ARKANSAS DEPARTMENT OF TRANSPORTATION

SCOTT E. BENNETT, P.E. - DIRECTOR

CONCEPT EXHIBIT

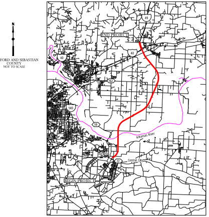
I-49 PROJECT
CRAWFORD AND SEBASTIAN COUNTIES

I-49
FROM HIGHWAY 22 TO INTERSTATE 40

PROJECT LENGTH - 14.3 MILES

ROADWAY TYPE	DESIGN SPEED
MAIN LANES	70 MPH
DIRECT CONNECTORS	40 MPH - 50 MPH
DIAGONAL/DIRECTIONAL RAMPS	40 MPH - 50 MPH
LOOP RAMPS	30 MPH - 35 MPH
CROSS STREETS	40 MPH

I-49 PROJECT
HIGHWAY CLASSIFICATION
URBAN FREEWAY


N
END PROJECT
BEGIN PROJECT
49
Arkansas River
Central City

CRAWFORD AND SEBASTIAN COUNTY
NOT TO SCALE

PRELIMINARY SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.

LEGEND

🟨	Main Lanes
🟥	Direct Connector
🟩	Cross-Streets
🟦	Ramps (Diagonal/Directional/Loop)
🟫	Concrete Bridge Structure
🟫	Steel Bridge Structure
- - -	Bridge Substructure
- - - -	Existing Storm Drain
—	Proposed Storm Drain
⬜	Bicycle / Pedestrian
⬛	Driveway / Cul-De-Sac
🟪	Potential Impacts
🟦	Zone A / AE Floodplain
⬜	Zone X Floodplain
▨	Zone AE Floodway
🟪	Cemetery
- · -	Existing STATE ROW
- · -	Proposed Construction Limits
— · —	Proposed Centerline / Baseline
▬	Proposed Retaining Wall
🟩	Project By Others
▩	Drainage Easement
—	Property Line
▩	Removal

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

DATE APPROVED ______

DATE SUBMITTED ______

DATE REVISED ______

0 100 200
HORIZONTAL

DATE: APRIL 26, 2018
PREPARED BY HNTB
UNDER THE SUPERVISION OF:
RUSSELL K. OZMER, P.E.

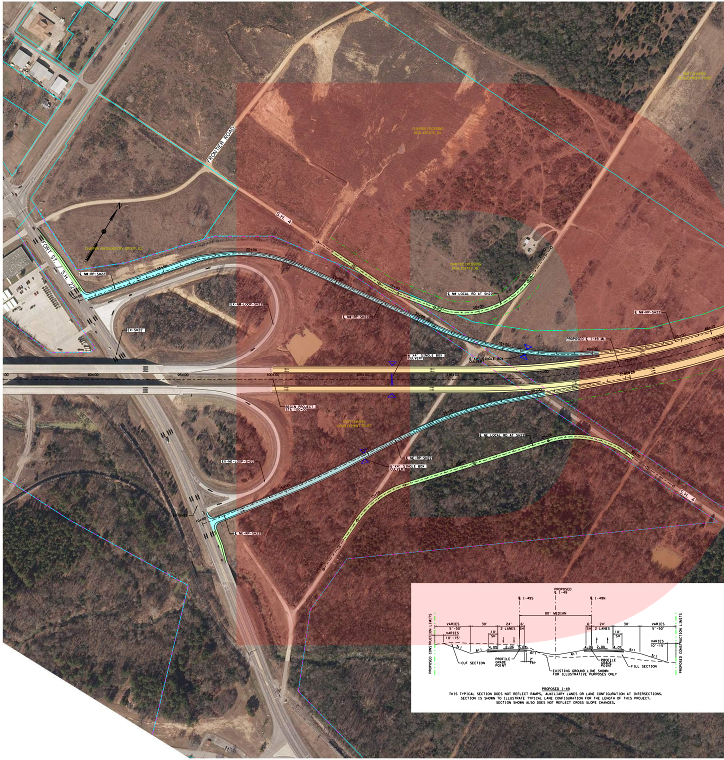
LICENSE NO. 17220

TABLE OF CONTENTS:

