPTIONAL



TYPICAL ELEVATION

BIODEGRADABLE LOG SLOPE INTERRUPTIONS

OR Filter Sock

GENERAL NOTES

1) Slope interruptions shall be placed along contour lines, with a short section turned upgrade at each end of the barrier.

2) The maximum length of the slope interruptions shall not exceed 250 feet, and the barrier ends need to be staggered.

3) Interruptions damaged by Contractor's negligence, including improper maintenance or lack of maintenance, shall be repaired immediately by Contractor at no additional cost to KDOT.

4) Agricultural products, such as native prairie hay, used for mulching and erosion control practices, excluding wood based mulch, shall meet the North American Weed Free Forage Standards.

NO.	DATE	REVISIONS	BY	APP'D
3	6/28/16	Revised Standard	RA	SHS
2	3/01/15	Revised Standard	RA	SHS
1	6/01/13	Revised Standard	MRM	SHS

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

SLOPE INTERRUPTIONS

BIODEGRADABLE LOG / SILT FENCE

LA8520

FHWA APPROVAL		9/14/2016	APP'D		Scott H. Shields
DESIGNED	SHS	DETAILED	RA	QUANTITIES	CADD
DESIGN CK.	SHS	DETAIL CK.		QUAN.CK.	CADD CK.

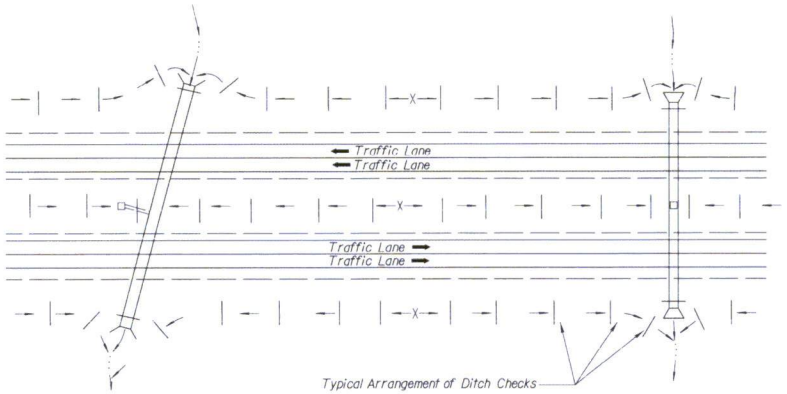
41 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-6.9	18900.003	2018	42	53



TYPICAL DITCH CHECK LAYOUT PLAN
NO SCALE

20" BIOLOG CHECK SPACING	
DITCH ℄ SLOPE (%)	SPACING INTERVAL (FEET)
1.0	125
2.0	60
3.0	40
4.0	30
5.0	25
NOTE: Use this spacing for all except Rock Ditch Checks.	

18" FILTER SOCK CHECK SPACING	
DITCH ℄ SLOPE (%)	SPACING INTERVAL (FEET)
1.0	110
2.0	55
3.0	35
4.0	25
5.0	20
NOTE: Use this spacing for all except Rock Ditch Checks.	

GENERAL NOTES

1) The choice of ditch check methods is at the option of the Contractor.

2) Use only rock checks in situations where the ditch slope is 6 percent or greater.

2) Ditch checks damaged by Contractor's negligence, including improper maintenance or lack of maintenance, shall be repaired by Contractor at no extra cost to KDOT.

NO.	DATE	REVISIONS	BY	APP'D
3	8/10/16	Revised Standard	RAA	SHS
2	6/28/16	Revised Standard	RAA	SHS
1	6/01/13	Revised Standard	MRM	SHS

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

DITCH CHECKS

LA852E

FHWA APPROVAL		9/14/2016	APP'D	Scott M. Shields	
DESIGNED	SHS	DETAILED	RAA	QUANTITIES	CADD RAA
DESIGN CK.	SHS	DETAIL CK.	SHS	QUANCK.	CADD CK. SHS

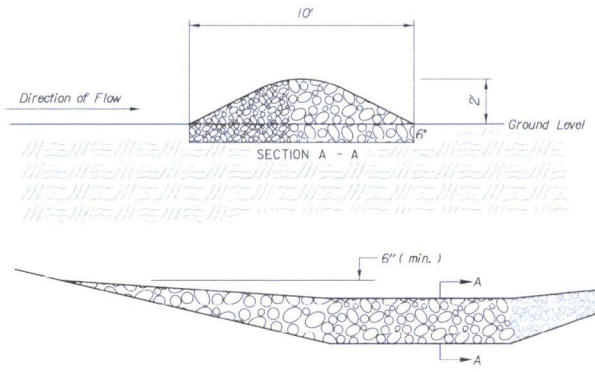
42 OF 53
Exhibit A-2

Drawing name: c:\pwdata\appdata\vhcl0685.pw\17115\18900.003\det\ra852e_det01.dgn Cell name: ARCH Plotted by: MRACHER Plotted on: Oct 29, 2018 - 9:10pm

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-6.9	18900.003	2018	43	53



TYPICAL ELEVATION

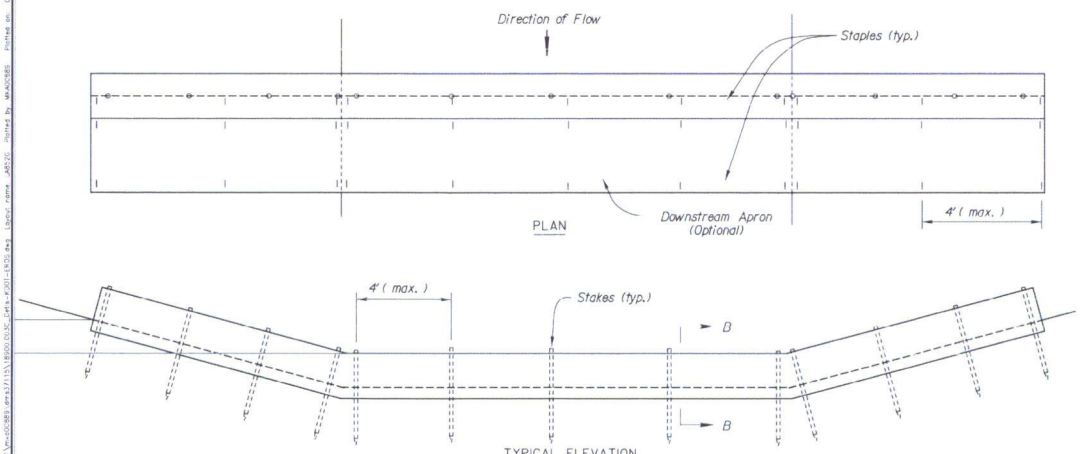
ROCK DITCH CHECK

NO SCALE

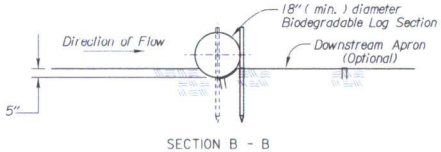
TEMPORARY ROCK DITCH CHECK SPACING	
DITCH @ SLOPE (%)	SPACING INTERVAL (FEET)
5.0	60
6.0	50
7.0	43
8.0	36
9.0	33
10.0	29
NOTE: Use this spacing only for Rock Ditch Checks.	

ROCK DITCH CHECK NOTES

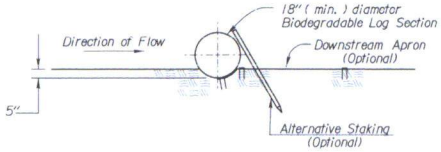
1. Rock shall be clean aggregate, D50 = 6".
2. Place rock in such manner that water will flow over, not around ditch check.
3. Do not use rock ditch checks in clear zone.
4. Excavation: The ditch area shall be reshaped to fill any eroded areas. Prior to placement of the rock, the ditch shall be excavated to the dimensions of the Rock Ditch Check and to a minimum depth of 6" (150mm). After placement of the rock, backfill and compact any over excavated soil to ditch grade. This work shall be subsidiary to the bid item Temporary Ditch Check (Rock).
5. Aggregate excavated on site may be used as an alternate to the 6" rock, if approved by the Engineer.
6. The Engineer may approve the use of larger aggregates for the downstream portion of the check when conditions warrant their use.
7. When the use of larger rock is approved, the upstream portion of the check should be constructed of D50 = 6" or smaller.



TYPICAL ELEVATION



SECTION B - B



ALT. DETAIL OPTIONAL

BIODEGRADABLE LOG DITCH CHECK

OR Filter Sock Ditch Check

NO SCALE

BIODEGRADABLE LOG DIKE NOTES

1. Use as many biodegradable log sections as necessary to ensure water does not flow around end of ditch check.

2. Overlap sections a minimum of 18".

3. Stakes shall be wood or steel according to Section 2114 of the Standard Specifications. Length of stakes shall be a minimum of 2 x the diameter of the log.

4. Use Erosion Control (Class 1) (Type C) as the downstream apron when required.

5. A downstream apron is required when directed by the Engineer. Apron material will be paid at the contract unit price.

6. Each log or sock (except compost filter socks) should be keyed into the ground at a minimum of 25% of its height. Compost filter socks should be placed on smooth prepared ground with no gaps between the sock and soil.

NO.	DATE	REVISIONS	BY	APP'D
3	8/10/16	Revised Standard	RAA	SHS
2	10/21/15	Revised Standard	RAA	SHS
1	3/15/14	Revised Standard	RAA	SHS

18900.003

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

ROCK DITCH CHECKS

BIODEGRADABLE LOG DITCH CHECKS

LA852G

FHWA APPROVAL	9/14/2016	APP'D	Scott H. Shields		
DESIGNED	SHS	DETAILED	RAA	QUANTITIES	CADD RAA
DESIGN CK.	SHS	DETAIL CK.	SHS	QUAN.CK.	CADD CK. RAA

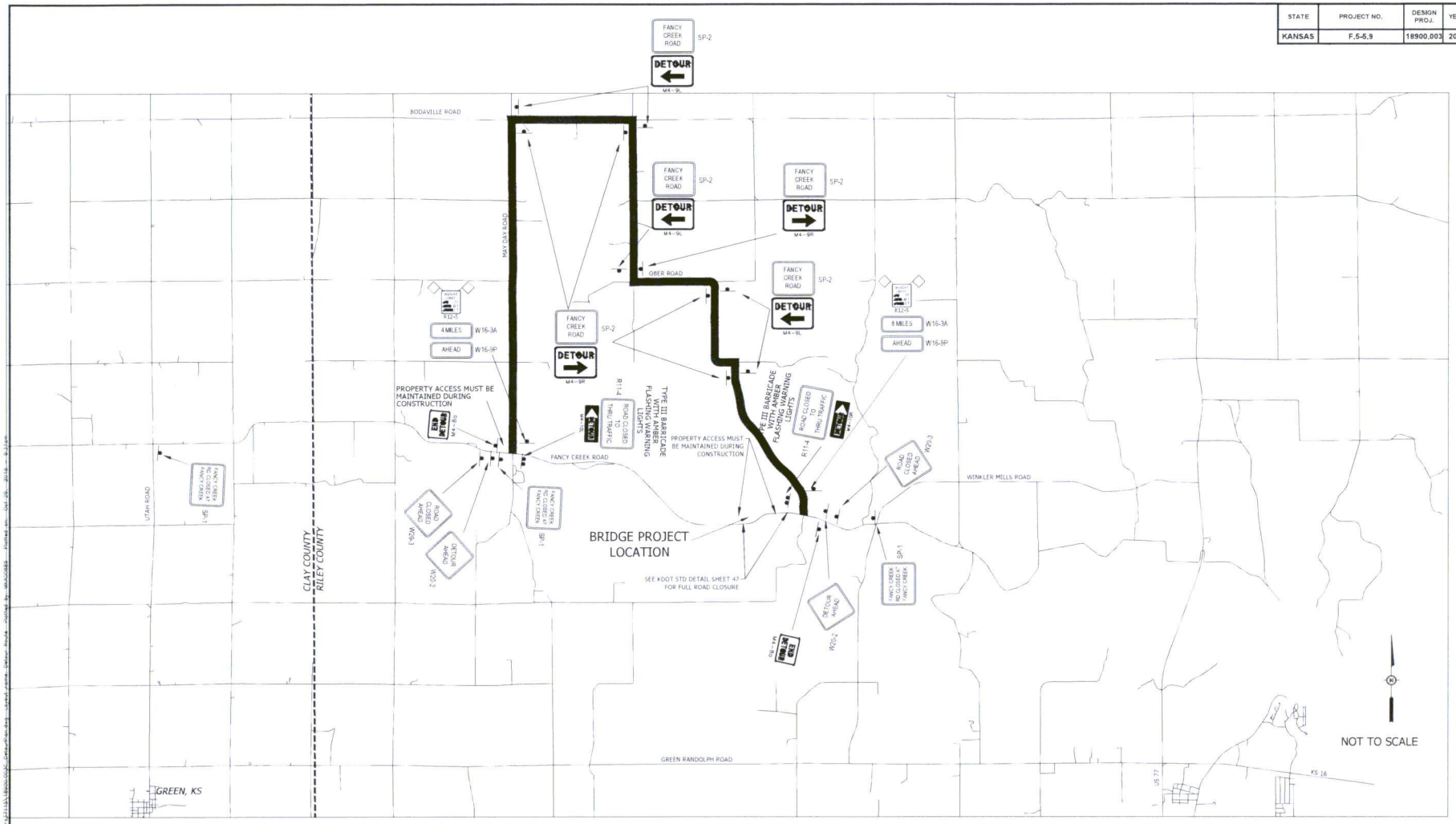
43 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	44	53



GENERAL NOTES:

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL TRAFFIC CONTROL DEVICES.

ALL BARRICADES SHALL BE REFLECTORIZED AND HAVE AMBER FLASHING LIGHTS.

TYPE III BARRICADE PLACEMENT FOR ROAD CLOSURES SHALL BE ONE BARRICADE PER DRIVING LANE CLOSED.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M,U,T,C,D,) OR CURRENT REVISION THEREOF.

PROPERTY ACCESS MUST BE MAINTAINED DURING CONSTRUCTION.

NO.	DATE	REVISION	BY	APP'D

DETOUR PLAN
SIGN LOCATIONS
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
www.bartlettwest.com

DATE OCT 2018
W.O. 18900.003
44 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900,003	2018	45	53

1) Design Speed: Those items delegated to temporary traffic control should be designed and installed using the posted/legal speed of the roadway prior to work starting.

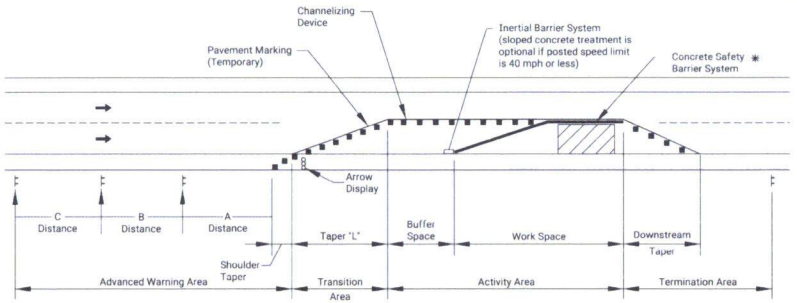
2) Minimum Lane Width: Lane widths shall be a minimum of 11' (measured between centerlines of pavement markings) or as shown on the plans, or as directed by the engineer. A lane width less than 11' may require restricted roadway width signing.

3) Consideration should be made to separate pedestrian and, if needed, bicycle movements from both work site activity and vehicular traffic. Unless a reasonable safe route that does not involve crossing the roadway can be provided, pedestrians should be appropriately directed with advance signing that encourages them to cross to the opposite side of the roadway. In urban and suburban areas with high vehicular traffic volumes, these signs should be placed at intersections (rather than midblock locations) so that pedestrians are not confronted with midblock work sites that will induce them to attempt skirting the work site or making a midblock crossing.

4) When existing pedestrian facilities are disrupted, closed, or relocated, the temporary facilities shall be detectable and include accessibility features consistent with the features present in the existing pedestrian facility.

5) When the driving surface open to traffic is milled or is a temporary surface made of loose material, or when directed by the engineer a W8-15 (Grooved Pavement) or W8-7 (Loose Gravel) sign shall be used on mainline approaches. This sign should be placed a "C" distance after the W20-1 (Road Work Ahead) sign. A W8-15p motorcycle plaque shall be used to supplement the W8-15 or W8-7 signs. All signs shall be displayed as long as the condition is present.

6) Alternative temporary rumble strip options may be available. Please contact the Temporary Traffic Control Unit for more information at 785-296-1179 or 785-296-1183.



TYPICAL WORK ZONE COMPONENTS

✱ When concrete barrier system is used, portable channelizing devices are not needed along the tangent barrier section.

Minimum advance warning sign spacing (in feet):

SPEED (MPH) ✱	A	B	C
URBAN (40 MPH OR LOWER)	100	100	100
URBAN (45 MPH OR HIGHER)	350	350	350
RURAL (55 MPH OR LOWER)	500	500	500
RURAL (60 MPH OR HIGHER)	750	750	750
EXPRESSWAY/FREEWAY	1000	1500	2640

✱ Posted speed prior to work starting

The minimum spacing between signs shall be no less than 100', unless directed by the engineer.

The spacing between any signs may be increased beyond the minimum values in the table above as approved by the engineer in order to maximize visibility.

Taper Formulas:

L = WS for speeds of 45 MPH or more

L = WS²/60 for speeds of 40 MPH or less

Where: L = Minimum length of taper in feet
S = Numericial value of posted speed prior to work starting in MPH
W = Width in offset feet

Shifting Taper=1/2 L
Shoulder Taper=1/3 L

Channelizer Placement:

(1) The spacing between devices in transition area (taper) should not exceed a distance in feet equal to 1/2 the posted speed limit in mph prior to work starting.

(2) The spacing between devices in the advanced warning area and the activity area should not exceed a distance in feet equal to two times the posted speed limit in mph prior to work starting.

(3) Channelizing devices shall be placed for optimum visibility, normally at right angles to the traffic flow.

(4) Place directional indicator barricades in series to direct traffic onto the new path. The arrow sign should not be visible to opposing traffic.

(5) Alternating diagonal orange and white striping must slope downward in the direction traffic is expected to pass.

Buffer Space

SPEED (MPH) ✱	20	25	30	35	40	45	50	55	60	65	70	75
LENGTH (ft)	115	155	200	250	305	360	425	495	570	645	730	820

✱ Posted speed prior to work starting

Neither work activity nor storage of equipment, vehicles, or material should occur in the buffer space. When a protection vehicle is placed in advance of the work space, only the space upstream of the vehicle constitutes the buffer space.

If temporary concrete safety barrier system is used to separate approaching traffic from the work space, the barrier system shall be considered part of the activity area. A full lane width should be available throughout the length of the buffer space. See typical work zone components above.

NO	DATE	REVISIONS	BY	APP'D
3				
2	03/13/18	W8-15p usage changed to Shall	R.W.B.	E.G.K.
1	08/16/15	Channelizer spacing info	R.W.B.	K.E.

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL GENERAL NOTES

TE700

FHWA APPROVAL		03/13/18	APP'D	Eric Kocher	
DESIGNED	B.A.H.	DETAILED	R.W.B.	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.		QUAN. CK.	TRACE CK.

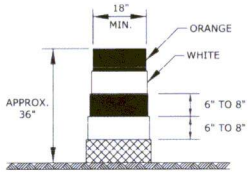
45 53

Exhibit A-2

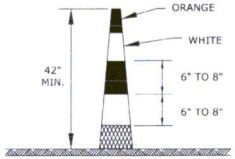
Drawing name: s:\pw\2018\signals\Proj\0580.dra\711\1\8900.003_Details\TE701_traffic.dwg output name: TE700 Plotted by: MKADEBS Plotted on: Oct 29, 2018 - 8:31am

DACW41-3-22-0061

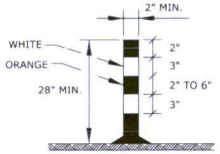
STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	46	53



DRUM

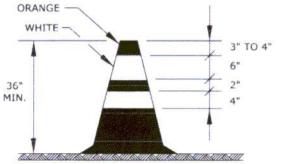


CONICAL DELINEATOR

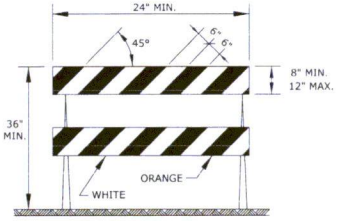


TUBULAR MARKER

Striping as shown for up to 42".

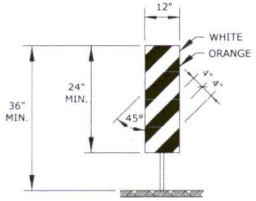


TRAFFIC CONE



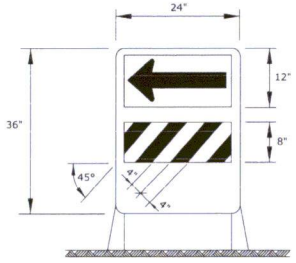
TYPE 2 BARRICADE

For rails less than 36" long, 4" wide stripes may be used. All stripes shall slope downward to the traffic side for channelization.



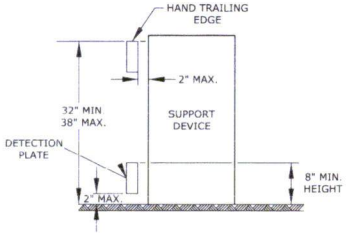
VERTICAL PANEL

The stripes shall slope downward to the traffic side for channelization.



DIRECTION INDICATOR BARRICADE

The stripes shall slope downward in the direction traffic is to pass. The direction indicator barricade shall be used in series to direct the motorist into the intended lane of travel.



PEDESTRIAN CHANNELIZER

1. Support device shall not project beyond the detection plate into the pathway.
2. Hand trailing edges and detection plates are optional for continuous walls.
3. Interconnect pedestrian channelizers to prevent displacement and to provide continuous guidance through or around work.
4. Alternate pathways shall be firm, stable, and slip resistant.
5. Treat height differentials > 1/2" in the surfaces of alternate paths with a firm, stable, and slip resistant temporary ramp having a slope of 12:1 or flatter and having a width equal to the alternate path.
6. Use alternating orange/white on interconnected devices.

ITEM	LOCATION	Cross-overs	Shoofly Diversions	Tangents	Tapers	Ramps	Head to Head	Object Identifier	Lead-in Devices	Gores
PORTABLE										
	Drums	Yes	Yes	Yes	Yes	Yes	(1)	Yes	Yes	Yes
	Conical Delincators	Yes	Yes	Yes	Yes	Yes	(1)	Yes	Yes	Yes
	Vertical Panels	(2)	(2)	(2)	(2)	(2)	(1,2)	YES	(2)	(2)
	Direction Indicator Barricade	NO	NO	NO	Yes	NO	NO	NO	NO	NO
	Type 2 Barricade	(2)	(2)	(2)	(2)	NO	NO	Yes	NO	NO
	Traffic Cones	NO	NO	(4)	(4)	(4)	NO	(4)	(4)	(4)
FIXED										
	Tubular Markers	(3)	(3)	(3)	NO	(3)	Yes	NO	Yes	Yes
	Vertical Panels	(3)	(3)	(3)	(3)	(3)	(3)	Yes	(2,3)	(2)

(1) Not allowed on centerline delineation along freeways or expressways.
(2) The stripes shall slope downward to the traffic side for channelization.
(3) May be used upon the approval of the engineer.
(4) Daytime operations only.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL CHANNELIZING DEVICES

TE702

FHWA APPROVAL		06/01/18	APP'D	Kristine Erikson	
DESIGNED	L.E.A.	DETAILED	R.W.B.	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.		QUAN. CK.	TRACE CK.

