



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-2015-133
Public Notice No.

September 21, 2020
Public Notice Date

October 20, 2020
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

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

Application No. SWT-2015-00133

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS
AND
OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ)
AND
TEXAS COMMISSION ENVIRONMENTAL QUALITY (TCEQ)
(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 certifications pursuant to Section 10 of the Rivers and Harbor Act (RHA) of 1899 including Sections 404 and 401 of the Clean Water Act (CWA). The ODEQ and TCEQ hereby incorporates this public notice and procedure as its own public notice and procedure by reference thereto.

Applicant: Ms. Stephanie Manry
Wichita Falls District
Texas Department of Transportation (TXDOT)
1601 Southwest Parkway
Wichita Falls, TX 76302

Agent: Mr. Steven Cramer
Jacobs Engineering
911 Central Parkway North, Suite 425
San Antonio, TX 78232

Location: The proposed project is for 22 miles in length from Interstate Highway (IH 35): Near FM 3002, Cooke County, Texas to Mile Marker 1 Merle Wolfe Road in Love County, Oklahoma.

Project Start: North Latitude 33.436601 and West Longitude 97.166171 (Farm-to-Market Road (FM) 3002)

Red River Bridge Crossing: North Latitude 33.727543 and West Longitude 97.159097
Red River Bridge Replacement Project

Project End: North Latitude 33.738548 and West Longitude 97.145911 (Mile Marker 1 (Merle Wolfe Road in Oklahoma))

Project Description: The TXDOT application is for the placement of dredged or fill material in various waterways (Section 404 CWA). This proposal would also involve the placement dredged or fill material into navigable waters of the United States associated with Red River Crossing (Section 10 RHA). This activity would facilitate the

reconstruction and widening of the existing IH 35 corridor from FM 3002 to the Texas/Oklahoma Stateline. Additionally, new North bound lanes would be constructed adjacent (East) of existing corridor near the Red River bridge. For the remaining sections, two additional travel lanes would be added to the existing IH35 infrastructure in each direction. The existing frontage roads would be converted to one-way traffic to increase safety and capacity on IH 35.

Purpose: The purpose of the proposed project is to widening the IH35 from two lanes to four lanes. These are not water dependent activities.

Information: The applicant proposes the rehabilitation of IH 35 to correct design deficiencies and provide frontage roads throughout the project limits. This is expected to improve public safety, transportation mobility, add capacity, and enhance economic development opportunities for existing and future travelers in the region.

Corps Area of Responsibility: The project area is located within two U.S. Army Corps of Engineer (USACE) Districts, Tulsa and Fort Worth. The Tulsa District is requiring an Individual Permit, due to construction within the Red River. Since an Individual Permit is required, the Tulsa District will be the lead Corps District to review the entire project. The proposed project is planned to be built in three phases that beginning in Phase 1, February 2021; Phase 2, Fiscal Year (FY) 2023; and Phase 3, FY-2026.

Summary Table of Impacts:

Original Proposal					
Number (and Project Phase) / Location	Impact Activity	Type of Water	Type of Fill Material	Qty of Material cys below OHWM	Footprint (ac and/or lf)
1 Construction Phase 3 (Texas)	Extending Culvert	Riverine	Concrete and Steel	54.9	0.017 ac 50 lf
2 Construction Phase 3 (Texas)	New Bridge Construction "drill piers outside of the OHWM"	Riverine	Concrete and Steel	29.0	0.018 ac 88 lf
3 Construction Phase 3 (Texas)	Extending Culvert	Riverine	Concrete and Steel	16.1	0.010 ac 75 lf
4 Construction Phase 3 (Texas)	No Impact to WOTUS	Riverine	None	0	0.00 ac 0 lf

5 Construction Phase 3 (Texas)	New Bridge No Bents "outside of the OHWM"	Riverine	Concrete and Steel	0	0.467 ac 581 lf
6 Construction Phase 3 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	3.2	0.002 ac 40 lf
7 Construction Phase 3 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	12.9	0.008 ac 44 lf
8 Construction Phase 1 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	6.5	0.004 ac 17 lf
9 Construction Phase 1 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	96.8	0.015 ac 72 lf
10 Construction Phase 1 (Texas)	No Impact to WOTUS	Riverine	None	0	0.0 ac 0 lf
11 Construction Phase 1 (Texas)	Road Widening	Riverine	Earthen Material-	54.9	0.017 ac 42 lf
12 Construction Phase 1 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	51.6	0.008 ac 58 lf
13 Construction Phase 1 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	38.7	0.006 ac 45 lf
14 Construction Phase 1 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	3.2	0.002 ac 29 lf
15 Construction Phase 1 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	1.6	0.001 ac 20 lf
16 Construction Phase 1 (Texas)	No Impact to WOTUS	Riverine	None	0	0.0ac 0 lf
17 Construction Phase 1 (Texas)	Bridge Extended - Grading "piers outside of the OHWM"	Riverine	Concrete and Steel	1.6	0.001 ac 34 lf
18 Construction Phase 1 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	22.6	0.007 ac 24 lf

19 Construction Phase 1 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	32.3	0.005 ac 26 lf
20 Construction Phase 1 (Texas)	New Bridge Footprint is located "outside the OHWM"	Riverine	None	0	0.0 ac 0 lf
21 Construction Phase 2 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	222.6	0.069 ac 200 lf
22 Construction Phase 2 (Texas)	Culvert portion of ephemeral stream	Riverine	None	0	0.0 ac 0 lf
23 Construction Phase 2 (Texas)	Road Widening/ Culvert	Riverine	Earthen Material-	4.8	0.003 ac 145 lf
24 Construction Phase 2 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	1.6	0.001 ac 56 lf
25 Construction Phase 2 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	1.6	0.001 ac 56 lf
26 Construction Phase 2 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	8.1	0.005 ac 56 lf
27 Construction Phase 2 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	8.1	0.005 ac 44 lf
28 Construction Phase 2 (Texas)	No Impacts to WOTUS	Riverine	None	0	0.0 ac 0 lf
29 Construction Phase 2 (Texas)	Existing Culvert Extended	Riverine	Concrete and Steel	9.7	0.006 ac 260 lf
30 (Red River) Construction Phase 2 (Oklahoma) Replace one existing bridge/ build new bridge	Two New Span Bridges 140' wide (2-70 ft wide) with 163 Piers 54 Piers in water (54 inch diameter)	Riverine	Concrete and Steel	3.2	0.002 ac 252 lf
31 Construction Phase 2 (Oklahoma)	No Impact to WOTUS	Riverine	None	0	0.0 ac 0 lf
32 Construction Phase 2 (Oklahoma)	Existing Culvert Extended	Riverine	Concrete and Steel	1.6	0.001 ac 34 lf

33 Construction Phase 2 (Oklahoma)	No Impacts to WOTUS	Riverine	None	0	0.0 ac 0 lf
34 Construction Phase 2 (Oklahoma)	Existing Culvert Extended	Riverine	Concrete and Steel	8.1	0.005 ac 20 lf
35 Construction Phase 2 (Oklahoma)	No Impacts to WOTUS	Riverine	None	0	0.0 ac 0 lf
36 Construction Phase 2 (Oklahoma)	Existing Culvert Extended	Riverine	Concrete and Steel	8.1	0.005 ac 20 lf
37 Construction Phase 2 (Oklahoma)	Existing Culvert Extended	Riverine	Concrete and Steel	1.6	0.001 ac 20 lf
IH 35 Total (Impacts)	Delineation 6,675 lf			703.4 CYS	0.233 ac 1,752 lf
cubic yards (cys), ordinary high water mark (OHWM), acre (ac), linear feet (lf), inch (in), feet (ft)					

Description of Work: The applicant proposes the placement of dredged or fill materials using eathern materials consisting of clay, sand, concrete and 12-inch riprap. The applicant also proposes to construct a new bridge (#30) over the Red River that would require (72) 42 to 54-inch diameter piers that are cylindrical concrete shaft filled with concrete and steel. After construction, all temporary fill would be removed and the Red River contours restored to its pre-construction contours.

This proposal also includes the placement of fill material for Type 1 Class A 12-inch riprap (with filter blanket) for bank stabilization to protect the abutments.

The applicant also proposes to extend 25 concrete culverts and two bridge widening's at (#17) for 34 lf and (#23) for 145 lf. The total project length is 22 miles. The combine total impacts to WOTUS is 1,752 lf (0.233 ac). The work would be performed using conventional earth moving equipment, drills, and work barge. The existing structurally deficient bridge and the temporary work road would be removed when the new bridge has been completed.

The applicant also proposes to construct four new bridges (#2), (#5), (#17), and (#20). All piers associated with these bridges would be placed outside of the OHWM. Sites (#4), (#10), (#16), (#28), (#31), (#33), and (#35) would not involve impacts to WOTUS.

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 is proposing avoidance and minimization by reconstructing and widening the existing IH 35 corridor which avoids the need to construct a road in a new location. In addition, appropriate BMPs will be used to avoid and minimize both permanent and temporary impacts during construction.

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

The applicant did not provide a proposed mitigation plan or a statement explaining why mitigation is not necessary for their project because the impacts to the crossings are under mitigation triggers.

This 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 received correspondence concerning Section 9 RHA (Administered by the U.S. Coast Guard) that determined the waterway crossing over the Red River will not require U.S. Coast Guard approval.

Project Setting: This project is located within the Texas and Oklahoma Ecoregion of Cross Timbers Transition, which is part of the Central Great Plains geomorphic province. The Cross Timbers Transition is characterized by a series of grasslands and prairies. The project is in the floodplain of the Red River.

Existing Condition: The project is currently an Interstate Highway with associated county access roads. The land is comprised mostly of grasslands and land managed by agricultural activities in the uplands. The intermittent and perennial stream channels identified along the IH35 corridor are jurisdictional waters of the United States.

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. A preliminary review has been completed of the state's records 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. Based on the preliminary information, there may be historic properties, as defined by the NHPA, in or within the vicinity of the proposed permit area. The Corps will comply with the NHPA to resolve any potential effects.

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 whooping crane (*Grus americana*). 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.

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-2015-00133 in the subject line of the message.

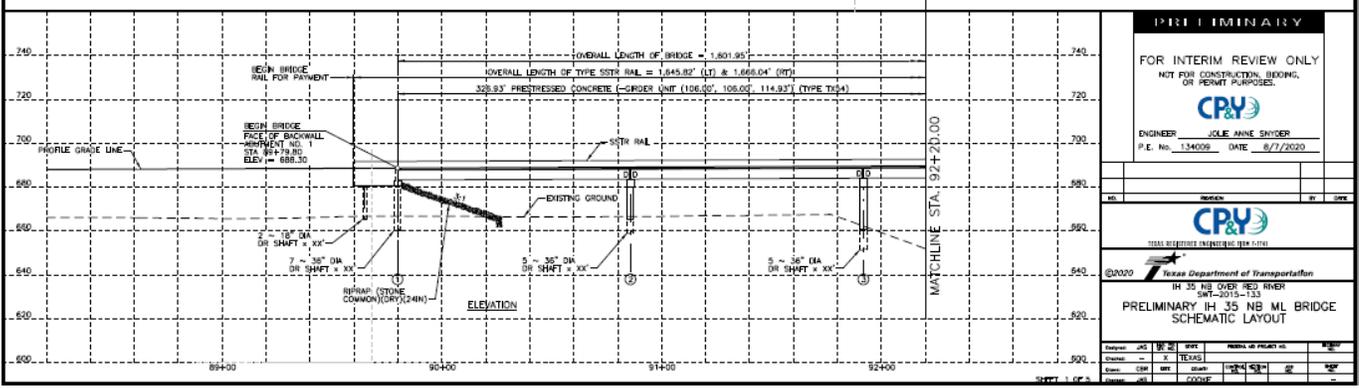
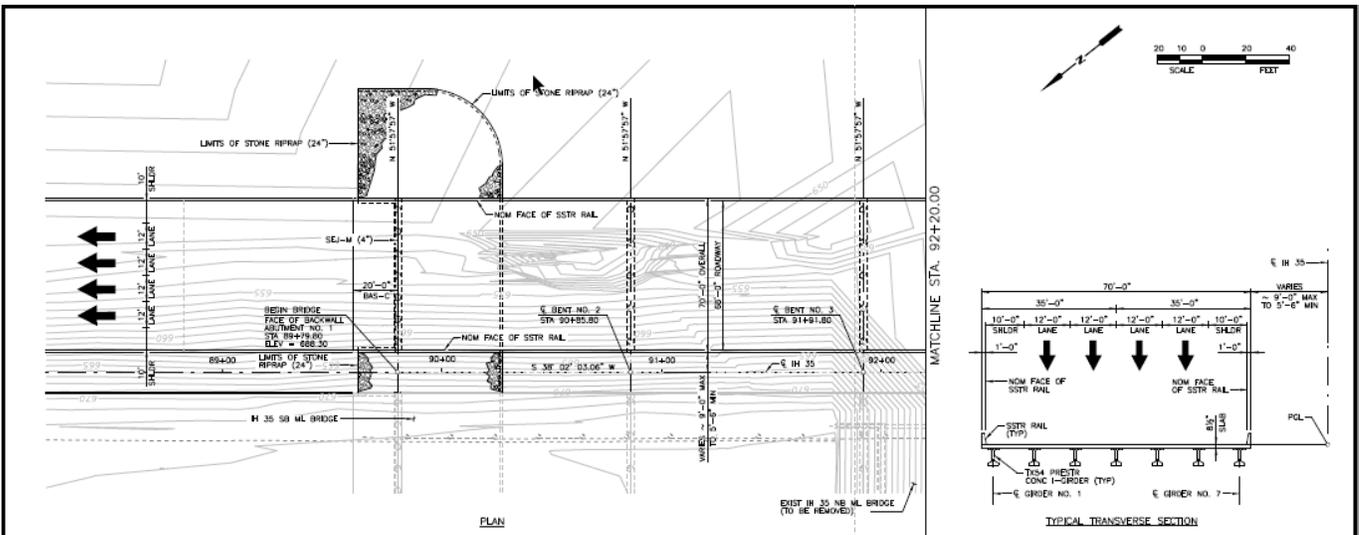
Comments concerning water quality impacts will be forwarded to ODEQ and TECQ for consideration in issuing a Section 401 Water Quality Certification for the proposed project. Work may **not** commence until decisions have been made on both Sections 401 and 404.

