Public Notice

U.S. Army Corps of Engineers
Tulsa District

Reply To:

U.S. Army Corps of Engineers
ATTN: Regulatory Office
2488 East 81St Street
Tulsa, Oklahoma 74137-4290

SWT-2016-125
Public Notice No.

August 3, 2018
Public Notice Date

September 3, 2018
Expiration Date

PURPOSE
The purpose of this public notice is to inform you of a proposal for work in which you might be interested and to solicit your comments and information to better enable us to make a reasonable decision on factors affecting the public interest.

SECTION 10
The U.S. Army Corps of Engineers is directed by Congress through Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) to regulate all work or structures in or affecting the course, condition, or capacity of navigable waters of the United States. The intent of this law is to protect the navigable capacity of waters important to interstate commerce.

SECTION 404
The U.S. Army Corps of Engineers is directed by Congress through Section 404 of the Clean Water Act (33 U.S.C. 1344) to regulate the discharges of dredged and fill material into all waters of the United States. These waters include lakes, rivers, streams, mudflats, sandflats, sloughs, wet meadows, natural ponds, and wetlands adjacent to other waters. The intent of the law is to protect these waters from the indiscriminate discharge of material capable of causing pollution and to restore and maintain their chemical, physical, and biological integrity.

NOTICE TO PUBLISHERS
This public notice has been provided as a public service and may be reprinted at your discretion. However, any cost incurred as a result of reprinting or further distribution shall not be a basis for claim against the Government.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, TULSA DISTRICT
2488 EAST 81ST STREET
TULSA, OKLAHOMA 74137-4290

Application No. SWT-2016-125

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS
AND
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ)
(30-DAY COMMENT PERIOD)

Interested parties are hereby notified that the District Engineer (DE) has received an application for a Department of the Army (DA) permit and water quality certification pursuant to Sections 404 and 401 of the Clean Water Act (CWA). The ODEQ hereby incorporates this public notice and procedure as its own public notice and procedure by reference thereto.

Applicant: Mr. Lane Whitehouse
Creek County Commissioner
620 Industrial Road
Bristow, OK 74010

Agent: Mr. Brent Neece
Kleinfelder
10835 E. Independence St., Suite 102
Tulsa, OK 74116

Location: The proposed project is in the South 1/2 of Section 13, Township 14 North, Range 8 East, Creek County, Oklahoma. The project site can be found on the Gypsy, Oklahoma 7.5 Minute USGS Quadrangle map at North Latitude 35.683835 and West Longitude -96.414763.

Project Description: The application is for the placement of fill material to construct a new road with bridge abutments, riprap, and concrete piers for a new bridge.

Purpose: The overall purpose of this work is to replace a structurally deficient bridge to maintain safe and reliable traffic along this segment of county road on NS 370 (South 369th West Avenue). The project is not a water dependent activity.

Summary Table of Impacts:

Original Proposal					
Number or Location	Impact Activity	Type of Water	Type of Fill Material	Qty of Material cys below OHWM	Footprint (ac and/or lf)
Wetland 1	Roadway	Forested Wetlands	Earthen Material	See Road Quantities	0.17 acre
Left descending bank	Abutments/ Bank Stabilization	Riverine	18-inch riprap and bedding	1,694 CY	100 lf
Bridge “A” 2-115 feet, 4-100 feet, and 5-48 inch Diameter Piers	P.C. Beam Span Bridge	Riverine	Concrete and Steel	603 CY	0.005 acre 635.22 lf
Right descending bank	Abutments/ Bank stabilization	Riverine	18-inch riprap and bedding	1,694 CY	100 lf
Wetland 2 113+42 to 130+00	Roadway	Forested Wetland	Earthen Material	See Road Quantities	2.73 acres
Stream B Stream “3” 36”X101’	Reinforced Concrete Pipe	Intermittent Stream	Concrete and Steel	See Road Quantities	0.13 acre 143 lf
Stream C Stream “6” 36”X104’	Reinforced Concrete Pipe	Intermittent Stream	Concrete and Steel	See Road Quantities	0.05 acre 116 lf
Unclassified Borrow - Road Quantities	Roadway	Forested Wetland/ Streams	Earthen Material	58,847 CY	2,365 lf
Road Quantities	Roadway	Forested Wetlands/ Streams	6-inch Aggregate Type A	1,340 CY	2,365 lf
cubic yards (cys), ordinary high water mark (OHWM), acre (ac), linear feet (lf)					

Description of Work: The applicant proposes the placement of fill material into jurisdictional waters and adjacent wetlands using earthen material for approximately 58,847 cubic yards (CY), 1,340 CY for 6-inch aggregate Type A, and 3,388 CY for 18-inch riprap for bank stabilization for abutments and the road base. The total project length is for approximately 2,365 linear feet. The new road would impact two wetland areas that total 2.90 acres and two stream channels with reinforced concrete pipes for 0.18 acre (259 linear feet). The applicant also proposes to construct a new P.C. Beam Span bridge that consist of two-115 feet and four- 100 feet and five- 48 inch diameter piers using for concrete and steel that total 0.005 acre.

Avoidance and Minimization Information: The applicant provided the following statement with regard to how avoidance and minimization of impacts to aquatic resources was incorporated into the project plan:

> The applicant minimized impact by adding piers within the adjacent wetlands of the Deep Fork River and avoided additional fill material.

Mitigation: Furthermore, the applicant proposes the following as compensatory mitigation for the unavoidable impacts to aquatic resources expected from the proposed project:

> The applicant proposes to purchase wetland credits from the Deep Fork Mitigation Bank (DFMB). DFMB does not have intermittent stream credits for sale. The applicant proposes to substitute forested wetland credits for the intermittent stream acreage. 1.33 acres of forested wetland credits would be added to compensate for the 0.19-acre impact to intermittent stream using 7:1 ratio.

This mitigation plan is the applicant's proposal. The Corps has made no determination at this time with regard to the adequacy of the proposed mitigation relative to the federal mitigation rules and guidance, including Tulsa District's Mitigation and Monitoring Guidelines Compensatory Mitigation for unavoidable impacts may be required to ensure that this activity requiring a Section 404 permit, if issued complies with the Section 404 (b)(1) Guidelines. The Corps bears the final decision on the need for and extent of mitigation required if the project proposed herein is authorized.

Government Authorizations obtained or received: The Corps has not reviewed any copies of other required permits.

Project Setting: This project is located within the Oklahoma Ecoregion of Cross Timber Transition, which is part of the Central Great Plains geomorphic province. The Transition is characterized by a series of grasslands and prairies. The stream channel and forested wetlands are located in the floodplain of the Deep Fork River.

Existing Condition: The project is rural, undeveloped land and the existing county road is an unpaved road surface with gravel road. The land is comprised mostly of riparian forest in the uplands. The riverine stream channel is a jurisdictional water of the United States and flows adjacent the property.

Cultural Resources: The DE is responsible to ensure compliance with the National Historic Preservation Act of 1966 (NHPA) (Public Law 89-665), as amended, and other cultural resources laws and Executive Orders. Oklahoma Department of Transportation has completed a review of the state's records has been completed for the presence of sites included in, or eligible for, inclusion in the National Register of Historic Places, as well as the Oklahoma Landmark Inventory Database. There are no known historic properties, as defined by the NHPA, in or within the vicinity of the proposed permit area.

