

**Dallas to Houston High-Speed Rail
Draft Environmental Impact Statement**

**Appendix G:
Dallas to Houston High-Speed Rail
Passenger Service from Houston to Dallas
Final Draft Conceptual Engineering
Plans and Details
Set 16 of 21**



**TEXAS
CENTRAL**

Transmittal

To	Megan Inman, AECOM	Date	November 17, 2017
Copies	FRA: K. Wright AECOM: J. Smiley TCRR: A. Greer File: HOU TCR	TRA Number	00211
From	Christopher Taylor, Arup		
Subject	FINAL DRAFT CONCEPTUAL ENGINEERING DESIGN DOCUMENTATION – FDCE v7 Transmittal Final Version for Publication with Draft Environmental Impact Statement (DEIS) FDCE for Public Release		

We Are Sending You: ENTER DOCUMENT TYPE CODE(S) ONLY

Date of Document	DEIS Appendix	Set # of #	Title of Document or Drawing Title
11/17/17	-	-	234180-AFN-TRA-00211 FDCEv7.PDF (this transmittal)
REPORTS			
9/15/17	F	1 of 2	TCRR FDCE v7 REPORT.PDF (<i>Final Draft Conceptual Engineering Report v7 – Project Definition for publication with Draft EIS</i>)
9/15/17	F	2 of 2	TCRR CONSTRUCTABILITY v4 REPORT.PDF
TCRR FDCE v7 DWGS VOLUME 1 (General Sheets and Typical Sections)			
9/15/17	G	1 of 21	TCRR FDCE v7 DWGS VOLUME 1.PDF (<i>General Sheets and Typical Sections</i>)
TCRR FDCE v7 DWGS VOLUME 2 (Railway Alignment Plan and Profile Sheets)			
9/15/17	G	2 of 21	TCRR FDCE v7 DWGS VOLUME 2-1.PDF (<i>Houston Segment</i>)
9/15/17	G	3 of 21	TCRR FDCE v7 DWGS VOLUME 2-2.PDF (<i>West of Teague Segment</i>)
9/15/17	G	4 of 21	TCRR FDCE v7 DWGS VOLUME 2-3.PDF (<i>IH-45 Segment</i>)
9/15/17	G	5 of 21	TCRR FDCE v7 DWGS VOLUME 2-4.PDF (<i>Navarro West Segment</i>)
9/15/17	G	6 of 21	TCRR FDCE v7 DWGS VOLUME 2-5.PDF (<i>Navarro East Segment</i>)
9/15/17	G	7 of 21	TCRR FDCE v7 DWGS VOLUME 2-6.PDF (<i>Ellis West Segment</i>)
9/15/17	G	8 of 21	TCRR FDCE v7 DWGS VOLUME 2-7.PDF (<i>Ellis East Segment</i>)
9/15/17	G	9 of 21	TCRR FDCE v7 DWGS VOLUME 2-8.PDF (<i>Dallas Segment</i>)
TCRR FDCE v7 DWGS VOLUME 3 (Stations, Maintenance Facilities, and Railway Systems Sheets)			
9/15/17	G	10 of 21	TCRR FDCE v7 DWGS VOLUME 3-1.PDF (<i>Stations</i>)
9/15/17	G	11 of 21	TCRR FDCE v7 DWGS VOLUME 3-2.PDF (<i>Maintenance Facilities, Yards and Shops</i>)
9/15/17	G	12 of 21	TCRR FDCE v7 DWGS VOLUME 3-3.PDF (<i>Rail Systems</i>)
TCRR FDCE v7 DWGS VOLUME 4 (Roadway Plan Sheets)			
9/15/17	G	13 of 21	TCRR FDCE v7 DWGS VOLUME 4-1.PDF (<i>Houston Segment</i>)
9/15/17	G	14 of 21	TCRR FDCE v7 DWGS VOLUME 4-2.PDF (<i>West of Teague Segment</i>)
9/15/17	G	15 of 21	TCRR FDCE v7 DWGS VOLUME 4-3.PDF (<i>IH-45 Segment</i>)
9/15/17	G	16 of 21	TCRR FDCE v7 DWGS VOLUME 4-4.PDF (<i>Navarro West Segment</i>)
9/15/17	G	17 of 21	TCRR FDCE v7 DWGS VOLUME 4-5.PDF (<i>Navarro East Segment</i>)

Document Format	Date of Document	Number of Copies	Title of Document or Drawing Title
9/15/17	G	18 of 21	TCRR FDCE v7 DWGS VOLUME 4-6.PDF (<i>Ellis West Segment</i>)
9/15/17	G	19 of 21	TCRR FDCE v7 DWGS VOLUME 4-7.PDF (<i>Ellis East Segment</i>)
9/15/17	G	20 of 21	TCRR FDCE v7 DWGS VOLUME 4-8.PDF (<i>Dallas Segment</i>)
TCRR FDCE v7 DWGS VOLUME 5 (<i>Wildlife Crossing Sheets</i>)			
9/15/17	G	21 of 21	TCRR FDCE v7 DWGS VOLUME 5.PDF (<i>Wildlife Crossing Sheets</i>)

These are transmitted as checked below:

- Deliverable For Information As requested For your use
 For approval For Review and Comment Return Other: Publication with DEIS

REMARKS:

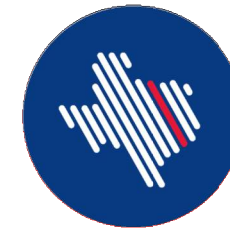
The files transmitted herewith represent a final submittal of the Final Draft Conceptual Engineering (FDCE) design report and drawings for the Dallas to Houston High-Speed Rail Project. This v7 submittal of the FDCE report is intended for distribution on the FRA website with the Draft EIS (DEIS) for public review.



Delivered VIA Outlook Email Hand Delivery Courier PMS Notification USPS

PREPARED BY: Christopher Taylor **Date:** November 17, 2017

IF ENCLOSURES ARE NOT AS NOTED, KINDLY NOTIFY US AT ONCE.