PLAN VIEW — ROLL 1-4

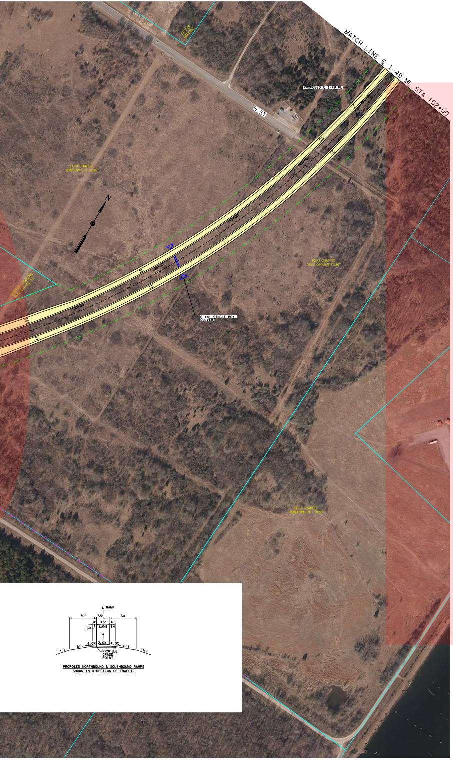
SHEET 1 OF 4

HNTB Corporation
The HNTB Companies
Engineers Architects Planners

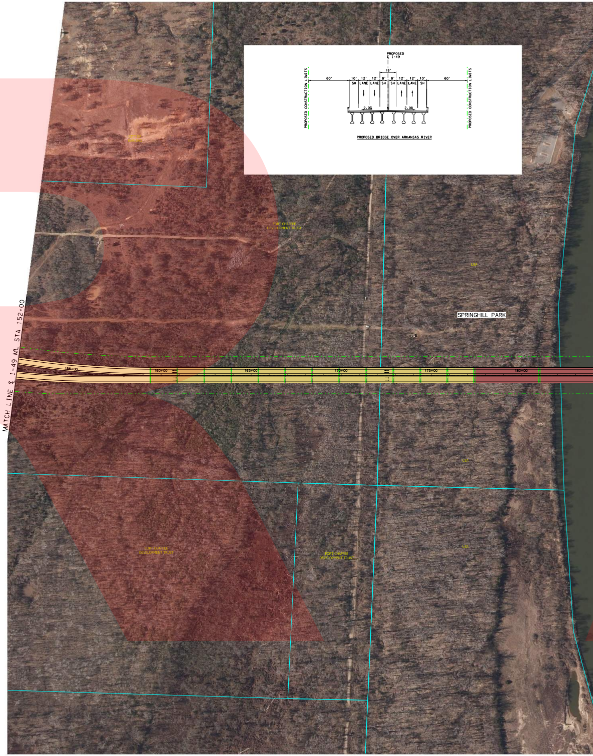

N
FRONTIER ROAD
S.H. 4
FORT ST. / S.H. 22
CHAFFEE CROSSING DEV GROUP, LLC
CHAFFEE CROSSING REAL ESTATE, IN.
FORT CHAFFEE DEVELOPMENT TRUST
℄ NW-RP-SH22
EX-NW-LOOP-SH22
EX-SH22
℄ NW LOCAL RD AT SH22
PROPOSED ℄ I-49 ML
6'X4' SINGLE BOX CULVERT
BEGIN PROJECT STA 100+00
EX-NE-LOOP-SH22
℄ NE-RP-SH22
℄ NE LOCAL RD AT SH22
10+00
15+00
20+00
25+00
30+00
35+00
40+00
45+00
46+72
90+00
95+00
100+00
105+00
110+00
115+00
120+00
125+00
PROPOSED ℄ I-49
℄ I-49S
℄ I-49N
80' MEDIAN
VARIES 5'-50'
30'
24' 2 LANES
6' SH
10' SH
VARIES 10'-15'
4.0%
2.0%
3:1
6:1
2' TYP
PROPOSED CONSTRUCTION LIMITS
CUT SECTION
PROFILE GRADE POINT
FILL SECTION
EXISTING GROUND LINE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