The State Historic Preservation Office File (#0964-14) provided on April 4, 2014, to the Oklahoma Department of Transportation that there are no historic properties affected by the project.

Threatened and Endangered Species: The following federally listed species are known to occur in the vicinity or are listed for the county in which the proposed action is located: Least Tern (*Sterna antillarum*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), and American Burying Beetle (*Nicrophorus americanus*). A copy of this notice is being furnished to the U.S. Fish and Wildlife Service and appropriate state agencies. A copy of this notice is being furnished to the U.S. Fish and Wildlife Service and appropriate state agencies.

Oklahoma Department of the Transportation coordinated with the U.S. Fish and Wildlife Service the IPAC consultation number is 02EKOK00-2014-SLI-1375. A preliminary determination is that the proposed activity will not affect listed threatened or endangered species or their critical habitat.

We are currently assessing the potential effects of the proposed action on these species and will comply with the Endangered Species Act with regard to any effect of our decision on this permit application.

Evaluation Factors: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity and its intended use on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit 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: conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, 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, considerations of property ownerships, and, in general, the needs and welfare of the people. A permit will be denied if the discharge does not comply with the Environmental Protection Agency's 404(b)(1) Guidelines. Subject to the 404(b)(1) Guidelines and any other applicable guidelines or criteria, a permit will be granted unless the DE determines that it would be contrary to the public interest.

Plans and Data: Plans showing the location of the proposed activity and other data are enclosed with this notice. If additional information is desired, it may be obtained from Mr. Marcus Ware, Tulsa District Corps of Engineers, ATTN: Regulatory Office, 2488 East 81st Street, Tulsa, OK 74137; or telephone 918-669-7400.

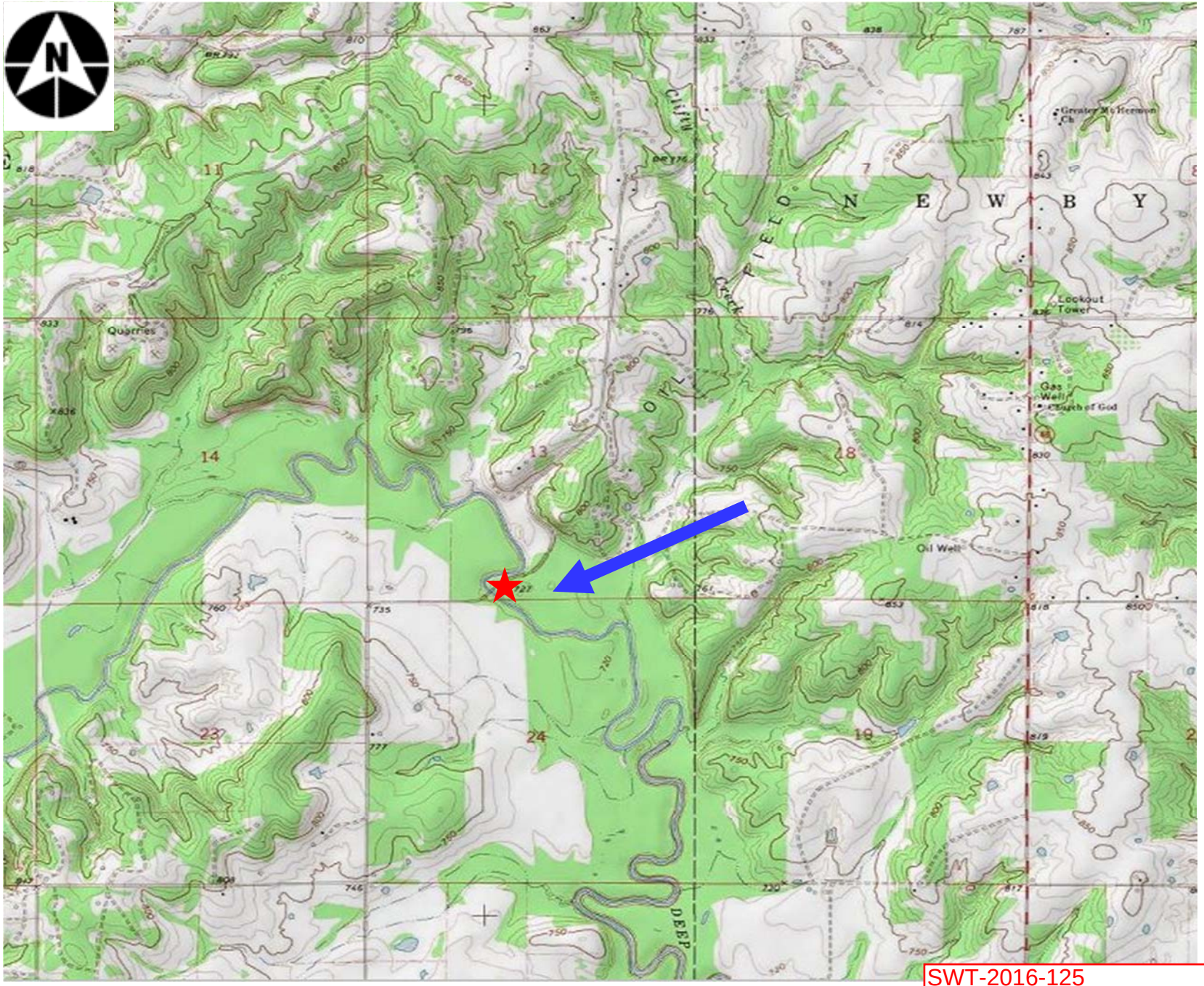
Comments: In order to consider and evaluate the impacts of this proposed activity the Corps is soliciting comments from the public, federal, state, and local agencies and officials, floodplain administrators, state historic preservation officers, Indian tribes, and

other interested parties. Comments concerning the issuance of this permit should be received by the DE no later than the expiration date of this public notice. You may submit comments to mailing address Tulsa District Corps of Engineers, ATTN: Regulatory Office, 2488 East 81st Street, Tulsa, OK 74137; or email CESWT-RO@usace.army.mil, please include the public notice number SWT-2016-125 in the subject line of the message.

Comments concerning water quality impacts will be forwarded to ODEQ for consideration in issuing a Section 401 Water Quality Certification for the proposed project. Work may **not** commence until decisions have been made on both Sections 401 and 404.