**TEXAS
CENTRAL**



DALLAS TO HOUSTON HIGH-SPEED RAIL
PASSENGER SERVICE FROM HOUSTON TO DALLAS

**FINAL DRAFT
CONCEPTUAL ENGINEERING PLANS AND DETAILS**
VOLUME 4 - RAILWAY PLAN SHEETS

SEPTEMBER 15, 2017



U.S. Department of Transportation
Federal Railroad Administration

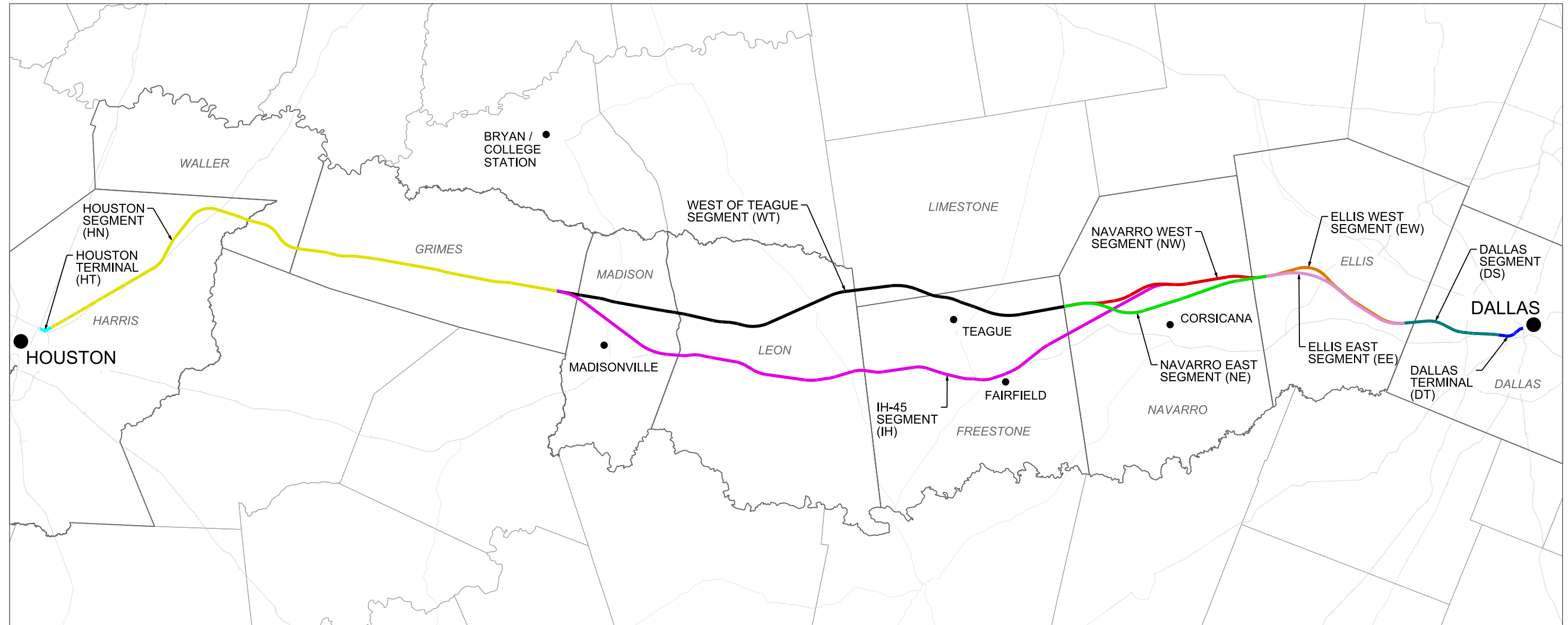
ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
www.arup.com
Tel (713) 783 2787 Fax (713) 343 1467
Texas Registered Engineering Firm: F-1990

**FRESE
NICHOLS**

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
www.freese.com
Tel (214) 217 2200 Fax (214) 217 2201
Texas Registered Engineering Firm: F-2144

COVER SHEET



ALIGNMENT ALTERNATIVE	OE SEGMENT ID	SEGMENT NAMES	SEGMENT ABBREVIATION
A	5, 4A, 3A, 2A, 1	DALLAS SEGMENT, ELLIS WEST SEGMENT, NAVARRO WEST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EW, NW, WT, HN
B	5, 4A, 3B, 2A, 1	DALLAS SEGMENT, ELLIS WEST SEGMENT, NAVARRO EAST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EW, NE, WT, HN
C	5, 4A, 2B, 1	DALLAS SEGMENT, ELLIS WEST SEGMENT, IH-45 SEGMENT, HOUSTON SEGMENT	DS, EW, IH, HN
D	5, 4B, 3A, 2A, 1	DALLAS SEGMENT, ELLIS EAST SEGMENT, NAVARRO WEST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EE, NW, WT, HN
E	5, 4B, 3A, 2A, 1	DALLAS SEGMENT, ELLIS EAST SEGMENT, NAVARRO EAST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EE, NE, WT, HN
F	5, 4B, 2B, 1	DALLAS SEGMENT, ELLIS EAST SEGMENT, IH-45 SEGMENT, HOUSTON SEGMENT	DS, EE, IH, HN

NOTES:
 1. REFER TO FDCE v5 FOR SEGMENT NAMES AND ALIGNMENT ALTERNATIVES.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. THOMPSON

DRAWN BY
D. THOMPSON

CHECKED BY
R. BURNS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
 10370 Richmond Ave., Suite 475
 Houston, Texas 77042 USA
 Tel (713) 783 2787 Fax (713) 343 1467
 www.arup.com
 Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
 Dallas, Texas 75204
 Tel (214) 217 2200 Fax (214) 217 2201
 www.freese.com
 Texas Registered Engineering Firm: F-2144

Client

TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

GENERAL LOCATION PLAN

Scale
AS SHOWN

Drawing Status
FINAL DRAFT

Job No 234180	Drawing No GEN-00-00002	Rev 01
-------------------------	-----------------------------------	------------------

VOLUME 1 - GENERAL SHEETS & TYPICAL SECTIONS

Table with columns: DRAWING NO., DRAWING DESCRIPTIONS. Includes sections: 1-1 GENERAL COVER SHEET, 1-2 RAILWAY TYPICAL SECTIONS, 1-3 ROADWAY AND GRADE SEPARATION TYPICAL SECTIONS, 1-4 CIVIL STRUCTURES TYPICAL DETAILS, 1-5 CIVIL UTILITIES TYPICAL DETAILS, 1-6 GENERAL - ALIGNMENT CURVE DATA TABLES.