PROPOSED I-49

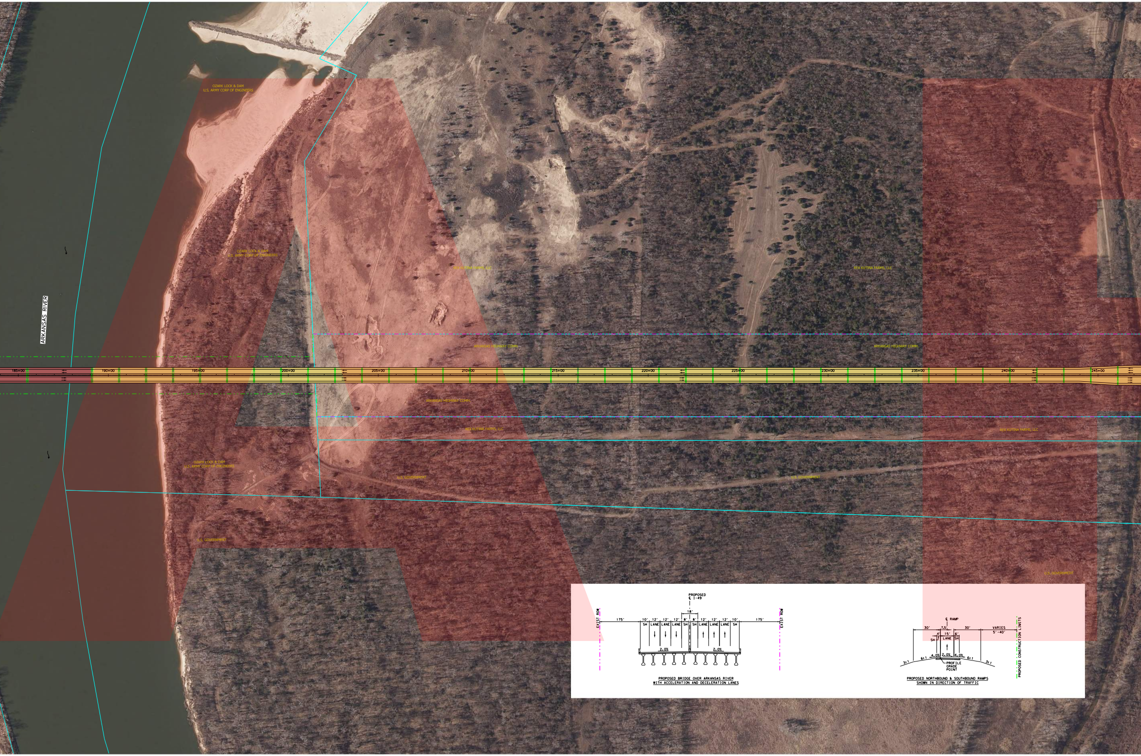
THIS TYPICAL SECTION DOES NOT REFLECT RAMPS, AUXILIARY LANES OR LANE CONFIGURATION AT INTERSECTIONS. SECTION IS SHOWN TO ILLUSTRATE TYPICAL LANE CONFIGURATION FOR THE LENGTH OF THIS PROJECT. SECTION SHOWN ALSO DOES NOT REFLECT CROSS SLOPE CHANGES.