Andrew R. Commer
Chief, Regulatory Office

Enclosures



SWT-2016-125
Bridge Construction Project
Job Piece 28681(04)
Deep Fork River
Creek County, Oklahoma
Enclosure 1 of 9

SURVEY CONTROL DATA
HORIZONTAL DATUM:
OKLAHOMA NORTH ZONE (3501) NAD 83. BEARINGS ARE BASED ON STATE PLANE GRID, AND ARE NOT ASTRONOMIC.
VERTICAL DATUM:
NAVD 1988
NO SCALE FACTOR

DESIGN DATA
D3706

AADT	2015	= 100
AADT	2035	= 181
V		= 45 MPH
FLEX ESALS		= 0.2 M

SCALES 1"
PLAN 1" = 20'
PROFILE HOR. 1" = 20'
VER. 1" = 10'
LAYOUT MAP 1" = 5,280'

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

COUNTY BRIDGE

STATE AID PROJECT NO. CIRB-219D(XXX)RB
BRIDGE AND APPROACH PLANS FOR

CREEK COUNTY

STATE JOB NO. 28681(04)
BRIDGE 250 - LOCATION NO. 19N3704E0910009 EXISTING NBI NO. 01631;
LATITIUDE N35° 41" 00" LONGITUDE W96° 24' 59"
BRIDGE 251 - LOCATION NO. 19N3705E0910009 EXISTING NBI NO. 03182
LATITIUDE N35° 41" 08" LONGITUDE W96° 24' 48"
BRIDGE 252 - LOCATION NO. 19N3705E0910007 EXISTING NBI NO. 03155
LATITIUDE N35° 41" 05" LONGITUDE W96° 24' 49"
BRIDGE "A" LOCATION NO. XXXXXXXXXXXX NEW NBI NO. XXXXX
LATITIUDE N35° 41" 00" LONGITUDE W96° 24' 59"

OKLAHOMA DEPARTMENT OF TRANSPORTATION
PROPOSED R/W
April 2015

INDEX OF SHEETS

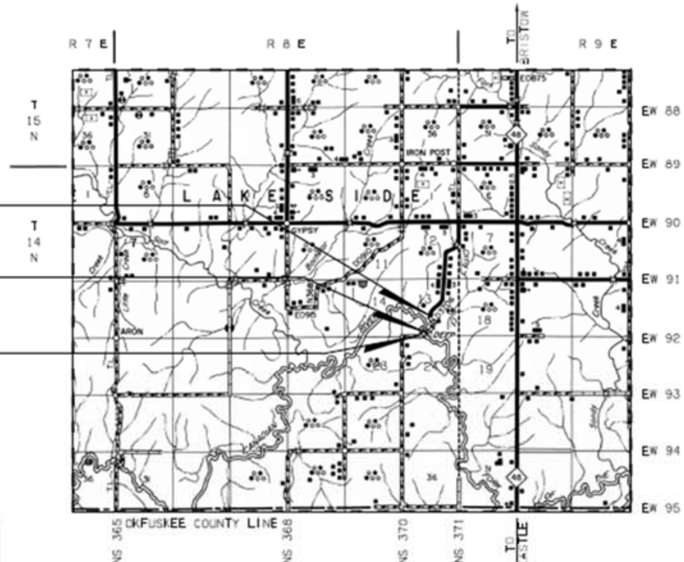
THE FOLLOWING ODOT STANDARD DRAWINGS ARE REQUIRED

BRIDGE	ROADWAY	TRAFFIC	TRAFFIC MAINT.
CB32-C-SK30-ABUT-PC4-1-01E	CET4S-3-1	DU1-1-00	GET-2-00
CB32-C-SK30-ABUT-PC4-2-02E	DC-3-2	DU2-1-00	GRH1-1-00
CB32-C-SK30-XSECT-PC234-01E	FHTMP-5-0	GHW1-1-00	GRH2-1-00
CB32-C-SK30-LSECT-PCB-01E	FHTCP-3-0	GHW2-1-00	GRH3-1-00
CB32-C-SK30-OKSLB-1-01E	FPI-3-2	GMS1-1-00	
CB32-C-SK30-OKSLB-2-01E	LECS-4-1	PM3-1-02	
CB32-C-SK30-OKSLB-BLIST-01E	PCES-4-0	RSD1-1-00	
CB32-C-SK30-DIA-END-PC234-01E	PSE-1-0	SBS1-1-00	
CB32-C-SK30-SPR-QUAN-PCB-1-01E	PUD-3-2	SBS2-1-00	
CB32-C-SK30-SPR-QUAN-PCB-2-01E	RDI-3-1	SKT-1-00	
CB32-C-SK0..30-DIA-INT-PCB-01E	RWF2-2-1	SPA1-1-00	
CB32-C-SK0..30-BRG-PC4-01E	SPB-1-3	SSA1-1-00	
CB26..32-C-SK30-WING-PC4-01E	SPI-4-0	SSP1-1-02	
CB26..32-C..I-SK0..30-PCB-DTL-1-01E	SSS-1-1	TCS1-1-01	
CB26..32-C..I-SK0..30-PCB-DTL-2-01E	TSC2-3-1	TCS2-1-00	
CB32-C-SK0..30-PCB-IV-100-01E	TSD-2-0	TCS4-1-01	
CB32-C-SK0..30-PCB-IV-115-01E		TCS5-1-00	
HP1-2-00E		TCS7-1-02	
TR3-2-00E		TCS8-1-00	
		TCS9-1-01	
		TCS10-1-00	
		TCS11-1-01	
		TCS12-1-00	
		TCS13-1-00	
		TCS14-1-00	
		TCS15-1-00	
		THRI-1-00	

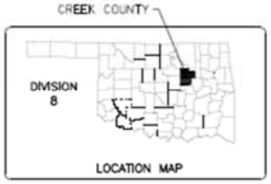
STA. 130+00.00
END PROJECT

BRIDGE "A"
BEGIN STA. 107+07.39
END STA. 113+42.61
LENGTH = 635'-2 5/8"

STA. 100+00.00
BEGIN PROJECT



CREEK COUNTY



LOCATION MAP

ROADWAY LENGTH 2364.78 FT. 0.447 MI.
BRIDGE LENGTH 635.22 FT. 0.120 MI.
PROJECT LENGTH 0.567 MI.
EQUATIONS: NONE
EXCEPTIONS: NONE

2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - ENGLISH GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.

NICHOLLS CONSULTING, PLLC
CERTIFICATE OF AUTHORIZATION No. 5721
RENEWAL DATE: JUNE 30, 2015

MICHAEL B. SIMMONS, P.E. NO. 24576
(THIS SEAL COVERS SHEETS XX-XX)

THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT

GUY ENGINEERING
Certificate of Authorization No. 1427
Renewal Date: June 30, 2016