VOLUME 2 - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS

Table with columns: DRAWING NO., DRAWING DESCRIPTIONS. Section: 2-1 HOUSTON SEGMENT. Lists drawing numbers and descriptions for Houston Segment alignment and profile sheets.

Table with columns: DRAWING NO., DRAWING DESCRIPTIONS. Lists drawing numbers and descriptions for Houston Segment alignment and profile sheets, continuing from Volume 2.

Table with columns: DRAWING NO., DRAWING DESCRIPTIONS. Lists drawing numbers and descriptions for West of Teague Segment alignment and profile sheets.

Table with columns: REV, DATE, BY, CHK, APP, DESCRIPTION. Revision table for the drawing.

Table with columns: DESIGNED BY, DRAWN BY, CHECKED BY, IN CHARGE, DATE. Design and drawing information table.



Table with columns: Client, Drawing Title, Scale, Drawing Status, Job No, Drawing No, Rev. Project information table.

VOLUME 2 - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS

Table with columns: DRAWING NO., DRAWING DESCRIPTIONS. Includes sections for 2-2 WEST OF TEAGUE SEGMENT and 2-3 IH-45 SEGMENT.

Table with columns: Drawing No., Description. Lists various drawing numbers and their corresponding descriptions for segments like IH-45 SEGMENT and NAVARRO WEST SEGMENT.

Table with columns: Drawing No., Description. Lists various drawing numbers and their corresponding descriptions for segments like NAVARRO WEST SEGMENT and ELLIS WEST SEGMENT.

Table with columns: REV, DATE, BY, CHK, APP, DESCRIPTION. Revision table for the drawing.

Table with columns: DESIGNED BY, DRAWN BY, CHECKED BY, IN CHARGE, DATE. Designer information table.



Table with columns: Drawing Title, Scale, Drawing Status, Job No, Drawing No, Rev. Project information table.

HOUSTON SEGMENT - CIVIL - KEY MAP - Sheet 2 of 4 - HN1 1024+00 TO HN1 2082+00

DRAWING NO.	DRAWING DESCRIPTIONS
2-6 ELLIS WEST SEGMENT	
CVL-EW-01720	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1018+00 TO EW 1074+00
CVL-EW-01721	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1074+00 TO EW 1130+00
CVL-EW-01722	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1130+00 TO EW 1186+00
CVL-EW-01723	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1186+00 TO EW 1242+50
2-7 ELLIS EAST SEGMENT	
CVL-EE-01800	ELLIS EAST SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 2 - EE 10+00 TO EE 1074+00
CVL-EE-01801	ELLIS EAST SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 2 - EE 1074+00 TO EE 1208+15
CVL-EE-01802	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 10+00 TO EE 66+00
CVL-EE-01803	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 66+00 TO EE 122+00
CVL-EE-01804	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 122+00 TO EE 178+00
CVL-EE-01805	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 178+00 TO EE 234+00
CVL-EE-01806	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 234+00 TO EE 290+00
CVL-EE-01807	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 290+00 TO EE 346+00
CVL-EE-01808	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 346+00 TO EE 402+00
CVL-EE-01809	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 402+00 TO EE 458+00
CVL-EE-01810	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 458+00 TO EE 514+00
CVL-EE-01811	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 514+00 TO EE 570+00
CVL-EE-01812	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 570+00 TO EE 626+00
CVL-EE-01813	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 626+00 TO EE 682+00
CVL-EE-01814	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 682+00 TO EE 738+00
CVL-EE-01815	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 738+00 TO EE 794+00
CVL-EE-01816	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 794+00 TO EE 850+00
CVL-EE-01817	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 850+00 TO EE 906+00
CVL-EE-01818	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 906+00 TO EE 962+00
CVL-EE-01819	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 962+00 TO EE 1018+00
CVL-EE-01820	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 1018+00 TO EE 1074+00
CVL-EE-01821	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 1074+00 TO EE 1130+00
CVL-EE-01822	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 1130+00 TO EE 1186+00
CVL-EE-01823	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 1186+00 TO EE 1208+15
2-8 DALLAS SEGMENT	
CVL-DS-01900	DALLAS SEGMENT - CIVIL - KEY MAP - DS 10+00 TO DS 271+02
CVL-DS-01901	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 10+00 TO DS 66+00
CVL-DS-01902	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 66+00 TO DS 122+00
CVL-DS-01903	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 122+00 TO DS 178+00
CVL-DS-01904	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 178+00 TO DS 234+00
CVL-DS-01905	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 234+00 TO DS 290+00
CVL-DS-01906	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 290+00 TO DS 346+00
CVL-DS-01907	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 346+00 TO DS 402+00
CVL-DS-01908	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 402+00 TO DS 458+00
CVL-DS-01909	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 458+00 TO DS 514+00
CVL-DS-01910	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 514+00 TO DS 542+00
CVL-DS-01911	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 542+00 TO DS 570+00
CVL-DS-01912	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 570+00 TO DS 598+00
CVL-DS-01913	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 598+00 TO DS 626+00
CVL-DS-01914	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 626+00 TO DS 654+00
CVL-DS-01915	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 654+00 TO DS 682+00
CVL-DS-01916	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 682+00 TO DS 710+00
CVL-DS-01917	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 710+00 TO DS 738+00
CVL-DS-01918	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 738+00 TO DS 766+00
CVL-DS-01919	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 766+00 TO DS 833+00
CVL-DS-01920	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 33+00 TO DT 61+00
CVL-DS-01921	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 61+00 TO DT 89+00
CVL-DS-01922	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 89+00 TO DT 117+00
CVL-DS-01923	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 117+00 TO DT 145+00
CVL-DS-01924	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 145+00 TO DT 173+00
CVL-DS-01925	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 173+00 TO DT 201+00
CVL-DS-01926	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DT 201+00 TO DT 217+02