46 53

Exhibit A-2

Drawing name: C:\projects\pgasco\Work\0389\dgn\371115\TE702D2C_Cell-FULL.dgn Active date: 11/12 Plotted by: MRADEBO Plotted on: Oct 29, 2018 - 9:31am

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900,003	2018	47	53

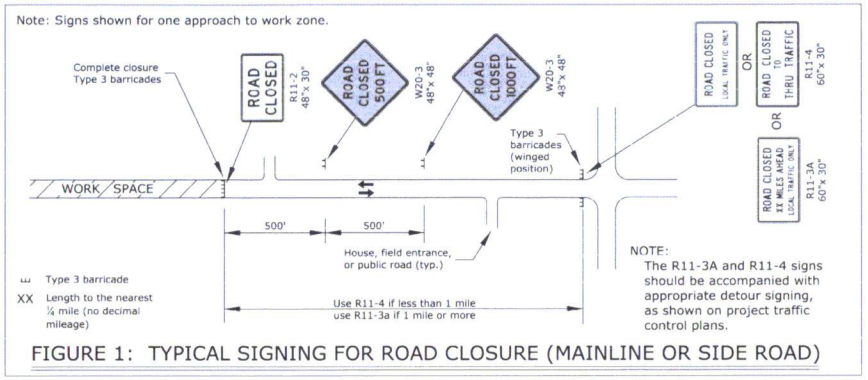


FIGURE 1: TYPICAL SIGNING FOR ROAD CLOSURE (MAINLINE OR SIDE ROAD)

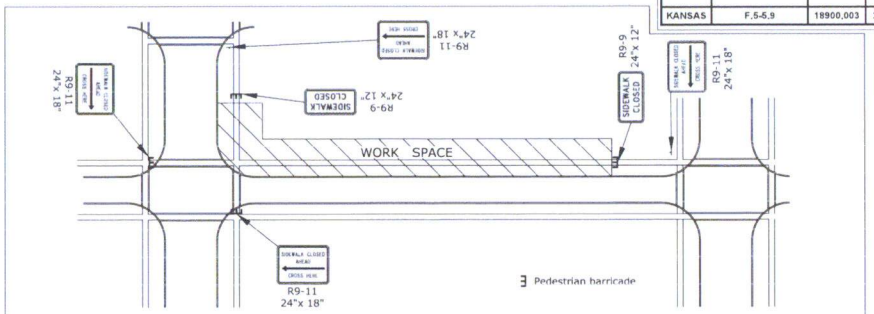


FIGURE 4: TYPICAL SIGNING FOR SIDEWALK CLOSED WITH OPPOSITE SIDEWALK AVAILABLE

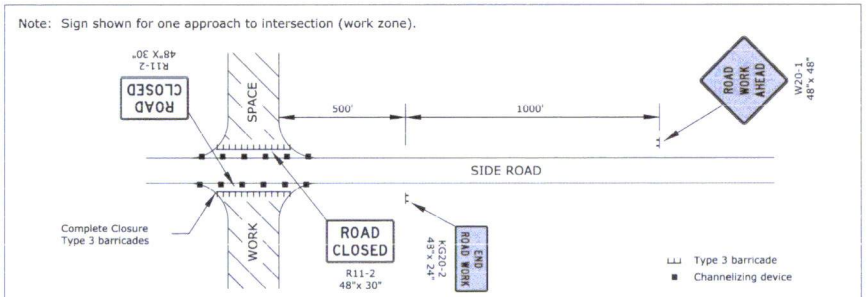
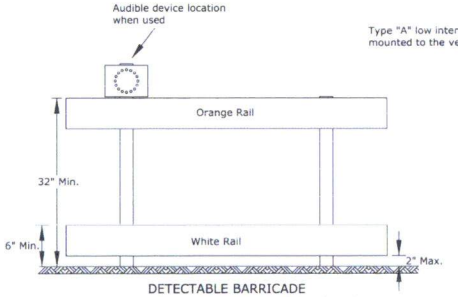
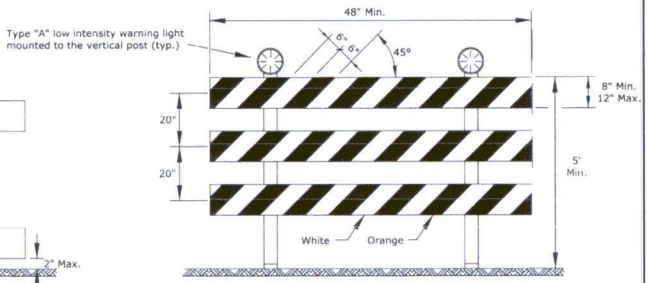


FIGURE 2: TYPICAL SIGNING FOR SIDE ROAD OPEN



DETECTABLE BARRICADE

1. Support device shall not project beyond the detection plate into the pathway.
2. Barricades shall be used to close the entire width of the pathway.
3. Do not use warning lights on pedestrian barricades.
4. Do not use warning lights on audible devices.



TYPE 3 BARRICADE WITH LIGHTS

Approved signs mounted on Type 3 barricades should not cover more than 50% of the top two rails or 33% of the total area of the three rails.

When barricades are placed end-to-end or staggered, a Type "A" low intensity warning light shall be mounted to the vertical post near each outside corner of the end barricades.

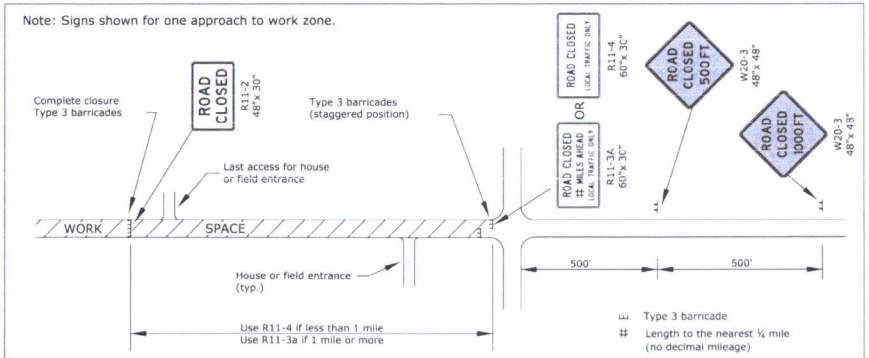


FIGURE 3: TYPICAL SIGNING FOR ROAD CLOSURE - LOCAL TRAFFIC ACCESS

ROAD CLOSED GENERAL NOTES

As shown in Figure 1, at the point where thru traffic must detour and local traffic can proceed to the location where the roadway is completely closed, the R11-3a (ROAD CLOSED # MILES AHEAD LOCAL TRAFFIC ONLY) or R11-4 (ROAD CLOSED LOCAL TRAFFIC ONLY or ROAD CLOSED TO THRU TRAFFIC) sign shall be used with Type 3 barricades (winged position), placed on the shoulders of roadway.

As shown in Figure 3, when local traffic must be allowed access into the work zone, Type 3 barricades shall be longitudinally staggered to maintain the appearance of a closed roadway. A second line of end-to-end Type 3 barricades shall be placed just beyond the last access point in the work zone, to completely close the roadway.

The R11-4 (ROAD CLOSED TO THRU TRAFFIC or ROAD CLOSED LOCAL TRAFFIC ONLY) sign shall be used when the distance to the point of complete closure of the roadway is less than 1 mile.

The R11-3a (ROAD CLOSED # MILES AHEAD LOCAL TRAFFIC ONLY) sign shall be used when the distance to the point of complete closure of the roadway is 1 mile or greater.

The words "BRIDGE OUT" (or BRIDGE CLOSED) may be substituted for the words "ROAD CLOSED" on the R11-3a or R11-4 sign where applicable.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL CLOSURES

TE704

FHWA APPROVAL		06/01/15	APP'D	Kristine Ericksen	
DESIGNED	B.A.H.	DETAILED	R.W.B.	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.		QUAN. CK.	TRACE CK.

47 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

SIGN LAYOUT INFORMATION

END ROAD WORK — KG20-2 — STD. SIZE EXPWY/FREEWAY: 6" C, 48"x 24"

WAIT FOR PILOT CAR — KG20-5 — STD. SIZE EXPWY/FREEWAY: 6" C, 48"x 24"

WORK ZONE — KM4-20 — STD. SIZE: 3" C, 24"x 6" — EXPWY/FREEWAY: 6" C, 48"x 12"

NEXT X MILES — W7-3a — Mileage to be determined by the engineer.


W8-17

SHOULDER DROP-OFF — W8-17P (OPTIONAL) — STD. SIZE EXPWY/FREEWAY: 30"x 24"

GROOVED PAVEMENT — W8-15 — STD. SIZE EXPWY/FREEWAY: 8" D, 48"x 48"

LOOSE GRAVEL — W8-7 — STD. SIZE EXPWY/FREEWAY: 8" D, 48"x 48"


W8-15p — STD. SIZE EXPWY/FREEWAY: 30"x 24"

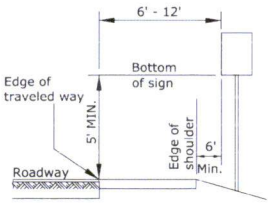
UNEVEN LANES — W8-11 — STD. SIZE EXPWY/FREEWAY: 8" D, 48"x 48"

NB US-75 CLOSED FOLLOW DETOUR — SP-01 (SPECIAL SIGN) — STD. SIZE: 6" C — EXPWY/FREEWAY: 10" D

US-75 CLOSED NORTH OF Topeka FOLLOW DETOUR — SP-02 (SPECIAL SIGN)

	STD. SIZE	EXPWY/FREEWAY
UPPERCASE:	6" C	10" D
LOWERCASE:	4.5" C	8" D

ALL CITY NAMES AND STREET NAMES ON SPECIAL SIGNS AND DESTINATION SIGNS MUST HAVE UPPER AND LOWER CASE LETTERS.

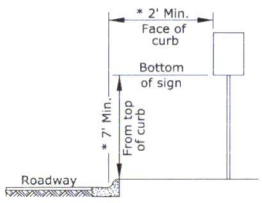


Rural

1) Ground-mounted signs shall be mounted at a minimum height of 5' measured from the bottom of sign to the near edge of the pavement.

2) Large signs having an area exceeding 50 square feet installed on multiple breakaway posts shall be mounted a minimum of 7' above the ground.

3) The height of the secondary sign mounted below another sign may be 4' measured from the bottom of the sign to the near edge of the pavement. Signs shall not overlap each other.



Urban

1) Signs shall be mounted at a minimum height of 7' measured from the bottom of sign to the near edge of the pavement.

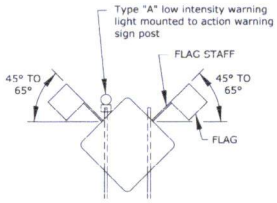
2) Neither portable nor permanent sign supports should be located on sidewalks or areas designated for pedestrian or bicycle traffic.

3) Signs mounted lower than 7' should not project more than 4" into pedestrian facilities.

4) The height from of the secondary sign mounted below another sign may be 6' measured from the bottom of sign to the near edge of the pavement. Signs shall not overlap each other.

5) Large signs having an area exceeding 50 square feet installed on multiple breakaway posts shall be mounted a minimum of 7' above the ground.

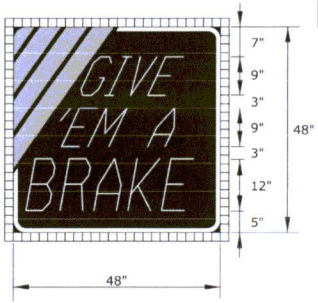
* 6) Pedestrian detour signing shall be a minimum of 2' measured from the top of the pedestrian pathway to the bottom of the sign and shall not protrude into the walkway nor shall it project beyond the back of curb.



When the sign width is equal to or greater than 9', three or more wood posts may be used with a minimum of 4' between the centerline of each post. All signs less than 9' in width shall use a maximum of two wood posts.

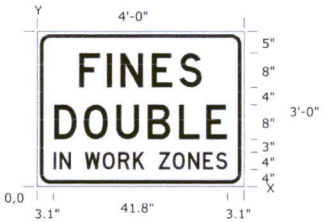
In the case of hitting rock when driving posts
1. Shift the sign location. Do not violate minimum sign spacing.
2. With the engineer's approval, use acceptable alternative sign stands.

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	48	53



KI-104a

SIGN NUMBER	GIVE EM A BRAKE
WIDTH x HEIGHT	4'-0" x 4'-0"
BORDER WIDTH	1.0"
CORNER RADIUS	4.0"
STRIPE WIDTH MOUNTING	3.0" GROUND
BACKGROUND	TYPE: NON-REFLECTIVE
	COLOR: BLACK
LEGEND/BORDER	TYPE: REFLECTIVE
	COLOR: WHITE
LEGEND FONT	DUTCH 801 ROMAN SWC 25 DEGREE SLANT
STRIPES	TYPE: REFLECTIVE
	COLOR: ORANGE



KI-105a

SIGN NUMBER	FINES DOUBLE
WIDTH x HEIGHT	4'-0" x 3'-0"
BORDER RADIUS	0.9"
CORNER RADIUS	3.0"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE
	COLOR: WHITE
LEGEND/BORDER	TYPE: NON-REFLECTIVE
	COLOR: BLACK

DIMENSIONS IN INCHES — SPACINGS ARE TO START OF NEXT LETTER

Y FONT	LETTER SPACINGS														HT LEN
23.0 D		F	I	N	E	S									8.0
	9.7	6.4	3.2	7.3	6.4	5.4	9.7								28.6
11.0 D		D	O	U	B	L	E								8.0
	3.9	6.9	7.5	7.3	7.3	6.4	4.9	3.9							40.3
4.0 D		I	N		W	O	R	K		Z	O	N	E	S	4.0
	3.1	1.6	2.7	3.2	4.3	3.8	3.6	2.8	3.2	3.4	3.8	3.6	3.2	2.7	3.1	41.8

Notes:

Typically, there are two sets of informational signs installed per project: one for each direction of traffic.

Install signs a minimum of 500' in advance of the road work ahead sign. The engineer may designate a more appropriate location if conditions dictate.

The informational signs are not to interfere with the traffic control signs for the project.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SIGN INFORMATION

TE7IO

FHWA APPROVAL		06/01/05	APP'D	Kristina Pyle	
DESIGNED	R.W.B.	DETAILED	R.W.B.	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.		QUAN. CK.	TRACE CK.

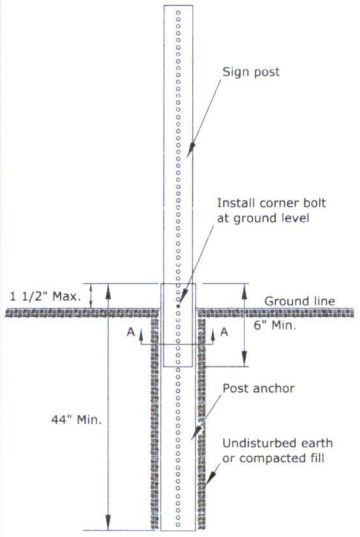
48 53

Exhibit A-2

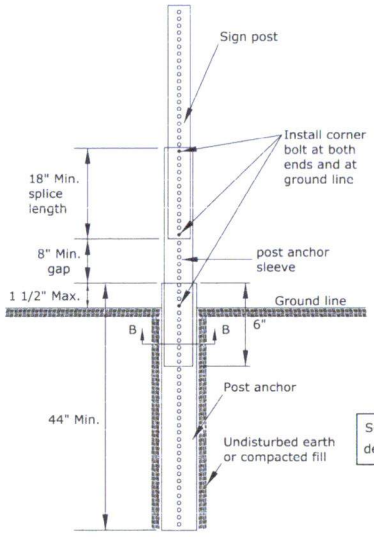
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	49	53

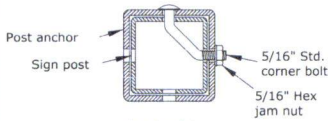
Perforated square steel tube (P.S.S.T.) post setup



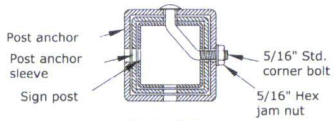
P.S.S.T. detail



Telescoping P.S.S.T. detail



Section A-A

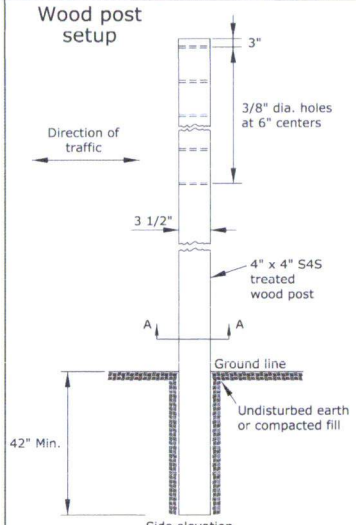


Section B-B

Details for 2", 2 1/4", or 2 1/2" sign posts

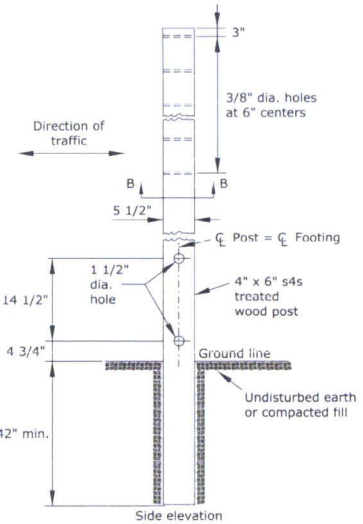
Place bolts in the same corner along each sign post.

Wood post setup



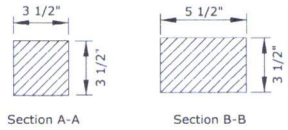
Side elevation

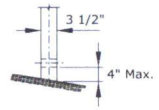
4" x 4" Wood post in soil



Side elevation

4" x 6" Wood post in soil

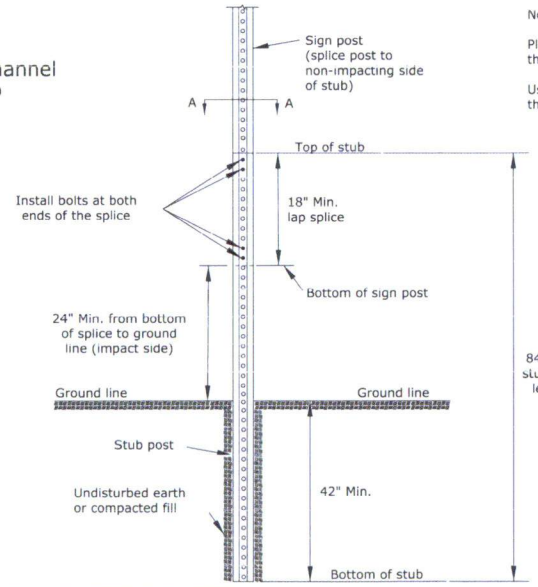




Front elevation

See TE710 for additional details and requirements

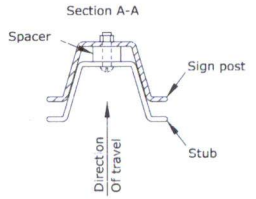
3 lb/f U-Channel setup



Notes:

Place two bolts at both ends of the splice through the holes nearest the ends of the splice.

Use manufacturer recommended spacers over the bolts between the spliced pieces of U-Channel.



NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SIGN POSTS

TE712

FHWA APPROVAL			06/01/18	APP'D	Kristina Fyie
DESIGNED	B.A.H.	DETAILED	R.W.B.	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.		QUAN. CK.	TRACE CK.

Packet Pg. 57
3.a
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

DACW41-3-22-0061

STATE	PROJECT NO.	CITY NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	50	53

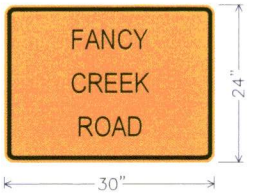
Summary Of Traffic Control Devices (Each)

Work Zone Sign (Special)		
Sign No.	16.25 Sq.Ft. & Less	16.26 Sq.Ft. & Over
SP-1	4	
SP-2	10	

SP-1



SP-2



**R12-5 SIGNS SHALL INCLUDE A FLAG ASSEMBLY

Summary Of Traffic Control Devices (Each Per Day)

* Quantity Most Used On The Project At Any One Time

Work Zone Signs *			
Sign No.	Size - Sq.Ft. 0-9.25	9.26-16.25	16.26 & Over
W20-7		2	
M4-8A	2		
M4-9L	5		
M4-9R	5		
M4-10L	1		
M4-10R	1		
R11-2		2	
R11-4		2	
R12-5	2**		
W16-3A	2		
W16-9P	2		
W20-2		2	
W20-3		6	
	20	12	

Barricades *		Channelizing Devices *		
Type 3 (4' To 12')	Pedestrian	Fixed	Portable	Pedestrian
	8			

Lighted Devices *	
Work Zone Warning Light (Type "A" Low Intensity)	8
Work Zone Warning Light (Red Type "B" High Intensity)	
Arrow Display	
Portable Changeable Message Sign	

Recapitulation Of Quantities		
Item	Quantity	Unit
Work Zone Signs (O To 9.25 Sq.Ft.)		Each Per Day
Work Zone Signs (9.26 To 16.25 Sq.Ft.)		Each Per Day
Work Zone Signs (16.26 Sq.Ft. & Over)		Each Per Day
Work Zone Barricades (Type 3 - 4' To 12')		Each Per Day
Work Zone Barricades (Pedestrian)		Each Per Day
Channelizer (Fixed)		Each Per Day
Channelizer (Portable)		Each Per Day
Channelizer (Pedestrian)		Each Per Day
Work Zone Warning Light (Type "A" Low Intensity)		Each Per Day
Work Zone Warning Light (Red Type "B" High Intensity)		Each Per Day
Arrow Display		Each Per Day
Portable Changeable Message Sign		Each Per Day
Pavement Marking (Temporary)		
4" Solid (Type I)		Sta./Line
4" Solid (Type II)		Sta./Line
4" Broken (8.0') (Type I)		Sta./Line
4" Broken (8.0') (Type II)		Sta./Line
4" Broken (3.0') (Type I)		Sta./Line
4" Broken (3.0') (Type II)		Sta./Line
4" Dotted Extension (Type I)		Sta./Line
4" Dotted Extension (Type II)		Sta./Line
Solid (Line Masking Tape)		Sta./Line
Broken (Line Masking Tape)		Sta./Line
Symbol (Type I)		Each
Symbol (Type II)		Each
Flexible Raised Pavement Marker (4" Broken (8.0'))		Sta./Line
Flexible Raised Pavement Marker (4" Broken (3.0'))		Sta./Line
Pavement Marking Removal		Lin. Ft.
Work Zone Sign (Special) (16.25 Sq. Ft. & Less)		Each
Work Zone Sign (Special) (16.26 Sq. Ft. & More)		Each
Rigid Raised Pavement Marker (Type I)		Each
Rigid Raised Pavement Marker (Type II)		Each
Traffic Signal Installation (Temporary)		Lump Sum
Traffic Control (Initial Set Up)	Lump Sum	Lump Sum
Traffic Control		Lump Sum
Flagger (Set Price)		Hour

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

18900.003

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
SUMMARY OF DEVICES
RECAPITULATION OF QUANTITIES

TE795

FHWA APPROVAL		06/01/15	APP'D	Kristina Eriksen	
DESIGNED	B.A.H.	DETAILED	R.W.B.	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.		QUAN. CK.	TRACE CK.

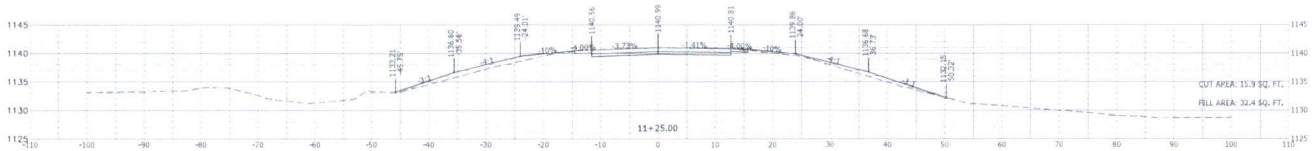
50 53

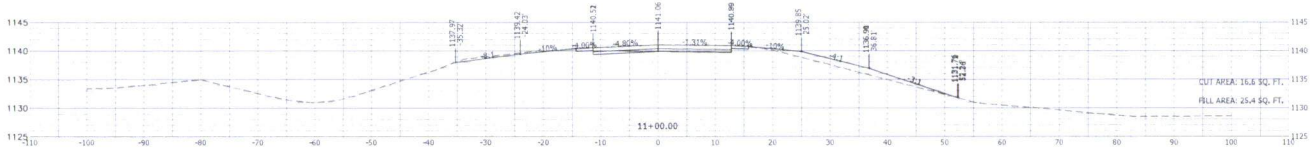
Exhibit A-2

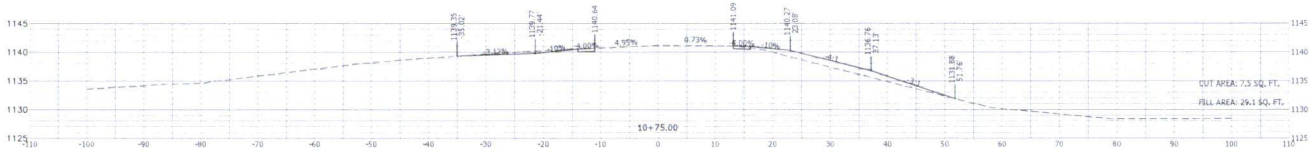
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

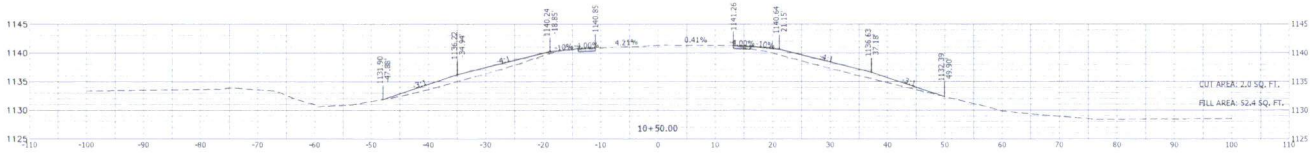
DACW41-3-22-0061

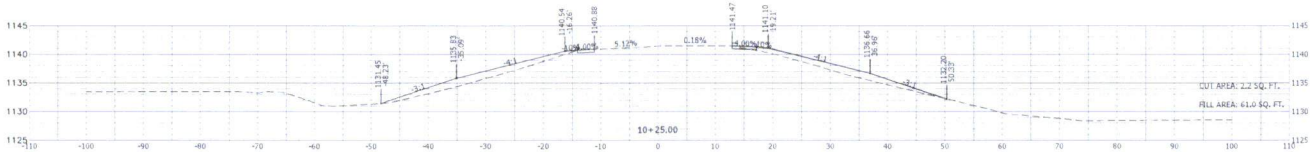
STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	51	53

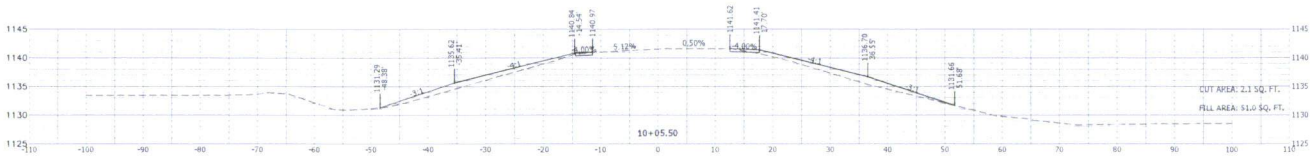












NO.	DATE	REVISION	BY	APP'D

CROSS SECTIONS
STA. 10+05 TO 11+25
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
www.bartlettwest.com