R. AARON PECK, P.E. NO. 23988
(THIS SEAL COVERS SHEETS XX-XX)

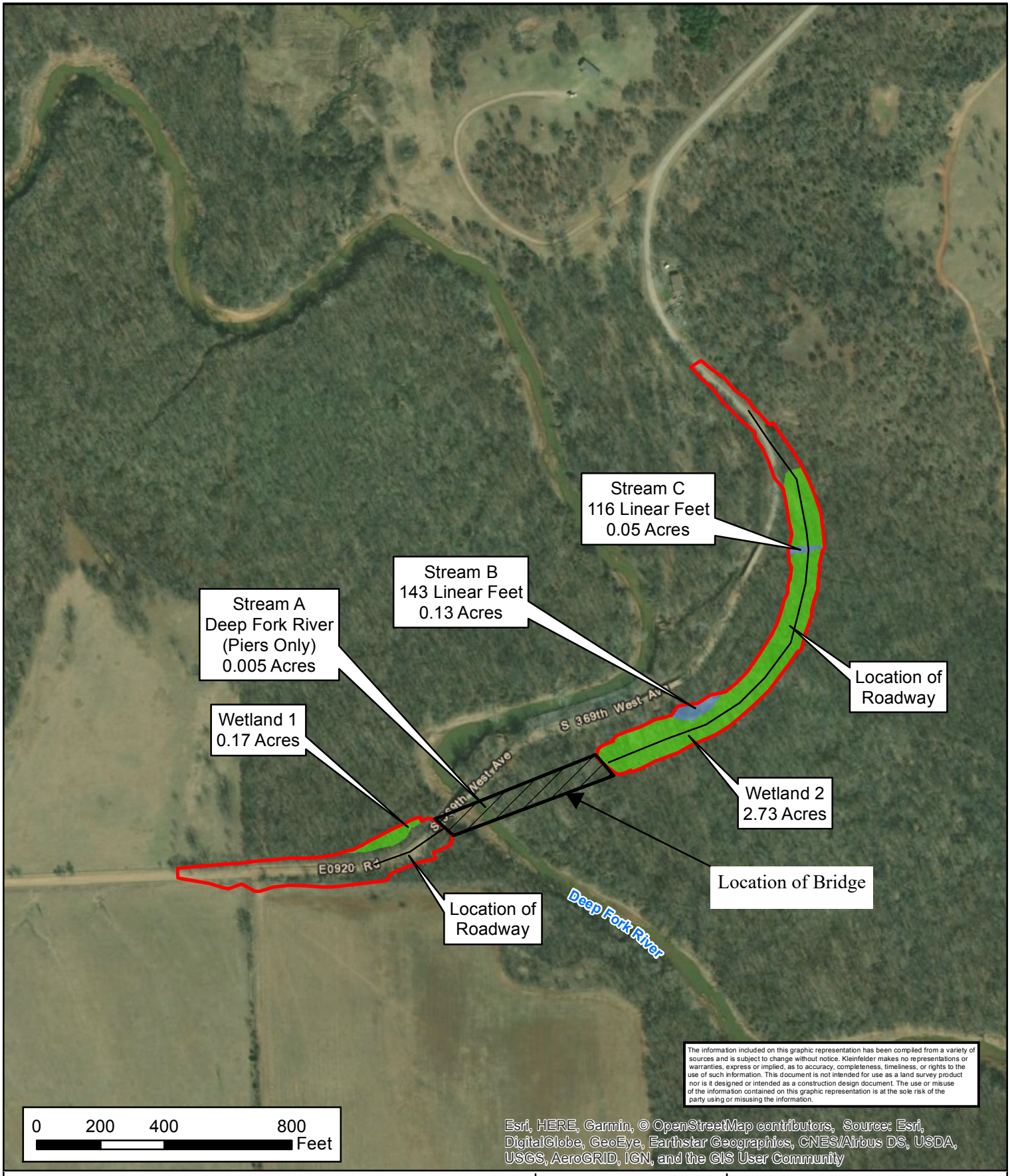
THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR

PROJECT NO. CIRB-219D(XXX)RB SHEET NO. 1
CREEK COUNTY
BR. 250 OVER THE DEEP FORK OF THE CANADIAN RIVER

COMMISSIONER LANE WHITEHOUSE
DISTRICT 3, CREEK COUNTY

SWT-2016-125
Bridge Construction Project
Job Piece 28681(04)
Deep Fork River
Creek County, Oklahoma
Enclosure 2 of 9