VOLUME 3 - STATIONS, MAINTENANCE FACILITIES AND RAILWAY SYSTEMS SHEETS

DRAWING NO.	DRAWING DESCRIPTIONS
3-1 STATIONS	
STA-00-02000	GENERAL - STATIONS - TYPICAL STATION CONFIGURATION
STA-00-02001	GENERAL - STATIONS - TYPICAL PLATFORMS CONFIGURATION
STA-00-03000	GENERAL - STATIONS - TYPICAL SECTIONS
STA-00-05000	GENERAL - TERMINAL STATIONS ADJACENCY DIAGRAM
STA-00-05001	GENERAL - INTERMEDIATE STATION ADJACENCY DIAGRAM
STA-00-06000	GENERAL - HOUSTON SEGMENT - STATIONS - STATION SECTIONS
STA-00-06001	GENERAL - HOUSTON SEGMENT - STATIONS - STATION SECTIONS - FUTURE EXPANSION
STA-HN-01001	HOUSTON SEGMENT - STATIONS - HOUSTON TRANSIT STATION OPTION - STATION AREA PLAN
STA-HN-01002	HOUSTON SEGMENT - STATIONS - HOUSTON TRANSIT STATION OPTION - STATION FLOOR PLAN SHEET 1 OF 2
STA-HN-01003	HOUSTON SEGMENT - STATIONS - HOUSTON TRANSIT STATION OPTION - STATION FLOOR PLAN SHEET 2 OF 2

STA-HN-01004	HOUSTON SEGMENT - STATIONS - HOUSTON TRANSIT STATION OPTION - STATION SECTIONS
STA-HN-01005	HOUSTON SEGMENT - STATIONS - HOUSTON TRANSIT STATION OPTION - CIVIL SITE PLAN
STA-HN-01011	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL STATION OPTION - STATION AREA PLAN
STA-HN-01012	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL STATION OPTION - STATION FLOOR PLAN SHEET 1 OF 2
STA-HN-01013	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL STATION OPTION - STATION FLOOR PLAN SHEET 2 OF 2
STA-HN-01014	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL STATION OPTION - STATION SECTIONS
STA-HN-01015	HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALL STATION OPTION - CIVIL SITE PLAN
STA-HN-01021	HOUSTON SEGMENT - STATIONS - HOUSTON INDUSTRIAL STATION OPTION - STATION AREA PLAN
STA-HN-01022	HOUSTON SEGMENT - STATIONS - HOUSTON INDUSTRIAL STATION OPTION - STATION FLOOR PLAN SHEET 1 OF 2
STA-HN-01023	HOUSTON SEGMENT - STATIONS - HOUSTON INDUSTRIAL STATION OPTION - STATION FLOOR PLAN SHEET 2 OF 2
STA-HN-01024	HOUSTON SEGMENT - STATIONS - HOUSTON INDUSTRIAL STATION OPTION - STATION SECTIONS
STA-HN-01025	HOUSTON SEGMENT - STATIONS - HOUSTON INDUSTRIAL STATION OPTION - CIVIL SITE PLAN
STA-HN-01031	HOUSTON SEGMENT - STATIONS - BRAZOS VALLEY STATION - STATION AREA PLAN
STA-HN-01032	HOUSTON SEGMENT - STATIONS - BRAZOS VALLEY STATION - STATION FLOOR PLAN SHEET
STA-HN-01033	HOUSTON SEGMENT - STATIONS - BRAZOS VALLEY STATION - STATION SECTIONS
STA-HN-01034	HOUSTON SEGMENT - STATIONS - BRAZOS VALLEY STATION - CIVIL SITE PLAN
STA-DS-01041	DALLAS SEGMENT - STATIONS - DALLAS STATION - STATION AREA PLAN
STA-DS-01042	DALLAS SEGMENT - STATIONS - DALLAS STATION - STATION FLOOR PLAN SHEET 1 OF 3
STA-DS-01043	DALLAS SEGMENT - STATIONS - DALLAS STATION - STATION FLOOR PLAN SHEET 2 OF 3
STA-DS-01044	DALLAS SEGMENT - STATIONS - DALLAS STATION - STATION FLOOR PLAN SHEET 3 OF 3
STA-DS-01045	DALLAS SEGMENT - STATIONS - DALLAS STATION - STATION SECTIONS SHEET 1 OF 3
STA-DS-01046	DALLAS SEGMENT - STATIONS - DALLAS STATION - STATION SECTIONS SHEET 2 OF 3
STA-DS-01047	DALLAS SEGMENT - STATIONS - DALLAS STATION - STATION SECTIONS - FUTURE EXPANSION SHEET 3 OF 3
STA-DS-01048	DALLAS SEGMENT - STATIONS - DALLAS STATION - TYPICAL PEDESTRIAN STREETScape
STA-DS-01049	DALLAS SEGMENT - STATIONS - DALLAS STATION - CIVIL SITE PLAN
STA-DS-01050	DALLAS SEGMENT - STATIONS - DALLAS STATION - HOTEL STREET REALIGNMENT - SHEET 1 OF 2
STA-DS-01051	DALLAS SEGMENT - STATIONS - DALLAS STATION - HOTEL STREET REALIGNMENT - SHEET 2 OF 2
STA-DS-01052	DALLAS SEGMENT - STATIONS - DALLAS STATION - BELLEVIEW STREET REALIGNMENT
STA-DS-01053	DALLAS SEGMENT - STATIONS - DALLAS STATION - PROPOSED STREET 1 REALIGNMENT
STA-DS-01054	DALLAS SEGMENT - STATIONS - DALLAS STATION - PROPOSED STREET 2 REALIGNMENT
3-2 MAINTENANCE FACILITIES, YARDS AND SHOPS	
MNT-00-02002	GENERAL - MAINTENANCE FACILITIES - TYPICAL MOW FACILITY
MNT-00-02003	GENERAL - MAINTENANCE FACILITIES - TYPICAL SIDING OFF
MNT-00-02004	GENERAL - MAINTENANCE AND TMF FACILITIES - KEY MAP
MNT-HN-04000	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON SOUTH TMF - SHEET 1 OF 3
MNT-HN-04001	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON SOUTH TMF - SHEET 2 OF 3
MNT-HN-04002	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON SOUTH TMF - SHEET 3 OF 3
MNT-HN-04003	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON SOUTH TMF - TRACK REALIGNMENT - SHEET 1 OF 5
MNT-HN-04004	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON SOUTH TMF - TRACK REALIGNMENT - SHEET 2 OF 5
MNT-HN-04005	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON SOUTH TMF - TRACK REALIGNMENT - SHEET 3 OF 5
MNT-HN-04006	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON SOUTH TMF - TRACK REALIGNMENT - SHEET 4 OF 5
MNT-HN-04007	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON SOUTH TMF - TRACK REALIGNMENT - SHEET 5 OF 5
MNT-HN-04008	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON NORTH TMF - SHEET 1 OF 3
MNT-HN-04009	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON NORTH TMF - SHEET 2 OF 3
MNT-HN-04010	HOUSTON SEGMENT - MAINTENANCE FACILITIES - HOUSTON NORTH TMF - SHEET 3 OF 3
MNT-HN-04011	HOUSTON SEGMENT - MOW FACILITY HN-2 - LAYOUT
MNT-HN-04012	HOUSTON SEGMENT - MOW FACILITY HN-4 - LAYOUT - SHEET 1 OF 2
MNT-HN-04013	HOUSTON SEGMENT - MOW FACILITY HN-4 - LAYOUT - SHEET 2 OF 2
MNT-HN-04014	HOUSTON SEGMENT - MOW FACILITY HN-5 - LAYOUT - SHEET 1 OF 2
MNT-HN-04015	HOUSTON SEGMENT - MOW FACILITY HN-5 - LAYOUT - SHEET 2 OF 2
MNT-WT-04016	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY WT-1 - LAYOUT - SHEET 1 OF 2
MNT-WT-04017	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY WT-1 - LAYOUT - SHEET 2 OF 2
MNT-WT-04018	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 1 OF 2
MNT-WT-04019	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 2 OF 2
MNT-WT-04020	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY WT-2 - LAYOUT - SHEET 1 OF 2
MNT-WT-04021	WEST OF TEAGUE SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY WT-2 - LAYOUT - SHEET 2 OF 2
MNT-IH-04022	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-1 - LAYOUT - SHEET 1 OF 3
MNT-IH-04023	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-1 - LAYOUT - SHEET 2 OF 3
MNT-IH-04024	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-1 - LAYOUT - SHEET 3 OF 3
MNT-IH-04025	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 1 OF 8
MNT-IH-04026	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 2 OF 8
MNT-IH-04027	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 3 OF 8
MNT-IH-04028	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 4 OF 8
MNT-IH-04029	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 5 OF 8
MNT-IH-04030	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 6 OF 8
MNT-IH-04031	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 7 OF 8
MNT-IH-04032	IH-45 SEGMENT - MAINTENANCE FACILITIES - TRACK CONNECTION - LAYOUT - SHEET 8 OF 8
MNT-IH-04033	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-2 - LAYOUT - SHEET 1 OF 3
MNT-IH-04034	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-2 - LAYOUT - SHEET 2 OF 3
MNT-IH-04035	IH-45 SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY IH-2 - LAYOUT - SHEET 3 OF 3
MNT-EW-04036	ELLIS WEST SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY EW-1 - LAYOUT - SHEET 1 OF 2
MNT-EW-04037	ELLIS WEST SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY EW-1 - LAYOUT - SHEET 2 OF 2
MNT-EE-04038	ELLIS EAST SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY EE-1 - LAYOUT
MNT-DS-04039	DALLAS SEGMENT - MAINTENANCE FACILITIES - DALLAS SOUTH TMF - SHEET 1 OF 3

