

# PUBLIC NOTICE



**US Army Corps  
of Engineers  
Kansas City District**

**Permit No. NWK-2015-2136  
Issue Date: November 12, 2015  
Expiration Date: December 3, 2015**

**21-Day Notice**

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This public notice is issued jointly with the Kansas Department of Health and Environment. The Department of Health and Environment will use the comments to this notice in deciding whether to grant Section 401 water quality certification. Commenters are requested to furnish a copy of their comments to the Kansas Department of Health and Environment, Bureau of Water - - Watershed Management Section, 1000 SW Jackson Street, Suite 420, Topeka, Kansas 66612-1367.

**APPLICANT:** Kansas Department of Transportation  
Dwight D. Eisenhower State Office Building  
700 S.W. Harrison Street  
Topeka, KS 66603-3745

**PROJECT LOCATION** (As shown on the attached drawings): The project is located in a tributary to Goose Creek in Section 3, Township 12 south, Range 5 east, Geary County, Kansas. (Latitude: 39.03175 – Longitude: -96.86539 – Quad: Junction City)

**AUTHORITY:** Section 404 of the Clean Water Act (33 USC 1344)

**ACTIVITY** (As shown on the attached drawings): **Proposed.** The applicant proposes to fill approximately 2,029 linear feet of existing stream channels, construct and extend 395 linear feet of reinforced concrete rigid frame box culverts, and rock fill 273 linear feet of existing stream channels. The purpose as stated by the applicant is to reconstruct US-77 and K-18 interchange, which involves the reconstruction of K-18 and constructing new on and off ramps for the interchange. This is to meet the current and future traffic needs and improve usability and highway safety for the public.

**WETLANDS:** There are no jurisdictional wetlands identified within the project area.

**APPLICANT'S STATEMENT OF AVOIDANCE, MINIMIZATION, AND COMPENSATORY MITIGATION FOR UNAVOIDABLE IMPACTS TO AQUATIC RESOURCES:** The applicant proposes to compensate for the unavoidable loss of 2,697 linear feet by in stream channel enhancement and restoration by constructing a new channel with natural stream design; replace one perched concrete box culvert with an embedded concrete box culvert; remove one perched concrete box culvert; and riparian buffer creation with restoration and enhancement on the new stream channels. Additional mitigation options may be considered during the development of the final mitigation plan.

**ADDITIONAL INFORMATION:** Additional information about this application may be obtained by contacting Lee Wolf, U.S. Army Corps of Engineers, Kanopolis Satellite Office, 107 Riverside Drive, Marquette, Kansas 67464, or by calling 785-546-2130 (FAX 785-546-2050), email: [lee.n.wolf@usace.army.mil](mailto:lee.n.wolf@usace.army.mil) . All comments to this public notice should be directed to the above address.

**STATE AUTHORIZATION:** The applicant has applied for a permit from the Kansas Department of Agriculture pursuant to Kansas Statutes Annotated 82a-301 to 305.

**CULTURAL RESOURCES:** Kansas City District will comply with the National Historic Preservation Act of 1966 and 36 CFR 800. We have checked the National Register of Historic Places and the Federal Register and found properties listed in the Register or proposed for listing is located in or near the permit area. A letter from the State Historic Preservation Office to KDOT received July 23, 2014 stated no adverse affects on eligible and listed properties. This is the extent of our knowledge about historic properties in the permit area at this time. However, we will evaluate input by the State Historic Preservation Officer, Tribal Historic Preservation Officers (or Tribe designated representative) and the public in response to this public notice, and we may conduct or require a reconnaissance survey of the permit area to check for unknown historic properties, if warranted.

**ENDANGERED SPECIES:** In compliance with the Endangered Species Act, a determination has been made that the described work will not affect species designated as threatened or endangered or adversely affect critical habitat. A letter from the US Fish & Wildlife Service to KDOT received November 4, 2015 stated not likely to adversely affect the Northern Long Eared Bat. In order to complete our evaluation of this activity, comments are solicited from the U.S. Fish and Wildlife Service and other interested agencies and individuals.

**FLOODPLAINS:** This activity is being reviewed in accordance with Executive Order 11988, Floodplain Management, which discourages direct or indirect support of floodplain development whenever there is a practicable alternative. By this public notice, comments are requested from individuals and agencies that believe the described work will adversely impact the floodplain.