MATCH LINE ℄ I-49 ML STA 152+00
PROPOSED ℄ I-49 ML
H ST
CITY OF BARLING
FORT CHAFFEE DEVELOPMENT TRUST
N
CHAFFEE CROSSING REAL ESTATE, IN.
130+00
135+00
140+00
145+00
150+00
6'X4' SINGLE BOX CULVERT
FORT CHAFFEE DEVELOPMENT TRUST
FORT CHAFFEE DEVELOPMENT TRUST
℄ RAMP
30'
7.5'
30'
4'
15'
6'
SH
LANE
SH
4.0%
2.0%
4.0%
3:1
6:1
6:1
3:1
PROFILE GRADE POINT

PROPOSED NORTHBOUND & SOUTHBOUND RAMPS
SHOWN IN DIRECTION OF TRAFFIC

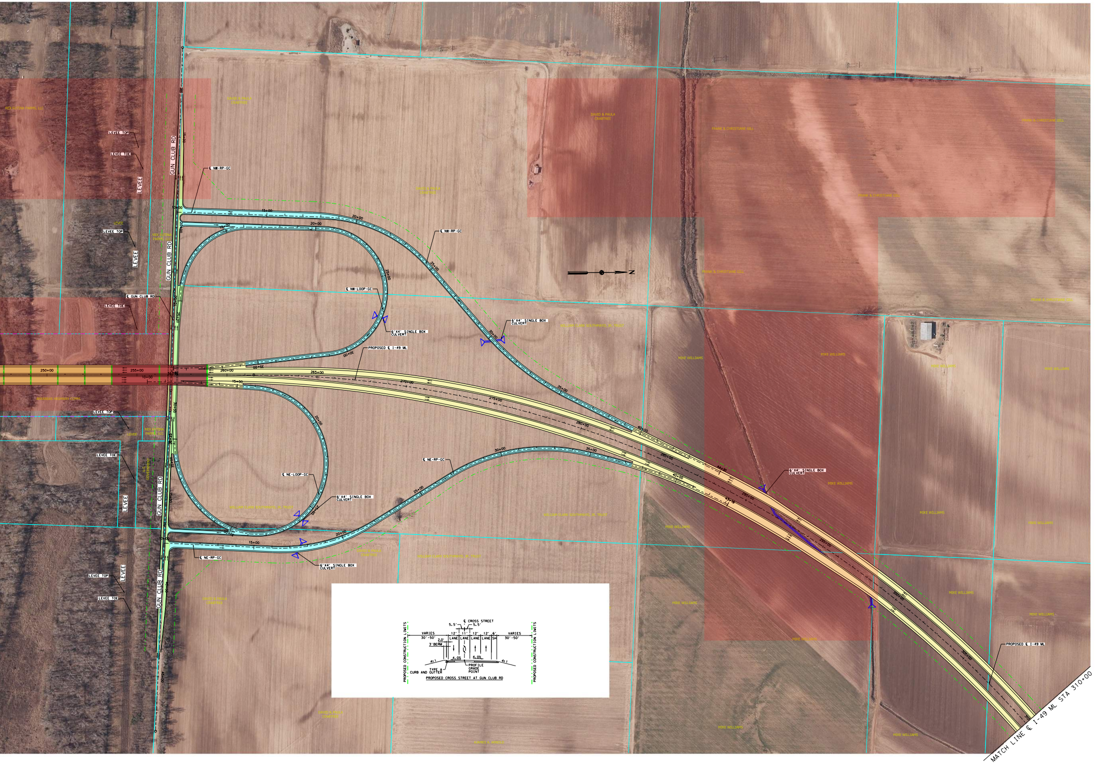

MATCH LINE ℄ I-49 ML STA 152+00
CITY OF BARLING
FORT CHAFFEE DEVELOPMENT TRUST
USA
SPRINGHILL PARK
155+00
160+00
165+00
170+00
175+00
180+00
USA
USA
FORT CHAFFEE DEVELOPMENT TRUST
FORT CHAFFEE DEVELOPMENT TRUST
PROPOSED
℄ I-49
18'
60'
10'
12'
12'
8'
8'
12'
12'
10'
60'
SH
LANE
LANE
SH
SH
LANE
LANE
SH
2.0%
2.0%
PROPOSED CONSTRUCTION LIMITS
PROPOSED CONSTRUCTION LIMITS