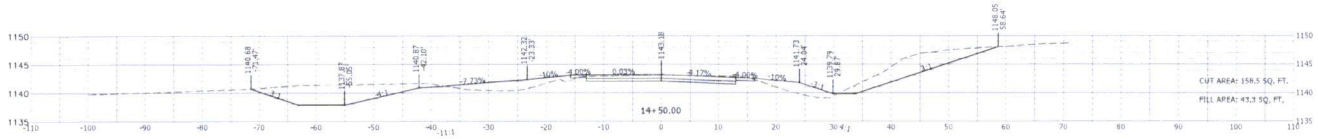
DATE: OCT 2018
W.O.: 18900.003
51 OF 53

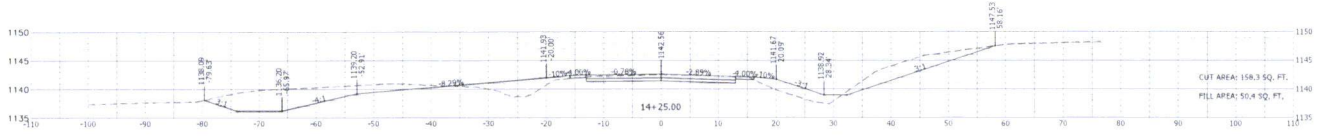
Exhibit A-2

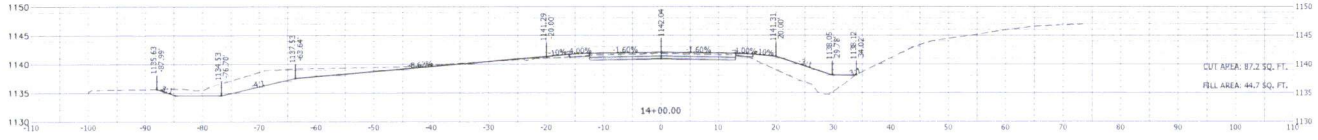
Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

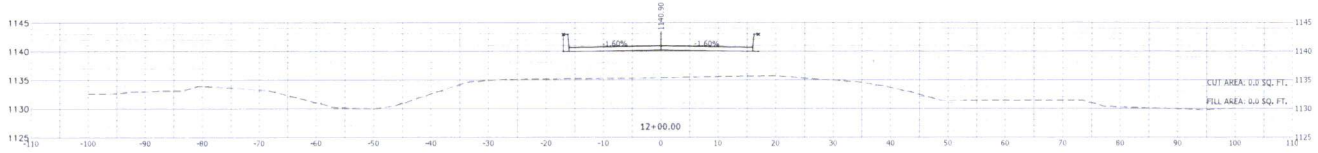
DACW41-3-22-0061

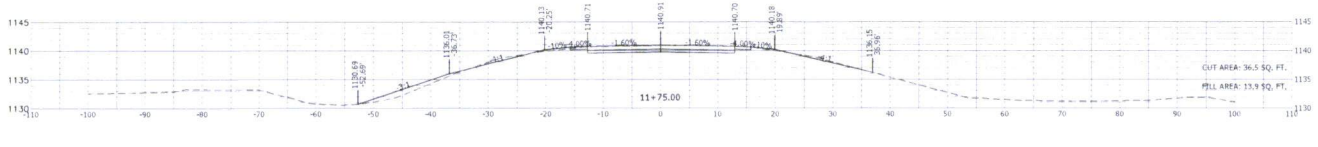
STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	52	53

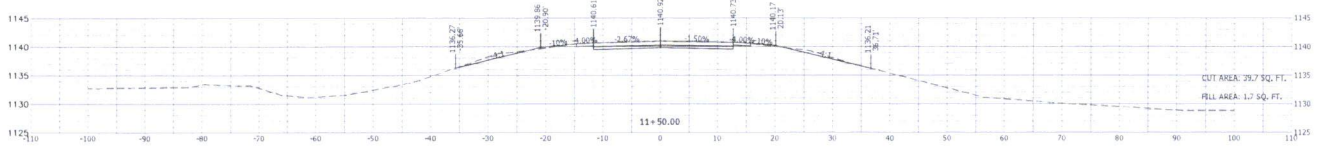












NO.	DATE	REVISION	BY	APP'D

CROSS SECTIONS
STA 11+50 TO 14+50
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
www.bartlettwest.com

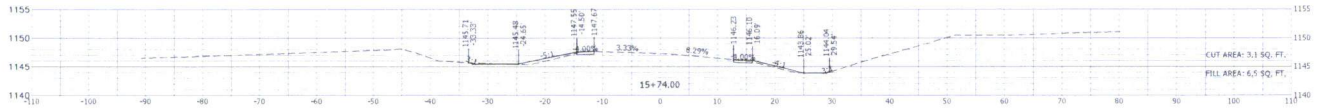
DATE OCT 2018
W.O. 18900.003
52 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

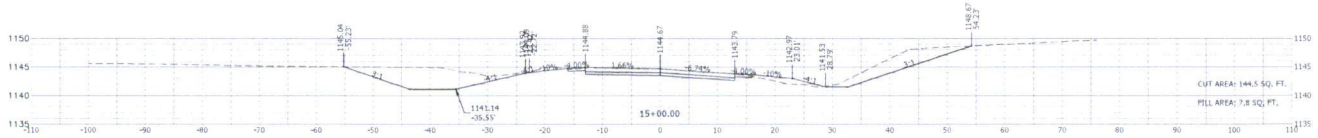
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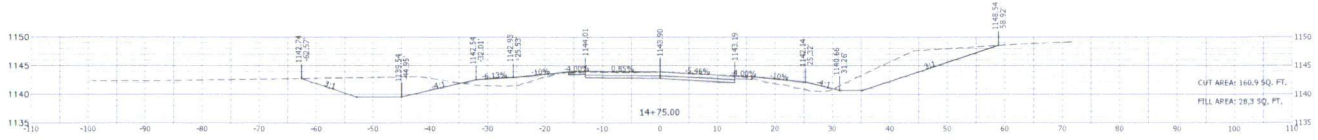
STATE	PROJECT NO.	DESIGN PROJ.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	F.5-5.9	18900.003	2018	53	53











NO.	DATE	REVISION	BY	APP'D

CROSS SECTIONS
STA. 14+75 TO 15+74
FANCY CREEK ROAD BRIDGE
BRIDGE IMPROVEMENTS OVER FANCY CREEK

Bartlett&West
www.bartlettwest.com

DATE: OCT 2018
W.O.: 18900.003
53 OF 53

Exhibit A-2

Attachment: 04-04-22 consent to easement (12065 : Proposed Consent to Easement)

PUBLIC WORKS
Bid

John Ellermann
Public Works
Director/County Engineer
6215 Tuttle Creek Blvd
Manhattan, KS 66503
Phone: 785-537-6330

COMMISSION AGENDA REPORT

FROM: **Shannon Sterling, Administrative Assistant II**

MEETING: **April 14, 2022**

SUBJECT: **Bid Recommendation - 2022 Asphalt Seal Oil**

PRESENTER: **John Ellermann, PE, Director of Public Works**

Attached for your approval is the staff recommendation and Cost Comparisons for the Asphalt Seal Oil Bids.

POSSIBLE MOTION(S)

Move to approve the staff recommendation for the bid submitted by Vance Brothers of Kansas City, MO to supply CHFRS-2P asphalt seal oil for the low bid amount of $ 2.86 per gallon.

Move to deny.

Move to table.

Enclosures:
- Asphalt Seal Oil_Bid Recommendation 2022 (PDF)

MEMORANDUM

DATE: April 12, 2022

TO: Riley County Board of Commissioners

FROM: John Ellermann

SUBJECT: BID AWARD – Asphalt Seal Oil

In consideration of the information below, staff recommends the Riley County Board of Commissioners accept the bid submitted by Vance Brothers of Kansas City, MO to supply CHFRS-2P asphalt seal oil for the low bid amount of $2.86 per gallon.

COMPANY	CHFRS-2P	Total Cost Comparison	
Vance Brothers Inc.	$ 2.86 Per gallon	62,000 gal	$ 177,320
P O Box 300107	$ 70.00 Demurrage 1.5 hr.	10 x $70	$ 700
Kansas City, MO 64130	$ 75.00 Pump Charge	4 x $75	$ 300
	$605.00 Return Charge	2 x $605	$ 1,210
			$ 179,530
Coastal Energy Corp.	$ 2.96 Per gallon	62,000 gal	$ 183,520
P O Box 218	$ 75.00 Demurrage 2 hr.	10 x $75	$ 750
Willow Springs, MO	$ 75.00 Pump Charge	4 x $75	$ 300
	$975.00 Return Charge	2 x $975	$ 1,950
			$ 186,520

Ergon Asphalt & Emulsions – 2021 Bid $ 2.15 Per gallon CHFRS-2P

Attachment: Asphalt Seal Oil_Bid Recommendation 2022 (12069 : Bid Recommendation - Asphalt Seal Oil)

John Ellermann
Public Works
Director/County Engineer
6215 Tuttle Creek Blvd
Manhattan, KS 66503
Phone: 785-537-6330

PUBLIC WORKS
Bid

COMMISSION AGENDA REPORT

FROM: **Shannon Sterling, Administrative Assistant II**

MEETING: **April 14, 2022**

SUBJECT: **Bid Recommendation - 2022 Crushed Limestone Chips**

PRESENTER: **John Ellermann, PE, Director of Public Works**

Attached for your approval is the staff recommendation for the Crushed Limestone Chips Bid.

POSSIBLE MOTION(S)

Move to approve the staff recommendation for the Crushed Limestone Chips to Bayer Construction Co. to supply crushed limestone chips for the bid amount of $26.90 per ton.

Move to deny.

Move to table.

Enclosures:
- Limestone Chips_Bid Recommendation 2022 (PDF)

MEMORANDUM

DATE: April 12, 2022

TO: Riley County Board of Commissioners

FROM: John Ellermann

SUBJECT: BID AWARD – Crushed Limestone Chips

In consideration of the information below, staff recommends the Riley County Board of Commissioners accept the bid submitted by Bayer Construction Co. to supply crushed limestone chips for the bid amount of $26.90 per ton. Chips meet the specified aggregate gradation of 3/8”.

COMPANY	Price Per Ton	
Bayer Construction Co., Inc. PO Box 889 Manhattan, KS 66505	26.90/ton	3/8” Chip
Hamm, Inc. 609 Perry Place Perry, KS 66073	35.85/ton	3/8” Chip
Bayer Construction Co., Inc. – 2021 Bid	25.40/ton	3/8” Chip

Attachment: Limestone Chips_Bid Recommendation 2022 (12068 : Bid Recommendation - Crushed Limestone Chips)

Rich Vargo
County Clerk
110 Courthouse Plaza
Manhattan, KS 66502
Phone: 785-565-6200

COUNTY CLERK & ELECTIONS
Personnel

COMMISSION AGENDA REPORT

FROM: **Elizabeth Ward, Human Resource Manager**

MEETING: **April 14, 2022**

SUBJECT: **Sign Riley County Personnel Action Form(s)**

PRESENTER: **Elizabeth Ward, Human Resource Manager**

Enclosures:

- 2022-04 Clerk Darell Edie(green) (PDF)
- 2022-04 Attorney D Grubbs(green) (PDF)
- 2022-04 HD D Arellan(green) (PDF)
- 2022-04 PW G Loberg(green) (PDF)
- 2022-04 Clerk D Breault(green) (PDF)

RILEY COUNTY PERSONNEL ACTION FORM

■ Add ☐ Change	Supervisor: Dept Head: Rich Vargo	Fill Request Date: 4-6-2022 Employee #

■ New Hire	☐ Rehire	☐ Transfer	☐ Promotion	☐ Separation from
☐ Step Change	☐ Status Change	☐ Demotion	☐ Other	County Service

■ Full Time	☐ Regular	☐ As-Needed	☐ Seasonal
☐ Part Time	☐ Grant Funded	☐ Intern	☐ Temporary

Edie	Darell		
Name: Last	First	Middle	Home Phone

Address: Street	City	State	Zip

Budget & Finance Officer	Clerk	00001-00002
Position Title	Department	Fund

4-20-22	■ | ☐		■ Yes | ☐ No
Effective Date	Exempt / Non-Exempt	Ending Date For Temporary	Is this a budgeted position?

CC |	$ ☐ Hour	$ 3,461.54 ■ Bi-weekly	☐ 40 ☐
Grade/Step	Pay Rate		Hours Per Workweek

Approvals:

Department: _____ Date: 4-7-22

Personnel: _____ 4/7/2022

BOCC
Chairman: _____

Member: _____

Member: _____

Original to Division of Human Resources; copy to Payroll, hiring department; revised 11/22/21

Attachment: 2022-04 Clerk Darell Edie(green) (12063 : Personnel Action Form (Green Sheet))

RILEY COUNTY PERSONNEL ACTION FORM

☐ Add ☒ Change	Supervisor: Dept Head: Barry Wilkerson	Fill Request Date: 4-4-2022 Employee #

☐ New Hire ☒ Step Change	☐ Rehire ☐ Status Change	☐ Transfer ☐ Demotion	☐ Promotion ☐ Other	☐ Separation from County Service

☒ Full Time ☐ Part Time	☐ Regular ☐ Grant Funded	☐ As-Needed ☐ Intern	☐ Seasonal ☐ Temporary

Grubbs	Dawn		
Name: Last	First	Middle	Home Phone

Address: Street	City	State	Zip

Legal Secretary	Attorney	00001-000001
Position Title	Department	Fund

4-2-2022	☐	☒		☒ Yes	☐ No
Effective Date	Exempt	Non-Exempt	Ending Date For Temporary	Is this a budgeted position?	

I / 14	$26.03 ☒ Hour	$ ☐ Bi-weekly	☒ 40 ☐
Grade/Step	Pay Rate		Hours Per Workweek

Approvals:

Department: _____ Date: 4-5-2022

Personnel: _____ 4/4/2022

BOCC Chairman: _____ _____

Member: _____ _____

Member: _____ _____

Original to Division of Human Resources; copy to Payroll, hiring department; revised 11/22/21

Attachment: 2022-04 Attorney D Grubbs(green) (12063 : Personnel Action Form (Green Sheet))

RILEY COUNTY PERSONNEL ACTION FORM

☐ Add ☒ Change	Supervisor: Dept Head: Julie Gibbs	Fill Request Date: 4-7-2022 Employee #

☐ New Hire	☐ Rehire	☐ Transfer	☐ Promotion	☒ Separation from
☐ Step Change	☐ Status Change	☐ Demotion	☐ Other	County Service

☐ Full Time	☐ Regular	☒ As-Needed	☐ Seasonal
☐ Part Time	☐ Grant Funded	☐ Intern	☐ Temporary

Arellano	Dianna		
Name: Last	First	Middle	Home Phone

Address: Street	City	State	Zip

Covid 19-Contact Tracer	Health Department	0030-000400-337
Position Title	Department	Fund

4/21/2022	☐	☒		☒ Yes	☐ No
Effective Date	Exempt	Non-Exempt	Ending Date For Temporary	Is this a budgeted position?	

B | 9	$ 15.96 ☒ Hour	$ ☐ Bi-weekly	☐ 40 ☐
Grade/Step	Pay Rate		Hours Per Workweek

Approvals:

Department: _____ Date: 4-8-22

Personnel: _____ 4/11/2022

BOCC
Chairman: _____ _____

Member: _____ _____

Member: _____ _____

Original to Division of Human Resources; copy to Payroll, hiring department, revised 11/22/21

Attachment: 2022-04 HD D Arellan(green) (12063 : Personnel Action Form (Green Sheet))

RILEY COUNTY PERSONNEL ACTION FORM

■ Add ☐ Change	Supervisor: Jeremy Noll Dept Head: John Ellermann	Fill Request Date: 04/08/2022 Employee #

■ New Hire	☐ Rehire	☐ Transfer	☐ Promotion	☐ Separation from
☐ Step Change	☐ Status Change	☐ Demotion	☐ Other	County Service

■ Full Time	■ Regular	☐ As-Needed	☐ Seasonal
☐ Part Time	☐ Grant Funded	☐ Intern	☐ Temporary

Name: Last	First	Middle	Home Phone
Loberg	Gloria		

Address: Street	City	State	Zip

Position Title	Department	Fund
Custodian I	Public Works/Facilities	001-040

Effective Date	Exempt	Non-Exempt	Ending Date For Temporary	Is this a budgeted position?
05/02/2022	☐	■		■ Yes ☐ No

Grade/Step	Pay Rate	Hours Per Workweek
D 4	$15.17 ■ Hour $ ☐ Bi-weekly	■ 40 ☐

Approvals:

Department: John Ellermann Date: 4-8-2022

Personnel: EB Awad 4/11/2022

BOCC
Chairman: _____ _____

Member: _____ _____

Member: _____ _____

Original to Division of Human Resources, copy to Payroll, hiring department, revised 11/22/21

Attachment: 2022-04 PW G Loberg(green) (12063 : Personnel Action Form (Green Sheet))

RILEY COUNTY PERSONNEL ACTION FORM

☐ Add ☒ Change	Supervisor: Lori Muir Dept Head: Rich Vargo	Fill Request Date: 4-11-2022 Employee #

☐ New Hire	☐ Rehire	☐ Transfer	☐ Promotion	☒ Separation from
☐ Step Change	☐ Status Change	☐ Demotion	☐ Other	County Service

☒ Full Time	☐ Regular	☐ As-Needed	☐ Seasonal
☐ Part Time	☐ Grant Funded	☐ Intern	☐ Temporary

Breault	DeAnn		
Name: Last	First	Middle	Home Phone

Address: Street	City	State	Zip

Administrative Analyst-Levy	Clerk	00001-000002
Position Title	Department	Fund

5/4/2022	☐	☒		☒ Yes	☐ No
Effective Date	Exempt	Non-Exempt	Ending Date For Temporary	Is this a budgeted position?	

L	5	$23.13 ☒ Hour	$ ☐ Bi-weekly	☒ 40	☐
Grade/Step		Pay Rate		Hours Per Workweek	

Approvals:

Department: _____ Date: 4-11-22

Personnel: _____ 4/11/2022

BOCC
Chairman: _____ _____

Member: _____ _____

Member: _____ _____

Original to Division of Human Resources; copy to Payroll, hiring department; revised 11/22/21

Attachment: 2022-04 Clerk D Breault(green) (12063 : Personnel Action Form (Green Sheet))

Joint City/County/County Meeting: (at county offices April 21st)

Topics for Agenda:
1. Food System Assessment/Survey Results/Covid Impact – Eileen Horn, Project Manager, New Venture Advisors; Caroline Myran, Project Manager, New Venture Advisors; Vickie James, Food and Farm Council of Riley County and City of Manhattan, KS., Coordinator
2. Transportation Issues – Dee McKee

Attachment: topic form (11747 : Joint City/County/County Agenda Meeting Information)

Cindy Kabriel

From: Lauren Page [redacted]
Sent: Tuesday, April 5, 2022 3:47 PM
Subject: 04/25/22 Intergovernmental Luncheon (In-Person/RSVP Request)
Attachments: 042522 Agenda.docx

Good afternoon,

Attached is the draft agenda for the next Intergovernmental Luncheon that is scheduled for Monday, April 25th, from 12:00PM-1:00PM.

This meeting will be held in person at the Bluemont Hotel. ***Please send any topics you would like added to the agenda and RSVP to me by Thursday, April 14th if you plan on attending and eating lunch.***

All meals will be catered through HCI, this meal will be prepared by Cox Brothers BBQ *(Pulled BBQ chicken with buns, pickles, and original BBQ sauce. Served with smokehouse beans and pineapple coleslaw).* Cost is $13 per person and payment will be collected on site – cash and credit card are preferred methods of payment.

Thank you,

Lauren Page
Senior Administrative Assistant
City Manager's Office
785-587-2404

City of Manhattan Kansas

Attachment: April draft agenda and email (11769 : Intergovernmental Luncheon Meeting Information)

City of Manhattan Kansas

INTERGOVERNMENTAL LUNCHEON
April 25, 2022
12:00 p.m. (Noon)
Excel Room, Bluemont Hotel
1212 Bluemont Avenue,
Manhattan, KS

AGENDA

I. Gather and Luncheon (11:30-12:00)

II. Convene and Introductions

III. Agenda Topics
  a. Discussion on State or Federal Legislative Items of Mutual Concern (All)
  b. Entity Updates

IV. Miscellaneous Discussion Items and Announcements and Possible Future Items

V. Next Meeting Date: June 27, 2022 (In Person at Bluemont Hotel)

VI. Adjournment

For those who have RSVP'd for lunch, food will be served starting at 11:30AM. Payment will be collected on site, cash or credit card are the preferred methods of payment.

This meeting is being held in the Excel Room at Bluemont Hotel, 1212 Bluemont Avenue. In accordance with provisions of the ADA, every attempt will be made to accommodate the needs of persons with disabilities. Please contact the Human Resources Department (587-2443) for assistance.

Attachment: April draft agenda and email (11769 : Intergovernmental Luncheon Meeting Information)

Board of Riley County Commissioners

Regular Meeting

TENTATIVE Agenda

April 18, 2022

115 North 4th Street
Manhattan, KS 66502
www.rileycountyks.gov

Cindy Kabriel
785-565-6200

Commission Chambers **8:30 AM**

District 2 – Greg McKinley, Chair | District 3 – Kathryn Focke, Vice Chair | District 1 – John Ford, Member

8:30 AM	**Call to Order**
	Pledge of Allegiance
	Public Comment
	Commission Comments
	Business Meeting
	Review Minutes
	Review Tentative Agenda
	Press Conference Topics
9:15 AM	**David Adams, EMS/Ambulance Director** 1. Staff update
9:30 AM	**Press Conference**
9:45 AM	**Elizabeth Ward, Human Resource Manager** 2. HR Payroll System
10:15 AM	**Clancy Holeman, Counselor/Director of Administrative Services** 3. Administrative Work Session
11:15 AM	**Executive session to discuss a performance matter involving non-elected personnel**
12:00 PM	**Law Enforcement Agency Meeting**
	Adjournment

Attachment: 04-18-22 tentative (11674 : Tentative Agenda)

In order to comply with provisions of the Americans with Disabilities Act (ADA), Riley County will make reasonable efforts to accommodate the needs of persons with disabilities. Please contact the Division of Human Resources at (785) 537-6303 (voice and TTY) for assistance.

Attachment: 04-18-22 tentative (11674 : Tentative Agenda)

Board of Riley County Commissioners

Regular Meeting

TENTATIVE Agenda

April 21, 2022

115 North 4th Street
Manhattan, KS 66502
www.rileycountyks.gov

Cindy Kabriel
785-565-6200

Commission Chambers **8:30 AM**

District 2 – Greg McKinley, Chair District 3 – Kathryn Focke, Vice Chair District 1 – John Ford, Member

8:30 AM **Call to Order**

Pledge of Allegiance

Public Comment

Commission Comments

Business Meeting

1. Approve payroll/accounts payables (when completed)

Review Minutes

Review Tentative Agenda

Press Conference Topics

9:30 AM **Clancy Holeman, Counselor/Director of Administrative Services**

2. Administrative Work Session

9:50 AM **Break**

10:00 AM **Gary Fike, County Extension Director**

3. Staff update

10:15 AM **Kurt Moldrup, Interim RCPD Director**

4. RCPD update

10:30 AM **Amanda Webb, Planning and Development Director**

5. Keats update

11:00 AM **Jim Goode, Maxnet**

6. Network Node Router System

4:00 PM **Joint City/County/County Meeting (at County Offices)**

Attachment: 04-21-22 tentative (11674 : Tentative Agenda)

Adjournment

In order to comply with provisions of the Americans with Disabilities Act (ADA), Riley County will make reasonable efforts to accommodate the needs of persons with disabilities. Please contact the Division of Human Resources at (785) 537-6303 (voice and TTY) for assistance.

Attachment: 04-21-22 tentative (11674 : Tentative Agenda)

Rich Vargo
County Clerk
110 Courthouse Plaza
Manhattan, KS 66502
Phone: 785-565-6200

COUNTY CLERK & ELECTIONS
Personnel

COMMISSION AGENDA REPORT

FROM: **Elizabeth Ward, Human Resource Manager**

MEETING: **April 14, 2022**

SUBJECT: **Request to fill open position-Clerk Administrative Analyst-Levy**

PRESENTER: **Rich Vargo, County Clerk**

BACKGROUND

On April 11, the incumbent in this position submitted her resignation, with an effective date of May 4, 2022.

This position is vital to the real estate process and the operations of the Clerk's office.

FISCAL IMPACT

This is a budgeted position, there will be no fiscal impact.

RECOMMENDATION(S)

Recommendation is to open the position of Administrative Analyst-Levy for recruitment.

POSSIBLE MOTION(S)

Move to approve recruiting to fill the position of Administrative Analyst-Levy

Move to deny

Move to modify

Move to table

No action required.