DESIGNED BY D. THOMPSON
DRAWN BY D. THOMPSON
CHECKED BY R. BURNS
IN CHARGE C. TAYLOR
DATE 09/15/2017

REV	DATE	BY	CHK	APP	DESCRIPTION



Drawing Title
GENERAL INDEX SHEET 3 OF 5

Scale NO SCALE		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No GEN-00-00005	Rev 01

VOLUME 3 - STATIONS, MAINTENANCE FACILITIES AND RAILWAY SYSTEMS SHEETS

DRAWING NO.	DRAWING DESCRIPTIONS
	3-2 MAINTENANCE FACILITIES, YARDS AND SHOPS
MNT-DS-04040	DALLAS SEGMENT - MAINTENANCE FACILITIES - DALLAS SOUTH TMF - SHEET 2 OF 3
MNT-DS-04041	DALLAS SEGMENT - MAINTENANCE FACILITIES - DALLAS SOUTH TMF - SHEET 3 OF 3
MNT-DS-04042	DALLAS SEGMENT - MAINTENANCE FACILITIES - DALLAS NORTH TMF - SHEET 1 OF 2
MNT-DS-04043	DALLAS SEGMENT - MAINTENANCE FACILITIES - DALLAS NORTH TMF - SHEET 2 OF 2
MNT-DS-04044	DALLAS SEGMENT - MAINTENANCE FACILITIES - MOW FACILITY DS-3 - LAYOUT
	3-3 RAILWAY SYSTEMS
SYS-00-01000	GENERAL - RAILWAY SYSTEMS - TYPICAL LAYOUT PLAN SHEET 1 OF 3
SYS-00-01001	GENERAL - RAILWAY SYSTEMS - TYPICAL LAYOUT PLAN SHEET 2 OF 3
SYS-00-01002	GENERAL - RAILWAY SYSTEMS - TYPICAL LAYOUT PLAN SHEET 3 OF 3
SYS-00-02000	GENERAL - RAILWAY SYSTEMS - FACILITY SPACING - ALIGNMENT ALTERNATIVE A
SYS-00-02001	GENERAL - RAILWAY SYSTEMS - FACILITY SPACING - ALIGNMENT ALTERNATIVE B
SYS-00-02002	GENERAL - RAILWAY SYSTEMS - FACILITY SPACING - ALIGNMENT ALTERNATIVE C
SYS-00-02003	GENERAL - RAILWAY SYSTEMS - FACILITY SPACING - ALIGNMENT ALTERNATIVE D
SYS-00-02004	GENERAL - RAILWAY SYSTEMS - FACILITY SPACING - ALIGNMENT ALTERNATIVE E
SYS-00-02005	GENERAL - RAILWAY SYSTEMS - FACILITY SPACING - ALIGNMENT ALTERNATIVE F
SYS-00-03000	GENERAL - RAILWAY SYSTEMS - FACILITY LOCATION