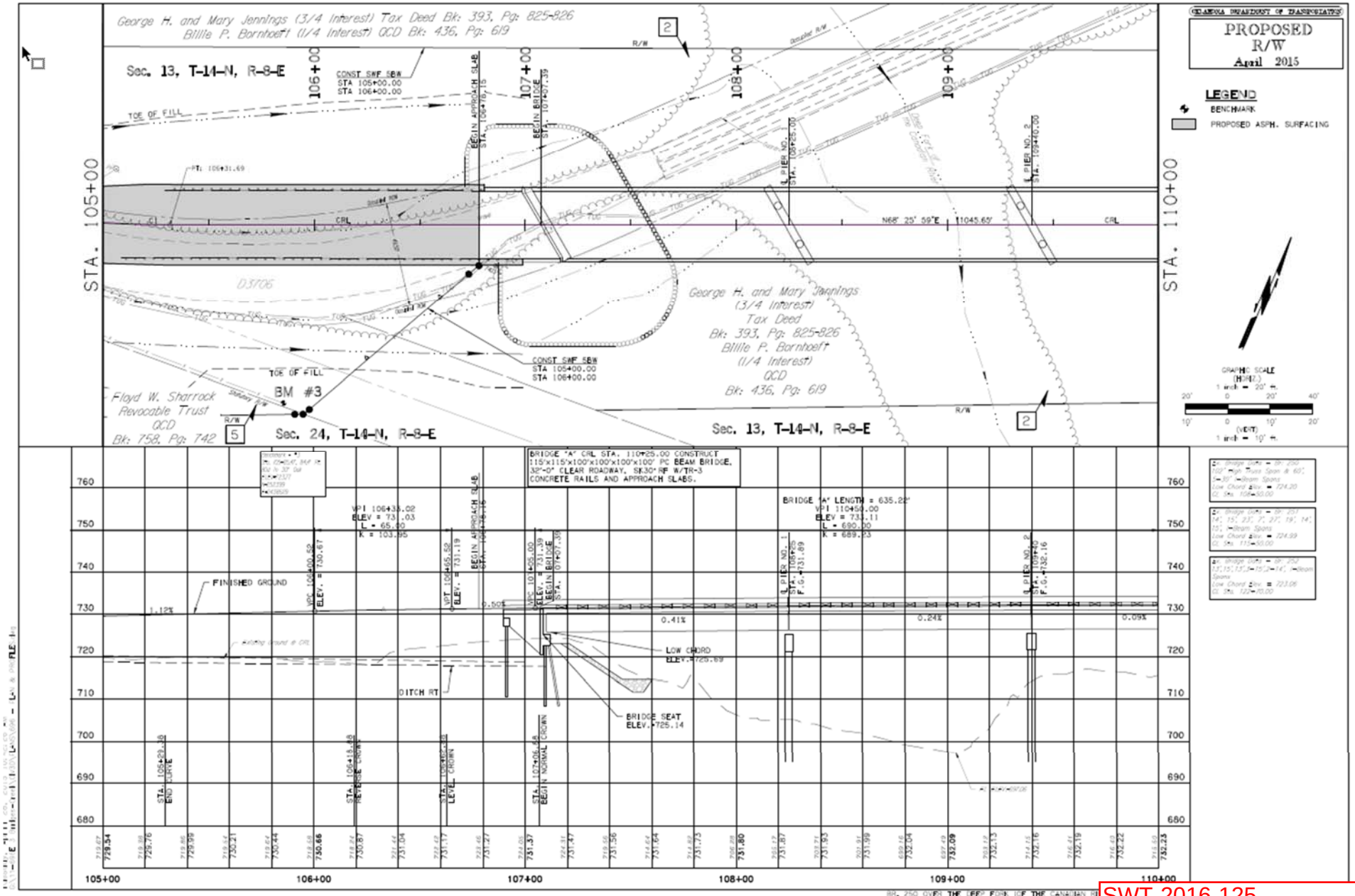
Legend

- Project Footprint
- Bridge
- Stream
- Wetland

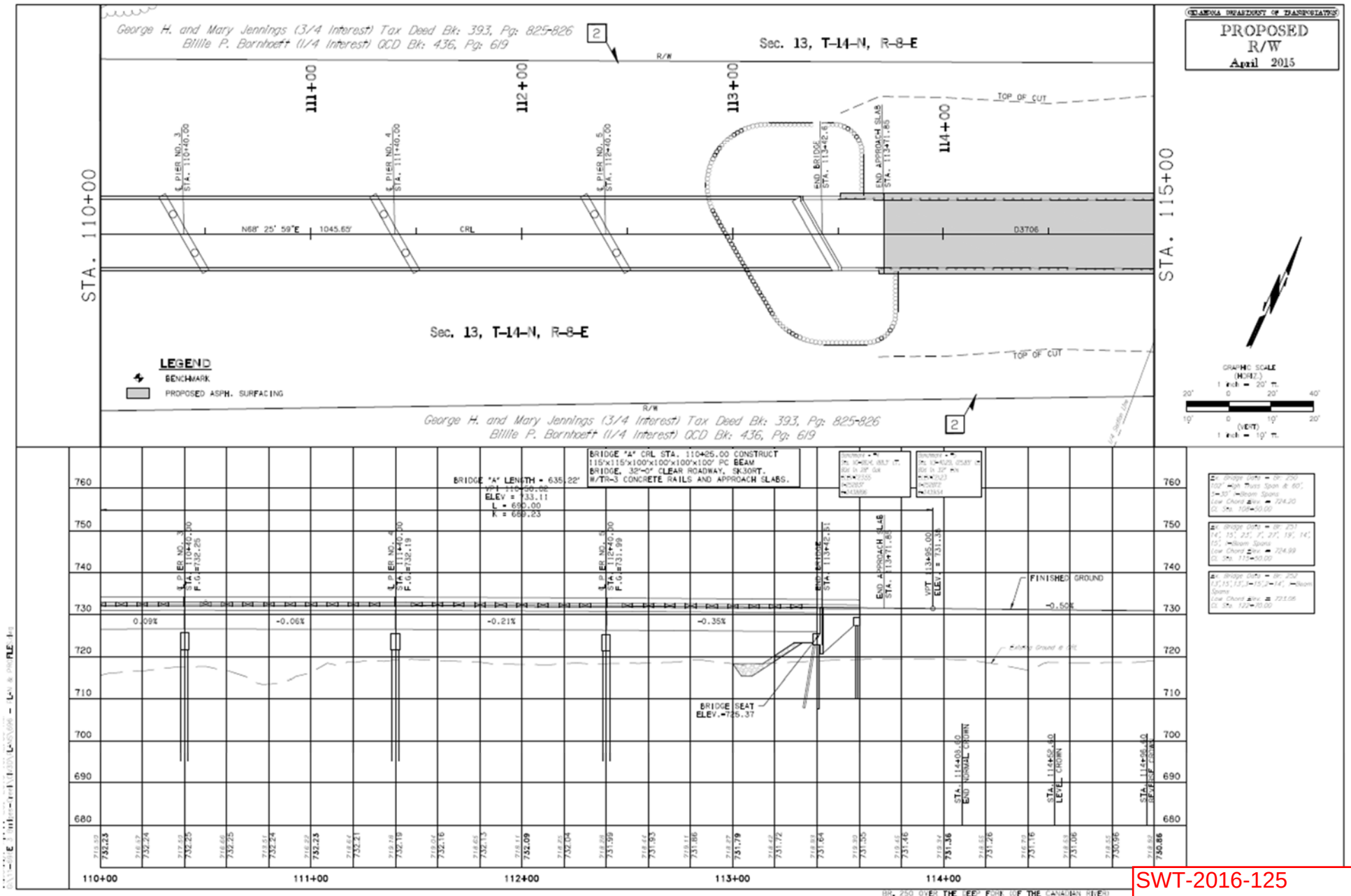
N

PROJECT NO.	20181595
DRAWN:	7/20/2018
DRAWN BY:	A.Leonard
CHECKED BY:	B.Neece
FILE NAME:	Fig3_Impacts.mxd

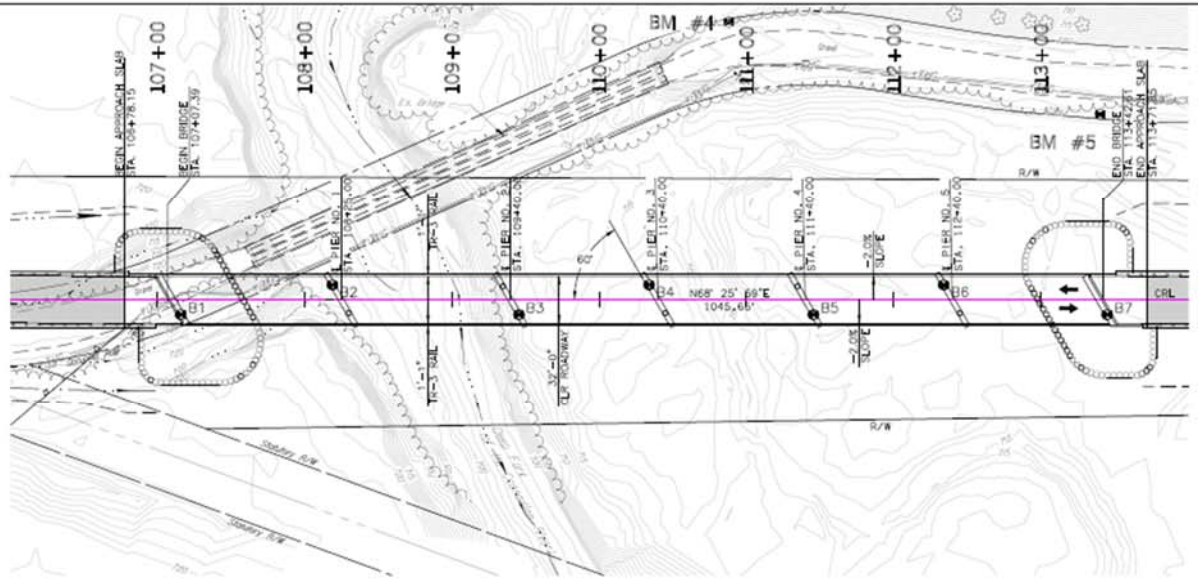
SWT-2016-125
Bridge Construction Project
Job Piece 28681(04)
Deep Fork River
Creek County, Oklahoma
Enclosure 3 of 9



SWT-2016-125
Bridge Construction Project
Job Piece 28681(04)
Deep Fork River
Creek County, Oklahoma
Enclosure 4 of 9