The Board agreed by consensus to

Enclosures:

- 2022-04 Clerk Admin Analyst-Levy(gold) (PDF)

Attachment: 2022-04 Clerk Admin Analyst-Levy(gold) (12064 : Request to Fill - Admin Analyst-Levy)

Department Clerk Date 4/11/2022 Job Title Adminisrative Analyst/Levy Specialist

☒ Full Time ☐ Part Time	☐ Regular ☐ As Needed	☐ Seasonal ☐ Intern	☐ Grant Funded ☐ Temporary	Pay Grade L 40 Hours per ☒ Week ☐ Month	Start Date ASAP End Date	☒ Non-Exempt ☐ Exempt

TYPE OF REQUEST

(Check one box and follow instructions in box – attach new job description if applicable)

Budgeted Position Request		Non-Budgeted Position Request	
☒ Request to hire replacement-same duties ☐ Request to hire replacement-new duties	☐ Request to change budgeted hours ☐ Request to change position status	☐ Request to create a new position for current fiscal year only	☐ Request to create a new position which will be included in future annual budgets
		☐ Request for current non-budgeted position to be included in future annual budgets	
1. Name of former incumbent or current employee: DeAnn Breault	2. Effective date of promotion, transfer, termination, or change: 5/4/2022	1. Are there current budgeted funds available to pay for this position? ☐ Yes ☐ No ☐ Grant Funded	2. Requested hours per year:
3. If requesting a change in budgeted hours, estimated change in cost per year:	4 Would the position require re-evaluation for classification and pay grade purposes? ☐ Yes ☒ No	3. Estimated cost per year (financial impact): $	4 Would the position require evaluation for classification and pay grade purposes? ☐ Yes ☐ No
5. Has this position been "On Hold?" ☐ Yes ☒ No If yes, date placed "On Hold":	6. Any special conditions regarding this position:	5. If applicable, what is the ending date for the position?:	6. Any special conditions regarding this position:

1. Why is it necessary to fill this position or change its status? Incumbent resignation

2. Is it possible to fill this position internally? If no, why not? Yes, if qualified

For hiring purposes, briefly state necessary and/or desirable education, training, and/or certification required as well as desirable experience and/or skills:
High school dipolma/GED. 2yr associate's degree req w/4yrs general office exp, or equivalent combo of education and exp. BA or BS preferred. Knowledge of tax & budget procedures/laws & statues. Ability work w/general public, staff of state, school districts, city and county governments, townships, & special district officals.

Additional comments: Valid Driver's License required; must be able to obtain KS Notary Public; knowledge of Microsoft programs and spreadsheets

Approval by:		Date:
Department Head:		4-11-22
Personnel:		4/11/2022
BOCC Chairman:		
BOCC Member:		
BOCC Member:		

If the approved request affects current and future budget figures, a copy will go to Payroll and Budget & Finance

3/19/03

Shilo Heger
Treasurer
110 Courthouse Plaza
Manhattan, KS 66502
Phone: 785-537-6320

COUNTY TREASURER'S OFFICE
Staff Update

STAFF REPORT

FROM: **Shilo Heger**

MEETING: **April 14, 2022**

SUBJECT: **March 2022 Revenue Reporting - Riley County Treasurer**

PRESENTER: **Shilo Heger**

Enclosures:
- March 2022 Financial Report (PDF)

Riley County Balance Sheet
March 31, 2022

Assets	
KS State Bank-Checking	47,515,518.75
KS State Bank-ARP	7,115,796.33
Riley State Bank	343,419.27
Leonardville State Bank	5,000.00
Sunflower Bank	0.00
Cash on Hand	38,412.31
CD/CDARS	5,992,059.58

Liabilities/Fund Balances	
County General	22,500,000.41
Disaster Fund (ARPA Funds)	7,115,796.33
Health Department	2,230,958.37
Capital Improvements Fund	10,411,709.39
Economic Development	213,148.41
RCPD Levy/Inmate Medical	1,753,492.05
Bond & Interest	527,422.06
Road & Bridge Capital Projects	6,351,167.28
Landfill Closure	67,496.21
County Building	285,237.98
County Auction	168,212.02
Solid Waste	656,422.43
Emergency Management	706,031.98
Fire District #1	921,134.24
Register of Deeds Tech Fund	205,869.71
Clerk Tech Fund	133,010.78
Treasurer Tech Fund	80,825.40
Motor Vehicle Operations	78,245.83
RCPD Ops/IT Reserve/Seizure	2,360,383.48
District Court-Technology	175,918.43
Court Services	3,121.21
EMS Grants	5,870.50
Museum Bequest	6,582.25
War Memorial Fund	10,445.07
Miscellaneous	39,035.06

Community Corrections		189,562.91
JJA Prevention	Teen Court	Adult Services
Juvenile Intake Case Manager	Juvenile Service	Special Alcohol

County Attorney		5,376.47
Special Prosecutor Trust	PATF	

Benefit Districts		959,997.49
University Park	Moehlman Bottoms	Deep Creek
Carson Sewer	Valleywood	Lakeside Heights
Hunters Island	Terra Heights	Konza
Mertz/McGehee Drainage		

Funds to be Distributed		34,830.19
City Funds	Wildlife & Parks	School Funds
Township Funds	Special Assessments	State Funds
Cemetery Funds		

Tax Holding Funds		2,812,902.30
Commercial Vehicle Fees	16/20M Truck Taxes	Advance Tax
Recreational Vehicle Tax	Current Ad Valorem Tax	Sales Tax Coll
Motor Vehicle Tax	Delinquent PP Tax	Driver's License
Motor Vehicle Registrations	Delinquent RL Tax	Veh Rental Excise

TOTAL ASSETS	**$ 61,010,206.24**	**TOTAL LIABILITIES & FUND BAL**	**61,010,206.24**

Attachment: March 2022 Financial Report (12060 : March Treasurer's Report-2022)

Investments and Interest
March 31, 2022
Investments & Year to Date Interest

Bank	CDs	Checking Savings	Year to Date Interest	2021 Interest
KS State Bank	$0.00	$54,631,315.08	$25,384.19	
Riley State Bank	$0.00	$343,419.27	$545.26	
Peoples State Bank	$0.00	$5,000.00	$2.77	
Sunflower	$0.00	$0.00	$0.00	
UMB	$1,900,000.00	$0.00	$0.00	
Landmark National Bank	$0.00	$0.00	$0.00	
Intrust	$0.00	$0.00	$600.17	
Capitol Federal	$0.00	$0.00	$0.00	
Community 1st National Bank	$0.00	$0.00	$0.00	
United Bank	$0.00	$0.00	$0.00	
Municipal Investment Pool	$0.00	$0.00	$0.00	
Commerce Bank	$4,092,059.58	$0.00	$2,500.00	
Central National Bank	$0.00	$0.00	$0.00	
Total	**$5,992,059.58**	**$54,979,734.35**	**$29,032.39**	**$107,389.02**
Cash & Transfer items	$38,412.31			
Total on Deposit	**$61,010,206.24**			

	2022	2021
Interest Transfers		
Capital Improvements #145	$1,220.24	$4,539.98
Emergency 911 #148	$108.34	$433.22
Reg of Deeds Technology #106	$28.22	$91.16
Clerk Technology #107	$18.07	$58.95
Treasurer Technology #108	$10.60	$30.58
RCPD Seizure Funds	$39.13	$156.09
Total Transfers	$1,424.60	$5,309.98
Net Interest to County General	**$27,607.79**	**$99,574.73**
Less Interest Paid for Treasury Bond	**-$2,348.07**	
Net Interest Earned	**$25,259.72**	
Budget	**$ 25,000.00**	**$200,000.00**
% Collected	110.43%	49.79%
% Over(Under Budget)	85.43%	
Interest to CIP - Radio Project	**$0.00**	**$2,504.31**
Interest - ARPA Fund	**$3,059.80**	**$888.53**

Interest rate on active checking account	0.44%
Interest rate on one year investments	1.07%

Attachment: March 2022 Financial Report (12060 : March Treasurer's Report-2022)

General Fund Revenue Detail
Through March 31, 2022

	March		Year To Date		
	Actual	Budget	Actual	Budget	Variance
Motor Vehicle					
Motor Vehicle	154,646.75	162,033.68	591,581.65	607,626.30	-16,044.65
Vehicle Rental Excise	0.00	0.00	12,939.42	11,637.50	1,301.92
Recreational Vehicle	1,030.41	1,510.08	4,943.47	5,662.80	-719.33
Commercial Vehicles	13,600.23	20,248.75	17,917.31	20,248.75	-2,331.44
Ad Valorem					
RL/Oil/PP	438,213.72	475,973.64	13,752,540.70	13,565,248.74	187,291.96
Intangible	6,162.95	4,877.24	226,797.95	139,001.34	87,796.61
16/20 M Trucks	1,765.65	365.00	13,839.90	10,402.50	3,437.40
Watercraft	1,640.82	240.56	9,398.62	6,855.96	2,542.66
Delinquent Tax	104,821.62	0.00	231,203.21	0.00	231,203.21
Sales Tax	164,982.21	141,666.67	544,976.04	425,000.00	119,976.04
Payment In Lieu of Tax	0.00	0.00	0.00	0.00	0.00
City/County Highway	0.00	0.00	261,448.00	236,788.00	24,660.00
Interest/Penalties	20,270.35	20,833.33	113,844.94	62,500.00	51,344.94
Investment Interest	16,977.43	2,083.33	27,607.79	6,250.00	21,357.79
Recording Fees	48,243.00	22,916.67	120,696.00	68,750.00	51,946.00
Hertiage Trust Fund	3,609.00	2,083.33	8,960.00	6,250.00	2,710.00
Juvenile Supervision Fees	54.31	25.00	85.31	75.00	10.31
Diversion Fees	10,359.85	4,583.33	14,484.85	13,750.00	734.85
Franchise Fees	0.00	0.00	7,430.41	9,500.00	-2,069.59
Miscellaneous	374.43	0.00	389.06	0.00	389.06
Departments					
Clerk	41.69	250.00	55.44	750.00	-694.56
Register of Deeds	1,948.75	1,666.67	6,059.95	5,000.00	1,059.95
Treasurer	308.10	625.00	1,379.66	1,875.00	-495.34
Clerk of the District Court	2,333.72	3,750.00	8,291.48	11,250.00	-2,958.52
Emergency Management	0.00	0.00	0.00	0.00	0.00
Coroner	0.00	0.00	2,272.13	0.00	2,272.13
Fair	610.00	1,666.67	3,208.00	5,000.00	-1,792.00
Museum	20,658.74	0.00	20,658.74	0.00	20,658.74
Election	0.00	416.67	1.00	1,250.00	-1,249.00
Ambulance/EMS	106,911.18	100,307.33	321,506.44	300,922.00	20,584.44
Appraiser	266.16	1,300.00	5,703.61	3,900.00	1,803.61
Planning & Development	4,639.00	2,916.67	10,242.00	8,750.00	1,492.00
Information Systems	0.00	0.00	15,000.00	0.00	15,000.00
General-General	12,293.61	0.00	28,916.73	0.00	28,916.73
Public Works	35,849.31	40,000.00	90,533.11	120,000.00	-29,466.89
Noxious Weed	7,593.82	8,333.33	16,527.29	25,000.00	-8,472.71
Total Before Transfers	**1,180,206.81**	**1,020,672.95**	**16,491,440.21**	**15,679,243.89**	**812,196.32**
Transfers In	0.00	0.00	0.00	0.00	0.00
Total After Transfers	**1,180,206.81**	**1,020,672.95**	**16,491,440.21**	**15,679,243.89**	**812,196.32**
Over/Under Budget Before Transfers	**15.63%**		**5.18%**		
Over/Under Budget After Transfers	**15.63%**		**5.18%**		

Prepared by Shilo Heger
04/01/2022

Attachment: March 2022 Financial Report (12060 : March Treasurer's Report-2022)

2022 General Fund Revenue
Year To Date

	March		Year To Date		
	Actual	Budget	Actual	Budget	% of Budget Collected
Motor Vehicle					
Motor Vehicle	154,646.75	162,033.68	591,581.65	2,025,421.00	29.21%
Vehicle Rental Excise	0.00	0.00	12,939.42	23,275.00	55.59%
Recreational Vehicle	1,030.41	1,510.08	4,943.47	18,876.00	26.19%
Commercial Vehicles	13,600.23	20,248.75	17,917.31	80,995.00	22.12%
Ad Valorem					
RL/Oil/PP	438,213.72	475,973.64	13,752,540.70	23,798,682.00	57.79%
Intangible	6,162.95	4,877.24	226,797.95	243,862.00	93.00%
16/20 M Trucks	1,765.65	365.00	13,839.90	18,250.00	75.84%
Watercraft	1,640.82	240.56	9,398.62	12,028.00	78.14%
Delinquent Tax	104,821.62	0.00	231,203.21	0.00	0.00%
Sales Tax	164,982.21	141,666.67	544,976.04	1,700,000.00	32.06%
Payment In Lieu of Tax	0.00	0.00	0.00	37,000.00	0.00%
City/County Highway	0.00	0.00	261,448.00	947,152.00	27.60%
Interest/Penalties	20,270.35	20,833.33	113,844.94	250,000.00	45.54%
Investment Interest	16,977.43	2,083.33	27,607.79	25,000.00	110.43%
Recording Fees	48,243.00	22,916.67	120,696.00	275,000.00	43.89%
Hertiage Trust Fund	3,609.00	2,083.33	8,960.00	25,000.00	0.00%
Juvenile Supervision Fees	54.31	25.00	85.31	300.00	28.44%
Diversion Fees	10,359.85	4,583.33	14,484.85	55,000.00	26.34%
Franchise Fees	0.00	0.00	7,430.41	38,000.00	19.55%
Miscellaneous	374.43	0.00	389.06	0.00	0.00%
Departments					
Clerk	41.69	250.00	55.44	3,000.00	1.85%
Register of Deeds	1,948.75	1,666.67	6,059.95	20,000.00	30.30%
Treasurer	308.10	625.00	1,379.66	7,500.00	18.40%
Clerk of the District Court	2,333.72	3,750.00	8,291.48	45,000.00	18.43%
Emergency Management	0.00	0.00	0.00	0.00	0.00%
Coroner	0.00	0.00	2,272.13	0.00	0.00%
Fair	610.00	1,666.67	3,208.00	20,000.00	16.04%
Museum	20,658.74	0.00	20,658.74	0.00	0.00%
Election	0.00	416.67	1.00	5,000.00	0.02%
Ambulance/EMS	106,911.18	100,307.33	321,506.44	1,203,688.00	26.71%
Appraiser	266.16	1,300.00	5,703.61	15,600.00	36.56%
Planning & Development	4,639.00	2,916.67	10,242.00	35,000.00	29.26%
Information Systems	0.00	0.00	15,000.00	0.00	0.00%
General-General	12,293.61	0.00	28,916.73	0.00	0.00%
Public Works	35,849.31	40,000.00	90,533.11	480,000.00	18.86%
Noxious Weed	7,593.82	8,333.33	16,527.29	100,000.00	16.53%
Total Before Transfers	**1,180,206.81**	**1,020,672.95**	**16,491,440.21**	**31,508,629.00**	**52.34%**
Transfers In	0.00	0.00	0.00	0.00	0.00%
Total After Transfers	**1,180,206.81**	**1,020,672.95**	**16,491,440.21**	**31,508,629.00**	**52.34%**
Over/Under Budget Before Transfers	**15.63%**				
Over/Under Budget After Transfers	**15.63%**				
March =25.00% of the Budget					

Attachment: March 2022 Financial Report (12060 : March Treasurer's Report-2022)

Prepared by Shilo Heger 04/01/2022

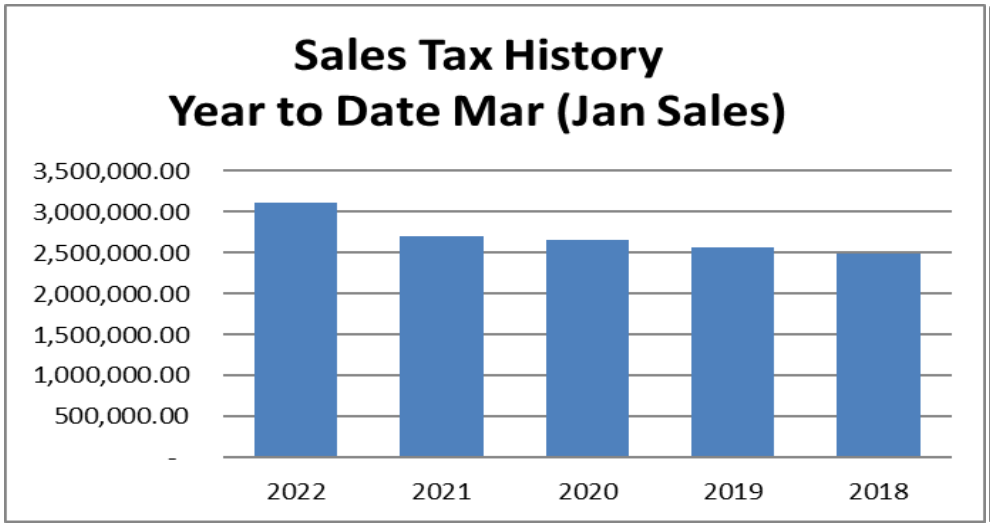
Sales Tax Received
March 31, 2022

	County General		Road & Bridge Cap Fund					
	2021	2022	2021	2022	Prior Year Variance	Total Collected	2022 Budget	% Ove Budge
January (Nov Sales)	158,605.23	176,613.72	158,605.22	176,613.72	11.35%	353,227.44	283,333.33	24.6
February (Dec sales)	166,103.83	203,380.11	166,103.82	203,380.11	22.44%	406,760.22	283,333.33	43.5
March (Jan sales)	166,534.18	164,982.21	166,534.17	164,982.20	-0.93%	329,964.41	283,333.33	16.4
April (Feb sales)	152,296.10		152,296.09		-100.00%	0.00	283,333.33	-100.0
May (Mar sales)	176,602.73		176,602.72		-100.00%	0.00	283,333.33	-100.0
June (Apr sales)	176,260.61		176,260.61		-100.00%	0.00	283,333.33	-100.0
July (May sales)	176,957.79		176,957.78		-100.00%	0.00	283,333.33	-100.0
August (June sales)	166,514.97		166,514.96		-100.00%	0.00	283,333.33	-100.0
September (July sales)	172,562.19		172,562.18		-100.00%	0.00	283,333.33	-100.0
October (Aug sales)	184,747.23		184,747.23		-100.00%	0.00	283,333.33	-100.0
November (Sept sales)	152,750.23		152,750.23		-100.00%	0.00	283,333.33	-100.0
December (Oct sales)	213,312.75		213,312.74		-100.00%	0.00	283,333.33	-100.0
Year to Date	**$2,063,247.82**	**$544,976.04**	**$2,063,247.75**	**$544,976.03**	**-73.59%**	**$1,089,952.07**	**$3,400,000.00**	**-67.9**

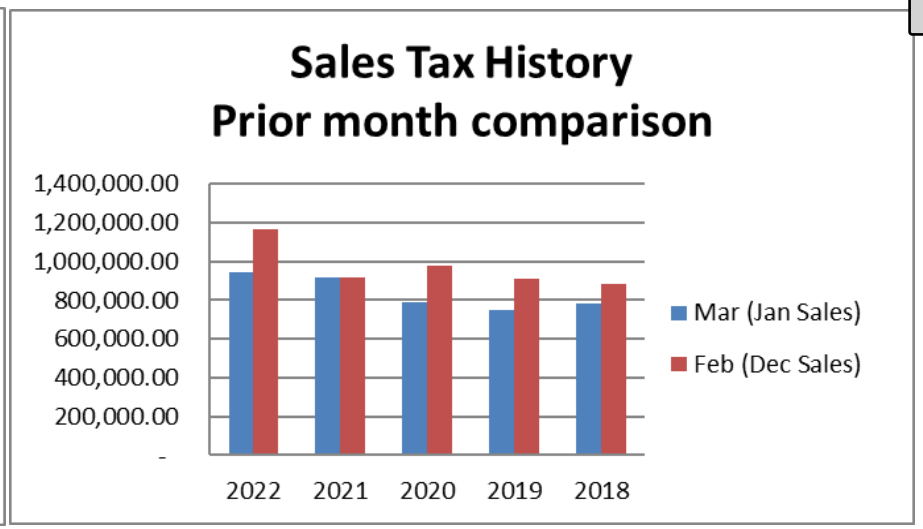
	2021	2022
Sales Tax Collected	**$4,126,495.57**	**$1,089,952.07**
Budget	**$3,000,000.00**	**$3,400,000.00**
% of Budget Collected	**137.55%**	**32.06%**
% Over Budget	**37.55%**	**7.06%**

Prepared by Shilo Heger 04/01/2022

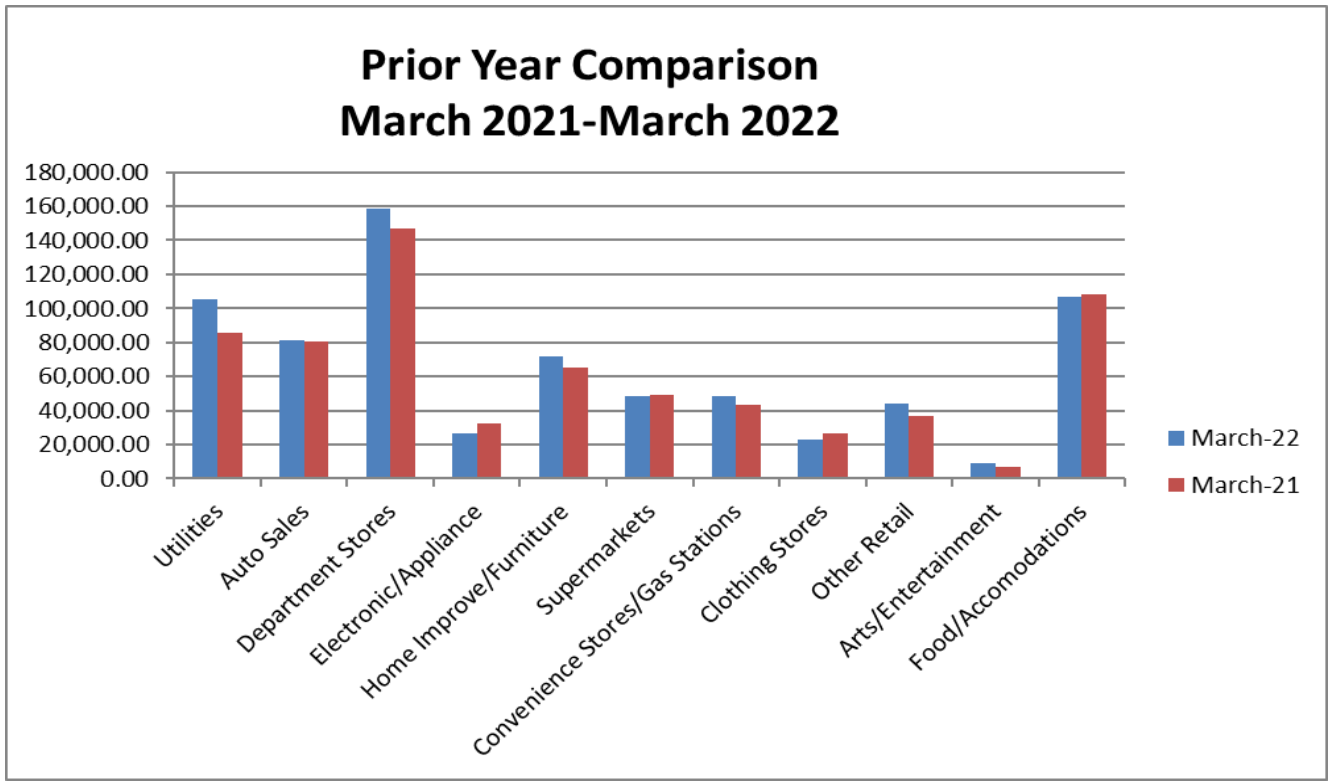
Attachment: March 2022 Financial Report (12060 : March Treasurer's Report-2022)



Year to Date Sales Tax is up 14.79% compared to March 2021



March 2022 Sales Tax is down 18.88% compared to February 2022



March 2022 Sales Tax is up 2.82% compared to March 2021

Auto/RV/MC Dealers	1.1
Department Stores/Specialty Stores	7.8
Electronic/Appliance	-17.0
Home Improve/Furniture	10.5
Supermarkets	-0.7
Convenience Stores/Gas Stations	11.9
Clothing Stores	-12.9
Other Retail	19.2
Utilities	23.1
Arts/Entertainment/ Recreation	26.7
Accomodation/Food Services	-1.2

Prepared by Shilo Heger 04/01/2022

Attachment: March 2022 Financial Report (12060 : March Treasurer's Report-2022)

Sales Tax/Use Tax Comparison
2021/2022

	2021	2022		2021	2022		2021	2022	
	Use Tax		% Change	Sales Tax		% Change	Total		% Change
Janaury (Nov Sales)	140,065.96	190,402.94	35.94%	731,676.02	807,598.12	10.38%	871,741.98	998,001.06	14.48%
February (Dec Sales)	140,908.95	227,253.05	61.28%	777,357.41	939,684.71	20.88%	918,266.36	1,166,937.76	27.08%
March (Jan Sales)	161,815.02	191,402.32	18.28%	758,830.43	755,219.05	-0.48%	920,645.45	946,621.37	2.82%
April (Feb Sales)	174,167.99	0.00	-100.00%	667,765.52	0.00	-100.00%	841,933.51	0.00	-100.00%
May (Mar Sales)	112,712.06	0.00	-100.00%	863,595.03	0.00	-100.00%	976,307.09	0.00	-100.00%
June (Apr Sales)	148,631.96	0.00	-100.00%	825,783.79	0.00	-100.00%	974,415.75	0.00	-100.00%
July (May Sales)	152,751.87	0.00	-100.00%	825,518.10	0.00	-100.00%	978,269.97	0.00	-100.00%
August (Jun Sales)	171,338.18	0.00	-100.00%	769,597.25	0.00	-100.00%	940,935.43	0.00	-100.00%
September (Jul Sales)	159,656.02	0.00	-100.00%	815,450.80	0.00	-100.00%	975,106.82	0.00	-100.00%
October (Aug Sales)	192,104.36	0.00	-100.00%	851,857.11	0.00	-100.00%	1,043,961.47	0.00	-100.00%
November (Sep Sales)	149,523.03	0.00	-100.00%	713,631.18	0.00	-100.00%	863,154.21	0.00	-100.00%
December (Oct Sales)	212,705.58	0.00	-100.00%	992,672.62	0.00	-100.00%	1,205,378.20	0.00	-100.00%

Attachment: March 2022 Financial Report (12060 : March Treasurer's Report-2022)

Julie Gibbs
Health Department
Director
2030 Tecumseh Rd
Manhattan, KS 66502
Phone: 785-776-4779

HEALTH DEPARTMENT
Agreement

COMMISSION AGENDA REPORT

FROM: **Breva Spencer**

MEETING: **April 14, 2022**

SUBJECT: **RCHD and BOCC Agreement with OPEI Services**

PRESENTER: **Julie Gibbs**

BACKGROUND

In August 2013 Riley County Health Department (RCHD) initially received the Outreach, Prevention and Early Intervention (OPEI) services grant from Kansas Department of Health and Environment (KDHE). Renewed annually, the grant allows implementation of a program that provides outreach and prevention services to low-income families and at-risk infants.