VOLUME 4 - ROADWAY PLAN SHEETS

DRAWING NO.	DRAWING DESCRIPTIONS
	4-1 HOUSTON SEGMENT
RDY-HN-01101	HOUSTON SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 4 - STA. HN1 10+00 TO HN1 1030+00
RDY-HN-01102	HOUSTON SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 4 - STA. HN1 1030+00 TO HN1 2070+00
RDY-HN-01103	HOUSTON SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 3 OF 4 - STA. HN1 2070+00 TO HN2 790+00
RDY-HN-01104	HOUSTON SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 4 OF 4 - STA. HN2 790+00 TO HN2 2073+80
RDY-HN-04001	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HT1 20+00 TO HT1 110+00
RDY-HN-04002	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 10+00 TO HN1 90+00
RDY-HN-04003	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 90+00 TO HN1 180+00
RDY-HN-04004	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 180+00 TO HN1 270+00
RDY-HN-04005	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 270+00 TO HN1 360+00
RDY-HN-04006	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 360+00 TO HN1 450+00
RDY-HN-04007	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 450+00 TO HN1 540+00
RDY-HN-04008	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 540+00 TO HN1 630+00
RDY-HN-04009	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 630+00 TO HN1 720+00
RDY-HN-04010	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 720+00 TO HN1 810+00
RDY-HN-04011	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 810+00 TO HN1 900+00
RDY-HN-04012	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 900+00 TO HN1 990+00
RDY-HN-04013	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 990+00 TO HN1 1080+00
RDY-HN-04014	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1080+00 TO HN1 1170+00
RDY-HN-04015	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1170+00 TO HN1 1260+00
RDY-HN-04016	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1260+00 TO HN1 1350+00
RDY-HN-04017	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1350+00 TO HN1 1440+00
RDY-HN-04018	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1440+00 TO HN1 1530+00
RDY-HN-04019	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1530+00 TO HN1 1620+00
RDY-HN-04020	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1620+00 TO HN1 1710+00
RDY-HN-04021	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1710+00 TO HN1 1800+00
RDY-HN-04022	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1800+00 TO HN1 1890+00
RDY-HN-04023	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1890+00 TO HN1 1980+00
RDY-HN-04024	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 1980+00 TO HN1 2070+00
RDY-HN-04025	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 2070+00 TO HN1 2160+00
RDY-HN-04026	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 2160+00 TO HN1 2250+00
RDY-HN-04027	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 2250+00 TO HN1 2340+00
RDY-HN-04028	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN1 2340+00 TO HN1 2387+62
RDY-HN-04029	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 10+00 TO HN2 100+00
RDY-HN-04030	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 100+00 TO HN2 190+00
RDY-HN-04031	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 190+00 TO HN2 280+00
RDY-HN-04032	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 280+00 TO HN2 370+00
RDY-HN-04033	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 370+00 TO HN2 460+00
RDY-HN-04034	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 460+00 TO HN2 550+00
RDY-HN-04035	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 550+00 TO HN2 640+00
RDY-HN-04036	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 640+00 TO HN2 730+00
RDY-HN-04037	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 730+00 TO HN2 820+00
RDY-HN-04038	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 820+00 TO HN2 910+00
RDY-HN-04039	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 910+00 TO HN2 1000+00
RDY-HN-04040	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1000+00 TO HN2 1090+00
RDY-HN-04041	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1090+00 TO HN2 1180+00
RDY-HN-04042	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1180+00 TO HN2 1270+00
RDY-HN-04043	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1270+00 TO HN2 1360+00
RDY-HN-04044	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1360+00 TO HN2 1450+00
RDY-HN-04045	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1450+00 TO HN2 1540+00
RDY-HN-04046	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1540+00 TO HN2 1630+00

RDY-HN-04047	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1630+00 TO HN2 1720+00
RDY-HN-04048	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1720+00 TO HN2 1810+00
RDY-HN-04049	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1810+00 TO HN2 1900+00
RDY-HN-04050	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1900+00 TO HN2 1990+00
RDY-HN-04051	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1990+00 TO 2073+80
	4-2 WEST OF TEAGUE SEGMENT
RDY-WT-01101	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 4 WT 10+00 TO WT 1120+00
RDY-WT-01102	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 4 WT 1120+00 TO WT 2240+00
RDY-WT-01103	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 3 OF 4 WT 2240+00 TO WT 3360+00
RDY-WT-01104	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 4 OF 4 WT 3360+00 TO WT 4118+87
RDY-WT-04001	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 10+00 TO WT 100+00
RDY-WT-04002	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 100+00 TO WT 190+00
RDY-WT-04003	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 190+00 TO WT 280+00
RDY-WT-04004	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 280+00 TO WT 370+00
RDY-WT-04005	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 370+00 TO WT 460+00
RDY-WT-04006	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 460+00 TO WT 550+00
RDY-WT-04007	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 550+00 TO WT 640+00
RDY-WT-04008	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 640+00 TO WT 730+00
RDY-WT-04009	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 730+00 TO WT 820+00
RDY-WT-04010	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 820+00 TO WT 910+00
RDY-WT-04011	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 910+00 TO WT 1000+00
RDY-WT-04012	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1000+00 TO WT 1090+00
RDY-WT-04013	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1090+00 TO WT 1180+00
RDY-WT-04014	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1180+00 TO WT 1270+00
RDY-WT-04015	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1270+00 TO WT 1360+00
RDY-WT-04016	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1360+00 TO WT 1450+00
RDY-WT-04017	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1450+00 TO WT 1540+00
RDY-WT-04018	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1540+00 TO WT 1630+00
RDY-WT-04019	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1630+00 TO WT 1720+00
RDY-WT-04020	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1720+00 TO WT 1810+00
RDY-WT-04021	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1810+00 TO WT 1900+00
RDY-WT-04022	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1900+00 TO WT 1990+00
RDY-WT-04023	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1990+00 TO WT 2080+00
RDY-WT-04024	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2080+00 TO WT 2170+00
RDY-WT-04025	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2170+00 TO WT 2260+00
RDY-WT-04026	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2260+00 TO WT 2350+00
RDY-WT-04027	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2350+00 TO WT 2440+00
RDY-WT-04028	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2440+00 TO WT 2530+00
RDY-WT-04029	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2530+00 TO WT 2620+00
RDY-WT-04030	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2620+00 TO WT 2710+00
RDY-WT-04031	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2710+00 TO WT 2800+00
RDY-WT-04032	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2800+00 TO WT 2890+00
RDY-WT-04033	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2890+00 TO WT 2980+00
RDY-WT-04034	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2980+00 TO WT 3070+00
RDY-WT-04035	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3070+00 TO WT 3160+00
RDY-WT-04036	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3160+00 TO WT 3250+00
RDY-WT-04037	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3250+00 TO WT 3340+00
RDY-WT-04038	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3340+00 TO WT 3430+00
RDY-WT-04039	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3430+00 TO WT 3520+00
RDY-WT-04040	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3520+00 TO WT 3610+00
RDY-WT-04041	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3610+00 TO WT 3700+00
RDY-WT-04042	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3700+00 TO WT 3790+00
RDY-WT-04043	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3790+00 TO WT 3880+00
RDY-WT-04044	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3880+00 TO WT 3970+00
RDY-WT-04045	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3970+00 TO WT 4060+00
RDY-WT-04046	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 4060+00 TO WT 4118+87
RDY-WT-04047	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - MATCHLINE RDY-WT-04011
	4-3 IH-45 SEGMENT
RDY-IH-01101	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 5 IH1 10+00 TO IH1 1120+00
RDY-IH-01102	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 5 IH1 1120+00 TO IH1 2240+00
RDY-IH-01103	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 3 OF 5 IH1 2240+00 TO IH1 3360+00
RDY-IH-01104	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 4 OF 5 IH1 3360+00 TO IH2 224+00
RDY-IH-01105	IH-45 SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 5 OF 5 IH2 224+00 TO IH2 913+96
RDY-IH1-04001	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 10+00 TO IH1 100+00
RDY-IH1-04002	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 100+00 TO IH1 190+00
RDY-IH1-04003	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 190+00 TO IH1 280+00
RDY-IH1-04004	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 280+00 TO IH1 370+00
RDY-IH1-04005	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 370+00 TO IH1 460+00
RDY-IH1-04006	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00
RDY-IH1-04007	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 550+00 TO IH1 640+00
RDY-IH1-04008	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 640+00 TO IH1 730+00
RDY-IH1-04009	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 730+00 TO IH1 820+00
RDY-IH1-04010	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00
RDY-IH1-04011	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D. THOMPSON
DRAWN BY D. THOMPSON
CHECKED BY R. BURNS
IN CHARGE C. TAYLOR
DATE 09/15/2017