PROPOSED BRIDGE OVER ARKANSAS RIVER


ARKANSAS RIVER
OZARK LOCK & DAM
U.S. ARMY CORP OF ENGINEERS
OZARK LOCK & DAM
U.S. ARMY CORP OF ENGINEERS
REX KUTINA FARMS, LLC
REX KUTINA FARMS, LLC
ARKANSAS HIGHWAY COMM.
ARKANSAS HIGHWAY COMM.
185+00
190+00
195+00
200+00
205+00
210+00
215+00
220+00
225+00
230+00
235+00
240+00
245+00
ARKANSAS HIGHWAY COMM.
REX KUTINA FARMS, LLC
REX KUTINA FARMS, LLC
OZARK LOCK & DAM
U.S. ARMY CORP OF ENGINEERS
U.S. GOVERNMENT
U.S. GOVERNMENT
U.S. GOVERNMENT
U.S. GOVERNMENT
PROPOSED
℄ I-49
18'
EXIST ROW
175'
10'
12'
12'
12'
8'
8'
12'
12'
12'
10'
175'
EXIST ROW
SH
LANE
LANE
LANE
SH
SH
LANE
LANE
LANE
SH
2.0%
2.0%
℄ RAMP
30'
7.5'
30'
VARIES
5'-40'
4'
15'
6'
SH
LANE
SH
4.0%
2.0%
4.0%
3:1
6:1
6:1
3:1
PROFILE
GRADE
POINT
PROPOSED CONSTRUCTION LIMITS

PROPOSED BRIDGE OVER ARKANSAS RIVER
WITH ACCELERATION AND DECELERATION LANES

PROPOSED NORTHBOUND & SOUTHBOUND RAMPS
SHOWN IN DIRECTION OF TRAFFIC


REX KUTINA FARMS, LLC
DAVID & PAULA CRABTREE
LEVEE TOP
LEVEE TOE
LEVEE
GUN CLUB RD
℄ NW-RP-GC
15+00
20+00
25+00
30+00
35+00
40+00
10+00
LEVEE
LEVEE TOP
LEVEE
REX KUTINA FARMS, LLC
℄ NW-LOOP-GC
6'X4' SINGLE BOX CULVERT
℄ GUN CLUB RD
LEVEE TOE
PROPOSED ℄ I-49 ML
250+00
255+00
260+00
265+00
270+00
275+00
280+00
285+00
290+00
295+00
300+00
305+00
44+81
43+16
ARKANSAS HIGHWAY COMM.
℄ NE-LOOP-GC
℄ NE-RP-GC
WILLIAM CLARK SOUTHMAYD, JR. TRUST
FRANK & CHRISTIANE GILL
MIKE WILLIAMS
N
PROPOSED CONSTRUCTION LIMITS
℄ CROSS STREET
5.5'
5.5'
VARIES
30'-50'
12'
11'
12'
12'
6'
LANE
LANE
LANE
LANE
SH
2.0'
3' BERM
4.0%
4.0%
4:1
4:1
TYPE A
CURB AND GUTTER
PROFILE GRADE POINT
PROPOSED CROSS STREET AT GUN CLUB RD
PROPOSED CONSTRUCTION LIMITS
MATCH LINE ℄ I-49 ML STA 310+00

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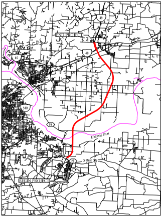
49
END PROJECT
40
40
162
540
59
Arkansas River
Barling
22
Central City
BEGIN PROJECT

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