Andrew R. Commer
Chief, Regulatory Office

Enclosures



SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
 Enclosure 1 of 18



PRELIMINARY

FOR INTERIM REVIEW ONLY
 NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

CP&I

ENGINEER: JOLIE ANNE SNYDER
 P.E. No. 134009 DATE: 8/7/2020

CP&I

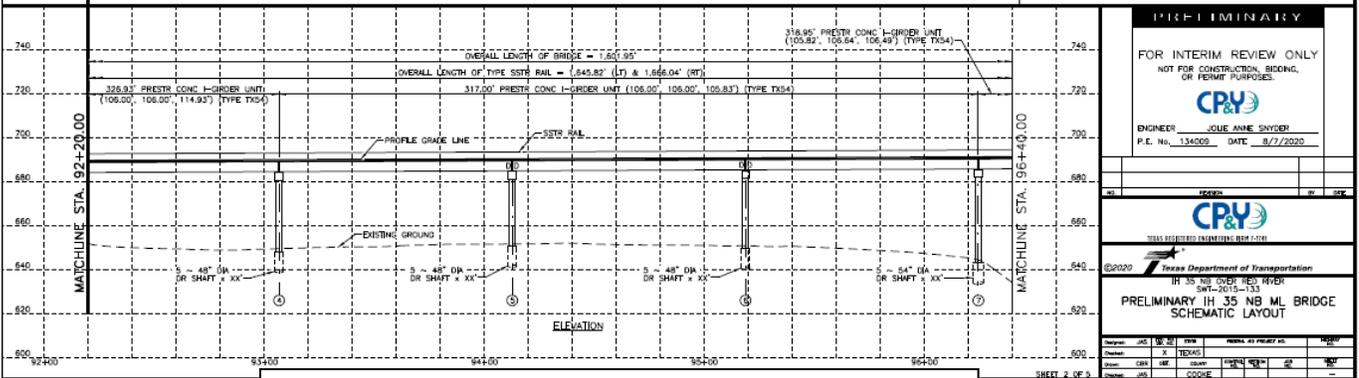
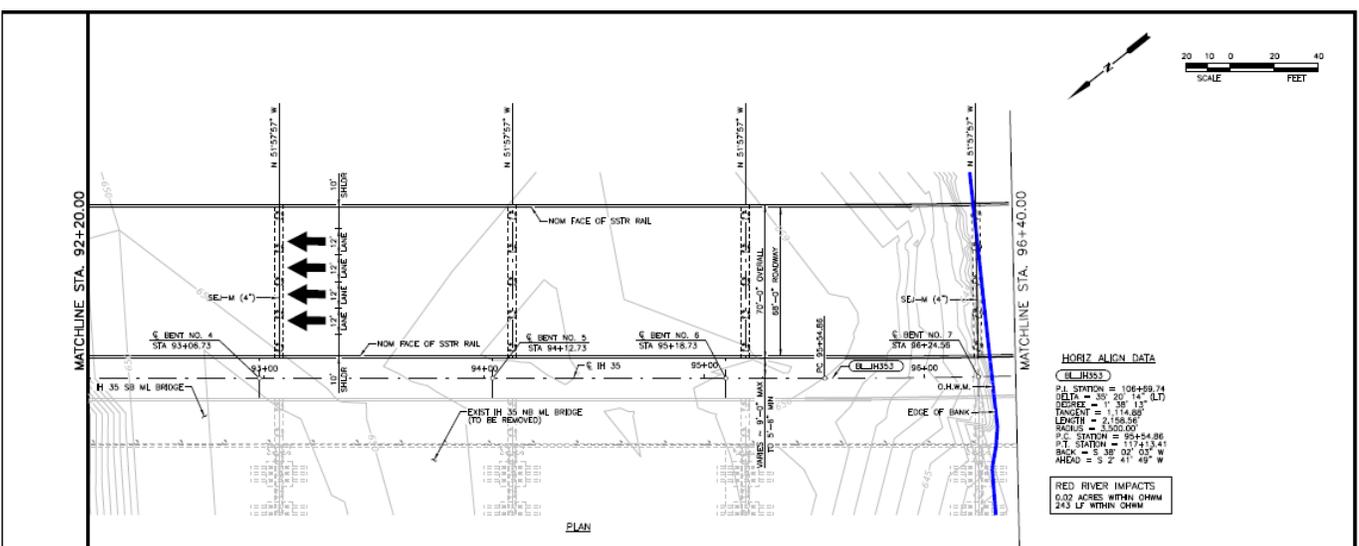
TOTAL ESTIMATED INVENTORIES: \$28,120,000

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IH 35 NB OVER RED RIVER
 SW-2015-133

PRELIMINARY IH 35 NB ML BRIDGE SCHEMATIC LAYOUT

REVISION	DATE	BY	CHKD



PRELIMINARY

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CP&I

ENGINEER: JOLIE ANNE SNYDER
 P.E. No. 134009 DATE: 8/7/2020

CP&I

TOTAL ESTIMATED INVENTORIES: \$28,120,000

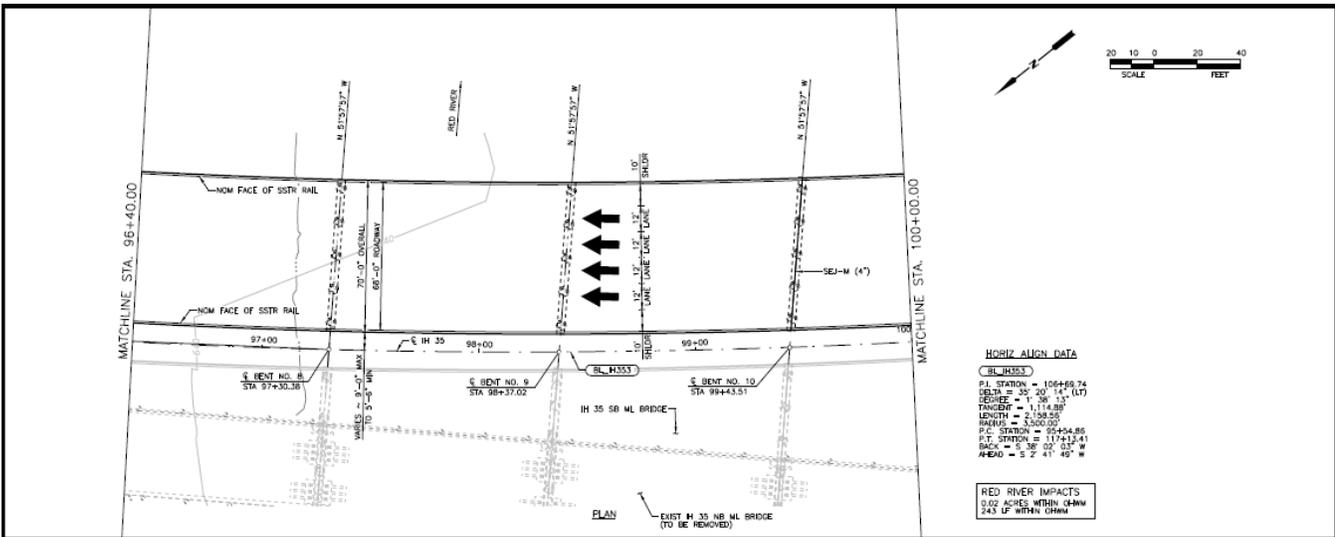
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IH 35 NB OVER RED RIVER
 SW-2015-133

PRELIMINARY IH 35 NB ML BRIDGE SCHEMATIC LAYOUT

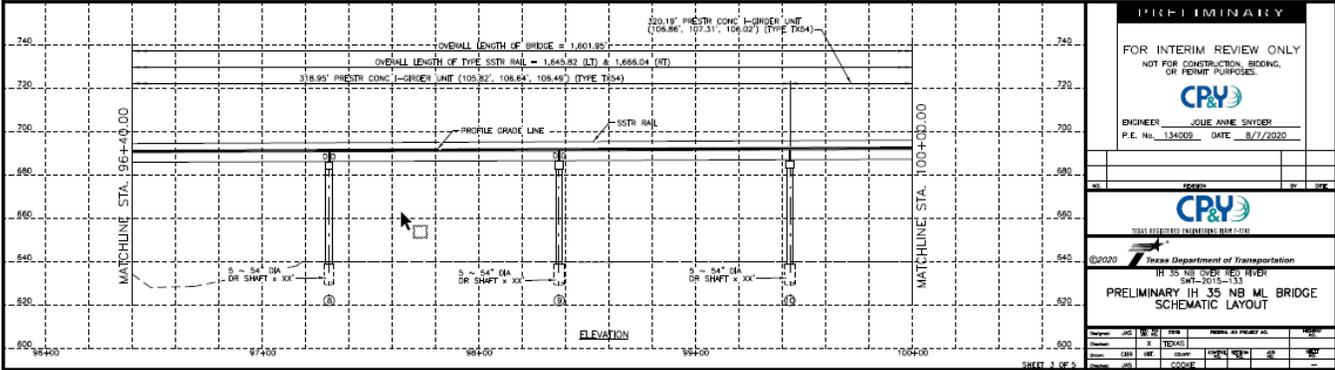
REVISION	DATE	BY	CHKD

SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
 Enclosure 2 of 18



HORIZ ALIGN DATA
CL IN3533
 P.I. STATION = 106+69.74
 DELTA = 35° 20' 14" (LT)
 LENGTH = 1,114.80'
 TANGENT = 2,108.55'
 RADIUS = 3,500.00'
 P.C. STATION = 104+54.86
 P.T. STATION = 117+13.41
 BACK = 5° 38' 02" (ST) W
 AHEAD = S 2° 41' 49" W

RED RIVER IMPACTS
 0.02 ACRES WITHIN CHWM
 243 LF WITHIN CHWM



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CP&U
 CONSULTING PROFESSIONAL SERVICE