 Arup Texas, Inc. 10370 Richmond Ave., Suite 475 Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467 www.arup.com Texas Registered Engineering Firm: F-1990	 2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com Texas Registered Engineering Firm: F-2144	Client  1409 South Lamar Street, Suite 1022, Dallas, Texas 75215	Drawing Title <p style="text-align: center;">GENERAL INDEX SHEET 4 OF 5</p>			Scale NO SCALE Drawing Status <p style="text-align: center;">FINAL DRAFT</p>
			Job No <p style="text-align: center;">234180</p>	Drawing No <p style="text-align: center;">GEN-00-00006</p>	Rev <p style="text-align: center;">01</p>	

VOLUME 4 - ROADWAY PLAN SHEETS

DRAWING NO.	DRAWING DESCRIPTIONS
4-3 IH-45 SEGMENT	
RDY-IH1-04012	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00
RDY-IH1-04013	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1090+00 TO IH1 1180+00
RDY-IH1-04014	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00
RDY-IH1-04015	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1360+00
RDY-IH1-04016	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00
RDY-IH1-04017	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1450+00 TO IH1 1540+00
RDY-IH1-04018	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1540+00 TO IH1 1630+00
RDY-IH1-04019	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1630+00 TO IH1 1720+00
RDY-IH1-04020	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1720+00 TO IH1 1810+00
RDY-IH1-04021	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1810+00 TO IH1 1900+00
RDY-IH1-04022	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1990+00
RDY-IH1-04023	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1990+00 TO IH1 2080+00
RDY-IH1-04024	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2080+00 TO IH1 2170+00
RDY-IH1-04025	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2170+00 TO IH1 2260+00
RDY-IH1-04026	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2260+00 TO IH1 2350+00
RDY-IH1-04027	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2350+00 TO IH1 2440+00
RDY-IH1-04028	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2440+00 TO IH1 2530+00
RDY-IH1-04029	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2530+00 TO IH1 2620+00
RDY-IH1-04030	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2620+00 TO IH1 2710+00
RDY-IH1-04031	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2710+00 TO IH1 2800+00
RDY-IH1-04032	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2800+00 TO IH1 2890+00
RDY-IH1-04033	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2890+00 TO IH1 2980+00
RDY-IH1-04034	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2980+00 TO IH1 3070+00
RDY-IH1-04035	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3070+00 TO IH1 3160+00
RDY-IH1-04036	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3160+00 TO IH1 3250+00
RDY-IH1-04037	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3250+00 TO IH1 3340+00
RDY-IH1-04038	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3340+00 TO IH1 3430+00
RDY-IH1-04039	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3430+00 TO IH1 3520+00
RDY-IH1-04040	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3520+00 TO IH1 3610+00
RDY-IH1-04041	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3610+00 TO IH1 3700+00
RDY-IH1-04042	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3700+00 TO IH1 3790+00
RDY-IH1-04043	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3790+00 TO IH1 3880+00
RDY-IH1-04044	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3880+00 TO IH1 3970+00
RDY-IH1-04045	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3970+00 TO IH1 4060+00
RDY-IH1-04046	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4060+00 TO IH1 4150+00
RDY-IH1-04047	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4150+00 TO IH1 4240+00
RDY-IH1-04048	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4240+00 TO IH1 4329+69
RDY-IH2-04049	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 100+00 TO IH2 100+00
RDY-IH2-04050	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 100+00 TO IH2 190+00
RDY-IH2-04051	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 190+00 TO IH2 280+00
RDY-IH2-04052	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 280+00 TO IH2 370+00
RDY-IH2-04053	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 370+00 TO IH2 460+00
RDY-IH2-04054	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 460+00 TO IH2 550+00
RDY-IH2-04055	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 550+00 TO IH2 640+00
RDY-IH2-04056	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 640+00 TO IH2 730+00
RDY-IH2-04057	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 730+00 TO IH2 820+00
RDY-IH2-04058	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 820+00 TO IH2 910+00
RDY-IH2-04059	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 910+00 TO IH2 913+96
4-4 NAVARRO WEST SEGMENT	
RDY-NW-01101	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 2 NW 10+00 TO NW 1120+00
RDY-NW-01102	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 2 NW 1120+00 TO NW 1637+09
RDY-NW-04001	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 10+00 TO NW 100+00
RDY-NW-04002	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 100+00 TO NW 190+00
RDY-NW-04003	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 190+00 TO NW 280+00
RDY-NW-04004	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 280+00 TO NW 370+00
RDY-NW-04005	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 370+00 TO NW 460+00
RDY-NW-04006	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 460+00 TO NW 550+00
RDY-NW-04007	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 550+00 TO NW 640+00
RDY-NW-04008	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 640+00 TO NW 730+00
RDY-NW-04009	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 730+00 TO NW 820+00
RDY-NW-04010	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 820+00 TO NW 910+00
RDY-NW-04011	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 910+00 TO NW 1000+00
RDY-NW-04012	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1000+00 TO NW 1090+00
RDY-NW-04013	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1090+00 TO NW 1180+00
RDY-NW-04014	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1180+00 TO NW 1270+00
RDY-NW-04015	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1270+00 TO NW 1360+00
RDY-NW-04016	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1360+00 TO NW 1450+00
RDY-NW-04017	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1450+00 TO NW 1540+00
RDY-NW-04018	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1540+00 TO NW 1630+00
RDY-NW-04019	NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1630+00 TO NW 1637+09