SWT-2016-125
Bridge Construction Project
Job Piece 28681(04)
Deep Fork River
Creek County, Oklahoma
Enclosure 5 of 9



BRIDGE 'A' HYDRAULIC DATA			
D.A. = 1,376.00	SQ. MI.	Q100 = 98,200	CFS
		V100 = 10.02	FPS
		CHW100 = 732.76	FT
Q10 = 16,400	CFS	CONT. SCOUR DEPTH = 1.93	FT
V10 = 3.53	FPS	PIER SCOUR DEPTH = 10.55	FT
CHW10 = 726.35	FT	TOTAL SCOUR DEPTH = 12.48	FT
Q25 = 59,600	CFS	QOT (20 YR) = 45,200	CFS
V25 = 7.88	FPS	VOT (20 YR) = 6.43	FPS
CHW25 = 728.71	FT	CHWOT (20 YR) = 727.74	FT (RDY)

OKLAHOMA DEPARTMENT OF TRANSPORTATION

PROPOSED R/W
April 2015

LEGEND
BENCHMARK
PROPOSED RIP RAP
GUARDRAIL

28681(04)

SUMMARY OF QUANTITIES

DESCRIPTION	UNIT	SUPER	PIER	ABUT.	TOTAL
SUBSTRUCTURE EXCAVATION COMMON	C.Y.			250	250
CLSM BACKFILL	C.Y.			126	126
PRESTRESSED CONCRETE BEAMS (TYPE IV)	L.F.	2,512			2,512
APPROACH SLAB	S.Y.			225	225
SAW CUT GROOVING	S.Y.	1,955		175	2,130
CONCRETE RAIL (TR3)	L.F.	1,271		71	1,342
STRUCTURAL STEEL	LB.	3,160		0	3,160
WEATHERING STEEL FIXED BEARING ASSEMBLY	EA.	32		0	32
WEATHERING STL EXP. BEARING ASSEMBLY	EA.	16		0	16
CLASS AA CONCRETE	C.Y.	603		0	603
CLASS A CONCRETE	C.Y.	0		91	91
REINFORCING STEEL	LB.	143,960		13,160	157,120
PILES, FURNISHED (HP 10x42)	L.F.			0	0
PILES, FURNISHED (HP 12x53)	L.F.			0	0
PILES, DRIVEN (HP 10x42)	L.F.			0	0
PILES, DRIVEN (HP 12x53)	L.F.			0	0
CROSSHOLE SONIC LOGGING	EA.		10		10
TYPE I-A PLAIN RIPRAP	TON			2,847	2,847
TYPE I-A FILTER BLANKET	TON			376	376
6" PERFORATED PIPE UNDERDRAIN ROUND	L.F.			72	72
6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.			40	40
REMOVAL OF EXISTING BRIDGE STRUCTURE	L. SUM				1
GUARDRAIL ANCHOR UNIT (TYPE D-SF)	EA.			4	4

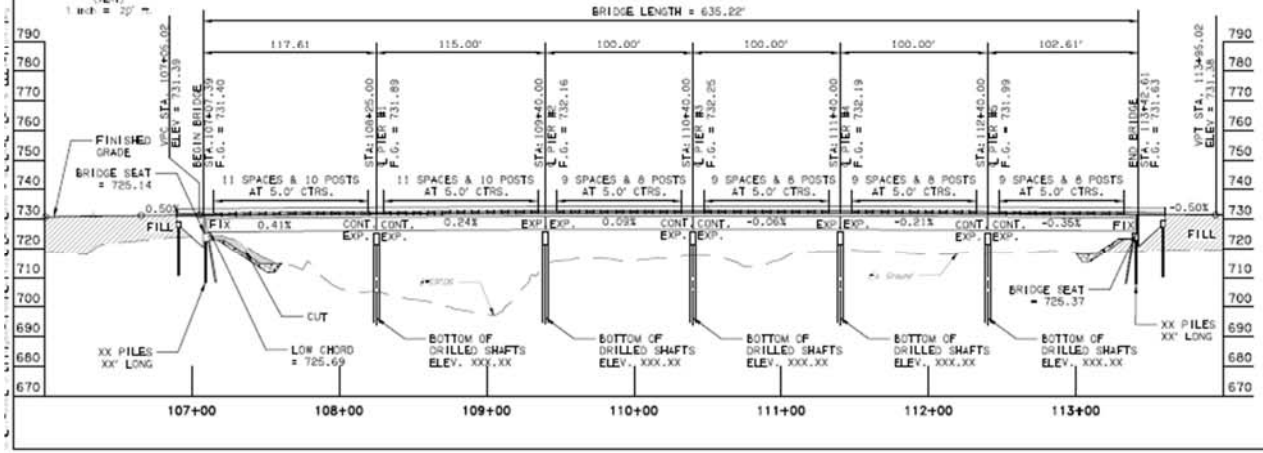
BRIDGE "A" ℄ CRL STA. 110+25.00 CONSTRUCT 115'x115'x100'x100'x100'x100' PC BEAM BRIDGE, 32'-0" CLEAR ROADWAY, SK30° RF W/TR-3 CONCRETE RAILS AND APPROACH SLABS.

GRAPHIC SCALE (HORIZ.) 1 inch = 40' =

(VERT) 1 inch = 20' =

STANDARDS

CB32-C-SK30-ABUT-PC4-1-01E
CB32-C-SK30-ABUT-PC4-2-02E
CB32-C-SK30-XSECT-PC234-01E
CB32-C-SK30-LSECT-PCB-01E
CB32-C-SK30-DKSLB-1-01E
CB32-C-SK30-DKSLB-2-01E
CB32-C-SK30-DKSLB-BLIST-01E
CB32-C-SK30-DIA-END-PC234-01E
CB32-C-SK30-SPR-QUAN-PCB-1-01E
CB32-C-SK30-SPR-QUAN-PCB-2-01E TR3-2-00E
CB32-C-SK0..30-DIA-INT-PCB-01E
CB32-C-SK0..30-ERG-PC4-01E
CB26..32-C-SK30-WING-PC4-01E
CB26..32-C..I-SK0..30-PCB-DTL-1-01E
CB26..32-C..I-SK0..30-PCB-DTL-2-01E
CB32-C-SK0..30-PCB-IV-100-01E
CB32-C-SK0..30-PCB-IV-115-01E
HP1-2-00E



LOAD AND RESISTANCE FACTOR DESIGN DATA

CLASS AA CONCRETE	f'c =	4,000 P.S.I.
CLASS A CONCRETE	f'c =	3,000 P.S.I.
REINFORCING STEEL	fy =	60,000 P.S.I.
STRUCTURAL STEEL M270 (GRADE 50W)	fy =	50,000 P.S.I.
STAINLESS STEEL A240 (TYPE 316)	fy =	30,000 P.S.I.