DISCUSSION

The Maternal and Child Health (MCH)Weekly Home Visiting program utilizes an evidence-based curriculum, Promoting Maternal Mental Health and Promoting First Relationships for families prenatal through age 5.

Program elements include:
1. Identify all families of at-risk infants from a targeted geographic area using reliable screening mechanisms.
2. Provide intensive, long-term, home visitor support.
3. Facilitate bonding between parent and infant.
4. Empower parents to seek support services through available community resources.
5. Promote healthy child development.
6. Prevent child abuse and neglect among project children from birth to age 5.
7. Link the child to a pediatric medical facility, other community services, and to developmental resources, as needed.
8. Initiate services with new parents before birth or at birth.
9. Identify families who are most in need of services

10. Offer services voluntarily and use positive, persistent, outreach efforts to build family trust.
11. Offer services intensively (at least once a week) and over the long term (2-5 years), with well-defined criteria for increasing or decreasing frequency of services.

The OPEI letter of intent was approved by the BOCC and sent to KDHE. Attached is the final agreement.

FISCAL IMPACT

Total funding shall not exceed $440,000.00 and is comprised of $220,000.00 from KDHE and $220,000.00 in matching funds from Riley County.

RECOMMENDATION(S)

Move for Commission Chair Greg McKinley to sign the OPEI agreement.

POSSIBLE MOTION(S)

Move to approve

Move to deny

Move to modify

Move to table

No action required.

The Board agreed by consensus to
No action required.

The Board agreed by consensus to

Enclosures:

- Agreement (PDF)

AGREEMENT
between the
KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
DIVISION OF HEALTH CARE FINANCE
the
RILEY COUNTY BOARD OF COMMISSIONERS
and the
RILEY COUNTY HEALTH DEPARTMENT
for
Outreach, Prevention and Early Intervention Services

This agreement is entered into by and between the Kansas Department of Health and Environment, Division of Health Care Finance, hereinafter sometimes referred to as "KDHE/DHCF", the Riley County Board of Commissioners, hereinafter sometimes referred to as "County," and the Riley County Health Department, hereinafter sometimes referred to as "Service Contractor."

WHEREAS, K.S.A. Supp. 75-7401 authorizes the KDHE/DHCF to enter into a contract for services, and;

WHEREAS, the County and the Service Contractor desire to develop, implement, and maintain a voluntary program that provides outreach, prevention and early intervention services to new, low-income parents and children with emphasis on adolescent and pregnant teen parents of at-risk infants in the County, and;

WHEREAS, the KDHE/DHCF and the County recognize a need for the program proposed by the Service Contractor and desire to promote said program, and;

WHEREAS, Federal Financial Participation (FFP) is available to pay a portion of the project costs, and;

NOW, THEREFORE, for and in consideration of their mutual promises, the parties hereby agree as follows:

I. KDHE/DHCF RESPONSIBILITIES:

A. Consultation/Review: KDHE/DHCF shall provide consultation and technical assistance to the Service Contractor during the term of this agreement, as well as review the quarterly program reports as part of the evaluation process for the program.

B. Funding: KDHE/DHCF shall draw down and pay the County $220,000 for the annual draw-down of Medicaid Funds for the year, in quarterly increments of approximately $55,000, after an invoice showing expenditures made or to be made for the quarter and requesting "draw down" and remittance to the County of Medicaid funds (Federal Financial Participation or FFP); and, certification of non-federal matching funds using the form provided by KDHE/DHCF and signed by the Chairperson on behalf of the Board of County Commissioners, County Administrator, or other elected official or employee authorized to sign on behalf of the County, is received by KDHE/DHCF.

Attachment: Agreement (12070 : MCH OPEI Agreement)

II. COUNTY RESPONSIBILITIES:

A. Funding: The County shall provide certifiable, matching, non-federal funds in the amount of $220,000 which is fifty percent (50.0%) of the total contract amount of $440,000. Certifiable funds include, but are not limited to, taxes levied and received by the County, fees, bona fide donations, and other funds received by the County from non-federal sources (generally, although there may be exceptions) that are not already used as match for other FFP funds. Bona fide donations must comply with the requirements found in the Code of Federal Regulations (CFR) Section 433.54 that interprets and implements Section 1902(a)(2) and section 1903(w)(7)(G) of the Social Security Act.

1. "42 CFR Section 433.54 Bona fide donations.
   (a) A bona fide donation means a provider-related donation, as defined in Sec. 433.52, made to the State or unit of local government, that has no direct or indirect relationship, as described in paragraph (b) of this Section, to Medicaid payments made to--
      (1) The health care provider;
      (2) Any related entity providing health care items and services; or
      (3) Other providers furnishing the same class of items or services as the provider or entity.
   (b) Provider-related donations will be determined to have no direct or indirect relationship to Medicaid payments if those donations are not returned to the individual provider, the provider class, or related entity under a hold harmless provision or practice, as described in paragraph (c) of this section.
   (c) A hold harmless practice exists if any of the following applies:
      (1) The State (or other unit of government) provides for a direct or indirect non-Medicaid payment to those providers or others making, or responsible for, the donation, and the payment amount is positively correlated to the donation. A positive correlation includes any positive relationship between these variables, even if not consistent over time.
      (2) All or any portion of the Medicaid payment to the donor, provider class, or related entity, varies based only on the amount of the donation, including where Medicaid payment is conditional on receipt of the donation.
      (3) The State (or other unit of government) receiving the donation provides for any direct or indirect payment, offset, or waiver such that the provision of that payment, offset, or waiver directly or indirectly guarantees to return any

Attachment: Agreement (12070 : MCH OPEI Agreement)

portion of the donation to the provider (or other parties responsible for the donation).

(d) CMS will presume provider-related donations to be bona fide if the voluntary payments, including, but not limited to, gifts, contributions, presentations or awards, made by or on behalf of individual health care providers to the State, county, or any other unit of local government does not exceed--

(1) $5,000 per year in the case of an individual provider donation; or

(2) $50,000 per year in the case of a donation from any health care organizational entity.

(e) To the extent that a donation presumed to be bona fide contains a hold harmless provision, as described in paragraph (c) of this section, it will not be considered a bona fide donation. When provider-related donations are not bona fide, CMS will deduct this amount from the State's medical assistance expenditures before calculating FFP. This offset will apply to all years the State received such donations and any subsequent fiscal year in which a similar donation is received."

Bona fide donations must be given directly to the County from the donor and the donor and amount donated must be identified in the funding certification submitted quarterly by the Board of County Commissioners.

B. Funding Certification: During the contract year, on a quarterly basis, the Board of County Commissioners, County Administrator, or other official or employee authorized to sign for the County shall certify to KDHE/DHCF on a form provided by KDHE/DHCF (Attachment C - Certification of Non-Federal Match Form) or duplicate thereof, that it has expended or will expend $220,000 as matching funds required to match the FFP for this contract and that both federal and matching funds have been or will be expended for the purposes specified herein. In the event that the County expends more or less than $55,000 in any one or more quarters, the County may seek reimbursement of the actual amount expended in that quarter or those quarters. The amount reimbursed in any one contract year shall not exceed $220,000 unless this contract is changed by amendment hereto. This form should be submitted to KDHE/DHCF for expenditures incurred in each calendar quarter (Ex: Jan-Mar, April-Jun, July-Sept, Oct-Dec).

C. Invoice: The County Budget Officer or other authorized elected official or employee shall submit an invoice each calendar quarter (Attachment D – Sample Invoice or other Invoice in a format preferred by the County) showing funds expended or to be expended for services as specified in this agreement and requesting draw down of federal financial participation (FFP) and reimbursement to the County.

D. Hold Harmless: The County shall indemnify the State against any and all loss of federal funds as a result of a finding by the federal government that the "certified match funds" provided by the County did not meet federal requirements or to loss

Attachment: Agreement (12070 : MCH OPEI Agreement)

of federal funds to any extent arising out of the County's negligence in the performance of services under this contract.

E. Debarment and Suspension: Before federal funds can be disbursed to the County, federal law requires that the County certify that it, all principals representing the County, and any subcontractors providing services to the County, are not currently under debarment or suspension and have not been under debarment or suspension within the past three years. The County will make this certification by attesting to Attachment E, Compliance With The Enhancement of Contractor Protection from Reprisal For Disclosure of Certain Information and Non-Debarment Certification and Warranty form by signature to this Contract.

III. SERVICE CONTRACTOR RESPONSIBILITIES:

A. Program Development: Service Contractor shall develop, implement and maintain Program elements to promote best practices in providing prevention/early intervention services to new parents. Program elements shall include:

1. Identify all families of at-risk infants from a targeted geographic area using reliable screening mechanisms.
2. Provide intensive, long-term, home visitor support.
3. Facilitate bonding between parent and infant.
4. Empower parents to seek support services through available community resources.
5. Promote healthy child development.
6. Prevent child abuse and neglect among project children from birth to age 5.
7. Link the child to a pediatric medical facility, other community services, and to developmental resources, as needed.
8. Initiate services with new parents before birth or at birth.
9. Identify families who are most in need of services
10. Offer services voluntarily and use positive, persistent, outreach efforts to build family trust.
11. Offer services intensively (at least once a week) and over the long term (2-5 years), with well-defined criteria for increasing or decreasing frequency of services.
12. Ensure services are culturally appropriate and staff acknowledges, understands and respects the family's cultural differences. Staff and materials used shall reflect the cultural, linguistic, geographic, racial and ethnic diversity of the population served.
13. Ensure services are comprehensive, focusing on supporting the family as a whole (parent(s) and child or children).
14. Ensure services are provided by staff with caseloads limited and monitored, to assure that home visits provide an adequate amount of time for each family visit to meet their unique and varying needs and to plan for future activities.
15. At a minimum, all families shall be linked to a medical provider to assure optimal health and development (i.e., the Medicaid Early, Periodic Screening, Diagnosis and Treatment Program (EPSDT), timely immunizations, well-child care, etc.). Dependent upon the family's needs,

Attachment: Agreement (12070 : MCH OPEI Agreement)

they may also be linked to additional services such as financial, food and housing assistance programs; school readiness programs; child care and job training programs; family support centers, substance abuse treatment programs and domestic violence shelters.

B. Reports: The Service Contractor shall report to KDHE/DHCF quarterly regarding the program success. Reports, using Attachment B – KDHE Quarterly Report, are due with the certification of funds and invoice requesting draw-down and payment of the Medicaid matching funds.

The Certification of Matching Funds and the Program Report must be made on Forms provided as Attachments B – Quarterly Report and C – Certification of Non-Federal Match. The invoice (Attachment D – Sample Invoice) showing amounts expended or to be expended and requesting draw-down and remittance to the County of the quarterly, Federal Match (FFP) may be made using the format used in Attachment D or in any other format preferred by the County and showing amounts expended or to be expended and requesting draw-down and remittance to the County of the FFP.

C. Services to be Provided: The Service Contractor acknowledges that KDHE/DHCF may adjust Attachment B at any point within the contracting period to include the addition of new information. The Service Contractor shall make potential adjustments within 60 days at the Service Contractor's expense.

1. Service providers should receive intensive training specific to their role in order to understand the essential components of family assessment and visitation. This training must include, but is not limited to, the areas of:
   (a) identifying at-risk families
   (b) offering services and making referrals
   (c) assisting with the application for Medicaid or CHIP services
   (d) promoting use of preventive health care
   (e) securing medical homes
   (f) emphasizing the importance of immunizations and the EPSDT Program
   (g) utilizing creative outreach efforts
   (h) establishing and maintaining trust with families
   (i) building upon family strengths
   (j) developing an individual family support plan
   (k) observing parent-child interactions
   (l) determining the safety of the home
   (m) managing crisis situations

2. Service providers should receive ongoing, effective supervision on a weekly basis so they are able to:
   (a) develop realistic and effective plans to empower families to meet their objectives;
   (b) understand why a family may not be making progress and how to work with that family more effectively;
   (c) develop accurate assessment skills.

3. Home visitors should have a framework of education/experience which prepares them for handling the variety of situations they may encounter

Attachment: Agreement (12070 : MCH OPEI Agreement)

when working with at-risk families. All service providers should participate in basic training opportunities in order to effectively perform their job in the areas of cultural competency, substance abuse, reporting child abuse, domestic violence, drug exposed infants, and services in their community.

Failure of the Service Contractor to provide qualified staffing at the level required may result in termination of this contract.

IV. CONTRACT TERMS AND CONDITIONS:

A. Term: The term of this contract shall begin July 1, 2022 through June 30, 2023 with three (3) additional one (1) year renewals, at the option of the parties hereto, and in written agreement of the parties.

B. Compensation: Total annual funding under this agreement shall not exceed $440,000, said amount comprising the County's certified matching funds of $220,000 and the FFP amount of $220,000. In the event increased funding becomes available to the County, and the County wishes to expand the scope of services, the County shall notify KDHE/DHCF in order that an amendment to the contract be prepared, if applicable.

County shall submit the quarterly certification and request the quarterly "draw down" of funds on or about July 1, October 1, January 1, and April 1 of the agreement year. The Service Contractor's report must accompany the certification and request for quarterly "draw down" of funds.

Quarterly payments shall be processed within two weeks of receiving the County's invoice or "draw down" request; Quarterly Report; and, Certification of Non-Federal Match. In no event shall the payment exceed forty-five days from date of request.

C. Suspension/Termination: Any of the parties hereto may terminate this agreement for any reason by giving written notice of the termination to the remaining parties at least 30 days prior to the date of termination stated in the written notice.

Further, it is understood and agreed that all obligations of KDHE/DHCF, including continuance of payments hereunder, are contingent upon the availability and continued appropriation of state and federal funds, and in no event shall KDHE/DHCF be liable for any payments hereunder in excess of such available appropriated funds. In the event that the amount of any available or appropriated funds provided by the state or federal sources for the purchase of services hereunder shall be reduced, terminated or shall not be continued at an aggregate level sufficient to allow for the purchase of the services specified hereunder for any reason whatsoever, KDHE/DHCF shall notify the County and Service Contractor of such reduction of funds available and shall be entitled to reduce the KDHE/DHCF's commitment hereunder or to terminate the contract as it deems necessary.

D. Termination for Unavailability of Funds: It is understood and agreed by the County and the Service Contractor that all obligations of the State of Kansas, including continuance of payments hereunder, are contingent upon the availability and

Attachment: Agreement (12070 : MCH OPEI Agreement)

continued appropriation of state and federal funds, and in no event shall the State of Kansas be liable for any payments hereunder in excess of such available appropriated funds. In the event that the amount of any available or appropriated funds provided by the state or federal sources for the purchase of services hereunder shall be reduced, terminated or shall not be continued at an aggregate level sufficient to allow for the purchase of the services specified hereunder for any reason whatsoever, the State of Kansas shall notify County and the Service Contractor of such reduction of funds available and shall be entitled to reduce the State's commitment hereunder or to terminate the contract as it deems necessary.

E. Retention of and Access to Records: All records prepared pursuant to this agreement shall be retained and safeguarded for a six-year period following termination of this agreement, and said records shall be made available to any other party to this agreement, and independent auditor retained by any other party, the Secretary of Health & Human Services, the U.S. Comptroller General, the Auditor of the Kansas Legislative Division of Post Audit, or their designees.

Each party shall bear the costs of storing, retrieving, and producing its records created and required to be kept under this agreement.

In the event that the terms of this agreement give rise to litigation, the parties shall retain all documents arising out of the litigation, for two years following termination of the litigation and any appeal thereof.

F. Independent Contractor Status: At all times pertinent to this agreement the County and Service Contractor shall perform as and hold the status of independent Contractors and at no time be deemed employees of the State. County and Service Contractor shall have sole discretion in directing the conduct, activities, and duties performed by their respective employees pursuant to this agreement.

County and Service Contractor shall take appropriate measures to ensure that their personnel who perform services are adequately covered by any and all employer related taxes and insurance in accordance with applicable law. KDHE/DHCF will not withhold any form of taxes, insurances, assessments, or plan payments required of an employer-employee status or that which may be requested by the County or Service Contractor, and County and Service Contractor shall be solely responsible for said taxes, insurances, assessments, and plan payments.

G. Confidentiality:

The Service Contractor may have access to private or confidential data maintained by State to the extent necessary to carry out its responsibilities under this contract. Service Contractor must comply with all the requirements of the Kansas Open Records Act in providing services under this contract. Service Contractor shall accept full responsibility for providing adequate supervision and training to its agents and employees to ensure compliance with the Act. No private or confidential data collected, maintained or used in the course of performance of this contract shall be disseminated by either party except as authorized by statute, either during the period of the contract or thereafter. Service Contractor must agree to return any or all data furnished by the State promptly at the request of

Attachment: Agreement (12070 : MCH OPEI Agreement)

State in whatever form it is maintained by Service Contractor. On the termination of expiration of this contract, Service Contractor will not use any of such data or any material derived from the data for any purpose and, where so instructed by State, will destroy or render it unreadable.

KDHE/DHCF shall not disclose Private Health Information to the County or Service Contractor.

H. Attachments: The provisions found in Attachments A, Contractual Provisions Attachment (DA-146a), B (KDHE Quarterly Report), C (Certification of Non-Federal Match Form), D (Sample Invoice), E (Compliance With The Enhancement of Contractor Protection from Reprisal For Disclosure of Certain Information and Non-Debarment Certification and Warranty form), F (Business Associate Agreement) and G (Policy Regarding Sexual Harassment) which are attached hereto, are hereby incorporated in this contract and made a part thereof.

I. Modifications: Modification or amendment to this agreement shall be in writing and executed with the same formality as the original.

J. Assignment: Neither the County nor the Service Contractor may assign or delegate its duties or obligations under this agreement without prior written consent of the KDHE/DHCF.

IN WITNESS HEREOF, the parties hereby execute this agreement on the day and year identified by the signatures below.

RILEY COUNTY

Greg McKinley, Chair
Riley County Board of County Commissioners

Date

RILEY COUNTY
HEALTH DEPARTMENT

Julie Gibbs, M.P.H., Director
Riley County Health Department

4-12-22
Date

KANSAS DEPARTMENT OF HEALTH
AND ENVIRONMENT

Janet Stanek
Secretary

Date

Attachment: Agreement (12070 : MCH OPEI Agreement)

State of Kansas
Department of Administration DA-146a
(Rev. 07-19)

ATTACHMENT A
CONTRACTUAL PROVISIONS ATTACHMENT

Important: This form contains mandatory contract provisions and must be attached to or incorporated in all copies of any contractual agreement. If it is attached to the vendor/contractor's standard contract form, then that form must be altered to contain the following provision:

The Provisions found in Contractual Provisions Attachment (Form DA-146a, Rev. 07-19), which is attached hereto, are hereby incorporated in this contract and made a part thereof.

The parties agree that the following provisions are hereby incorporated into the contract to which it is attached and made a part thereof, said contract being the _____ day of _____ 20__.

1. **Terms Herein Controlling Provisions:** It is expressly agreed that the terms of each and every provision in this attachment shall prevail and control over the terms of any other conflicting provision in any other document relating to and a part of the contract in which this attachment is incorporated. Any terms that conflict or could be interpreted to conflict with this attachment are nullified.

2. **Kansas Law and Venue:** This contract shall be subject to, governed by, and construed according to the laws of the State of Kansas, and jurisdiction and venue of any suit in connection with this contract shall reside only in courts located in the State of Kansas.

3. **Termination Due To Lack Of Funding Appropriation:** If, in the judgment of the Director of Accounts and Reports, Department of Administration, sufficient funds are not appropriated to continue the function performed in this agreement and for the payment of the charges hereunder, State may terminate this agreement at the end of its current fiscal year. State agrees to give written notice of termination to contractor at least thirty (30) days prior to the end of its current fiscal year and shall give such notice for a greater period prior to the end of such fiscal year as may be provided in this contract, except that such notice shall not be required prior to ninety (90) days before the end of such fiscal year. Contractor shall have the right, at the end of such fiscal year, to take possession of any equipment provided State under the contract. State will pay to the contractor all regular contractual payments incurred through the end of such fiscal year, plus contractual charges incidental to the return of any such equipment. Upon termination of the agreement by State, title to any such equipment shall revert to contractor at the end of the State's current fiscal year. The termination of the contract pursuant to this paragraph shall not cause any penalty to be charged to the agency or the contractor.

4. **Disclaimer Of Liability:** No provision of this contract will be given effect that attempts to require the State of Kansas or its agencies to defend, hold harmless, or indemnify any contractor or third party for any acts or omissions. The liability of the State of Kansas is defined under the Kansas Tort Claims Act (K.S.A. 75-6101, *et seq.).*

5. **Anti-Discrimination Clause:** The contractor agrees: (a) to comply with the Kansas Act Against Discrimination (K.S.A. 44-1001, *et seq.)* and the Kansas Age Discrimination in Employment Act (K.S.A. 44-1111, *et seq.)* and the applicable provisions of the Americans With Disabilities Act (42 U.S.C. 12101, *et seq.)* (ADA), and Kansas Executive Order No. 19-02, and to not discriminate against any person because of race, color, gender, sexual orientation, gender identity or expression, religion, national origin, ancestry, age, military or veteran status, disability status, marital or family status, genetic information, or political affiliation that is unrelated to the person's ability to reasonably perform the duties of a particular job or position; (b) to include in all solicitations or advertisements for employees, the phrase "equal opportunity employer"; (c) to comply with the reporting requirements set out at K.S.A. 44-1031 and K.S.A. 44-1116; (d) to include those provisions in every subcontract or purchase order so that they are binding upon such subcontractor or vendor; (e) that a failure to comply with the reporting requirements of (c) above or if the contractor is found guilty of any violation of such acts by the Kansas Human Rights Commission, such violation shall constitute a breach of contract and the contract may be cancelled, terminated or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration; (f) Contractor agrees to comply with all applicable state and federal anti-discrimination laws and regulations; (g) Contractor agrees all hiring must be on the basis of individual merit and qualifications, and discrimination or harassment of persons for the reasons stated above is prohibited; and (h) if is determined that the contractor has violated the provisions of any portion of this paragraph, such violation shall constitute a breach of contract and the contract may be canceled, terminated, or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration.

6. **Acceptance of Contract:** This contract shall not be considered accepted, approved or otherwise effective until the statutorily required approvals and certifications have been given.

7. **Arbitration, Damages, Warranties:** Notwithstanding any language to the contrary, no interpretation of this contract shall find that the State or its agencies have agreed to binding arbitration, or the payment of damages or penalties. Further, the State of Kansas and its agencies do not agree to pay attorney fees, costs, or late payment charges beyond those available under the Kansas Prompt Payment Act (K.S.A. 75-6403), and no provision will be given effect that attempts to exclude, modify, disclaim or otherwise attempt to limit any damages available to the State of Kansas or its agencies at law, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

8. **Representative's Authority to Contract:** By signing this contract, the representative of the contractor thereby represents that such person is duly authorized by the contractor to execute this contract on behalf of the contractor and that the contractor agrees to be bound by the provisions thereof.

9. **Responsibility for Taxes:** The State of Kansas and its agencies shall not be responsible for, nor indemnify a contractor for, any federal, state or local taxes which may be imposed or levied upon the subject matter of this contract.

10. **Insurance:** The State of Kansas and its agencies shall not be required to purchase any insurance against loss or damage to property or any other subject matter relating to this contract, nor shall this contract require them to establish a "self-insurance" fund to protect against any such loss or damage. Subject to the provisions of the Kansas Tort Claims Act (K.S.A. 75-6101, *et seq.),* the contractor shall bear the risk of any loss or damage to any property in which the contractor holds title.

11. **Information: No provision of this contract shall be construed as limiting the Legislative Division of Post Audit from having access to information pursuant to K.S.A. 46-1101, *et seq.***

12. **The Eleventh Amendment:** "The Eleventh Amendment is an inherent and incumbent protection with the State of Kansas and need not be reserved, but prudence requires the State to reiterate that nothing related to this contract shall be deemed a waiver of the Eleventh Amendment."

13. **Campaign Contributions / Lobbying:** Funds provided through a grant award or contract shall not be given or received in exchange for the making of a campaign contribution. No part of the funds provided through this contract shall be used to influence or attempt to influence an officer or employee of any State of Kansas agency or a member of the Legislature regarding any pending legislation or the awarding, extension, continuation, renewal, amendment or modification of any government contract, grant, loan, or cooperative agreement.