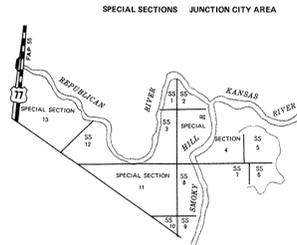
**WATER QUALITY CERTIFICATION:** Section 401 of the Clean Water Act (33 USC 1341) requires that all discharges of dredged or fill material must be certified by the appropriate state agency as complying with applicable effluent limitations and water quality standards. This public notice serves as an application to the state in which the discharge site is located for certification of the discharge. The discharge must be certified before a Department of the Army permit can be issued. Certification, if issued, expresses the state's opinion that the discharge will not violate applicable water quality standards.

**PUBLIC INTEREST REVIEW:** The decision to issue a permit will be based on an evaluation of the probable impact including the cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, esthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline

erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and, in general, the needs and welfare of the people. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act (33 USC 1344). The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**COMMENTS:** This notice is provided to outline details of the above-described activity so this District may consider all pertinent comments prior to determining if issuance of a permit would be in the public interest. Any interested party is invited to submit to this office written facts or objections relative to the activity on or before the public notice expiration date. Comments both favorable and unfavorable will be accepted and made a part of the record and will receive full consideration in determining whether it would be in the public interest to issue the Department of the Army permit. Copies of all comments, including names and addresses of commenters, may be provided to the applicant. Comments should be mailed to the address shown on page 2 of this public notice.

**PUBLIC HEARING:** Any person may request, in writing, prior to the expiration date of this public notice, that a public hearing be held to consider this application. Such requests shall state, with particularity, the reasons for holding a public hearing.



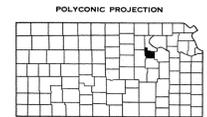
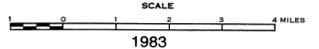
### LEGEND