LOADING: HL-93 OR OKLAHOMA OVERLOAD TRUCK AND 20 P.S.F. FUTURE WEARING SURFACE, 5 P.S.F. STAY-IN-PLACE FORMS.
DESIGN: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 4TH EDITION WITH 2009 INTERIM REVISIONS.
ANSI / AASHTO / AWS D1.5 BRIDGE WELDING CODE
ANSI / AWS D1.6 STRUCTURAL WELDING CODE - STAINLESS STEEL
LFD OPERATING RATING: HS 35.8

ABUTMENTS (HP 10 X 42 PILING)

FACTORED PILE REACTION = TONS/PILE

ALL ABUTMENT PILING SHALL BE DRIVEN THROUGH THE COMPACTED FILL. PILING SHALL BE DRIVEN TO POINT BEARING ON SOLID FOUNDATION MATERIAL AT THE APPROXIMATE ELEVATION SHOWN ON THE PLANS. IF THE ULTIMATE REQUIRED CAPACITY IS NOT OBTAINED AT THIS ELEVATION, DRIVING SHALL CONTINUE UNTIL THE REQUIRED ULTIMATE PILE CAPACITY IS OBTAINED. THE LENGTH OF STEEL PILING SHOWN ON THE PLANS IS FOR ESTIMATING PURPOSES ONLY.

PIERS (48" DIAMETER DRILLED SHAFTS)

	PIER NO. 1	PIER NO. 2	
FACTORED REACTION	-	-	TONS/SHAFT
NOMINAL UNIT BEARING RESISTANCE	-	-	T.S.F.
BEARING RESISTANCE FACTOR	-	-	
FACTORED BEARING RESISTANCE	-	-	TONS/SHAFT
NOMINAL UNIT FRICTION RESISTANCE	-	-	T.S.F
FRICTION RESISTANCE FACTOR	-	-	
FACTORED FRICTION RESISTANCE	-	-	TONS/SHAFT
DEPTH OF ROCK NEGLECTED FOR FRICTION	-	-	FEET
TOTAL FACTORED RESISTANCE	-	-	TONS/SHAFT

D3706 OVER DEEP FORK OF THE CANADIAN RIVER - BRIDGE "A" — CREEK COUNTY

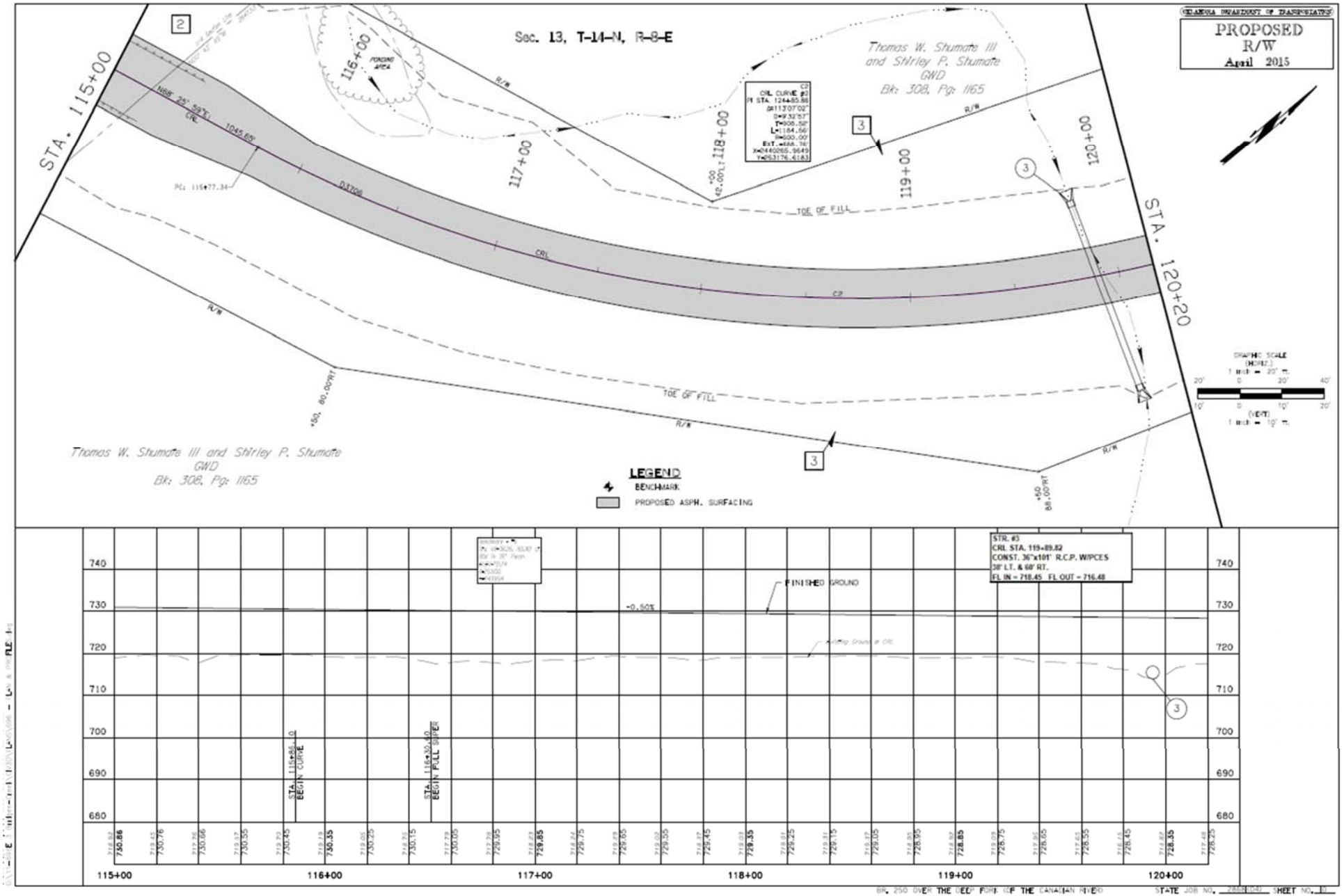
GENERAL PLAN & ELEVATION

CONSTRUCT 2-115' & 4-100' TYPE IV PC BEAM BRIDGE, 32'-0" CLR ROADWAY, SK30, WITH TR-3 CONCRETE RAILS AND APPROACH SLABS.

Design	BDM	04/15
Detail	CLP	04/15
Check	PRS	04/15
Signed Eng.	GUY	

STATE OF OKLAHOMA — GUY ENGINEERING SERVICES, INC.
JOB PIECE NO. 28681(04) — SHEET NO. 13

SWT-2016-125
Bridge Construction Project
Job Piece 28681(04)
Deep Fork River
Creek County, Oklahoma
Enclosure 6 of 9