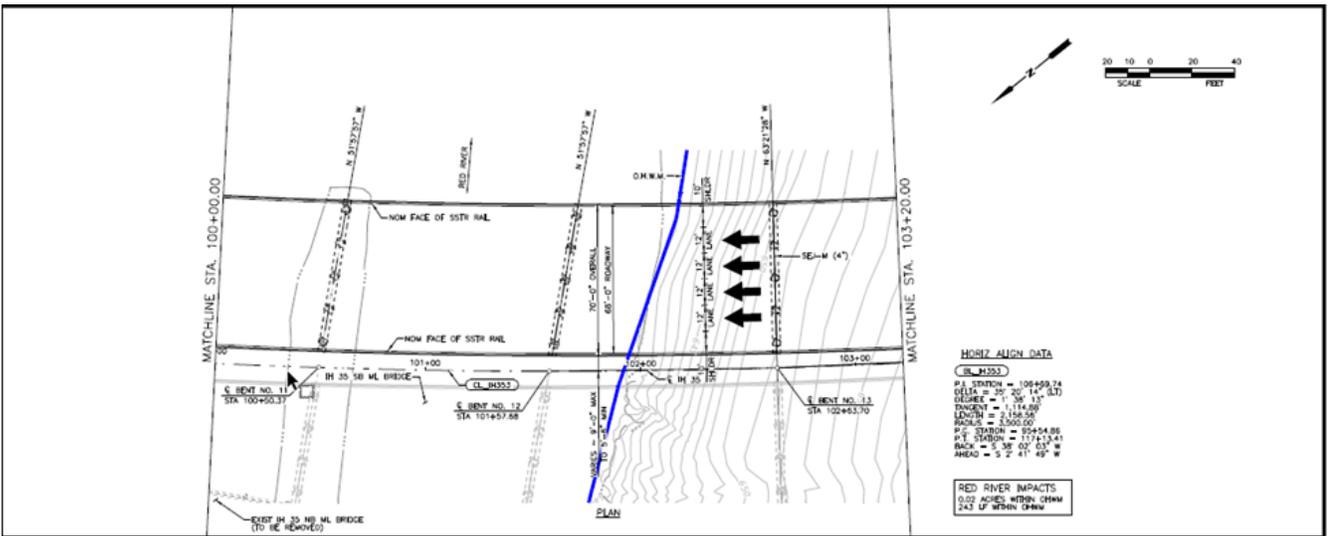
ENGINEER: **JOUE ANNE SIVCOFF**
 P.E. No. 134509 DATE: 8/7/2020

CP&U
 CONSULTING PROFESSIONAL SERVICE

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 IH 35 NB OVER RED RIVER
 SWT-2015-133

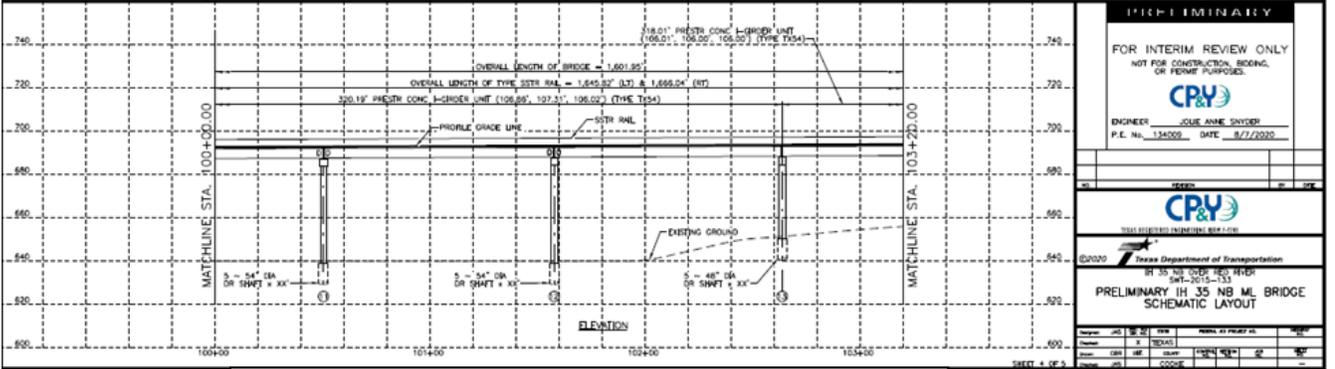
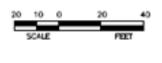
**PRELIMINARY IH 35 NB ML BRIDGE
 SCHEMATIC LAYOUT**

DATE	BY	CHKD	APP'D	REVISION
08/07/20	JAS	JAS	JAS	ISSUE FOR PERMIT
08/07/20	JAS	JAS	JAS	ISSUE FOR REVIEW



HORIZ ALIGN DATA
CL IN3533
 P.I. STATION = 106+69.74
 DELTA = 35° 20' 14" (LT)
 LENGTH = 1,114.80'
 TANGENT = 2,108.55'
 RADIUS = 3,500.00'
 P.C. STATION = 104+54.86
 P.T. STATION = 117+13.41
 BACK = 5° 38' 02" (ST) W
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RED RIVER IMPACTS
 0.02 ACRES WITHIN CHWM
 243 LF WITHIN CHWM



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CP&U
 CONSULTING PROFESSIONAL SERVICE

ENGINEER: **JOUE ANNE SIVCOFF**
 P.E. No. 134509 DATE: 8/7/2020

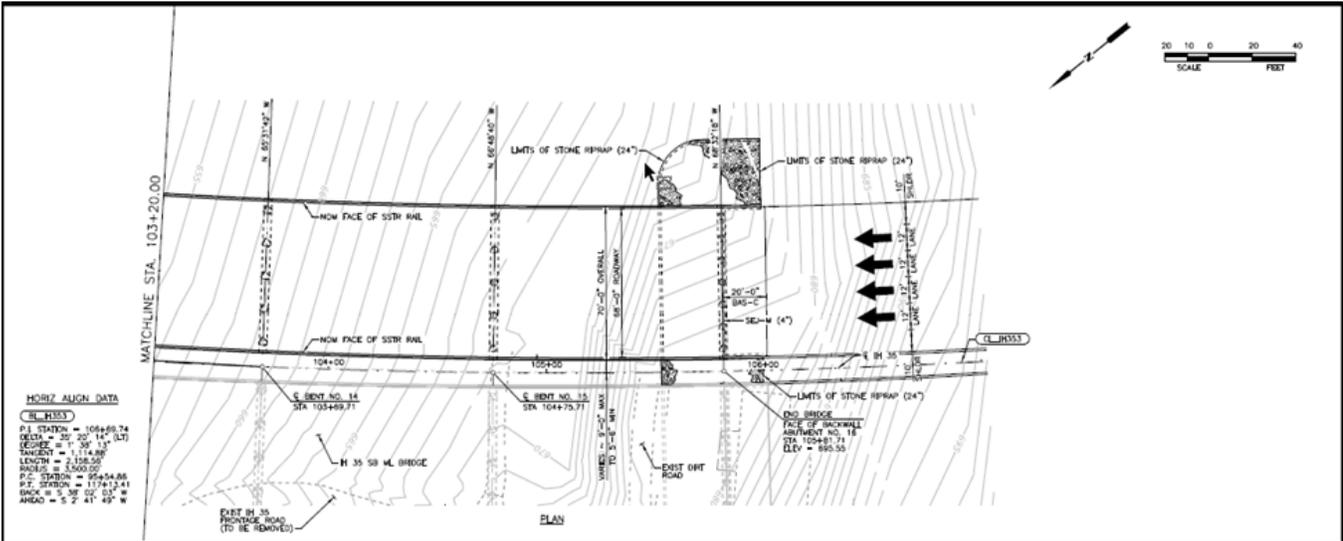
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 IH 35 NB OVER RED RIVER
 SWT-2015-133

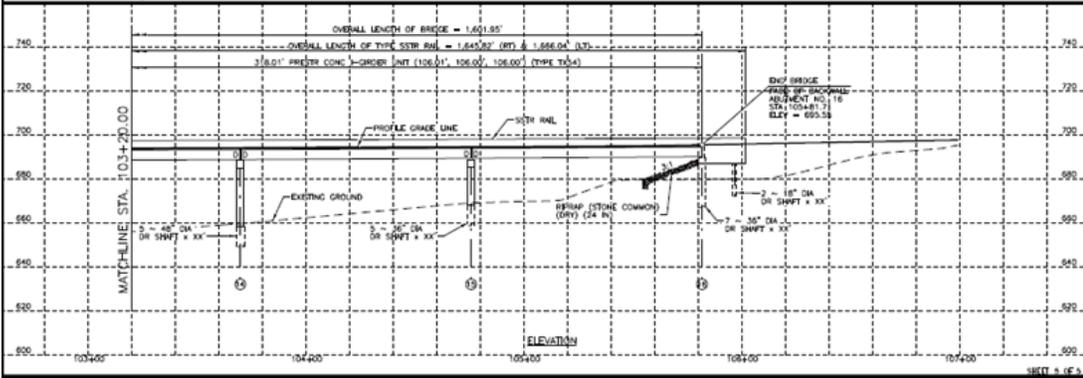
**PRELIMINARY IH 35 NB ML BRIDGE
 SCHEMATIC LAYOUT**

DATE	BY	CHKD	APP'D	REVISION
08/07/20	JAS	JAS	JAS	ISSUE FOR PERMIT
08/07/20	JAS	JAS	JAS	ISSUE FOR REVIEW

SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
 Enclosure 3 of 18



HORIZ ALIGN DATA
CL (H35)
 P.I. STATION = 104+69.74
 BEHA = 25.30' 14" (LT)
 LEGISE = 1' 30" 13"
 TANGEN = 1' 14' 48"
 LENGTH = 2,126.50'
 RADIUS = 5,000.00'
 P.C. STATION = 95+54.86
 P.T. STATION = 111+112.41
 BACK S = 5.38' 02' 03" W
 ANGLE = 5 2' 41' 49" W



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 OR PERMIT PURPOSES.

CP&Y

ENGINEER: JUSIE ANNE SHIVERS
 P.E. No. 134009 DATE: 8/7/2020

CP&Y

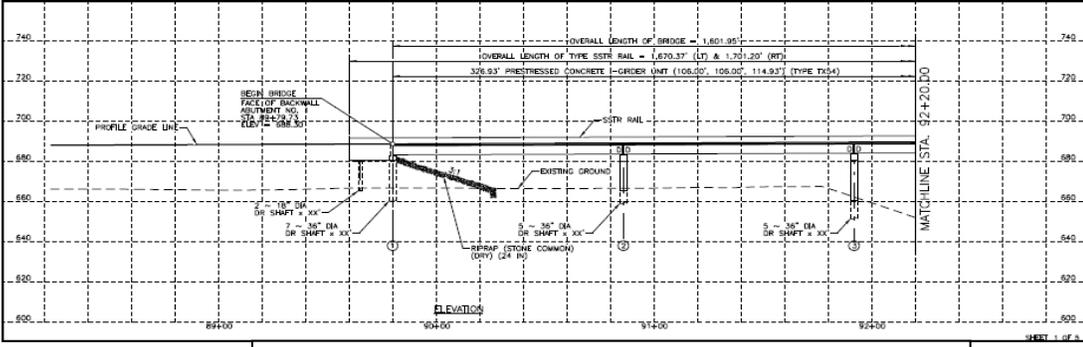
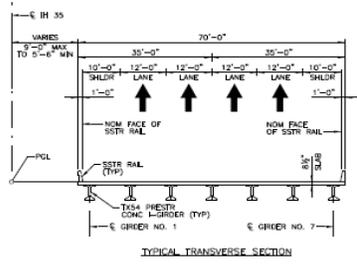
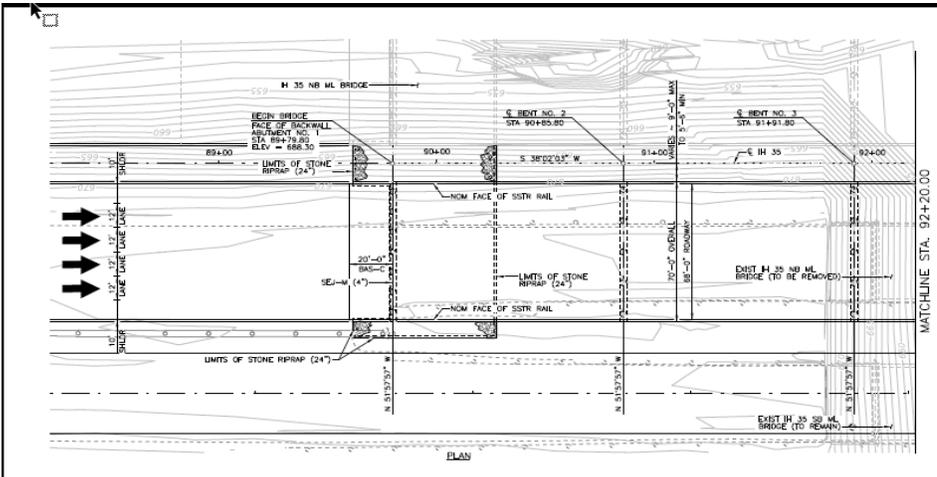
TEXAS REGISTERED PROFESSIONAL ENGINEER

EQ2020 Texas Department of Transportation

IH 35 NB OVER RED RIVER
 SWT-2015-133

**PRELIMINARY IH 35 NB ML BRIDGE
 SCHEMATIC LAYOUT**

Author	JAS	SE	2/1	DATE	8/7/2020	BY	JAS
Checker	AL	MR	2/1	DATE	8/7/2020	BY	AL
Designer	JAS	MR	2/1	DATE	8/7/2020	BY	JAS