<p><b>ROADS AND ROADWAY FEATURES</b></p> <p>Primitive Road (Type A) .....          Unimproved Road (Type B) .....          Graded and Drained Road (Type C) .....          Soil Surfaced Road (Type D) .....          Gravel or Stone Road .....          Not Graded or Drained (Type E-1) .....          Gravel or Stone Road With Stabilized Surface (Type E-2) .....          Gravel or Stone Road With Stabilized Surface (Type E-3) .....          Bituminous Road-Low Type (Type F, G-1, H-1) .....          Paved Road (Type G-2, H-2, L, U, K, L) .....          Divided Highway .....          Highway With Full Control of Access .....          Side Roads and Streets in Unincorporated Urban Compacts and Extensions of Local Roads Within Municipalities .....          4 Lane Undivided Highway .....          Projected Road .....          Road System Designation          Federal-Aid Interstate Highway System .....          Federal-Aid Primary Highway System .....          Federal-Aid Secondary Highway System .....          Federal-Aid Urban Highway System .....          Points Between Which Distances are Measured .....          Interstate Numbered Highway .....          U.S. Numbered Highway .....          State Highway System or State Numbered Highway .....          End of Designated System or Marked Route .....  <b>RAILROADS</b>          Railroad (Any Number of Tracks Used by a Single Operating Company or by Tracks of Another Carrier Under Trackage Rights) .....          Railroads in Jurisdiction (Two or More) .....          Tracks of Separately Operated Companies on Adjacent Rights-of-Way .....          Abandoned Railroads (Tracks Retained) .....          Railroad Station .....  <b>Railroad Crossing</b>          Grade Crossing .....          Railroad Above .....          Railroad Below .....          Railroad Bridge .....  <b>AIRWAYS AND AIRPORTS</b>          Military Field (Some Facilities Available) .....          Airport Complete Facilities (Commercial or Municipal) .....          Airfield, Limited Facilities .....          Landing Area or Strip (Including Private Air Fields) .....          Airway Light Station, General .....          Airport, General .....  <b>NAVIGATION</b>          Navigable Stream (N-in-stream navigation) .....  <b>DRAINAGE</b>          Intermittent Stream (Narrow) .....          Intermittent Stream (Wide) .....          Narrow Stream .....          Wide Stream .....          Drainage Ditch .....          Impounding Dam .....          Lake, Reservoir, or Pond .....          Lake, Reservoir, or Pond With Dam .....          Dry Lake Subject to Flood .....          Marsh or Swamp Land .....          Overflow Land .....  <b>STRUCTURES</b>          Highway Bridge, General (Total Span Greater Than 20 Feet) .....          Small Bridges Closely Spaced .....          Bridges For Long River Crossings          General .....          Arch .....          Truss or Girder (w/ wood s. steel) .....          Cantilever Bridge .....          Highway Grade Separation .....  <b>Miscellaneous Structures</b>          Levee Or Dike .....          Levee Or Dike With Road .....          Concrete Ford Or Dip .....          Ford Road Established .....          Gate Guard .....          Gate Across Road (Any Type) .....  <b>BOUNDARIES</b>          State .....          County .....          Corporate Lines .....          Boundary Lines Established For Defined Urban Places .....          Section Line .....          Boundary to Mark Enticement Inset .....          Parks and Other Reservations National, State, County, or Municipal Park, Indian Reservation, National Monument, Federal Development Project .....          Monument-Small, Historic Site .....  <b>CITY AND VILLAGE CENTERS</b>          State Capital .....          County Seat .....          Other Cities and Villages .....          Incorporated City or Village .....          Boundary Limits Fixed for Special Taxing Areas and Other Unincorporated Urban Places Delimited .....  <b>NATURAL FEATURES</b>          Prominent Elevation-With Name (Numerals Indicate Elevation Above Sea Level) .....          Sink or Depression .....  <b>CONSERVATION AND RECREATION</b>          Picnic Ground .....          Playground, Ball Field, Etc. .....          Bathing Beach or Swimming Pool .....          Scenic Site .....          Camp Site, No Permanent Tents or Trailer Parking .....          Tourist Court or Motel (Figure Indicates Number of Permanent Cabins or Cottages) .....          Camp or Lodge (Permanent Site With Buildings) .....          Small Park (SP-State, CP-County, MAP-Municipal, SR-Safety Road Area) .....          Fish Hatchery .....          Game Preserve .....          Game Farm .....          Game Preserve .....          Rifle Club .....          Golf Ground or Country Club .....          Riding Academy .....          