Attachment: Agreement (12070 : MCH OPEI Agreement)

KDHE2023-007

Attachment B

Outreach, Prevention and Early Intervention Services

Kansas Department of Health and Environment

QUARTERLY REPORT

Fiscal Year _____

_____ COUNTY HEALTH DEPARTMENT

NEW PARTICIPANTS IN REPORTING QUARTER	Q1	Q2	Q3	Q4
Total new participants				
Total prenatal referrals				
Total referrals at birth				
Total referrals at discharge				
Total of pregnant teens				
Total of post delivery teens				
Total home visits				
Total enrolled in Medicaid at first contact				
Total of applicants to Medicaid				
Total participating in family planning, if applicable				
Total with private health insurance				

TEEN PREGNANCY PARTICIPANTS IN REPORTING QUARTER	Q1	Q2	Q3	Q4
Total pregnant teens in program				
Total teen mothers in program				
Total teen mothers with more than one child				
Total of pregnant teens receiving prenatal care				
Total enrolled in Medicaid at first contact				
Total of applicants to Medicaid				
Total participating in family planning, if applicable				
Total with private health insurance				

OVERALL PROGRAM PARTICIPATION	Q1	Q2	Q3	Q4
Total enrolled in program				
Total enrollled in Medicaid				
Total participating in EPSDT				
Total number of home visits				
Total participants actively utilizating program services				
Total number unresponsive to outreach efforts				
Total number completing program through age 2				
Total number completing program through age 3				
Total number completing program through age 5				
Total number dropping out of program or inactive for three or more months				
Total with private health insurance				
Total with drug/alcohol abuse history				
Total with daily tobacco use				

10

Attachment: Agreement (12070 : MCH OPEI Agreement)

Attachment B

Outreach, Prevention and Early Intervention Services

Kansas Department of Health and Environment

QUARTERLY REPORT

Fiscal Year _____

_____ COUNTY HEALTH DEPARTMENT

PROGRAM SUMMARY/COMMENTS:

Attachment: Agreement (12070 : MCH OPEI Agreement)

Attachment C
Certification of Non-Federal Match Form
(To be used to certify Medicaid Matching Funds)

INSTRUCTIONS: Complete items 1 through 4 below, sign and date, and return the form to the address at the top of the second page. Please refer to your Invoice - Total Program Expenditures for this Quarter section when completing this form. **Please round dollar amounts to the nearest dollar.**

COUNTY: Riley

Federal Employer Identification Number: 48-6023850

QUARTER: (MO/YY – MO/YY) 7/22-6/23

1. TOTAL FUNDS ALLOWABLE*: $440,000
*Note-This amount should come from the Quarterly Invoice and MUST equal the Total Expenses submitted for the Quarter

2. TOTAL MEDICAID EXPENDITURES: $220,000
(Amount Expended - FEDERAL SHARE ONLY)

3. NON FEDERAL MATCH REQUIRED = (#1 – #2) $220,000
(Certified Funds that the County must identify in #4 below)

4. NON FEDERAL MATCH FUNDS provided by County. Designate the source and amount of funds in your County budget that you are using to match the federal funds received from Medicaid. The total amount of the certified funds that you identify ***must*** equal the amount shown in item #3 above.

SOURCE AMOUNT

tax revenues $220,000

_____ $ _____

_____ $ _____

I, on behalf of the Board of County Commissioners, certify that, to the best of my knowledge, the Non-Federal Match identified in #3 above, for the Quarter ending _____ represents funds expended or to be expended for Outreach, Prevention and Early Intervention Services. The amount expended or to be expended is from the sources identified and is eligible for federal match and does not duplicate any Federal claims for reimbursement, nor are the funds used to match other federal funds, unless expressly allowed by federal regulation. The funds sought from federal financial participation and the certified funds expended or to be expended as the non-federal match requirement have been or will be expended for Medicaid activities related to the delivery or coordination of outreach, screening, diagnosis, treatment, intervention or other program services, and I certify that to the best of my knowledge the County Health Department has records on file documenting that there were allowable paid claims for these services that were actually delivered to program beneficiaries during the quarter.

CERTIFICATION OF FUNDS BY THE CHAIRMAN OF THE BOARD OF COUNTY COMMISSIONERS OR OTHER AUTHORIZED ELECTED OFFICIAL OR EMPLOYEE OF THE COUNTY:

Signature _____
Chairperson of the Board of County Commissioners

Name (Printed): _____
Date: _____

Or other authorized elected official or employee of the County whose title is:

_____

Attachment: Agreement (12070 : MCH OPEI Agreement)

RETURN THIS COMPLETED FORM TO:
Kansas Department of Health and Environment
Division of Health Care Finance
Attention: Contracts Unit
900 SW Jackson St., Room 900-N
Topeka, KS 66612

The County hereby requests that the Kansas Department of Health and Environment, Division of Health Care Finance (KDHE/DHCF) draw down and distribute to the County, on behalf of the County Health Department the amount identified in paragraph 2., on the preceding page, for Program related services that are eligible for reimbursement by the federal share only of the Medicaid allowed amount. The County is responsible for "matching" the federal payment with certifiable funds already in their budgets. This involves identifying the certifiable funds in the County budget being designated to match the federal Medicaid payment received by the County. Certifiable funds include, but are not limited to, taxes levied and received by the County, fees, bona fide donations, and other funds received by the County from non-federal sources (generally, although there may be exceptions) that are not already used for other federal financial participation (FFP) funds.

The County must certify the availability of the matching non-federal share of service expenditures, using this form. This form should be submitted to KDHE/DHCF for expenditures incurred in a calendar quarter (Ex: Jan-Mar, April-Jun, July-Sept, or Oct-Dec).

Procedure for Completing the Certification Form

1. **Total Medicaid Allowable** - All costs that Medicaid will allow as certifiable Medicaid expenditures. This amount is shown in the quarterly invoice as "Total Expense" and should be equal to the total in that column. Please round all amounts to the nearest dollar.
2. **Total Medicaid Expenses** - The amount of expenses reimbursable by federal funds received or to be received in support of the Medicaid program. This amount is shown in the invoice as "Medicaid Expenses" and should be equal to the total in that column. Please round all amounts to the nearest dollar.
3. **Non-Federal Match Required** – These are the matching funds that the County must identify. The amount is shown in the invoice as "County Expenses" and should be equal to the total in that column.
4. **Non-Federal Match Funds** – Designate the source and the amount of funds in your County budget that you are using to match the federal funds received by Medicaid. This amount should be equal to the amount in #3.
5. **The Chairman of the County's Board of County Commissioners or other authorized elected official or employee of the County** must sign and date this form, certifying the accuracy and completeness of the amounts listed.
6. **The County's Budget Officer or other authorized officer or employee of the County** must sign and date the Quarterly Invoice.

Attachment: Agreement (12070 : MCH OPEI Agreement)

Attachment D

SAMPLE INVOICE

for the

_____ County Contract KDHE2023-_____

Quarter _____ State Fiscal Year: _____

PERSONNEL			Quarterly				Year-to-Date		
Name	Title	% FTE	Medicaid Expense (1)	County Expense	Total Expense		Medicaid Expense (1)	County Expense	Total Expense
TRAVEL	In-state only								
SUPPLIES	Project Supplies								
OTHER	Telephone								
	Communications								
	Photocopying								
	Postage								
TOTAL COST									

I, (Name)_____, do hereby certify that the amounts shown as Medicaid and county expenses for the _____ quarter, State Fiscal Year _____ were or will be incurred and expended by _____County for the purposes required by the contract number indicated above.

I further certify that the amounts shown as county expenses were or will be paid for using certified matching funds provided by _____County and hereby request that Kansas Department of Health and Environment draw down the federal funds required to reimburse _____County for Medicaid funding participation in this program.

_____ _____

Signature of the County Budget Officer Date

For the County of: _____

Bill To: kdhe.AccountsPayable@ks.gov

Kansas Department of Health and Environment
Division of Health Care Finance
Attn: Contract Manager
900 SW Jackson St., Room 900-N
Topeka, KS 66612

Attachment: Agreement (12070 : MCH OPEI Agreement)

Attachment E

COMPLIANCE WITH THE "ENHANCEMENT OF CONTRACTOR PROTECTION FROM REPRISAL FOR DISCLOSURE OF CERTAIN INFORMATION" and NON-DEBARMENT CERTIFICATION AND WARRANTY

Congress has enacted a law, found at 41 U.S.C. 4712, which encourages employees to report fraud, waste, and abuse. This law applies to all employees working for contractors, grantees, subcontractors and subgrantees on federal grants and contracts [for the purpose of this document, "Recipient of Funds"].

This program requires all grantees, their subgrantees and subcontractors to:

- Inform their employees working on any Federal award they are subject to whistleblower rights and remedies,
- Inform their employees in writing of employee whistleblower protections under 41 U.S.C. 4712 in the predominant native language of the workforce; and,
- Contractors and grantees will include such requirements in any agreement made with a subcontractor or subgrantee.

Employees of a contractor, subcontractor, grantee [or subgrantee] may not be discharged, demoted, or otherwise discriminated against as reprisal for "whistleblowing." In addition, whistleblower protections cannot be waived by any agreement, policy, form or condition of employment.

Whistleblowing is defined as making a disclosure "that the employee reasonably believes is evidence of any of the following:

- Gross mismanagement of a federal contract or grant,
- A gross waste of federal funds,
- An abuse of authority relating to a federal contract or grant,
- A substantial and specific danger to public health or safety; or,
- A violation of law, rule, or regulation related to a federal contract or grant (including the competition for, or negotiation of, a contract or grant).

To qualify under the statute, the employee's disclosure must be made to:

- A Member of Congress or a representative of a Congressional committee,
- An Inspector General,
- The Government Accountability Office,
- A federal employee responsible for contract or grant oversight or management at the relevant agency,
- An official from the Department of Justice, or other law enforcement agency,
- A court or grand jury; or,
- A management official or other employee of the contractor, subcontractor, grantee, or subgrantee who has the responsibility to investigate, discover, or address misconduct.

For all grants, contracts, sub-grants, and subcontracts funded directly or indirectly and in part or totally by federal funds, the Contractor shall inform all of its employees in writing of employee whistleblower rights and protections stated by 41 U.S.C. 4712.

NON-DEBARMENT CERTIFICATION AND WARRANTY

The Recipient of Funds acknowledges that KDHE is required to verify that the Recipient of Funds has not been suspended, debarred or otherwise excluded from receiving federal funds. Verification may be accomplished by 1) checking the System of Award Management (SAM) database; 2) obtaining a certification from the entity; or 3) by adding a clause or condition to the transaction.

The Recipient of Funds, as a condition of receiving funds, certifies and warrants that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency, or by any department or agency of the State of Kansas.

Attachment: Agreement (12070 : MCH OPEI Agreement)

Attachment F

BUSINESS ASSOCIATE AGREEMENT

THIS AGREEMENT is made and entered into by and between the Kansas Department of Health and Environment (hereinafter referred to as "KDHE") and the Riley County Health Department (hereinafter referred to as "Business Associate").

Notwithstanding Section V of this Business Associate Agreement (hereinafter referred to as "BAA"), the term of this BAA shall run concurrently with the Underlying Contract between the parties and shall have the same effective date and termination date as the Underlying Agreement.

RECITALS

The Parties to this BAA have a relationship whereby KDHE may provide Business Associate access to Protected Health Information (hereinafter referred to as "PHI"), which may include electronic Protected Health Information, that Business Associate will use to fulfill its contractual obligations to KDHE.

KDHE and Business Associate acknowledge that each party has certain obligations under the Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), as amended, including those provisions of the American Recovery and Reinvestment Act of 2009 ("ARRA"), specifically the Health Information Technology for Economic and Clinical Health Act ("HITECH"), and the statutes implementing regulations to maintain the privacy and security of PHI, and the parties intend this BAA to satisfy those obligations including, without limitation, the requirements of 45 CFR 164.504(e).

KDHE is a Hybrid Contractor under HIPAA, specifically the Division of Health Care Finance within KDHE containing the Covered Contractor functions. Therefore Business Associate is not permitted to use or disclose health information in ways that KDHE could not. This protection continues as long as the data is in the hands of Business Associate. Business Associate acknowledges that for the purposes of this BAA, Business Associate is a "business associate" as that term is defined in 45 CFR § 160.103, and therefore the requirements of HIPAA apply to Business Associate in the same manner that they apply to KDHE pursuant to 42 USC § 17931(a).

NOW THEREFORE, in consideration of the mutual promises below and other good and valuable consideration the parties agree as follows:

I. DEFINITIONS

A. "Administrative Safeguards" shall mean the administrative actions, policies and procedures to manage the selection, development, implementation and maintenance of security measures to protect PHI and to manage the conduct of Business Associate's workforce in relation to the protection of that PHI.

B. "Business Associate" shall have the same meaning as the term "Business Associate" as defined in 45 CFR 160.103.

C. "Data Aggregation Services" shall mean, with respect to PHI created or received by Business Associate in its capacity as a Business Associate of KDHE, the combining of such PHI by the Business Associate with the PHI received by the

Attachment: Agreement (12070 : MCH OPEI Agreement)

Business Associate in its capacity as a business associate of another covered Contractor, to permit data analyses that relate to the health care operations of the respective covered entities, as defined in 45 CFR § 164.501 and as such term may be amended from time to time in this cited regulation.

D. "Designated Record Set" shall mean a group of records maintained by or for KDHE that consists of the following: (a) medical records and billing records about Individuals maintained by or for a health care provider; (b) enrollment, payment, claims adjudication, and case or medical management record systems maintained by or for a health plan; or (c) records used in whole or in part, by or for KDHE to make decisions about Individuals. For these purposes, the term "record" means any item, collection, or group of information that includes PHI and is maintained, collected, used, or disseminated by or for KDHE.

E. "Disclosure" shall mean the release, transfer, provision of, access to, or divulging in any other manner of PHI outside the Contractor holding the information.

F. "HIPAA" shall mean the Health Insurance Portability and Accountability Act of 1996, the implementation regulations promulgated thereunder by the U.S. Department of Health and Human Services, the HITECH (as defined below) and any future regulations promulgated thereunder, all as may be amended from time to time.

G. "HITECH Act" shall mean the Health Information Technology for Economic Clinical Health Act, Title VIII of Division A and Title VI of Division B of the American Recovery and Reinvestment Act of 2009 (ARRA) (Pub.L.111-5).

H. "Individual" shall have the same meaning as the term "individual" as defined in 45 CFR 160.103, and any amendments thereto, and shall include a person who qualifies as a personal representative in accordance with 45 CFR 164.502(g).

I. "Physical Safeguards" shall mean the physical measures, policies and procedures to protect KDHE's electronic information systems and related buildings and equipment from natural and environmental hazards and unauthorized intrusion.

J. "Privacy Rule" shall mean the Standards for Privacy of Individually Identifiable Health Information at 45 CFR Part 160 and Part 164.

K. "Protected Health Information" shall have the same meaning as the term "protected health information", as defined in 45 CFR 160.103 and any amendments thereto, limited to the information created or received by Business Associate from or on behalf of KDHE.

L. "Required by Law" shall have the same meaning as the term "required by law" in 45 CFR 164.103.

M. "Secretary" shall mean the Secretary of the United States Department of Health and Human Services or his/her designee.

Attachment: Agreement (12070 : MCH OPEI Agreement)

N. "Security Incident" shall mean the attempted or successful unauthorized access, use, disclosure, modification or destruction of information or interference with system operations in an information system.

O. "Security Rule" shall mean the Standards for Security of Electronic Protected Health Information at 45 CFR Parts 160, 162 and 164.

P. "Technical Safeguards" shall mean the technology and the policy and procedures for its use that protect PHI and control access to it.

Q. "Underlying Contract" means any written contract for services between KDHE.

R. "Unsecure Protected Health Information (PHI)" means protected health information that is not rendered unusable, unreadable, or indecipherable to unauthorized persons through the use of a technology or methodology specified by the Secretary in the guidance issued under section 13402(h)(2) of Public Law 111-5.

S. "Use" shall mean, with respect to PHI, the sharing, employment, application, utilization, examination, or analysis of such information within any Contractor that maintains such information.

T. Capitalized terms used, but not otherwise defined, in this BAA shall have the same meaning ascribed to them in HIPAA, the Privacy Rule, the Security Rule, or HITECH or any future regulations promulgated or guidance issued by the Secretary.

II. OBLIGATIONS AND ACTIVITIES OF BUSINESS ASSOCIATE

A. Use and Disclosure. Business Associate agrees to not use or disclose PHI other than as permitted or required by this BAA or as Required by Law.

B. Safeguards to be in Place. Business Associate agrees to use appropriate safeguards to prevent the use or disclosure of PHI other than as provided for by this BAA. Additionally, Business Associate shall implement Administrative, Physical and Technical Safeguards that reasonably and appropriately protect the confidentiality, integrity and availability of the PHI that it creates, receives, maintains or transmits on behalf of KDHE as required by the Security Rule.

C. HIPAA Training. Business Associate agrees to ensure all members of its workforce, including subcontractor workforce members, that will or potentially will provide services pursuant to the Underlying Agreement, will be appropriately trained on the requirements of HIPAA.

D. Duty to Mitigate. Business Associate agrees to mitigate, to the extent practicable, any harmful effect that is known to Business Associate of a use or disclosure of PHI by Business Associate in violation of the requirements of this BAA or the Privacy Rule and to communicate in writing, such procedures to KDHE.

E. Business Associate's Agents and Subcontractors. Business Associate agrees to ensure that any agent, including a subcontractor, to whom it provides PHI received from, or created or received by Business Associate on behalf of KDHE agrees, in

Attachment: Agreement (12070 : MCH OPEI Agreement)

writing in the form of a Business Associate Agreement, to the same restrictions and conditions that apply through this BAA to Business Associate with respect to such information, including implementation of reasonable and appropriate safeguards to protect PHI. Business Associate agrees that it is directly liable for any actions of its subcontractors that results in a violation of this Agreement. Business Associate also agrees to make available to KDHE any contracts or agreements Business Associate has with any subcontractors Business Associate provides PHI under this BAA.

F. Duty to Provide Access. To the extent Business Associate has PHI in a Designated Record Set, Business Associate agrees to provide access, at the request of KDHE, to the PHI in the Designated Record Set to KDHE or, as directed by KDHE, to the Individual, in order to meet the requirements under 45 CFR 164.524. Any denial by Business Associate of access to PHI shall be the responsibility of, and sufficiently addressed by, Business Associate, including, but not limited to, resolution of all appeals and/or complaints arising therefrom.

G. Amendment of PHI. Business Associate agrees to make any amendment(s) to PHI in its possession contained in a Designated Record Set that KDHE directs or agrees to pursuant to 45 CFR 164.526 at the request of KDHE or an Individual, and within a reasonable time and manner.

H. Duty to Make Internal Practices Available. Business Associate agrees to make its internal practices, books and records, including policies and procedures relating to the use and disclosure of PHI, and any PHI received from, or created or received by Business Associate on behalf of KDHE, available to the Secretary, in a time and manner designated by the Secretary, for purposes of the Secretary determining KDHE's compliance with the Privacy Rule.

I. Documenting Disclosures/Accounting. Business Associate agrees to document any disclosures of PHI and information in its possession related to such disclosures as would be required for KDHE to respond to a request by an individual for an accounting of disclosures of PHI in accordance with 45 CFR 164.528. Business Associate agrees to provide to KDHE information collected in accordance with Section II(h) of this BAA, to permit KDHE to respond to a request by an Individual for an accounting of disclosures of PHI in accordance with 45 CFR 164.528.

J. Reporting Disclosures to KDHE. In addition to the duty to mitigate under Section II(c), Business Associate agrees to report to KDHE any unauthorized use or disclosure of unsecure PHI not provided for by this BAA or the Privacy Rule of which it or its officers, employees, agents or subcontractors discover, including any breach of unsecure PHI of which it becomes aware, as soon as practicable but no longer than five (5) business days after the discovery of such disclosure. Notice to KDHE shall consist of notifying the KDHE Privacy Officer by phone or email of the occurrence of an unauthorized use, disclosure or security incident.

K. Notification of Breach. Business Associate shall notify Covered Contractor within five (5) business days after it, or any of its employees, subcontractors, or agents, discovers that a breach of unsecured PHI as defined by 45 CFR 164.402 may have occurred, irrespective of any occurrence or non-occurrence of harm. Notice to

Attachment: Agreement (12070 : MCH OPEI Agreement)

KDHE shall consist of notifying the KDHE Privacy Officer by phone or email of the occurrence of a Breach or suspected occurrence of a Breach. Business Associate shall exercise reasonable diligence to become aware of whether a breach of unsecured PHI may have occurred and, except as stated to the contrary in this Section, shall otherwise comply with 45 CFR 164.410 in making the required notification to Covered Contractor. Business Associate shall cooperate with Covered Contractor in the determination as to whether a breach of unsecured PHI has occurred and whether notification to affected individuals of the breach of unsecured PHI is required by 45 CFR 164.400 *et seq.*, including continuously providing the Covered Contractor with additional information related to the suspected breach as it becomes available. In the event that Covered Contractor informs Business Associate that (i) Covered Contractor has determined that the affected individuals must be notified because a breach of unsecured PHI has occurred and (ii) Business Associate is in the best position to notify the affected individuals of such breach, Business Associate shall immediately provide the required notice (1) within the time frame defined by 45 CFR 164.404(b), (2) in a form and containing such information reasonably requested by Covered Contractor, (3) containing the content specified in 45 CFR 164.404(c), and (4) using the method(s) prescribed by 45 CFR 164.404(d). In addition, in the event that Covered Contractor indicates to Business Associate that Covered Contractor will make the required notification, Business Associate shall promptly take all other actions reasonably requested by Covered Contractor related to the obligation to provide a notification of a breach of unsecured PHI under 45 CFR 164.400 *et seq.* Business Associate shall indemnify and hold Covered Contractor harmless from all liability, costs, expenses, claims or other damages that Covered Contractor, its related corporations, or any of its or their directors, officers, agents, or employees, may sustain as a result of a Business Associate's breach, or Business Associate's subcontractor or agent's breach, of its obligations under this Agreement.

III. PERMITTED USES AND DISCLOSURES BY BUSINESS ASSOCIATE

A. General Use and Disclosure Provisions. Except as otherwise limited in this Agreement, Business Associate may use or disclose PHI on behalf of, or to provide services to, Covered Contractor for the purposes set forth in III(b), if such use or disclosure of PHI would not violate the Privacy Rule if done by Covered Contractor.

B. Specific Use and Disclosure Provisions.

A. Business Associate may use and disclose PHI to perform services for Covered Contractor, including specific services, as set out in the Underlying Agreement, and any additional services necessary to carry out those specific services in the Underlying Agreement.

B. Business Associate may use PHI in its possession for the proper management and administration of Business Associate and to carry out the legal responsibilities of Business Associate.

Business Associate may disclose PHI in its possession for the proper management and administration of Business Associate, provided that disclosures are Required By Law.

Attachment: Agreement (12070 : MCH OPEI Agreement)

Business Associate may only de-identify PHI in its possession obtained from Covered Contractor with Covered Contractor's prior written consent, in accordance with all de-identification requirements of the Privacy Rule.

C. Business Associate may use PHI to report violations of law to appropriate federal and state authorities, consistent with 45 CFR 164.502(j)(1). Covered Contractor shall be furnished with a copy of all correspondence sent by Business Associate to a federal or state authority.

D. Except as otherwise limited in this Agreement, Business Associate may use PHI to provide Data Aggregation Services to Covered Contractor.

E. Any use or disclosure of PHI by Business Associate shall be in accordance with the minimum necessary policies and procedures of Covered Contractor and the regulations and guidance issued by the Secretary on what constitutes the minimum necessary for Business Associate to perform its obligations to Covered Contractor under this Agreement and the Underlying Agreement.

IV. OBLIGATIONS OF COVERED CONTRACTOR

A. Covered Contractor shall notify Business Associate of any limitation(s) in its Notice of Privacy Practices of Covered Contractor in accordance with 45 CFR 164.520, to the extent that such limitation may affect Business Associate's use or disclosure of PHI.

B. Covered Contractor shall notify Business Associate in a timely manner of any changes in, or revocation of, permission by an Individual to use or disclose PHI to the extent that such change may affect Business Associate's permitted or required use or disclosure of PHI.

C. Covered Contractor shall notify Business Associate in a timely manner of any restriction to the use and/or disclosure of PHI, which the Covered Contractor has agreed to in accordance with 45 CFR 164.522, to the extent that such restriction may affect Business Associate's use or disclosure of PHI.

D. Covered Contractor shall not request Business Associate to use or disclose PHI in any manner that would not be permissible under the Privacy Rule if done by Covered Contractor.

V. TERMINATION

A. Term. The term of this Agreement shall run concurrently with the Underlying Contract with Covered Contractor and shall terminate upon termination of the Underlying Contract and when all of the PHI provided by Covered Contractor to Business Associate, or created or received by Business Associate on behalf of Covered Contractor, is destroyed or returned to Covered Contractor, or, if it is infeasible to return or destroy the PHI, protections are extended to such information, in accordance with the termination provisions of Section (V)(c)(2).

Attachment: Agreement (12070 : MCH OPEI Agreement)

B. Termination for Cause. Upon either party's knowledge of a material breach by the other party, such party shall either:

1. Provide an opportunity for the breaching party to cure the breach, end the violation, or terminate this Agreement if the breaching party does not cure the breach or end the violation within five (5) business days;

2. Immediately terminate the Agreement if the breaching party has breached a material term of this Agreement and cure is not possible; or

3. If neither termination nor cure is feasible, the non-breaching party shall report the violation to the Secretary.

C. Effect of Termination.

1. Except as provided in paragraph V(c)(2) of this Agreement, upon termination of this Agreement, for any reason, Business Associate shall return or destroy all PHI received from Covered Contractor, or created or received by Business Associate on behalf of Covered Contractor. This provision shall apply to PHI that is in the possession of subcontractors or agents of Business Associate. Business Associate shall retain no copies of the PHI.