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Deep Fork River
Creek County, Oklahoma
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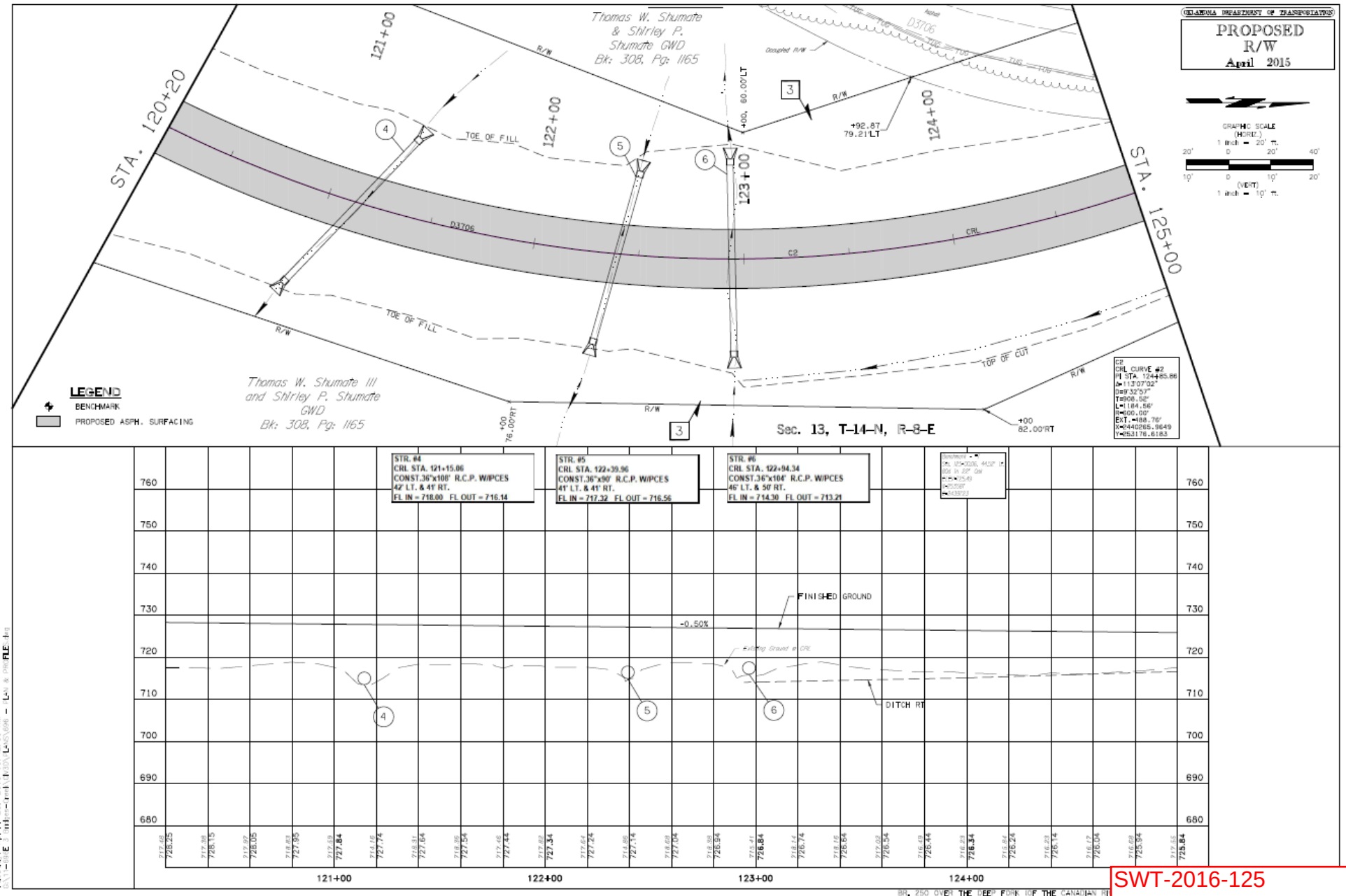

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Creek County, Oklahoma
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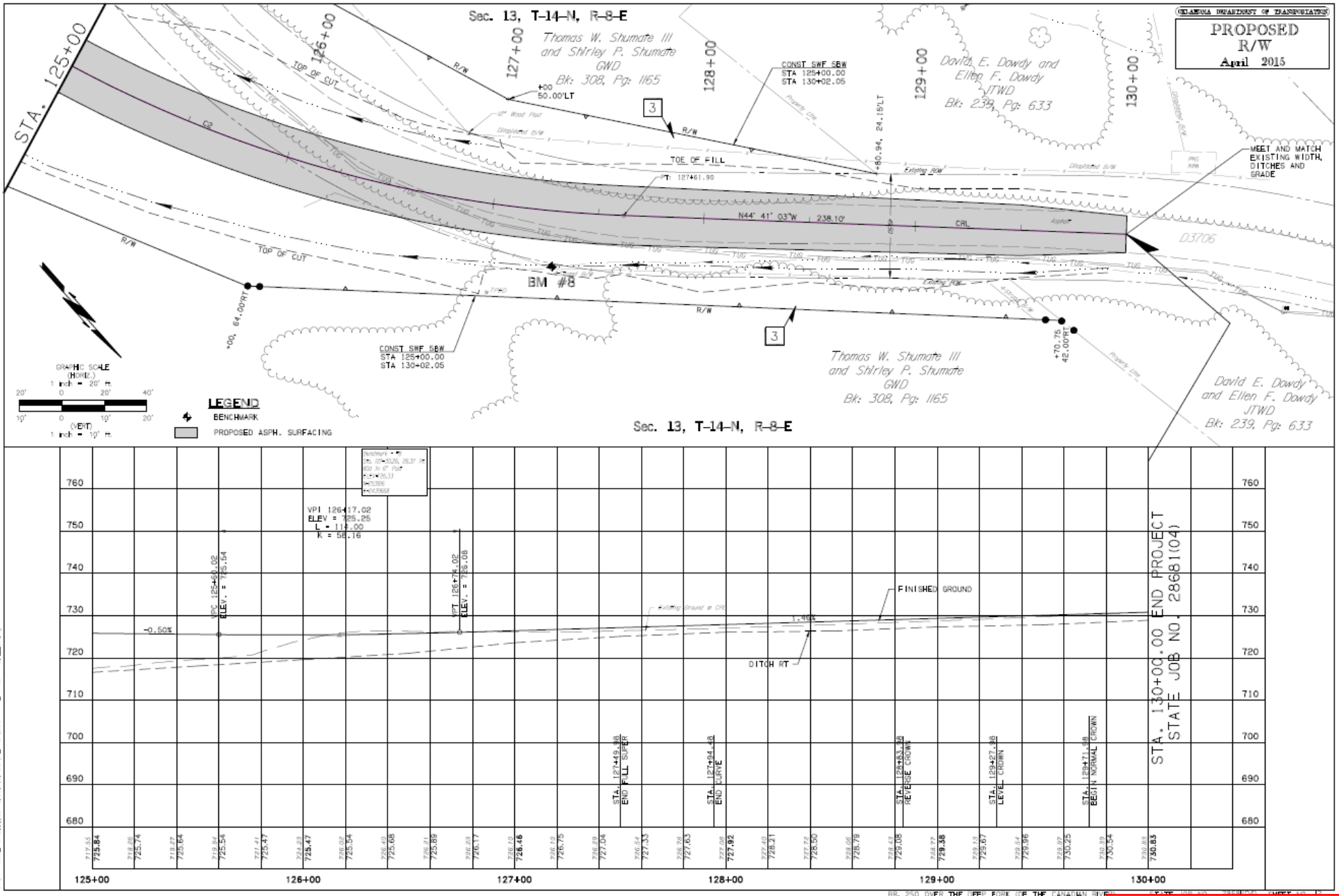

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