Yacht Club .....          Amusement Park or Hall .....          Fair Ground, Race Course, Speedway .....          Drive-In Theatre .....          Marina .....          Radio Grounds .....          Guide House or Gate House (Add Letters N or S to Indicate National or State Park) .....  <b>FARM UNITS, DWELLINGS, ETC.</b>          Farm Unit .....          Dwelling (Other Than Farm) .....          Row or Groups of Dwellings Closely Spaced (Figure Denotes Number of Dwellings) .....          Combined Dwelling and Store .....          Dwelling and Filling Station .....          Dwelling, Business, and Filling Station .....          Tenant House .....          Seasonal or Summer Dwelling .....          Hotel, Inn .....          Humane Society Quarters .....          Church or Other Religious Institution .....          Church and School (Joint Use) .....          Cemetery .....          Church With Cemetery Adjacent .....          Fresh Air Farm or Rest Home .....          Hospital .....          Well .....          State Port of Entry or Weight Station .....          Group of Mixed Cultural Features Closely Spaced (Figure Over Bar Indicates Number of Dwellings Included in the Group, Figures Over Individual Units Show Number of Each Included regardless of owner) .....  <b>INDUSTRIAL</b>          Store or Small Business Establishment .....          Business and Post Office .....          Business, Filling Station, and Post Office .....          Factory or Industrial Plant .....          Mine-Shift or Ditch (Any Kind) .....          Oil or Gas Well .....          Oil or Gas Field .....          Storage Tank (Gas or Oil Figure Denotes Number of Tanks) .....          Filling Station (Not Connected With Other Business) .....          Valve House .....          Gauging or Pumping Station (General) .....          Value House .....          Seasonal Industry (Cannery or Small Grain Mill) .....          Milk Depot, Creamery or Cheese Factory .....          Fruit or Nut Orchard .....          Fruit or Produce Picking House .....          Road Stand Farm Products Sales .....          Warehouse-General (If Government Add State or U.S.) .....          Grain Elevator .....          Group of Grain Storage Bins .....          Greenhouse .....          Nursery .....          Stock Yard-Loading Pen or Corral .....          Stock Pen at Railroad Sliding (Small) .....          Gravel Pit .....          Quarry .....          Kiln or Oven (Lime, Clay Products, Coke, Etc.) .....          Feed Lot .....          Shopping Center .....          Seasonal Business .....          Sawmill (Stationary) .....  <b>EDUCATIONAL AND CORRECTIONAL INSTITUTIONS</b>          Schoolhouse .....          Consolidated or Large School .....          Township, Grange, or Community Hall .....          Agricultural Experiment Station .....          Correctional Institution .....          Museum-General .....          Public Library .....  <b>PUBLIC SERVICE FACILITIES</b>          Post Office .....          Highway Garage .....          Fire Engine House .....          Garbage or Rubbish Dump .....          Sewage Disposal Plant .....          Auto Salvage Yard .....          Transformer Station .....          Power Plant .....          Power Substation .....          Booster Station .....          Water Supply Stand Pipe or Tank .....          Radio Station (With Call Letters) .....          Radio Range Station .....          Water Treatment Plant .....          Junkyard .....          U.S. Coast or Engineers Office .....  <b>MISCELLANEOUS</b>          Fort, Army Camp, Barracks, or Other Military Post .....          Transpilation Station .....          Bench Mark (With Elevation) .....  </p>	<p><b>BOUNDARIES</b></p> <p>State .....          County .....          Corporate Lines .....          Boundary Lines Established For Defined Urban Places .....          Section Line .....          Boundary to Mark Enticement Inset .....          Parks and Other Reservations National, State, County, or Municipal Park, Indian Reservation, National Monument, Federal Development Project .....          Monument-Small, Historic Site .....  <b>CITY AND VILLAGE CENTERS</b></p> <p>State Capital .....          County Seat .....          Other Cities and Villages .....          Incorporated City or Village .....          Boundary Limits Fixed for Special Taxing Areas and Other Unincorporated Urban Places Delimited .....  <b>NATURAL FEATURES</b></p> <p>Prominent Elevation-With Name (Numerals Indicate Elevation Above Sea Level) .....          Sink or Depression .....</p>
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APPLICATION NO. NWK-2015-2136  
 KANSAS DEPARTMENT OF TRANSPORTATION  
 CHANNEL REALIGNMENT AND FILL  
 TRIBUTARY TO GOOSE CREEK  
 GEARY COUNTY, KANSAS  
 SHEET 1 OF 7  
 DATED 12 NOVEMBER 2015