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CP&Y

ENGINEER: JUSIE ANNE SHIVERS
 P.E. No. 134009 DATE: 8/7/2020

CP&Y

TEXAS REGISTERED PROFESSIONAL ENGINEER

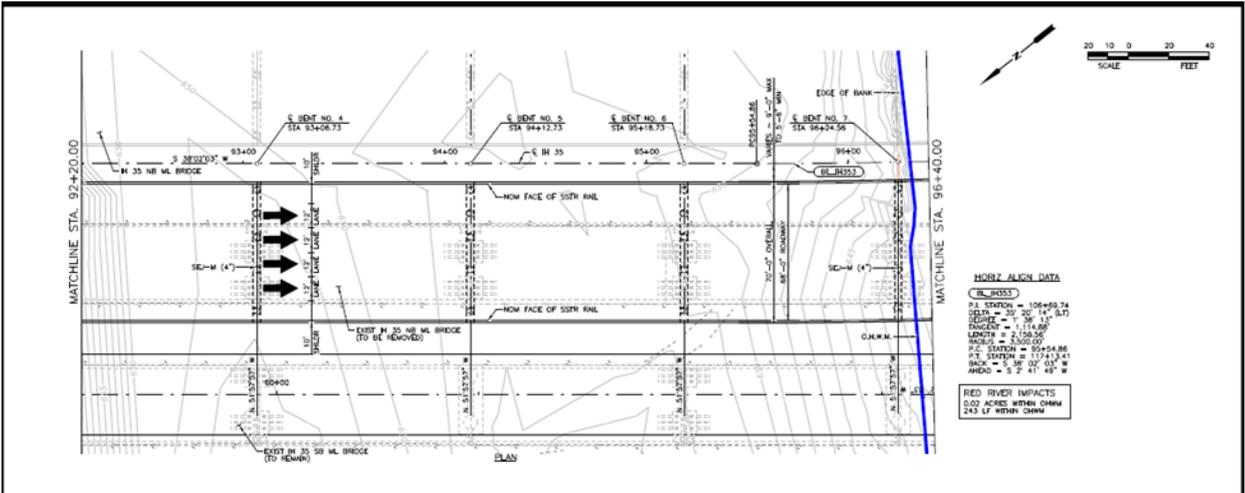
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IH 35 NB OVER RED RIVER
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**PRELIMINARY IH 35 NB ML BRIDGE
 SCHEMATIC LAYOUT**

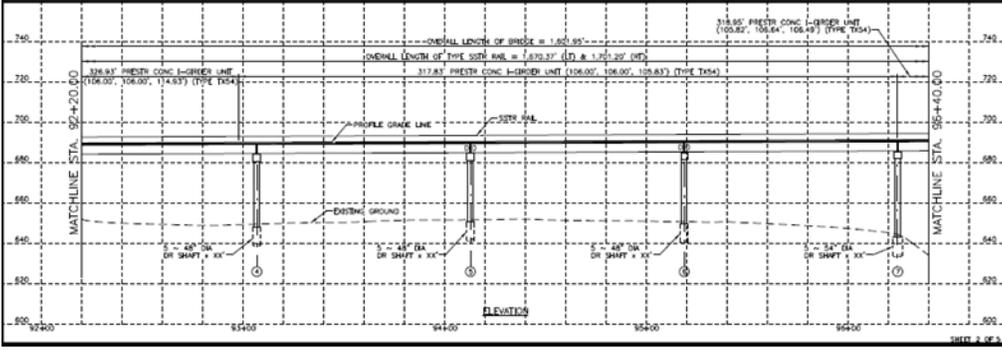
Author	JAS	SE	2/1	DATE	8/7/2020	BY	JAS
Checker	AL	MR	2/1	DATE	8/7/2020	BY	AL
Designer	JAS	MR	2/1	DATE	8/7/2020	BY	JAS

SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
 Enclosure 4 of 18



HORIZ. ALIGN DATA
(E. HISS)
 P.A. STATION = 106+69.74
 DELTA = 20° 20' 14" (LT)
 CHORD = 114.89
 TANGENT = 21.58
 LENGTH = 21.58
 BACKSIGHT = 21.58
 P.C. STATION = 92+20.00
 P.T. STATION = 114+33.00
 BACK = 5.38
 W. BEARING = S 2° 41' 48" W
 W. DISTANCE = 5.38

RED RIVER IMPACTS
 0.02 ACRES WITHIN CHWM
 243 LF WITHIN CHWM



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CP&I

ENGINEER: JULIE ANNE SHIVERS
 P.E. NO. 134509 DATE: 8/7/2020

DESIGNER: CP&I

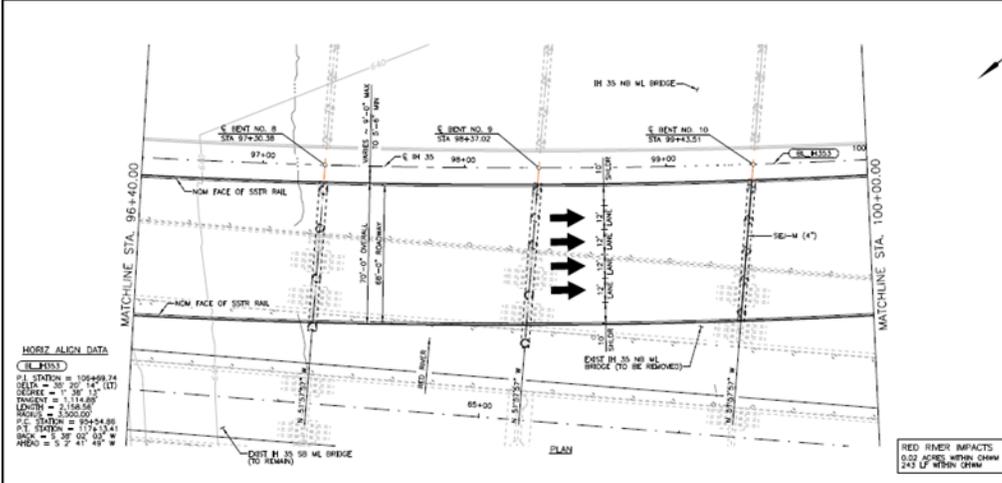
ISSUE TRACKING

CP&I

Texas Department of Transportation
 SW-2015-133

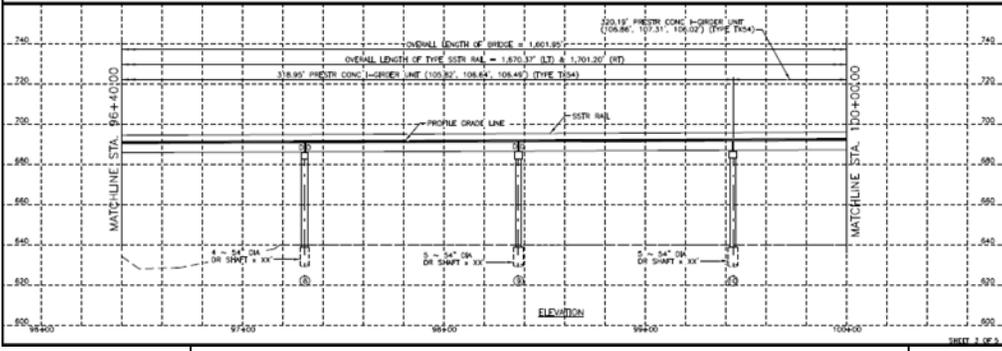
**PRELIMINARY IH 35 SB ML BRIDGE
 SCHEMATIC LAYOUT**

NO.	DATE	BY	REVISION
1	8/7/2020	JAS	ISSUED FOR PERMITS
2	8/7/2020	JAS	ISSUED FOR PERMITS
3	8/7/2020	JAS	ISSUED FOR PERMITS



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 0.02 ACRES WITHIN CHWM
 243 LF WITHIN CHWM



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 NOT FOR CONSTRUCTION, BIDDING,
 OR PERMITS PURPOSES.

CP&I

ENGINEER: JULIE ANNE SHIVERS
 P.E. NO. 134509 DATE: 8/7/2020

DESIGNER: CP&I

ISSUE TRACKING

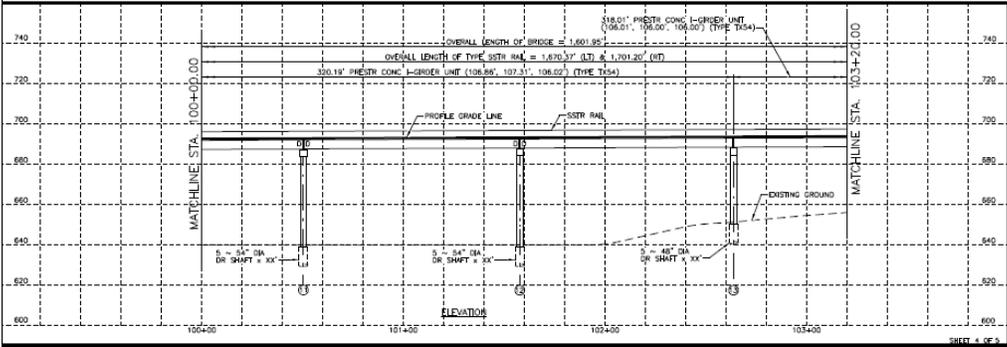
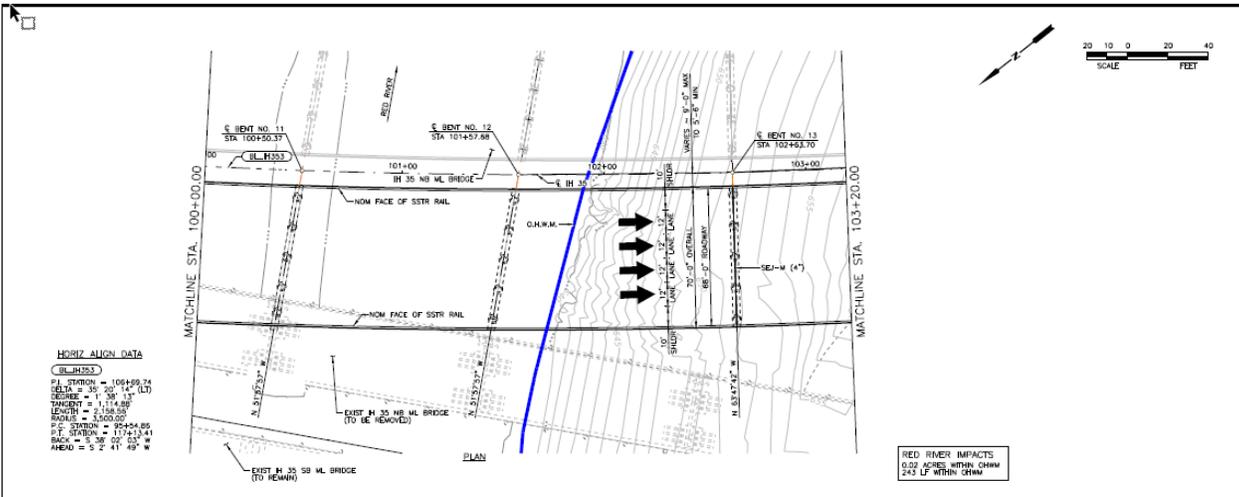
CP&I

Texas Department of Transportation
 SW-2015-133

**PRELIMINARY IH 35 SB ML BRIDGE
 SCHEMATIC LAYOUT**

NO.	DATE	BY	REVISION
1	8/7/2020	JAS	ISSUED FOR PERMITS
2	8/7/2020	JAS	ISSUED FOR PERMITS
3	8/7/2020	JAS	ISSUED FOR PERMITS

SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
 Enclosure 5 of 18



PRELIMINARY

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CP&Y

ENGINEER: JOLIE ANNE SNEYDER
 P.E. No. 134069 DATE: 8/7/2020

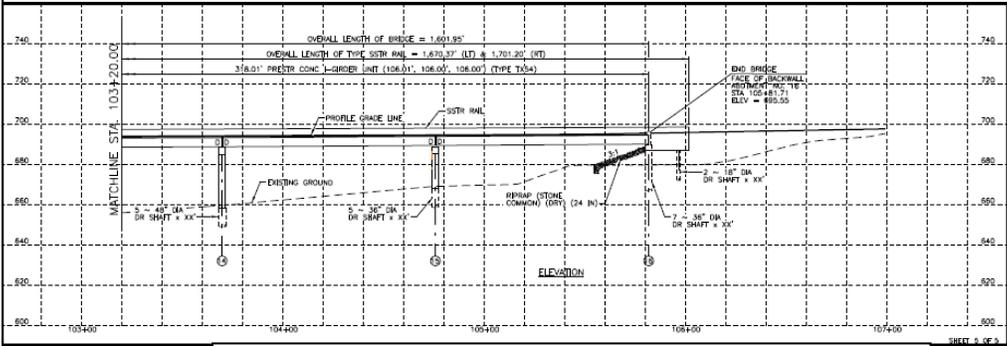
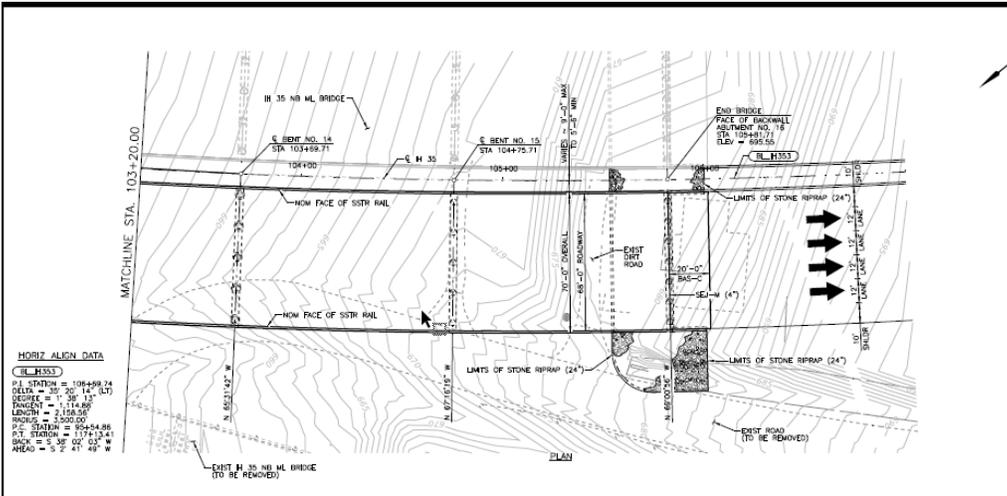
STATE REGISTERED PROFESSIONAL ENGINEER

Texas Department of Transportation
 IH 35 SB OVER RED RIVER
 SWT-2015-133

**PRELIMINARY IH 35 SB ML BRIDGE
 SCHEMATIC LAYOUT**

NO.	DATE	BY	CHKD	REVISION
1	8/7/2020	JAS	AS	ISSUE FOR REVIEW

SHEET 4 OF 5



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CP&Y

ENGINEER: JOLIE ANNE SNEYDER
 P.E. No. 134069 DATE: 8/7/2020

STATE REGISTERED PROFESSIONAL ENGINEER

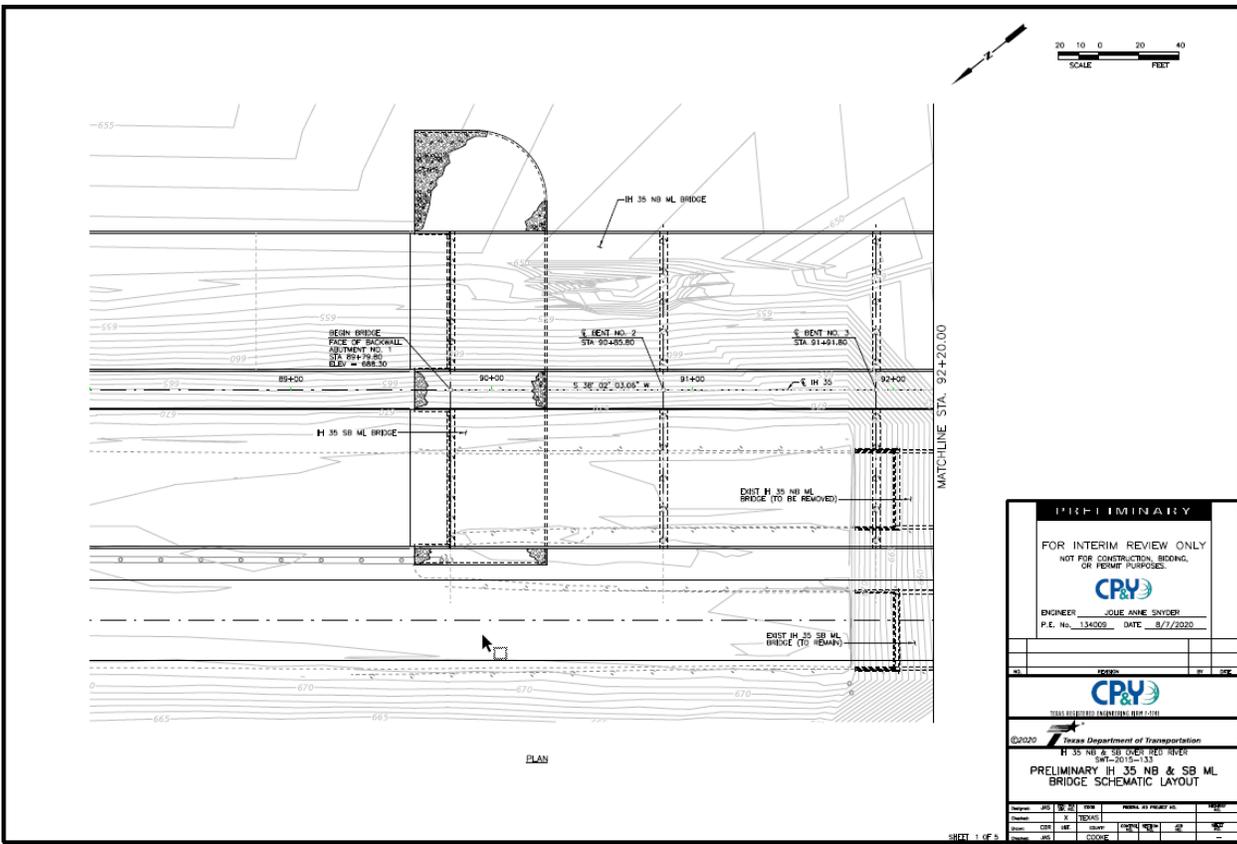
Texas Department of Transportation
 IH 35 SB OVER RED RIVER
 SWT-2015-133

**PRELIMINARY IH 35 SB ML BRIDGE
 SCHEMATIC LAYOUT**

NO.	DATE	BY	CHKD	REVISION
1	8/7/2020	JAS	AS	ISSUE FOR REVIEW

SHEET 5 OF 5

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 TXDOT
 Red River, including multiple stream channels
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CP&J

ENGINEER: JOLIE ANNE SINGER
P.E. No. 134509 DATE: 8/27/2020

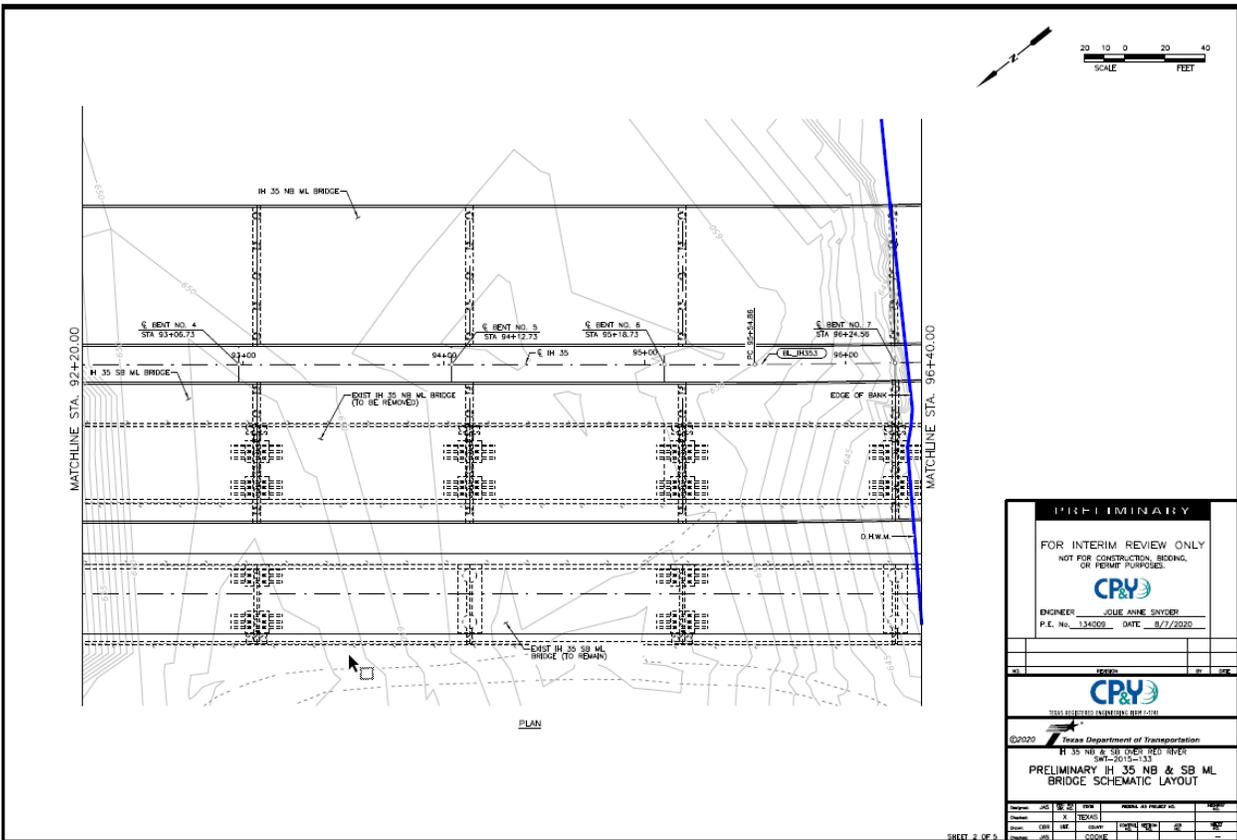
CP&J

2025 REGISTERED PROFESSIONAL ENGINEER

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**PRELIMINARY IH 35 NB & SB ML
BRIDGE SCHEMATIC LAYOUT**

NO.	REV.	DATE	BY	CHK.



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CP&J

ENGINEER: JOLIE ANNE SINGER
P.E. No. 134509 DATE: 8/27/2020

CP&J

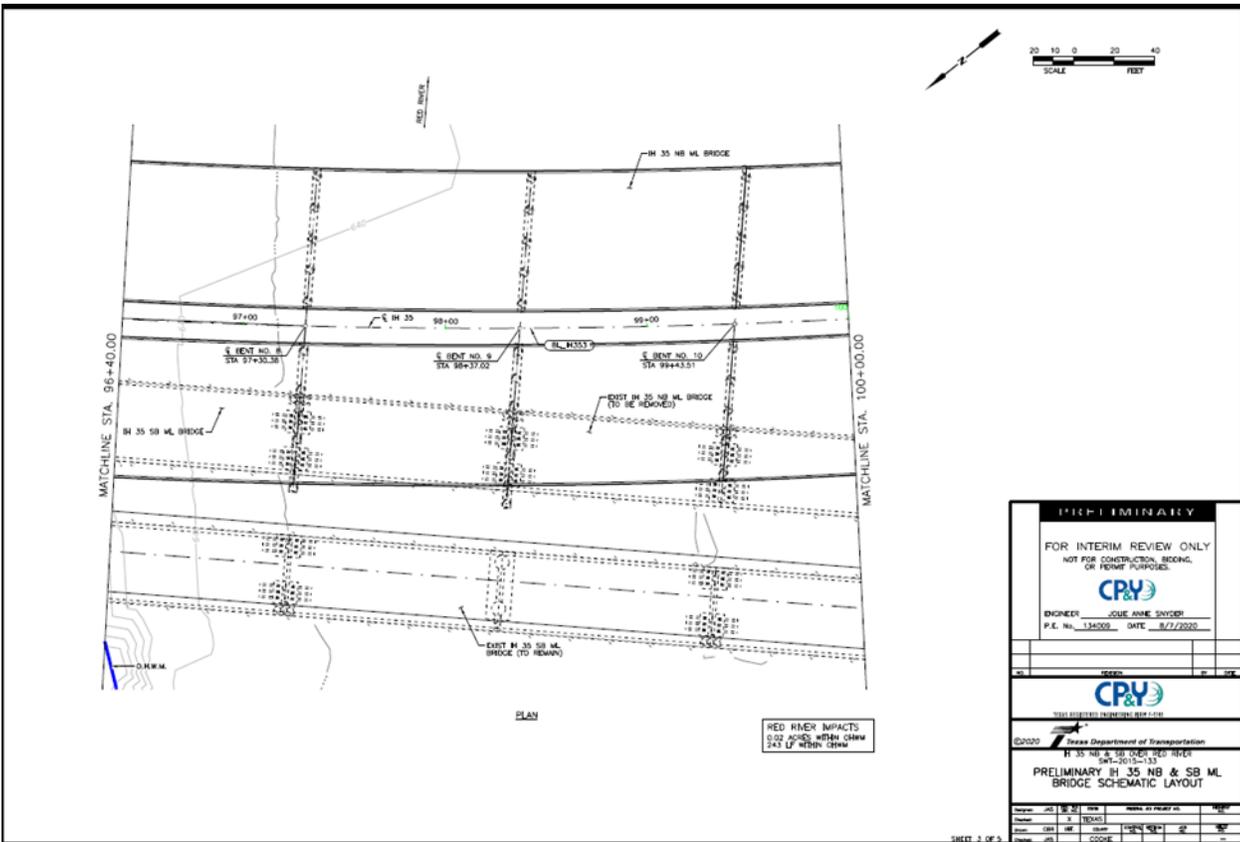
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IH 35 NB & SB OVER RED RIVER
SWT-2015-133