2. In the event that Business Associate determines that returning or destroying the PHI is infeasible, Business Associate shall provide to Covered Contractor notification in writing of the conditions that make return or destruction infeasible. Upon verification that return or destruction of PHI is infeasible, Business Associate shall extend the protections of this Agreement to such PHI and limit further uses and disclosures of such PHI to those purposes that make the return or destruction infeasible, for so long as Business Associate maintains such PHI. If it is infeasible for Business Associate to obtain, from a subcontractor or agent, any PHI in the possession of the subcontractor or agent, Business Associate must provide a written explanation to Covered Contractor and require the subcontractors and agents to agree to extend any and all protections, limitations and restrictions contained in this Agreement to the subcontractors' and/or agents' use and/or disclosure of any PHI retained after the termination of this Agreement, and to limit any further uses and/or disclosures to the purposes that make the return or destruction of the PHI infeasible.

D. Judicial or Administrative Proceedings. Notwithstanding any other provision herein, Covered Contractor may terminate the applicable Underlying Agreement, effective immediately, upon a finding or stipulation that Business Associate violated any applicable standard or requirement of the Privacy Rule or the Security Rule or any other applicable laws related to the security or privacy of PHI, relating to the Underlying Agreement, in any criminal, administrative or civil proceeding in which the Business Associate is a named party.

Attachment: Agreement (12070 : MCH OPEI Agreement)

VI. MISCELLANEOUS

A. Regulatory References. A reference in this Agreement to a section in the Privacy Rule or Security Rule means the section as in effect or as amended and for which compliance is required.

B. Amendment. No change, amendment, or modification of this Agreement shall be valid unless set forth in writing and agreed to by both parties, except as set forth in Section VI(I) below.

C. Indemnification. Subject to the terms of the underlying contract, Business Associate shall indemnify Covered Contractor for any and all claims, inquiries, costs or damages, including but not limited to any monetary penalties, that Covered Contractor incurs arising from a violation by Business Associate, or a subcontractor or agent of Business Associate, of its obligations hereunder.

D. Survival. The respective obligations of Business Associate under this Agreement shall survive the termination of this Agreement.

E. Interpretation. Any ambiguity or inconsistency in this Agreement shall be resolved in favor of a meaning that permits Covered Contractor to comply with the Privacy Rule, the Security Rule, and the ARRA.

F. No Third Party Beneficiaries. Nothing express or implied in this Agreement is intended to confer, nor shall anything herein confer, upon any person other than Covered Contractor and its respective successors or assigns, any rights, remedies, obligations or liabilities whatsoever.

G. Notices. Any notices to be given to either party under this Agreement shall be made in writing and delivered via e-mail at the address given below:

Business Associate: Julie Gibbs, jgibbs@rileycountyks.gov

Covered Contractor: Michael Smith, Michael.Smith@ks.gov

H. Headings. The section headings are for convenience only and shall not be construed to define, modify, expand, or limit the terms and provisions of this Agreement.

I. Governing Law and Venue. This Agreement shall be governed by, and interpreted in accordance with, the internal laws of the State of Kansas, without giving effect to its conflict of law provisions.

J. Binding Effect. This Agreement shall be binding upon, and shall inure to the benefit of, the parties hereto and their respective permitted successors and assigns.

K. Effect on Underlying Agreement. If any portion of this Agreement is inconsistent with the terms of the Underlying Agreement, the terms of this Agreement shall prevail. Except as set forth above, the remaining provisions of the Underlying Agreement are ratified in their entirety.

Attachment: Agreement (12070 : MCH OPEI Agreement)

L. Modification. The parties acknowledge that state and federal laws relating to electronic data security and privacy are rapidly evolving and that amendment of this Agreement may be required to ensure compliance with such developments. The parties specifically agree to take such action as may be necessary to implement the standards and requirements of HIPAA and other applicable state and federal laws relating to the security or confidentiality of PHI as determined solely by Covered Contractor.

In the event that a federal or state law, statute, regulation, regulatory interpretation or court/agency determination materially affects this Agreement, as is solely determined by Covered Contractor, the parties agree to negotiate in good faith any necessary or appropriate revisions to this Agreement. If the parties are unable to reach an agreement concerning such revisions within the earlier of sixty (60) days after the date of notice seeking negotiations or the effective date of the change in law or regulation, or if the change in law or regulation is effective immediately, the Covered Contractor, in its sole discretion, may unilaterally amend this Agreement to comply with the change in law upon written notice to Business Associate.

VII. OBLIGATIONS OF BUSINESS ASSOCIATE PURSUANT TO HITECH

A. Access to PHI in an Electronic Format. If Business Associate uses or maintains PHI in an Electronic Health Record, Business Associate must provide access to such information in an electronic format if so requested by an Individual. Any fee that Business Associate may charge for such electronic copy shall not be greater than Business Associate's labor costs in responding to the request. If an Individual makes a direct request to Business Associate for access to a copy of PHI, Business Associate will promptly inform the Covered Contractor in writing of such request.

B. Prohibition on Marketing Activities. Business Associate shall not engage in any marketing activities or communications with any individual unless such marketing activities or communications are allowed by the terms of the Underlying Agreement and are made in accordance with HITECH or any future regulations promulgated thereunder. Notwithstanding the foregoing, any payment for marketing activities should be in accordance with HITECH or any future regulations promulgated thereunder.

C. Application of the Security Rule to Business Associate. Business Associate shall abide by the provisions of the Security Rule and use all appropriate safeguards to prevent use or disclosure of PHI other than as provided for by this Agreement. Without limiting the generality of the foregoing sentence, Business Associate shall:

1. Adopt written policies and procedures to implement the same administrative, physical, and technical safeguards required of the Covered Contractor; and

2. Abide by the most current guidance on the most effective and appropriate technical safeguards as issued by the Secretary.

If Business Associate violates the Security Rule, it acknowledges that it is directly subject to civil and criminal penalties.

Attachment: Agreement (12070 : MCH OPEI Agreement)

VIII. ADDITIONAL OBLIGATIONS OF BUSINESS ASSOCIATE

Business Associate shall not receive any remuneration, directly or indirectly, in exchange for any PHI, unless so allowed by the terms of the Underlying Agreement and in accordance with HITECH and any future regulations promulgated thereunder.

IX. ENFORCEMENT

Business Associate acknowledges that, in the event it, or its subcontractor or agent, violates any applicable provision of the Security Rule or any term of this Agreement that would constitute a violation of the Privacy Rule, Business Associate will be subject to and will be directly liable for any and all civil and criminal penalties that may result from such violation.

IN WITNESS WHEREOF, and intending to be legally bound, the parties have executed this Agreement as of the date reflected below.

BUSINESS ASSOCIATE	**KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT**
Julie Gibbs, M.P.H., Director Riley County Health Department	Janet Stanek Secretary
4-12-22 Date	Date

Attachment: Agreement (12070 : MCH OPEI Agreement)

Attachment G
Policy Regarding Sexual Harassment

WHEREAS, sexual harassment and retaliation for sexual harassment claims are unacceptable forms of discrimination that must not be tolerated in the workplace; and

WHEREAS, state and federal employment discrimination laws prohibit sexual harassment and retaliation in the workplace; and

WHEREAS, officers and employees of the State of Kansas are entitled to working conditions that are free from sexual harassment, discrimination, and retaliation; and

WHEREAS, the Governor and all officers and employees of the State of Kansas should seek to foster a culture that does not tolerate sexual harassment, retaliation, and unlawful discrimination.

NOW THEREFORE, pursuant to the authority vested in me as Governor of the State of Kansas, I hereby order as follows:

1. All Executive Branch department and agency heads shall have available, and shall regularly review and update at least every three years or more frequently as necessary, their sexual harassment, discrimination, and retaliation policies. Such policies shall include components for confidentiality and anonymous reporting, applicability to intern positions, and training policies.

2. All Executive Branch department and agency heads shall ensure that their employees, interns, and contractors have been notified of the state's policy against sexual harassment, discrimination, or retaliation, and shall further ensure that such persons are aware of the procedures for submitting a complaint of sexual harassment, discrimination, or retaliation, including an anonymous complaint.

3. Executive Branch departments and agencies shall annually require training seminars regarding the policy against sexual harassment, discrimination, or retaliation. All employees shall complete their initial training session pursuant to this order by the end of the current fiscal year.

4. Within ninety (90) days of this order, all Executive Branch employees, interns, and contractors under the jurisdiction of the Office of the Governor shall be provided a written copy of the policy against sexual harassment, discrimination, and retaliation, and they shall execute a document agreeing and acknowledging that they are aware of and will comply with the policy against sexual harassment, discrimination, and retaliation.

5. Matters involving any elected official, department or agency head, or any appointee of the Governor may be investigated by independent legal counsel.

6. The Office of the Governor will require annual mandatory training seminars for all staff, employees, and interns in the office regarding the policy against sexual harassment, discrimination, and retaliation, and shall maintain a record of attendance.

7. Allegations of sexual harassment, discrimination, or retaliation within the Office of the Governor will be investigated promptly, and violations of law or policy shall constitute grounds for disciplinary action, including dismissal.

Attachment: Agreement (12070 : MCH OPEI Agreement)

8. This Order is intended to supplement existing laws and regulations concerning sexual harassment and discrimination, and shall not be interpreted to in any way diminish such laws and regulations. The Order provides conduct requirements for covered persons, and is not intended to create any new right or benefit enforceable against the State of Kansas.

9. Persons seeking to report violations of this Order, or guidance regarding the application or interpretation of this Order, may contact the Office of the Governor regarding such matters.

Agreement to Comply with the Policy Against Sexual Harassment, Discrimination, and Retaliation.

I hereby acknowledge that I have received a copy of the State of Kansas Policy Against Sexual Harassment, Discrimination, and Retaliation established by Executive Order 18-04 and agree to comply with the provisions of this policy.

Signature and Date

Julie Gibbs

Printed Name

Attachment: Agreement (12070 : MCH OPEI Agreement)

Attachment: Agreement (12070 : MCH OPEI Agreement)

HEALTH DEPARTMENT
Presentation

Julie Gibbs
Health Department
Director
2030 Tecumseh Rd
Manhattan, KS 66502
Phone: 785-776-4779

MEMORANDUM

FROM: **Kaylyn Speth**

MEETING: **April 14, 2022**

SUBJECT: **Riley County Health Department Women, Infants and Children Program Updates**

PRESENTER: **Kaylyn Speth**

WIC Program Updates

Enclosures:
- BOCC STATE OF WIC (PDF)

WOMEN, INFANTS,
& CHILDREN

THE STATE OF WIC

Attachment: BOCC STATE OF WIC (12067 : WIC Program Update)

WHO WE SERVE

PREGNANT WOMEN
BREASTFEEDING AND POSTPARTUM WOMEN
INFANTS
CHILDREN UP TO AGE 5

WHO MEET 185% OF THE FEDERAL POVERTY LEVEL



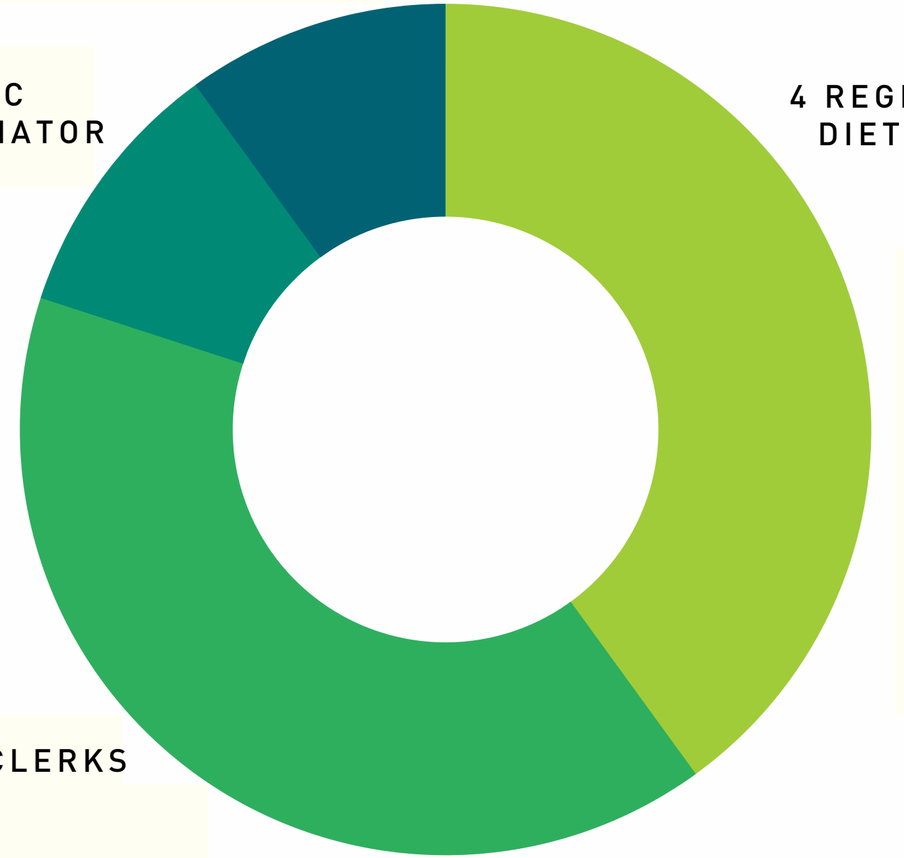
Attachment: BOCC STATE OF WIC (12067 : WIC Program Update)

HOW WE SERVE

1 BREASTFEEDING PEER COUNSELOR

1 WIC COORDINATOR

4 REGISTERED DIETITIANS

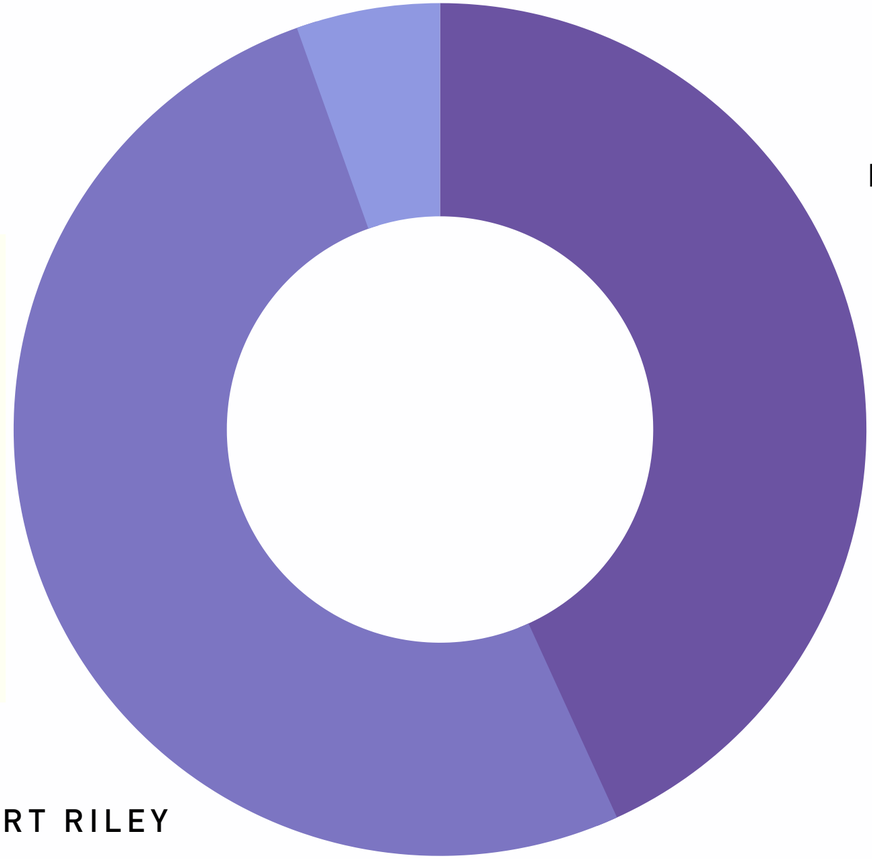


4 WIC CLERKS

STAFFING

WAMEGO

MANHATTAN



FORT RILEY

CASELOAD

Attachment: BOCC STATE OF WIC (12067 : WIC Program Update)

PILLARS OF WIC

1 NUTRITION EDUCATION

2 HEALTHY FOODS

3 BREASTFEEDING SUPPORT

4 CONNECTION TO SERVICES

Attachment: BOCC STATE OF WIC (12067 : WIC Program Update)

FAST FACTS

83% OF VOTERS SUPPORT WIC

76% OF VOTERS SUPPORT INCREASING VALUE OF WIC BENEFIT

EVERY DOLLAR SPENT ON WIC HAS A $2.48 RETURN ON INVESTMENT

ECONOMIC IMPACT



$1.09 million WIC dollars spent at area stores in 2021

Attachment: BOCC STATE OF WIC (12067 : WIC Program Update)

WIC'S ROLE IN BUILDING HEALTHIER OUTCOMES



PREGNANCY

↓ Maternal / Infant mortality

↑ Nutrient intake



BREASTFEEDING

86.3% initiation rate

25.2% exclusive at 6 months



CHILD NUTRITION

↑ red/orange veggies
legumes, whole grains

↓ consumption of milk, sugar sweetened beverages

Attachment: BOCC STATE OF WIC (12067 : WIC Program Update)

RECOMMENDED POLICY ACTIONS

1

REVISE FOOD PACKAGE

Added value, size flexibility, and strengthen nutrition standards in line with DGAs

2

EXPAND & STREAMLINE ACCESS

Extended eligibility for postpartum and five year olds

3

SUSTAIN REMOTE SERVICES

Flexibility for physical presence requirements. Offer a variety of options.

4

MODERNIZE SHOPPING

Permanent review of online shopping models that are accessible and equitable.

Attachment: BOCC STATE OF WIC (12067 : WIC Program Update)

CONTACT INFORMATION

Kaylyn Speth, MS, RD, LD, CLC
WIC Coordinator
785-776-4779 x7618
kspeth@rileycountyks.gov

Attachment: BOCC STATE OF WIC (12067 : WIC Program Update)

Rich Vargo
County Clerk
110 Courthouse Plaza
Manhattan, KS 66502
Phone: 785-565-6200

COUNTY CLERK & ELECTIONS
Budget

MEMORANDUM

FROM: **Michelle Adams, Accounts Payable Analyst**

MEETING: **April 14, 2022**

SUBJECT: **Monthly Cash Flow Reports for March 2022**

PRESENTER: **Rich Vargo, County Clerk**

Cash Flow Reports for the Capital Improvement Fund, County Building Fund, Economic Development Fund and Road & Bridge 1/2 Cent Sales Tax Fund.

Enclosures:
- cash flow reports 2022 2 (PDF)

2022 Riley County CIP Cash Flow Analysis

% of Year: 25%

Month	Revenue	Transfers In	Reimbursements	Total Revenue	Expenditures	Encumbrances	Jan/Feb/Mar A/P	Total Expenditures
Jan	1,220	2,369,805		2,371,025	264,157			264,157
Feb				-	11,801			11,801
Mar			169,837	169,837	64,822			64,822
Apr				-				-
May				-				-
Jun				-				-
Jul				-				-
Aug				-				-
Sep				-				-
Oct				-				-
Nov				-				-
Dec				-				-
Totals	$1,220	$2,369,805	$169,837	$2,540,862	$340,780	$0	$0	$340,780

Cash Reconciliation	
2022 Beginning Unencumbered Cash	$7,501,076.98
2022 Revenue	$2,540,862
Less 2022 Expenditures/Encumbrances	$340,780
2022 Ending Unencumbered Cash	$9,701,158
Less Remaining Approved Projects	$3,383,082
Less Reserves	$2,128,731
2022 Unreserved Cash	$4,189,345

Reserved Funds:	
CIP Reserve	$500,000
Fair Reserve	$91,218
Radio Int Reserve	$106,919
FFE Reserve	$691,704
Hardware Refresh	$738,890
Total Reserves	$2,128,731

Riley County 2022 Budget Authority Summary		
2022 Budgeted Expenditures	$7,554,156	% Budget Expended
Expenditures to Date	$340,780	4.51%
2022 Remaining Budget Authority	$7,213,376	

Riley County 2022 Budgeted Revenue		
2022 Budgeted Revenue	$2,384,805	% Budgeted Revenue
Revenue to Date	$2,540,862	106.54%

Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)

2022 CIP Detailed Expenditures per Project and per Dept

Project #	Project Code	Projects	Approved Project Estimate	Prior Year Expenditures	2022 Actual Expenditures/ Encumbrances/ Reserve	Remaining Project Estimate	Completed Projects (Over) Under Approved Estimate
		PUBLIC WORKS:					
13-13PW005		Design cost for 2 culverts	35,000	16,100		18,900	
16-16PK003	71	Parking lot for CICO Playground	18,000	7,078		10,922	
18-18PK003		Playground Equipment at CICO Park + (PK trx-$75,000)	225,000	0		225,000	
18-18PW012	27	Fairgrounds ADA Walkway	170,000	104,648		65,352	
19-19PW008		1 1/2T Truck w/Utility Bed	100,000	46,725		53,275	
19-19PW014		Winkler Bridge Deck-FFE	250,000	0		250,000	
19-19LEC004	98	RCPD Firing Range	2,285,000	2,194,227		90,773	
20-20PW003		Tandem Axle Truck w/Plow & Spreader	200,000	189,863		10,137	
20-20LEC001		Replace 1 Roof Top HVAC Unit	15,000	14,500		500	
20-20LEC002		Replace Air Regulators on 1/2 Jail Doors	30,000	13,239		16,761	
20-20LEC003		Rewire Elevator Safety Systems	40,000	0		40,000	
20-20PK004		CICO Parking Lot Engineering	10,000	0		10,000	
20-20PK005		Wildcat Park Bridge Replacement	150,000	123,021	4,670	0	22,309
21-21LEC002		Elevator Repair-LEC Lobby	45,000	0		45,000	
21-21LEC003		Upgrade Fuel Card System	13,000	0		13,000	
21-21LEC004		Canopy to Cover Fuel Island	45,000	0		45,000	
21-21PK001		3/4T 4x4 Ext. Cab Pickup	40,000	30,434		9,566	
21-21PK003		1/2T Pickup	30,000	28,673		0	1,327
21-21PK004		72" Mower w/Accessories	31,000	26,239		0	4,762
21-21PK005		Score Board-Fairmont Park	12,500	0		12,500	
21-21PK006		Goal Post-Fairmont Park	10,000	0	7,132	2,869	
21-21PK007		Aeravator Tractor Attachments	10,500	9,874		626	
21-21PK008		Playground Equipment - CICO Park	75,000	0		75,000	
21-21PW001		Tandem Axle Truck w/Plow & Spreader	205,000	196,395		8,605	
21-21PW002		Semi Truck	85,000	0		85,000	
21-21PW006		Power Broom	43,000	0		43,000	
21-21PW007		Imaging Software & Conversion	75,000	0		75,000	
21-21PW009		Tandem Axle Truck w/ Plow & Spreader	234,021	0		234,021	
21-21PW010		Tandem Axle Truck w/ Plow & Spreader	234,021	0		234,021	
21-21PW011		SUV	45,000	40,905		4,095	
21-21PW012		3/4 Ton 4X4 Ext, Cab Pickup	50,000	32,712		17,288	
		PUBLIC WORKS TOTAL	4,811,042	3,074,633	11,801	1,696,210	28,398
		EMERGENCY MEDICAL SERVICE					
13-13AM001	302	Design of the EMS Facility Enhancement	100,000	25,770		74,230	
20-20AM002	302	800 MhZ Radios	195,226	176,746	2,415.00	16,065	
20-20AM003	302	EMS Facility Engineering Design Cost	50,000	0		50,000	
21-21AM001	302	Ambulance Replacement	275,000	0		275,000	
21-21AM003	302	2 SUV Replacement Vehicles	106,000	0		106,000	
		EMS TOTAL	726,226	202,516	2,415	521,295	0
		CLERK					
21-21CK001		Open.Gov software	$191,870	$53,870	$34,500	103,500	
21-21CK002		Shadow Tax System-SB13 requirement	30,000	0		30,000	
		CLERK TOTAL	221,870	53,870	34,500	133,500	0
		ATTORNEY					
19-19AT001	760	Odyssey Software System	280,000	187,412		92,588	
		ATTORNEY TOTAL	280,000	187,412	0	92,588	0
		APPRAISER					
21-21AP001		Replacement Vehicle	26,000	0		26,000	
		APPRAISER TOTAL	26,000	0	0	26,000	0
		BOCC					
21-21BOCC002		Church Asbestos Removal	50,000	0		50,000	
		BOCC TOTAL	50,000	0	0	50,000	0
		PLANNING & DEVELOPMENT					
21-21PD002		Electronic Permit System	110,000	0	62,407	47,593	
		PLANNING & DEVELOPMENT TOTAL	110,000	0	62,407	47,593	0

Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)