## GENERAL HIGHWAY MAP GEARY COUNTY KANSAS

PREPARED BY THE  
 KANSAS DEPARTMENT OF TRANSPORTATION  
 BUREAU OF TRANSPORTATION PLANNING  
 IN COOPERATION WITH THE  
 U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION



REVISIONS COMPLETED 11-22-15  
 HORIZONTAL CONTROL BASED ON NAD 83 DATUM AND NAD 83 BENCHMARK SYSTEMS REVISIONS TO 11-22-15

KEY TO COUNTIES  
 HORIZONTAL CONTROL BASED ON NAD 83 DATUM AND NAD 83 BENCHMARK SYSTEMS REVISIONS TO 11-22-15

RFB Existing and New

US-77 Highway

New On & Off Ramps

Tributary Goose Creek

K-18 Highway

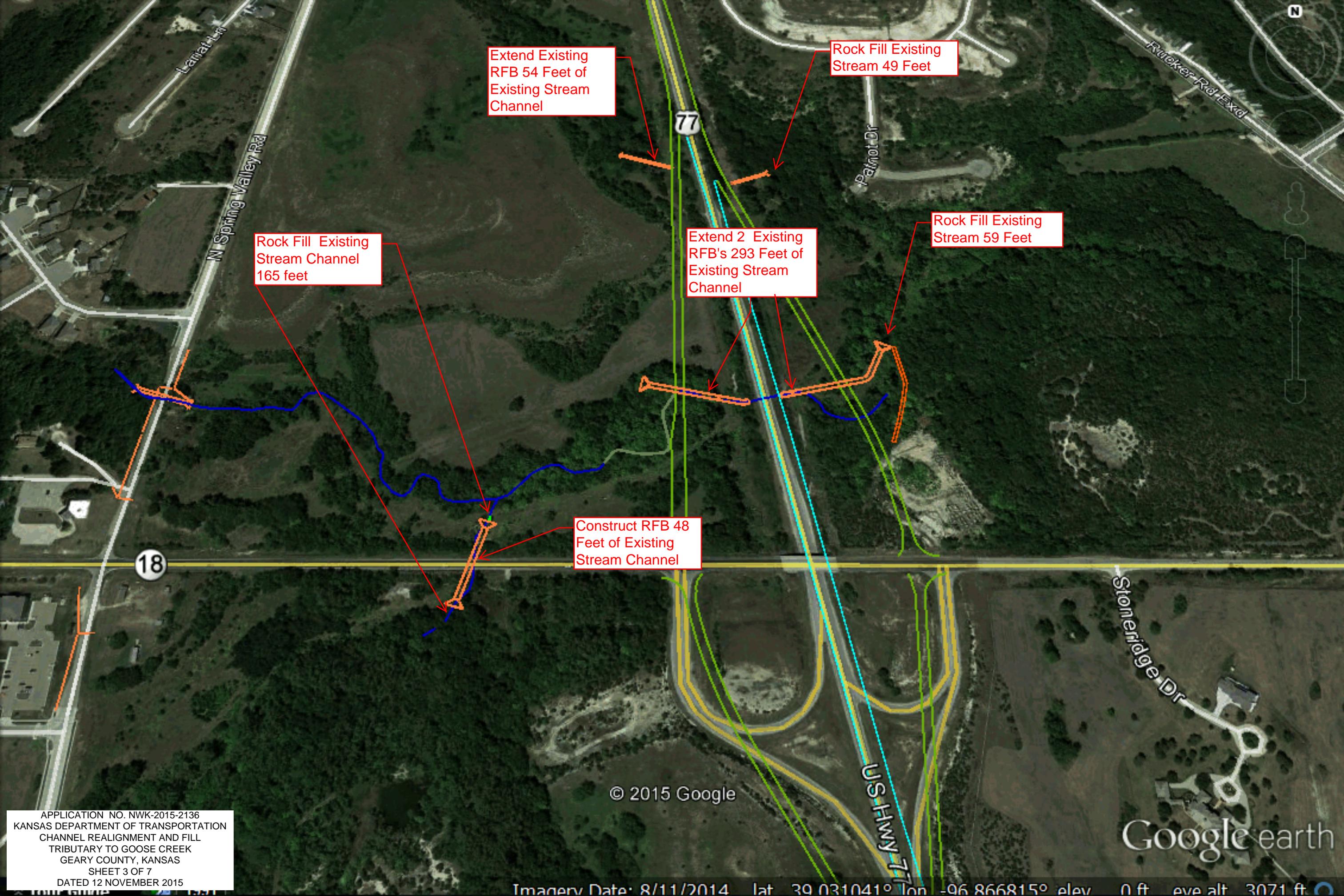
APPLICATION NO. NWK-2015-2136  
KANSAS DEPARTMENT OF TRANSPORTATION  
CHANNEL REALIGNMENT AND FILL  
TRIBUTARY TO GOOSE CREEK  
GEARY COUNTY, KANSAS  
SHEET 2 OF 7  
DATED 12 NOVEMBER 2015

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Google earth

Imagery Date: 8/11/2014 Lat: 39.070074° Lon: -96.866274° elev: 0 ft eye alt: 5304 ft





Extend Existing RFB 54 Feet of Existing Stream Channel

Rock Fill Existing Stream 49 Feet

Rock Fill Existing Stream Channel 165 feet

Extend 2 Existing RFB's 293 Feet of Existing Stream Channel

Rock Fill Existing Stream 59 Feet

Construct RFB 48 Feet of Existing Stream Channel

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Google earth

Imagery Date: 8/11/2014 lat 39.031041° lon -96.866815° elev 0 ft eye alt 3071 ft

APPLICATION NO. NWK-2015-2136  
KANSAS DEPARTMENT OF TRANSPORTATION  
CHANNEL REALIGNMENT AND FILL  
TRIBUTARY TO GOOSE CREEK  
GEARY COUNTY, KANSAS  
SHEET 3 OF 7  
DATED 12 NOVEMBER 2015



New Channel 325  
Linear Feet

Channel Fill 901  
Linear Feet

New Channel 383  
Linear Feet

New Channel RFB  
99 Linear Feet

Channel Fill 200  
Linear Feet

Channel Fill 928  
Linear Feet

New Channel RFB  
224 Linear Feet

APPLICATION NO. NWK-2015-2136  
KANSAS DEPARTMENT OF TRANSPORTATION  
CHANNEL REALIGNMENT AND FILL  
TRIBUTARY TO GOOSE CREEK  
GEARY COUNTY, KANSAS  
SHEET 4 OF 7  
DATED 12 NOVEMBER 2015

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**KSMG:**  
**AI - Adverse Impact**  
**RBC - Riparian Buffer Credit**

Charles E. Munson Trust, et al.  
 TOL, SW 1/4  
 Sec. 3, T12S, R5E

**CURVE DATA**  
 P.I. Sta. 371+50.55 @ Prop. Impr. Bk. =  
 Sta. 371+50.54 @ Prop. Impr. Ahd. =  
 Sta. 371+50.44 Survey @. 12' Rt.  
 Δ=1°11'08"(Lt.) L=300.87'  
 R=14,542.00' E=0.78'  
 T=150.44' SE= N.C.