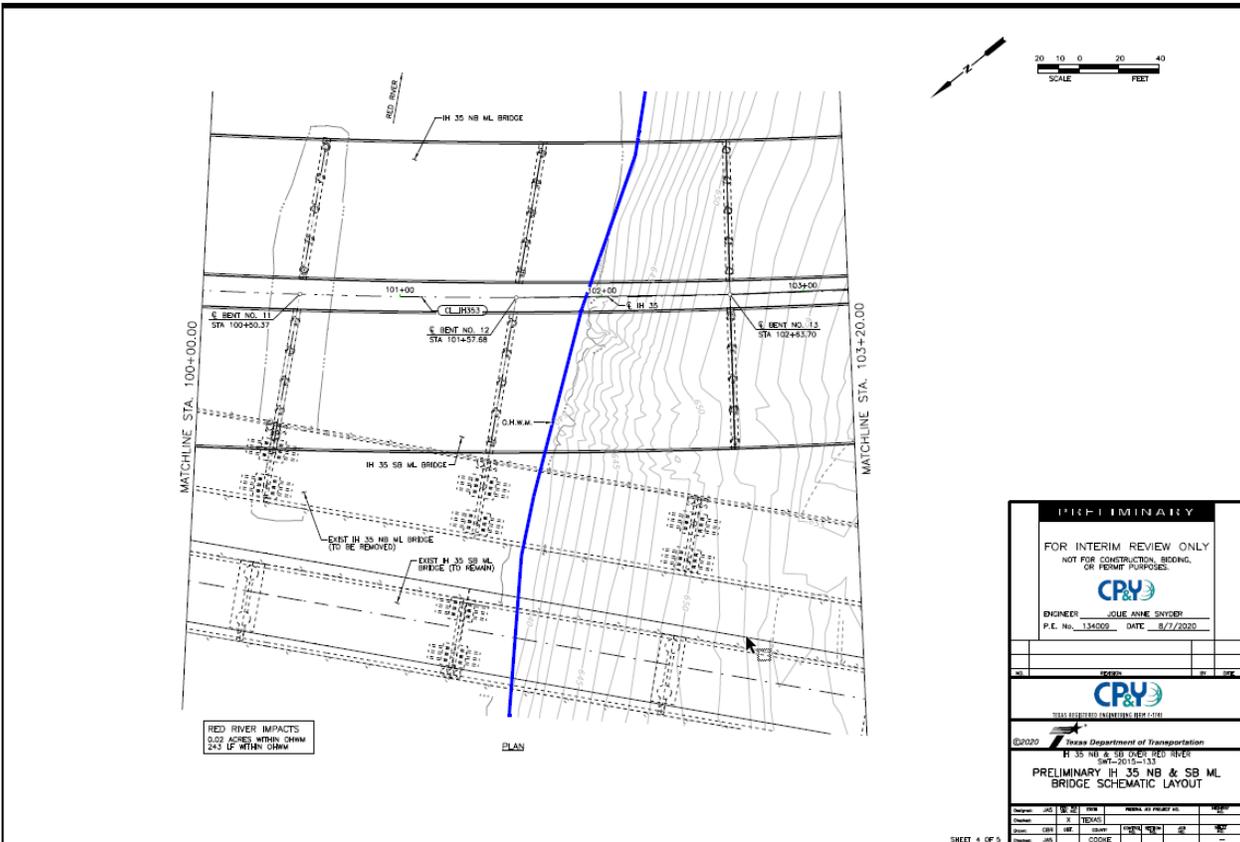
**PRELIMINARY IH 35 NB & SB ML
BRIDGE SCHEMATIC LAYOUT**

NO.	REV.	DATE	BY	CHK.

SWT-2015-133
TXDOT
Red River, including multiple stream channels
IH 35, Cooke County Texas and Love County Oklahoma
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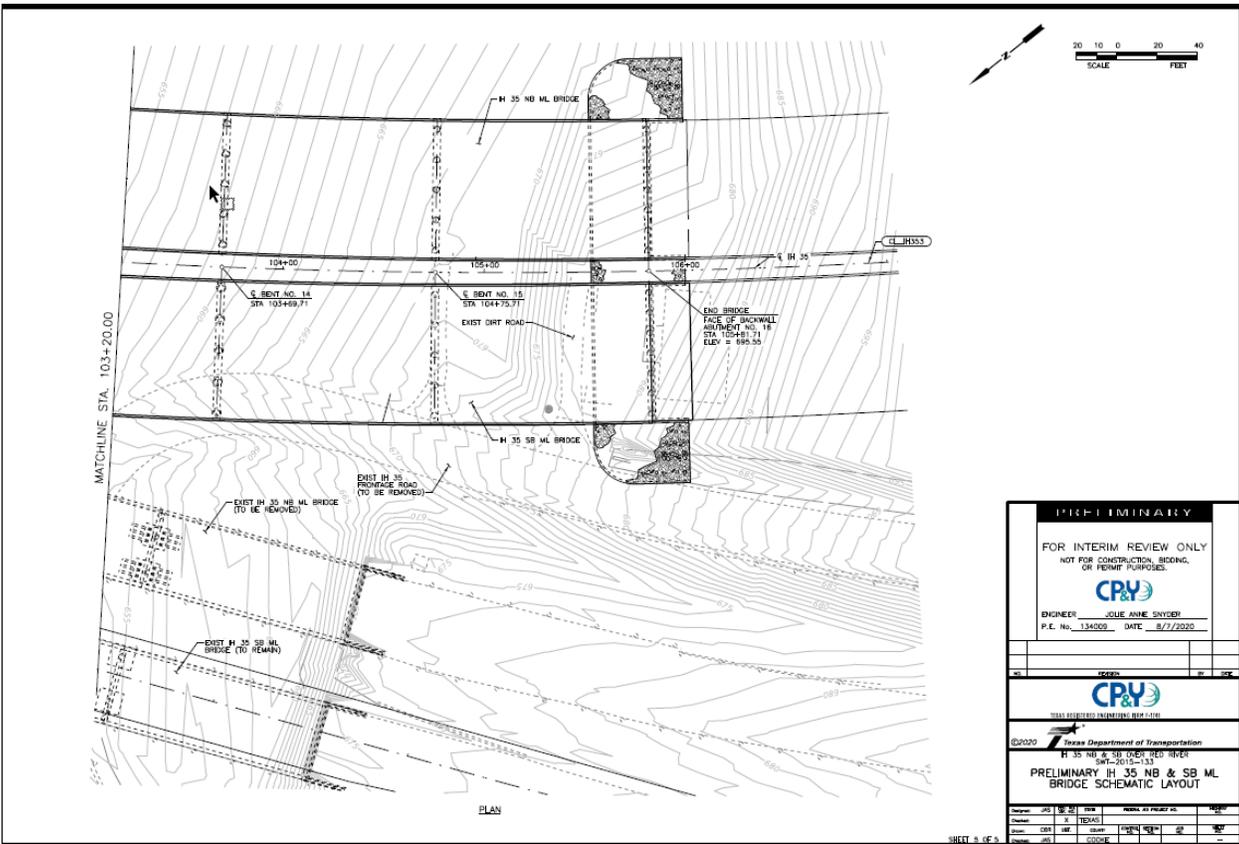


SHEET 3 OF 5



SHEET 4 OF 5

SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
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CP&Y

ENGINEER: JULIE ANNE SNEYDE
P.E. No. 134009 DATE: 8/7/2020

CP&Y

REGISTERED ENGINEERING SURVEYORS

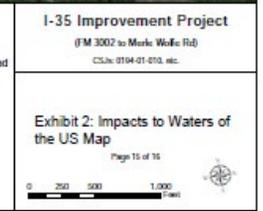
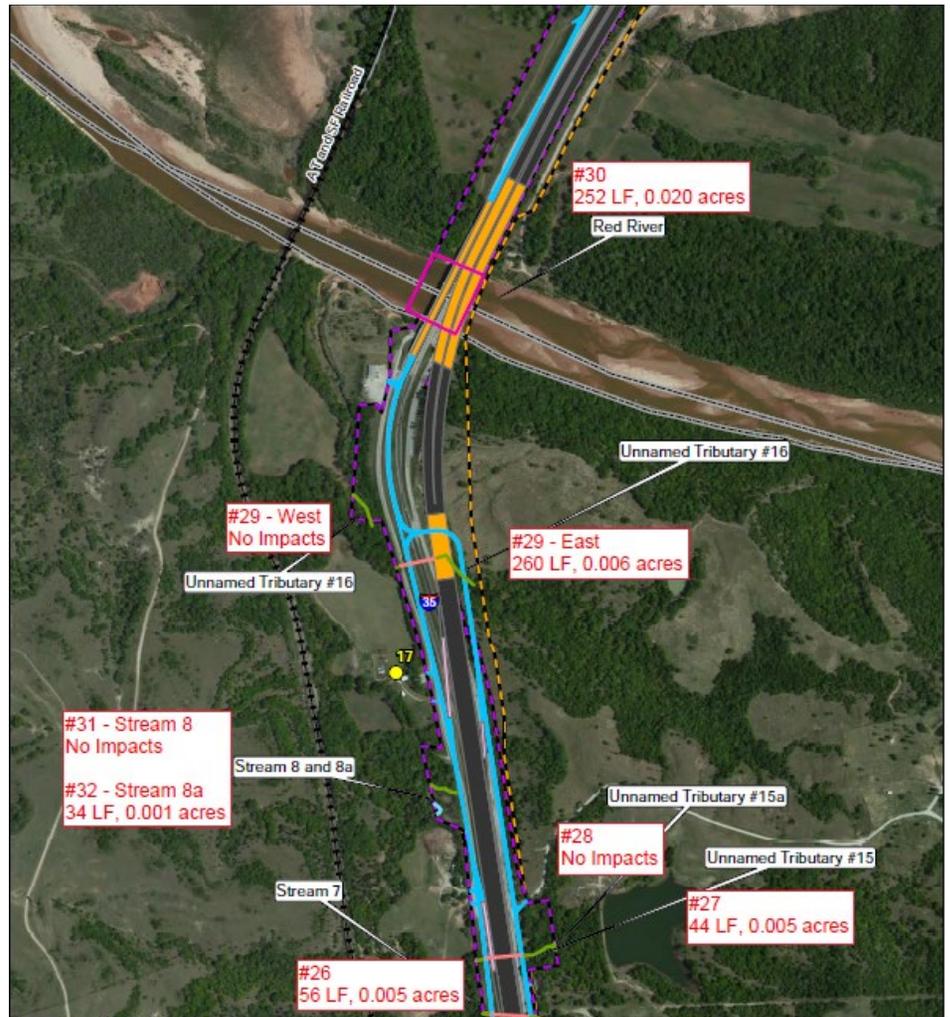
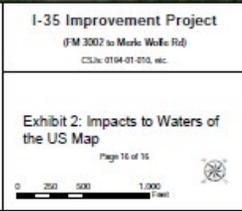
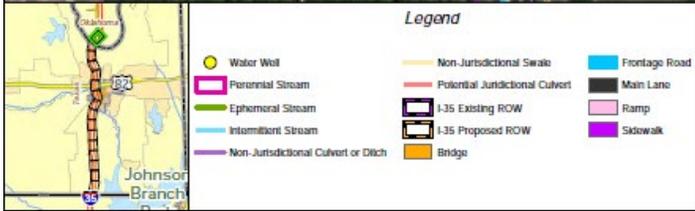
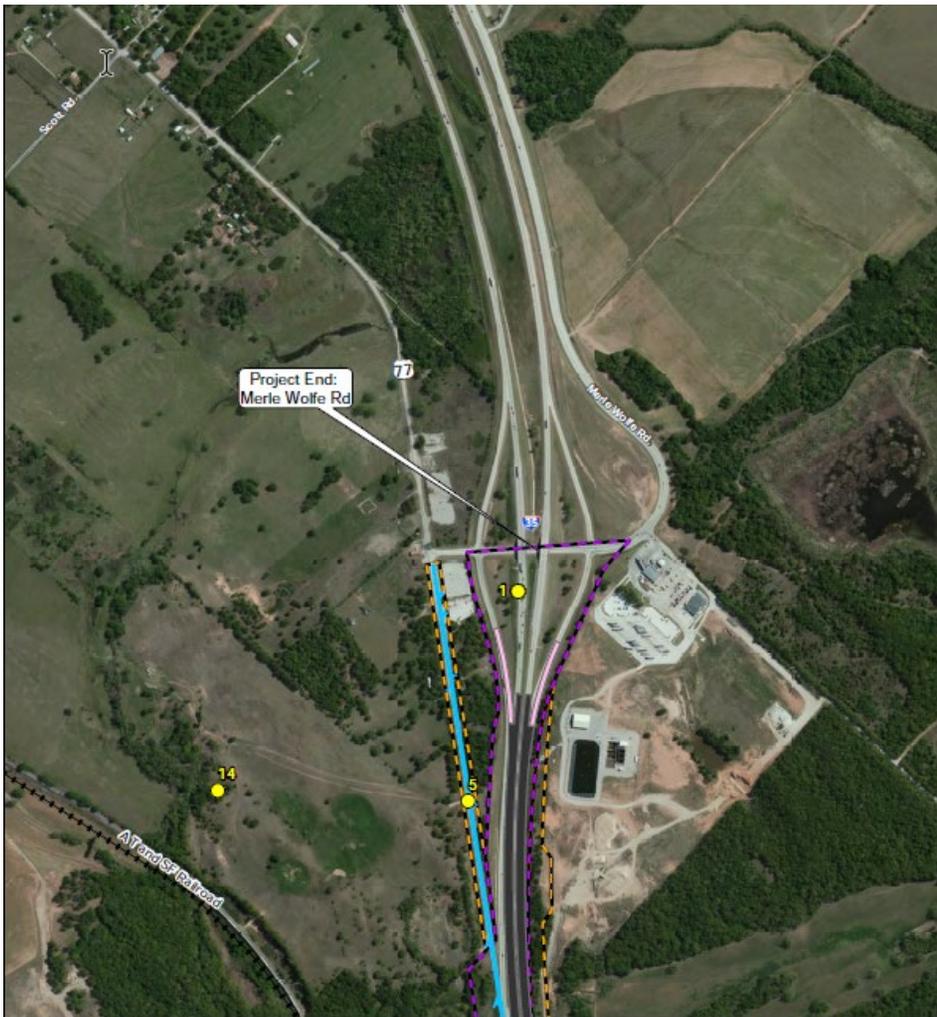
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IH 35 NB & SB OVER RED RIVER
SWT-2015-133