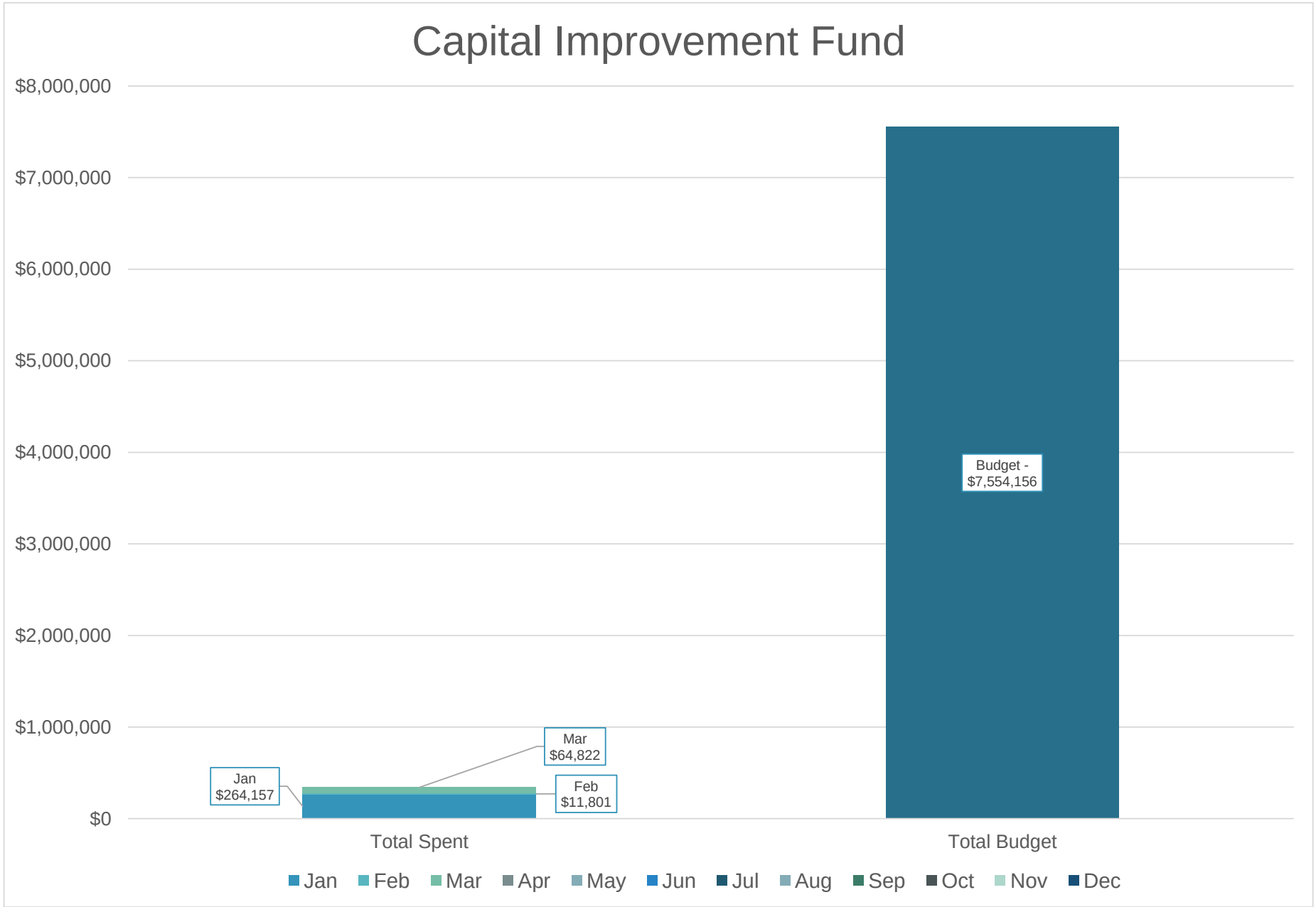
Project #	Project Code	Projects	Approved Project Estimate	Prior Year Expenditures	2022 Actual Expenditures/ Encumbrances/ Reserve	Remaining Project Estimate	Completed Projects (Over) Under Approved Estimate
		NOXIOUS WEED					
20-20NW001		1 1/2T 4x4 Spray Truck	40,000	0	39,487	0	513
21-21NW001		10' Pull Behind Mower	28,000	0		28,000	
		NOXIOUS WEED TOTAL	68,000	0	39,487	28,000	513
		EMERGENCY MANAGEMENT					
16-16EM002		Standby/Backup Generator Pottorf Hall	40,000	0		40,000	
20-20EM004		1/2 SUV 4x4	20,000	14,259		0	5,741
20-20EM005		Bi-directional amplifiers (radio project)	35,000	18,961		16,039	
21-21EM001		Mobile Command Post Upgrade/Equip Refresh	125,000	0		125,000	
21-21EM002		EM Storage Building	125,000	0		125,000	
		EMERGENCY MANAGEMENT TOTAL	345,000	33,220	0	306,039	5,741
		OTHER					
13-13PW009		Motor Grader (Lease Purchase through 2023)	1,000,605	495,544		505,060	
18-18EM003	21	Hardware Refresh Reserve (through 2025)	1,182,221	738,890		443,331	
Lease pmt to 2033	21	Radio Infrastructure Project Lease (15 yr term through 2033)	6,401,938	1,280,388		5,121,550	
B&I Trx to 2025		2010-B G.O. Bond payment (15 yr term through 2025)	2,849,815	2,108,346	190,170	551,299	
		OTHER TOTAL	11,434,579	4,623,168	190,170	6,621,241	0
		TOTAL	18,072,717	8,174,818	340,780	9,522,467	34,652

Remaining Approved Projects less lease/debt payments/hardware refresh 3,383,082

(not included as these payments are subject to approval with annual budget)

Completed Projects

Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)



Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)

2022 Riley County Building Cash Flow Analysis

% of Year: 25%

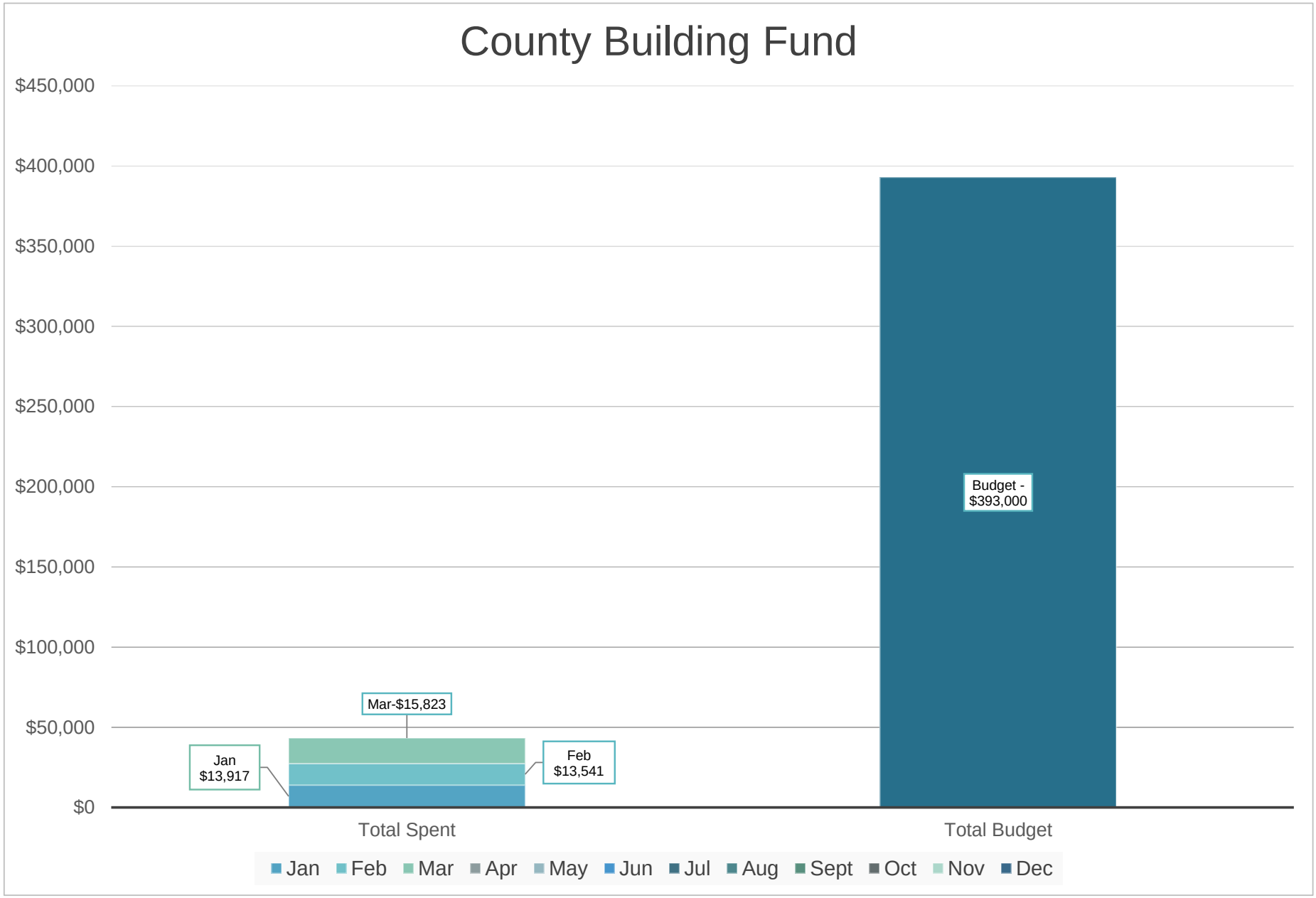
Month	Revenue	Reimbursements	Other	Total Revenue	Expenditures	Encumbrances	Jan/Feb/Mar A/P	Total Expenditures
Jan	207,574	10	34	207,618	13,917			13,917
Feb			34	34	13,541			13,541
Mar	10,565		34	10,599	15,823			15,823
Apr				-				-
May				-				-
Jun				-				-
Jul				-				-
Aug				-				-
Sep				-				-
Oct				-				-
Nov				-				-
Dec				-				-
Totals	$218,140	$10	$101	$218,250	$43,281	$0	$0	$43,281

Cash Reconciliation	
2022 Beginning Unencumbered Cash	$110,269
2022 Revenue	$218,250
Less 2022 Expenditures/Encumbrances	$43,281
2022 Ending Unencumbered Cash	$285,238

Riley County 2022 Budget Authority Summary		
2022 Budgeted Expenditures	$393,000	**% Budget Expended**
Expenditures to Date	$43,281	11.01%
2022 Remaining Budget Authority	$349,719	

Riley County 2022 Budgeted Revenue		
2022 Budgeted Revenue	$387,749	**% Budgeted Revenue**
Revenue to Date	$218,250	56.29%

Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)



Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)

2022 Riley County Economic Development Cash Flow Analysis

% of Year: 25%

Month	Revenue	Reimbursements	Other	Total Revenue	Expenditures	Encumbrances	Jan/Feb/Mar A/P	Total Expenditures
Jan	185,500			185,500	82,394			82,394
Feb	-			-				-
Mar	-			-				-
Apr	-			-				-
May	-			-				-
Jun	-			-				-
Jul	-			-				-
Aug	-			-				-
Sep	-			-				-
Oct	-			-				-
Nov	-			-				-
Dec	-			-				-
Totals	$185,500	$0	$0	$185,500	$82,394	$0	$0	$82,394

Cash Reconciliation	
2022 Beginning Unencumbered Cash	$110,042
2022 Revenue	$185,500
Less 2022 Expenditures/Encumbrances	$82,394
2022 Ending Unencumbered Cash	$213,148
Less Est. Project Balance for CY	$163,358
2022 Projected Unencumbered Cash	$49,790

Riley County 2022 Budget Authority Summary		
2022 Budgeted Expenditures	$309,048	**% Budget Expended**
Expenditures to Date	$82,394	26.66%
2022 Remaining Budget Authority	$226,654	

Riley County 2022 Budgeted Revenue		
2022 Budgeted Revenue	$185,500	**% Budgeted Revenue**
Revenue to Date	$185,500	100.00%

Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)

2022 Eco Devo Detailed Expenditures per Project and per Dept

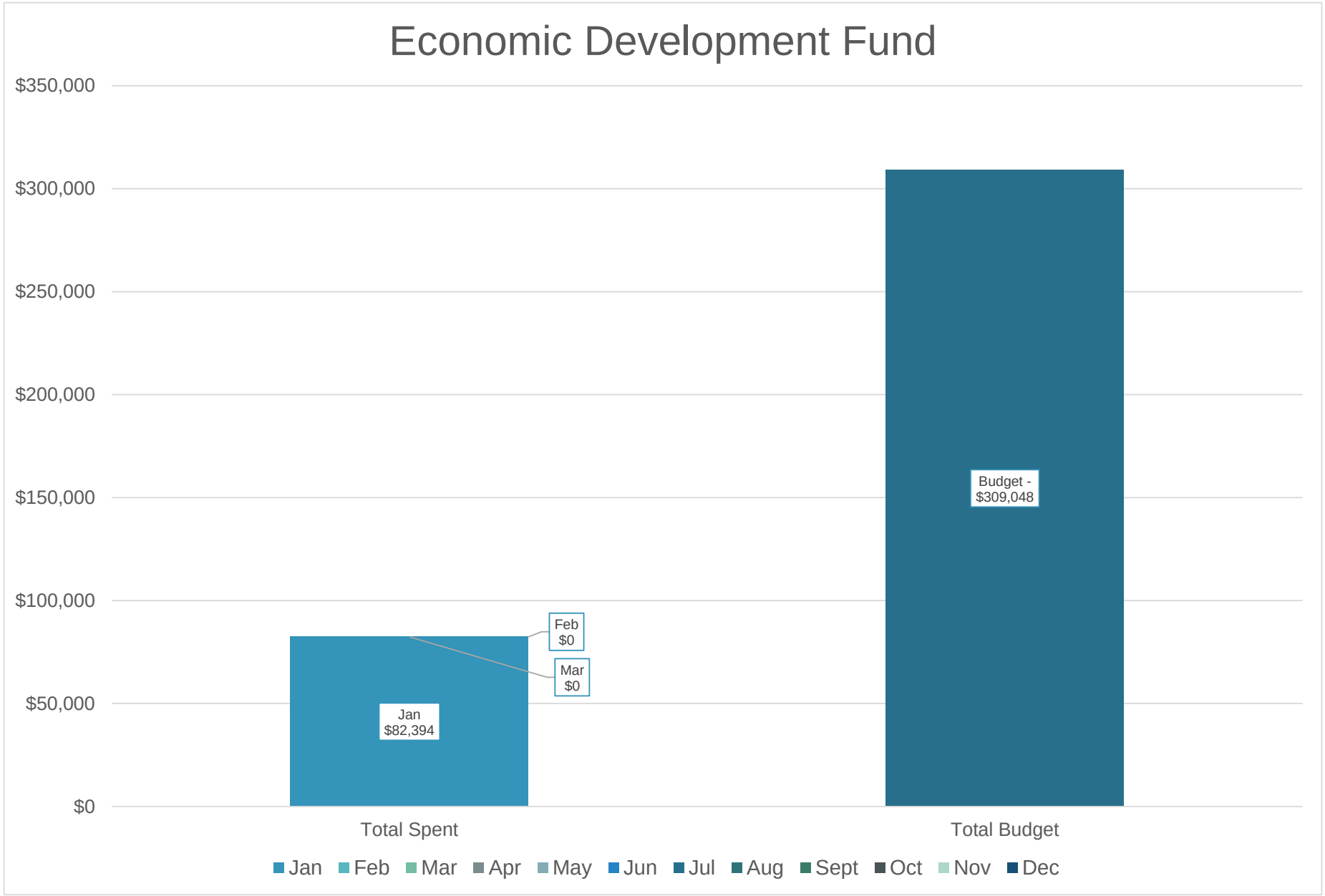
Projects	Approved Project Estimate	Prior Year Expenditures	2022 Expenditures/ Encumbrances	Remaining Project Estimate	Completed Projects (Over) Under Approved Estimate
APPROPRIATIONS					
Chamber of Commerce	55,000	0	27,500	27,500	
Flint Hills Veterans Coalition	1,015	0	507	508	
Downtown Manhattan	5,000	0	2,500	2,500	
Riley Co. General Eco Devo	132,850	0		132,850	
APPROPRIATION TOTALS	$193,865	$0	$30,507	$163,358	$0
MEMBERSHIPS					
FHMPO Contribution	5,201	0	1,905	0	
FHRC Contribution	10,000	0	0	0	
MEMBERSHIP TOTALS	$15,201	$0	$1,905	$0	$0
CONTRACTS					
Auto Lane Development (2024)	121,140	102,969	6,057	12,114	
CONTRACT TOTALS	$121,140	$102,969	$6,057	$12,114	$0
DEBT OBLIGATION TRANSFER					
Konza Water Debt Payment Transfer	658,502	307,352	43,925	307,225	
DEBT OBLIGATION TRANSFER TOTALS	$658,502	$307,352	$43,925	$307,225	$0
PROJECTS					
Project Study/Design/Engineer	50,000	0		50,000	
PROJECT TOTALS	$50,000	$0	$0	$50,000	$0
TOTALS	$1,038,707	$410,320	$82,394	$532,697	$0

Remaining Approved Projects less lease/debt payments/reserve $163,358

(not included as these payments are subject to approval with annual budget)

Completed Projects

Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)



Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)

2022 Riley County Sales Tax Cash Flow Analysis

% of Year: 25%

Month	Sales Tax Revenue	Reimbursements	KDOT	Total Revenue	Expenditures	Encumbrances	Jan/Feb/Mar A/P	Total Expenditures
Jan	176,614			176,614				-
Feb	203,380	11,371		214,751	4,513			4,513
Mar	164,982		3,616	168,598	6,139			6,139
Apr				-				-
May				-				-
Jun				-				-
Jul				-				-
Aug				-				-
Sep				-				-
Oct				-				-
Nov				-				-
Dec				-				-
Totals	$544,976	$11,371	$3,616	$559,963	$10,652	$0	$0	$10,652

Cash Reconciliation	
2022 Beginning Unencumbered Cash	$4,187,033.77
2022 Revenue	$559,963
Less 2022 Expenditures/Encumbrances	$10,652
2022 Ending Unencumbered Cash	$4,736,344
Remaining 2022 Projected Revenue	-
Less Est. Project Balance for CY	$ 350,000
2022 Projected Unencumbered Cash	$4,386,344

Riley County 2022 Budget Authority Summary		
2022 Budgeted Expenditures	$7,028,195	**% Budget Expended**
Expenditures to Date	$10,652	0.15%
2022 Remaining Budget Authority	$7,017,543	

Riley County 2022 Budgeted Revenue		
2022 Budgeted Revenue	$1,700,000	**% Budgeted Revenue**
Revenue to Date	$559,963	32.94%

Attachment: cash flow reports 2022 2 (11962 : Monthly Cash Flow Reports)

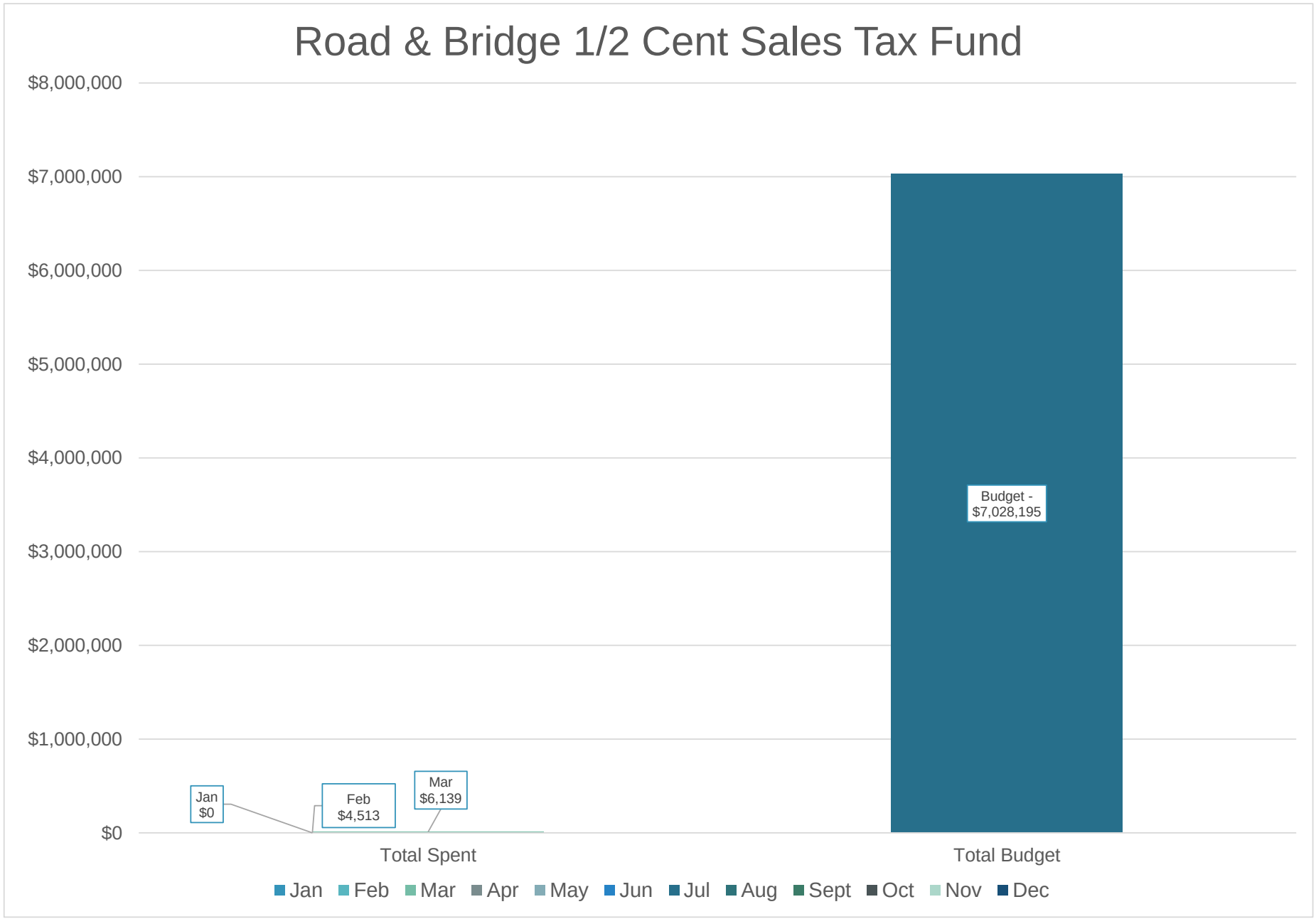
2022 Sales Tax Detailed Expenditures per Project and per Dept

Project Code	Projects	Approved Project Estimate	Prior Year Expenditures	2022 Expenditures/ Encumbrances	Remaining Project Estimate	Completed Projects (Over) Under Approved Estimate
	CULVERTS					
437	Casement Drainage Outlet Structure	298,852	298,851.53		0	0
442	West 54th Avenue	124,000	168,131.06		0	-44,131
310	Frog Holler	160,218	160,218.29		0	0
440	Green Randolph Road	260,819	260,818.70		0	0
441	N 52nd Street	139,894	139,893.87		0	0
451	Sherman Road	83,000	7,598.01		0	75,402
457	Flat Rock Road	113,500	52,707.29		60,793	
402	Vinton School Road	182,000	183,595.83		0	-1,596
458	Parallel Road	117,000	51,440.37		65,560	
403	Kitten Creek Road	148,000	54,790.60		93,209	
404	Peach Grove Road	104,000	238,350.27		0	
452	Fancy Creek Road I.2/6.3	93,000	-		0	93,000
459	Union Road	125,000	56,605.00		68,395	
	CULVERT TOTALS	$1,949,282	$1,673,001	$0	$287,957	$122,675
	BRIDGES					
435	West 40th Bridge	349,501	349,501.09		0	0
439	Daniels Drive	252,631	252,630.65		0	0
425	Green Randolph	1,089,402	1,092,612.59		0	-3,211
401	Fancy Creek F.5/5.9	1,231,800	1,166,683.41		0	65,117
461	Fancy Creek K.0/6.2	653,800	53,849.92		599,950	
443	S. 32nd Street	160,743	160,742.79		0	0
444	Parallel	208,990	208,990.38		0	0
455	Rose Hill	654,200	143,561.69	8,958	501,680	
447	Fancy Creek E.2/5.6	929,211	1,222,128.07		0	-292,917
412	Anderson Avenue	1,050,000	870,493.23		0	179,507
449	Stockdale Park	927,400	924,119.01		0	3,281
456	Senn Rd	454,500	466,669.29	56	0	
454	West 32nd Avenue	1,000,000	1,394,167.99	967	0	
460	Winkler Mills Bridge	1,200,000	102,835.61		1,097,164	
462	South Otter Bridge	75,000	369,604.31	671	0	
	BRIDGE TOTALS	$10,237,178	$8,778,590	$10,652	$2,198,795	-$48,223
	RECONSTRUCTION					
448	Denison (Marlatt to City Limits)	3,951,470	3,857,457		0	94,013
431	McDowell Creek Road (abandoned)	3,000,000	515,848		0	2,484,152
	RECONSTRUCTION TOTALS	$6,951,470	$4,373,305	$0	$0	$2,578,165
	OVERLAY					
412	Anderson Avenue	470,000	470,000		0	0
509	Welsh Road	175,000	175,466		0	-466
414	Mill Cove/W. 59th	200,000	200,000		0	0
	Tabor Valley Road	410,928	0		0	0
453	Kansas Ave/Crooked Creek	425,617	0		0	0
	Barton Road	509,418	0		0	0
438	Fancy Creek Road	450,000	450,000		0	0
450	University Park Road	259,910	175,000		0	0
463	Tuttle Cove Road	512,622	125,000		0	
464	Barnes/Casement Road	386,690	125,000		0	
	Scenic Drive	151,324	151,324		0	0
	4 Unidentified Overlays	800,000	175,000		625,000	
	OVERLAY TOTALS	$4,751,509	$2,046,790	$0	$625,000	-$466
	TOTALS	$23,889,440	$16,871,686	$10,652	$3,111,751	$2,652,151

Completed Projects

Project Estimates for 2021	**Total**	**Updated**
Culverts-Fancy Creek/Sherman	$ -	$ -
Rosehill Road Bridge	$ -	$ -
Senn Road Bridge	$ -	$ -
Overlay TBD and approved by BOCC	$ 350,000	$ 350,000
TOTAL	$ 350,000	$ 350,000

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