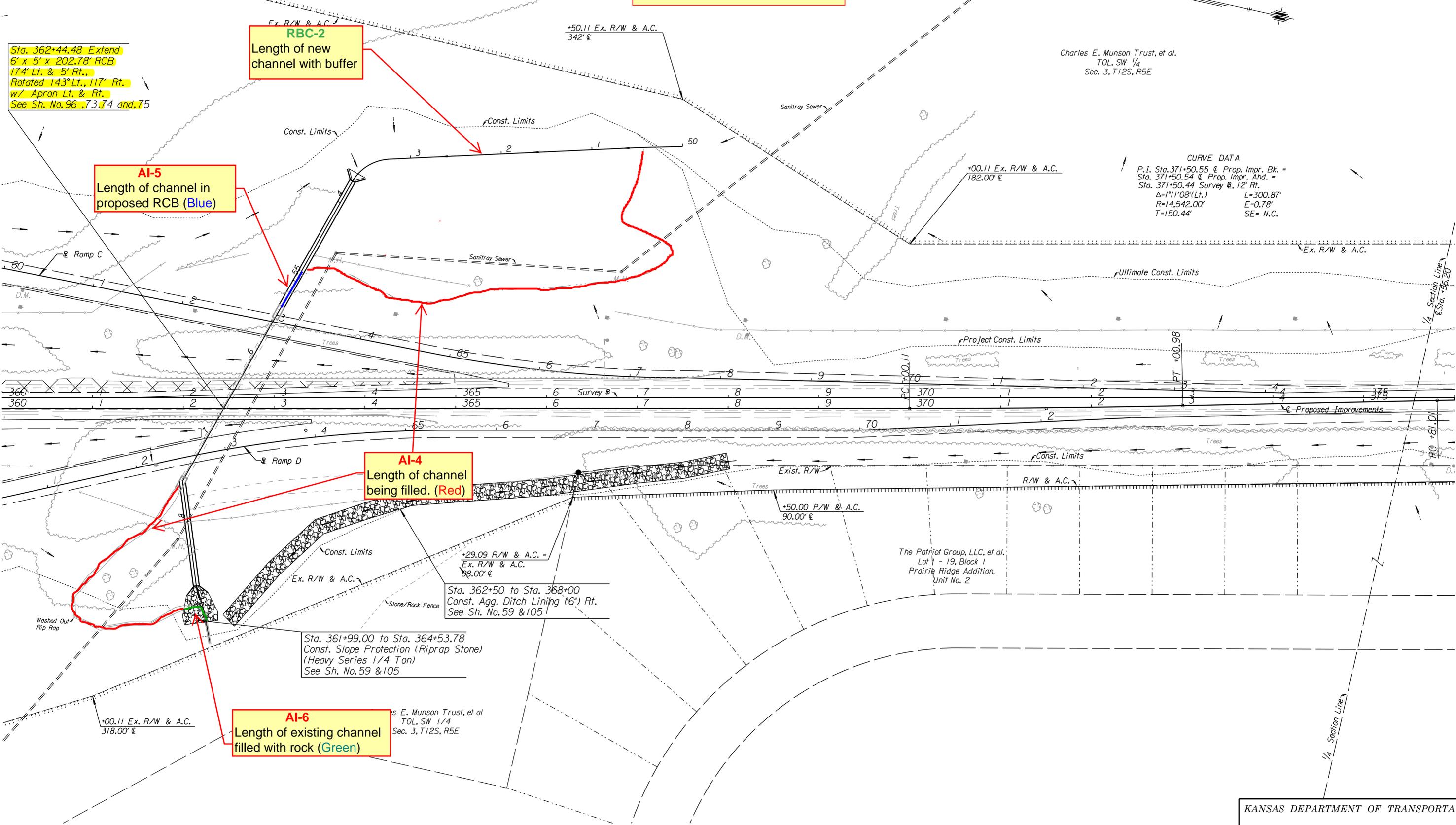
Sta. 362+44.48 Extend  
 6' x 5' x 202.78' RCB  
 174' Lt. & 5' Rt.,  
 Rotated 143° Lt., 117' Rt.  
 w/ Apron Lt. & Rt.  
 See Sh. No. 96, 73, 74 and, 75