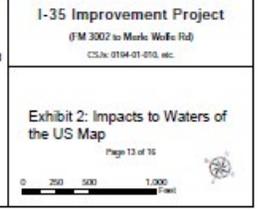
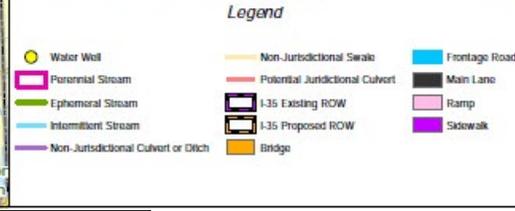
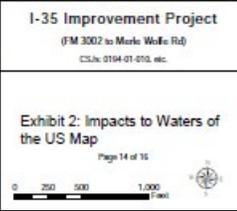
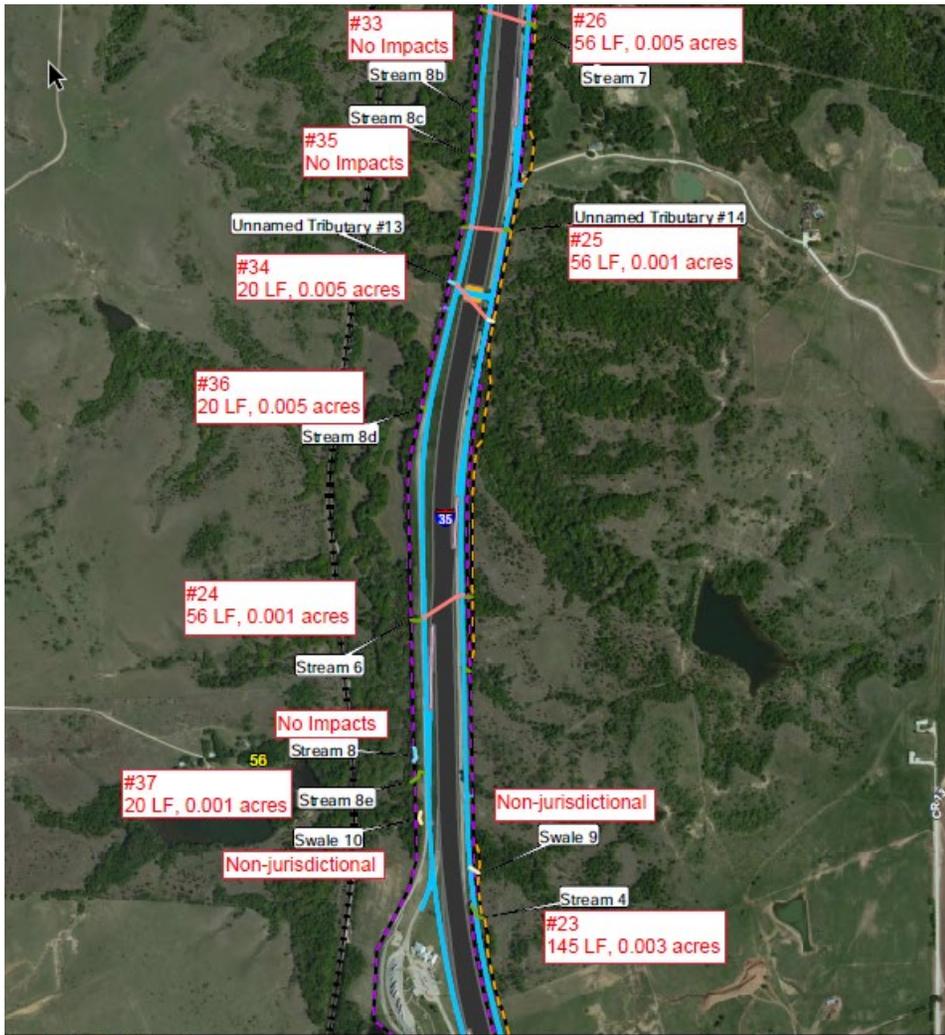
**PRELIMINARY IH 35 NB & SB ML
BRIDGE SCHEMATIC LAYOUT**

Drawn: JLS	Checked: JLS	Date: 8/7/2020	Project: IH 35 NB & SB OVER RED RIVER
Scale: 1"=40'	Sheet: 18	Notes: SEE SHEET 17	Revision: 01

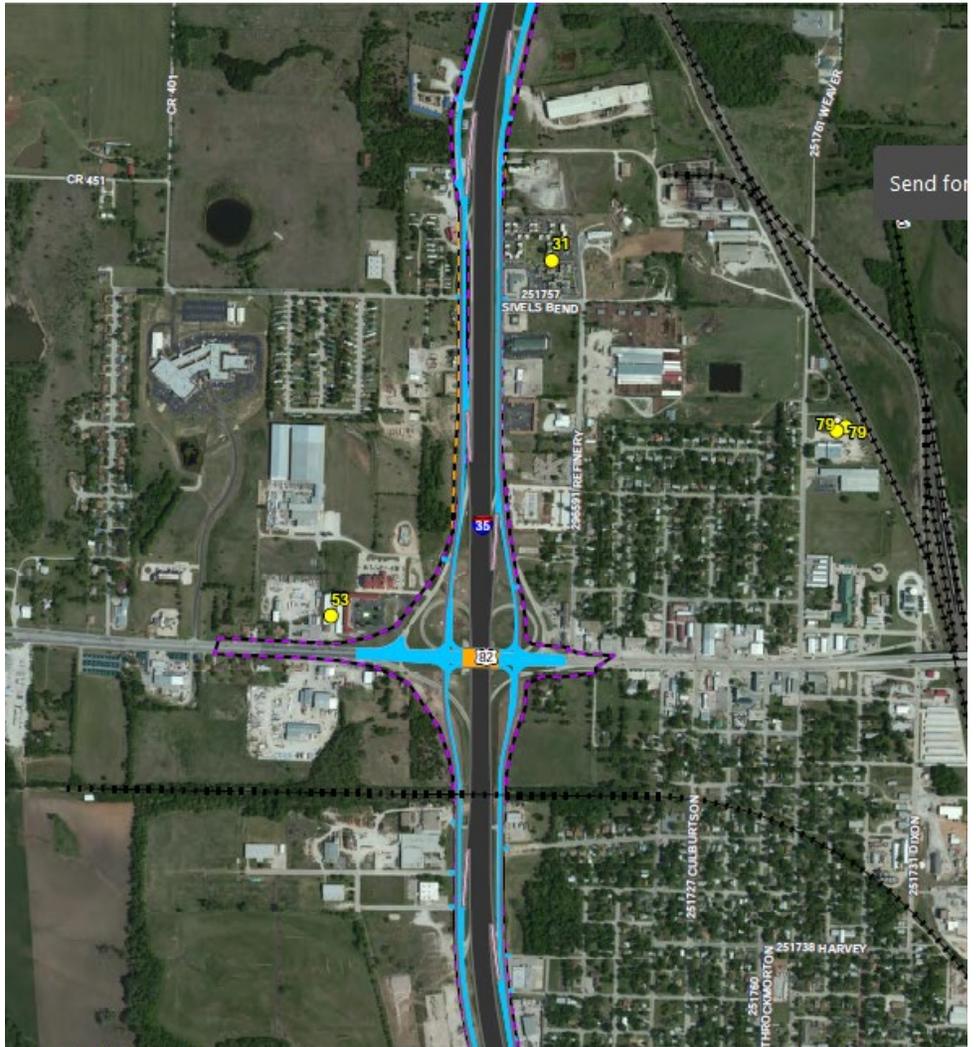
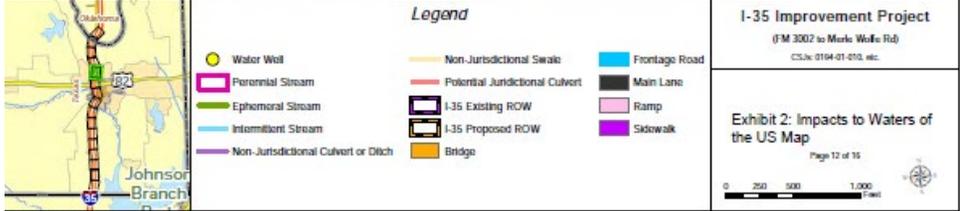
SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
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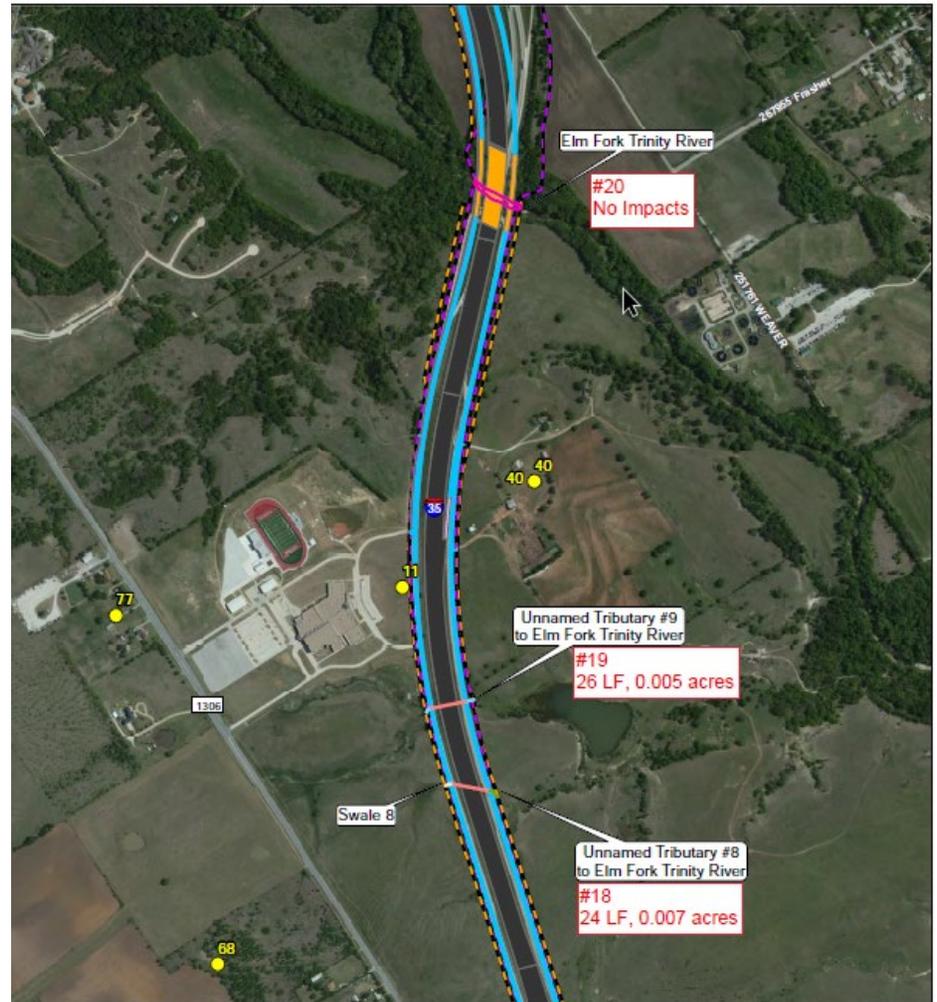
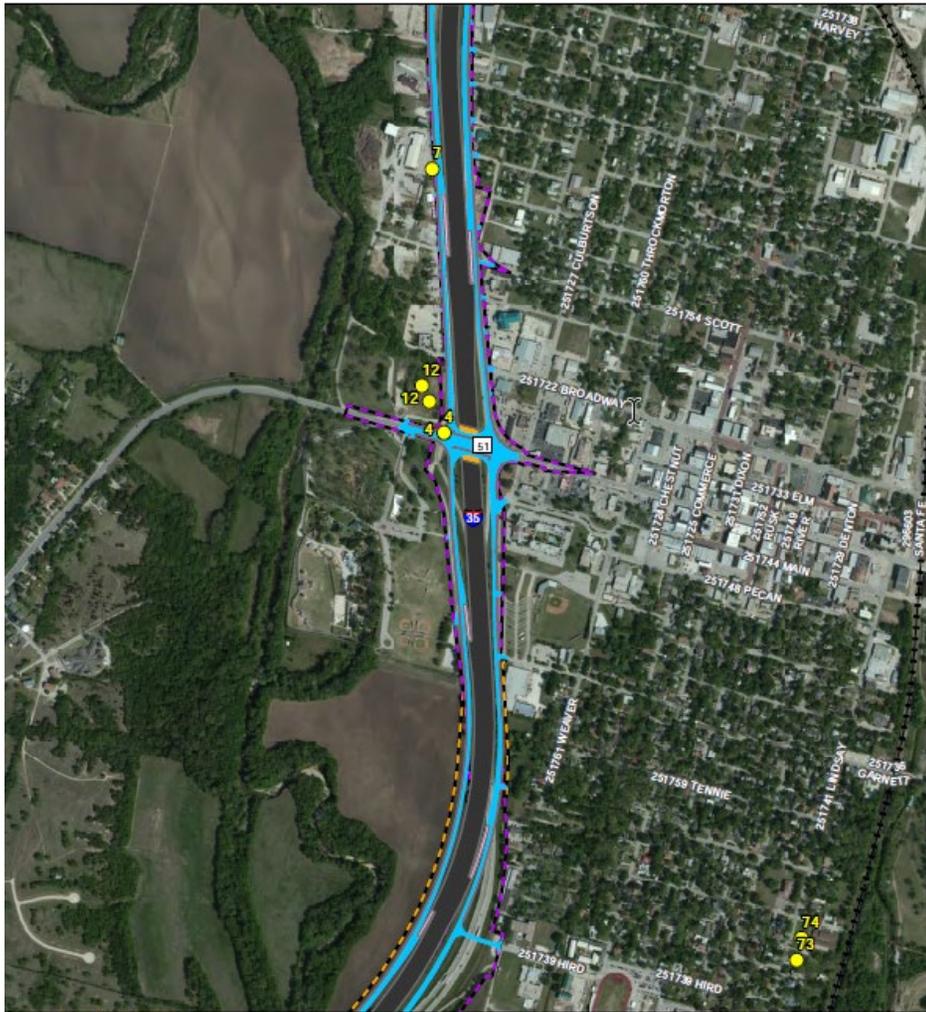
SWT-2015-133
TXDOT
Red River, including multiple stream channels
IH 35, Cooke County Texas and Love County Oklahoma
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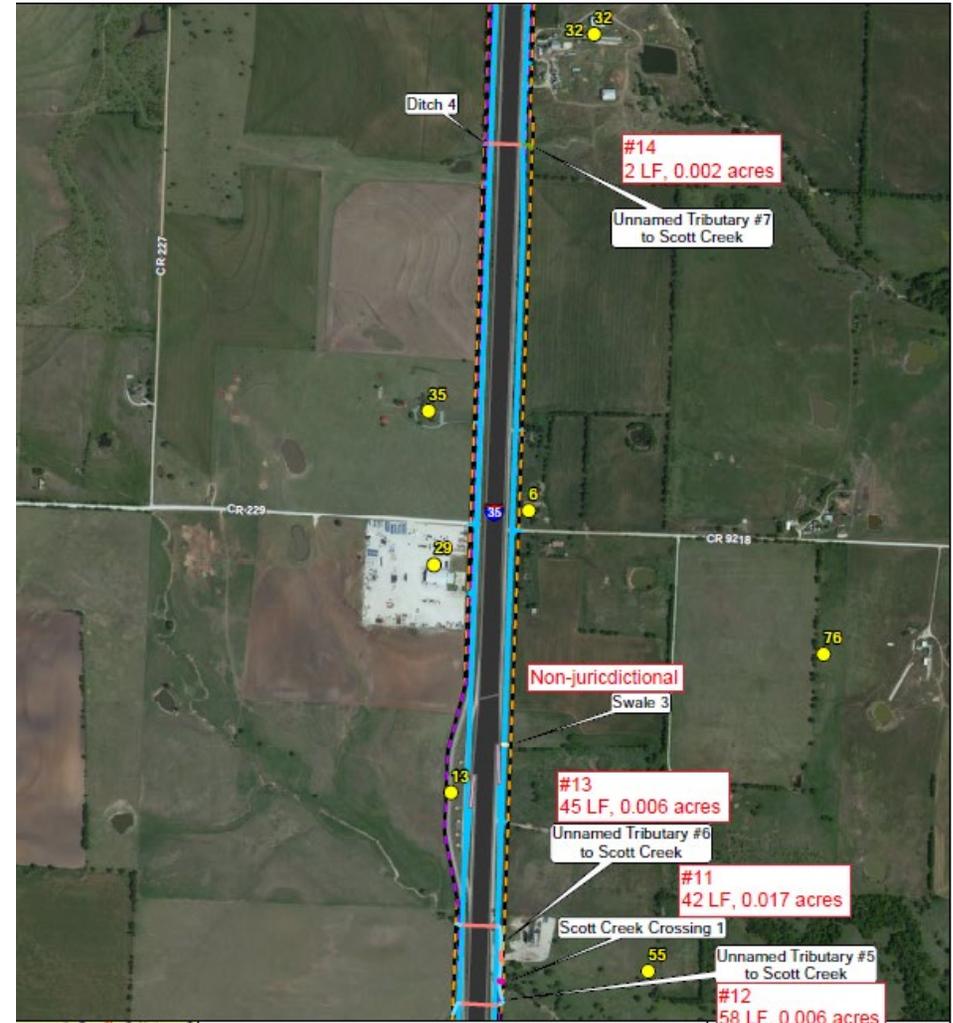
SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
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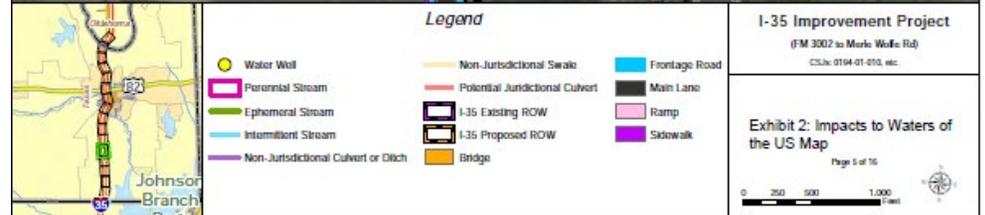
SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
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SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
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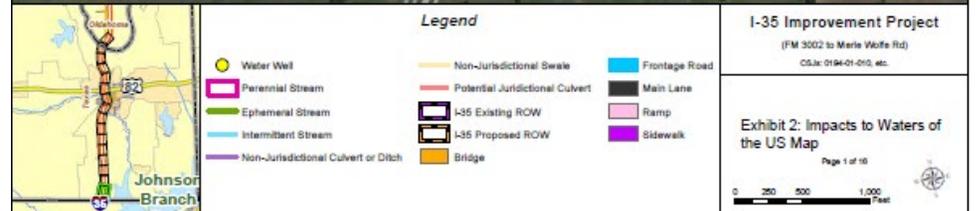
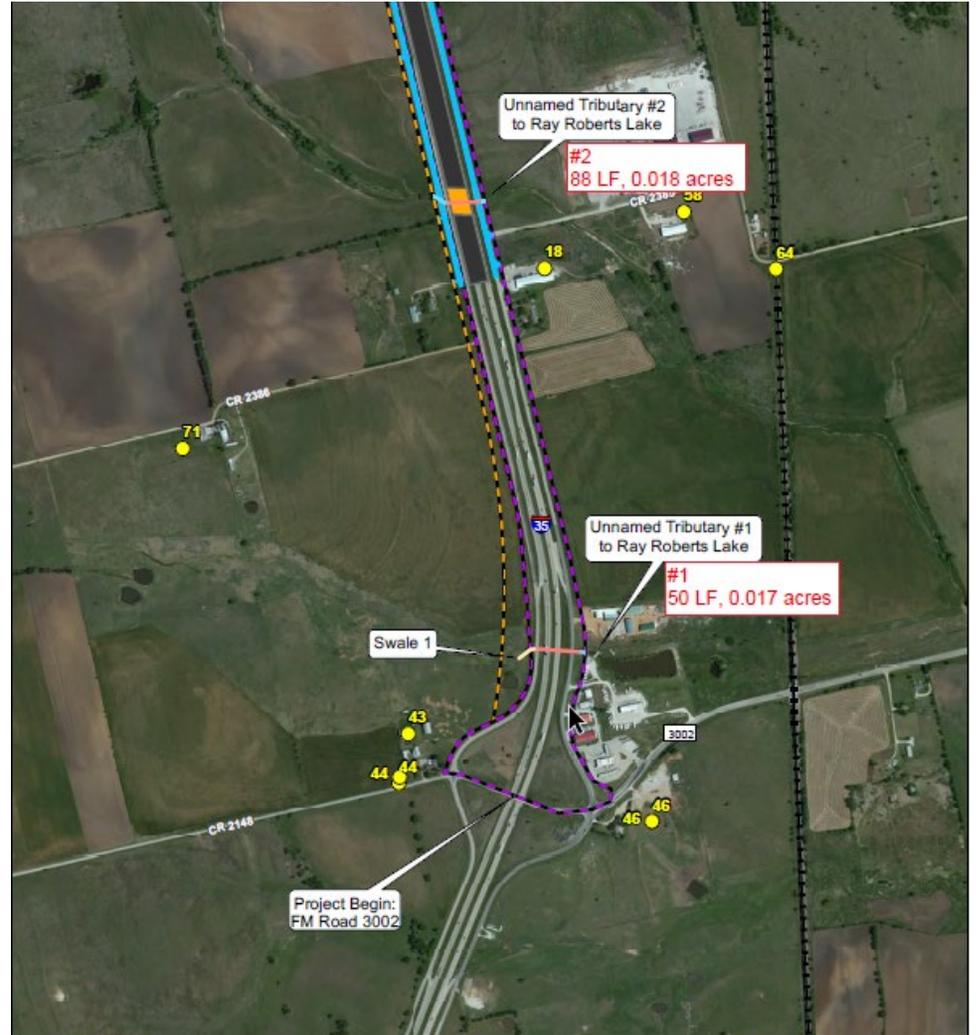
SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
 IH 35, Cooke County Texas and Love County Oklahoma
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SWT-2015-133
 TXDOT
 Red River, including multiple stream channels
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SWT-2015-133
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