**RBC-2**  
 Length of new  
 channel with buffer

**AI-5**  
 Length of channel in  
 proposed RCB (Blue)

**AI-4**  
 Length of channel  
 being filled. (Red)

**AI-6**  
 Length of existing channel  
 filled with rock (Green)



+29.09 R/W & A.C. =  
 Ex. R/W & A.C.  
 98.00' @  
 Sta. 362+50 to Sta. 368+00  
 Const. Agg. Ditch Lining (6") Rt.  
 See Sh. No. 59 & 105

Sta. 361+99.00 to Sta. 364+53.78  
 Const. Slope Protection (Riprap Stone)  
 (Heavy Series 1/4 Ton)  
 See Sh. No. 59 & 105

Charles E. Munson Trust, et al.  
 TOL, SW 1/4  
 Sec. 3, T12S, R5E

The Patriot Group, LLC, et al.  
 Lot 1 - 19, Block 1  
 Prairie Ridge Addition,  
 Unit No. 2

B.M. \*34: Chiseled square on top of rock shelf  
 West side of US-77 approximately 200± South  
 of 8th Street exit sign.  
 55.86' Lt., Sta. 368+59.16 Elev.=1192.17

KANSAS DEPARTMENT OF TRANSPORTATION  
 US-77 PLAN  
 STA. 360+00 TO STA. 376+00

UTILITY OWNERS  
 Sanitary Sewer: City of Junction City

**KMSG:**  
**AI - Adverse Impact**  
**ISC - In-Stream Credit**

**ISC-3**

Sta. 40+93.84 150.70' Lt. Remove  
 Exist. 10' x 10' x 34.10' RCB  
 With Wingwalls

Sta. 40+58.94 Remove  
 Br. 18-31-5.08 (501)  
 Exist. 14' x 12' x 77' RFB,  
 with Wingwalls

Sta. 33+00 SECOND BEGIN  
 Proj. 77-31 KA-2367-04=  
 Sta. 33+00.00 on  
 Proj. 77-31 KA-2367-03

Sta. 32+98.29 to Sta. 44+00  
 Const. Agg. Dt. Lining (6') Lt.  
 See Sh. No. 59 & 136

**AI-9**  
 Length of existing channel to  
 be filled with rock (Green)

**AI-7**  
 Length of open existing  
 channel to be filled (Red)

**AI-8**  
 Length of existing channel to  
 be filled with rock (Blue)

**ISC-2**

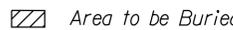
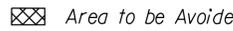
Sta. 40+49.32 Const.  
 Br. 18-31-5.08 (538)  
 14' x 14' x 224' RFB,  
 Rotate 16°49'25" Rt.  
 with Apron Lt. and Apron with  
 Aquatic Organism Passage Apron Rt.  
 See Sh. No.

**AI-9**  
 Length of channel to be  
 filled with rock (Green)

Sta. 40+47.19 to Sta. 45+42.55  
 Const. Agg. Dt. Lining (6') Rt.  
 See Sh. No. 59 & 136

58.81 75.48' Rt. Remove  
 6' x 30.28' RCP  
 +00.00 Ex. R/W & A.C.  
 215.00' E

Sta. 41+50.00  
 Install 24" x 124" (RCP,CAP,PEP,PVCP)  
 Storm Sewer (W)  
 See Sh. No. and

**Legend**  
 Area to be Buried  
 Area to be Avoided

B.M. #31D: 24" T Fence Post, driven flush,  
 1.0' ± North of West gate post, West side of  
 farm entrance, South side of K-18.  
 Highway K-18, 62.67' Rt., Sta. 41+47.58  
 Elev. = 1160.47

KANSAS DEPARTMENT OF TRANSPORTATION  
 K-18 PLAN  
 STA. 28+00 TO STA. 44+00

**UTILITY OWNERS**  
 Electric: DS&O  
 Water: City of Junction City  
 Gas: Kansas Gas Service  
 Sanitary Sewer: City of Junction City  
 Cable TV: Cox Communications  
 Phone: CenturyLink  
 Fiber Optic: CenturyLink