DRAWING NO.	DRAWING DESCRIPTIONS
4-5 NAVARRO EAST SEGMENT	
RDY-NE-01101	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 2 NE 10+00 TO NE 1070+00
RDY-NE-01102	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 2 NE 1070+00 TO NE 1654+02
RDY-NE-04001	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 10+00 TO NE 100+00
RDY-NE-04002	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 100+00 TO NE 190+00
RDY-NE-04003	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 190+00 TO NE 280+00
RDY-NE-04004	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 280+00 TO NE 370+00
RDY-NE-04005	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 370+00 TO NE 460+00
RDY-NE-04006	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 460+00 TO NE 550+00
RDY-NE-04007	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 550+00 TO NE 640+00
RDY-NE-04008	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 640+00 TO NE 730+00
RDY-NE-04009	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 730+00 TO NE 820+00
RDY-NE-04010	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 820+00 TO NE 910+00
RDY-NE-04011	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 910+00 TO NE 1000+00
RDY-NE-04012	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1000+00 TO NE 1090+00
RDY-NE-04013	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1090+00 TO NE 1180+00
RDY-NE-04014	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1180+00 TO NE 1270+00
RDY-NE-04015	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1270+00 TO NE 1360+00
RDY-NE-04016	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1360+00 TO NE 1450+00
RDY-NE-04017	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1450+00 TO NE 1540+00
RDY-NE-04018	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1540+00 TO NE 1630+00
RDY-NE-04019	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 1630+00 TO NE 1654+02
RDY-NE-04020	NAVARRO EAST SEGMENT - CIVIL HIGHWAY - MATCHLINE RDY-NE-04011
4-6 ELLIS WEST SEGMENT	
RDY-EW-01101	ELLIS WEST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 2 EW 10+00 TO EW 1120+00
RDY-EW-01102	ELLIS WEST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 2 EW 1120+00 TO EW 1242+50
RDY-EW-04001	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 10+00 TO EW 100+00
RDY-EW-04002	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 100+00 TO EW 190+00
RDY-EW-04003	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 190+00 TO EW 280+00
RDY-EW-04004	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 280+00 TO EW 370+00
RDY-EW-04005	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 370+00 TO EW 460+00
RDY-EW-04006	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 460+00 TO EW 550+00
RDY-EW-04007	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 550+00 TO EW 640+00
RDY-EW-04008	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 640+00 TO EW 730+00
RDY-EW-04009	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 730+00 TO EW 820+00
RDY-EW-04010	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 820+00 TO EW 910+00
RDY-EW-04011	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 910+00 TO EW 1000+00
RDY-EW-04012	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 1000+00 TO EW 1090+00
RDY-EW-04013	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 1090+00 TO EW 1180+00
RDY-EW-04014	ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 1180+00 TO EW 1242+50
4-7 ELLIS EAST SEGMENT	
RDY-EE-01101	ELLIS EAST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 2 EE 10+00 TO EE 1064+00
RDY-EE-01102	ELLIS EAST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 2 EE 1064+00 TO EE 1208+15
RDY-EE-04001	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 10+00 TO EE 100+00
RDY-EE-04002	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 100+00 TO EE 190+00
RDY-EE-04003	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 190+00 TO EE 280+00
RDY-EE-04004	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 280+00 TO EE 370+00
RDY-EE-04005	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 370+00 TO EE 460+00
RDY-EE-04006	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 460+00 TO EE 550+00
RDY-EE-04007	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 550+00 TO EE 640+00
RDY-EE-04008	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 640+00 TO EE 730+00
RDY-EE-04009	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 730+00 TO EE 820+00
RDY-EE-04010	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 820+00 TO EE 910+00
RDY-EE-04011	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 910+00 TO EE 1000+00
RDY-EE-04012	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 1000+00 TO EE 1090+00
RDY-EE-04013	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 1090+00 TO EE 1180+00
RDY-EE-04014	ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 1180+00 TO EE 1208+15
4-8 DALLAS SEGMENT	
RDY-DS-01101	DALLAS SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 1 DS 10+00 TO DS 770+78
RDY-DS-04000	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 10+00 TO DS 90+00
RDY-DS-04001	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 90+00 TO DS 180+00
RDY-DS-04002	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 180+00 TO DS 270+00
RDY-DS-04003	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 270+00 TO DS 360+00
RDY-DS-04004	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 360+00 TO DS 450+00
RDY-DS-04005	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 450+00 TO DS 540+00
RDY-DS-04006	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 540+00 TO DS 630+00
RDY-DS-04007	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 630+00 TO DS 720+00
RDY-DS-04008	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DS 720+00 TO DT 50+00
RDY-DS-04009	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DT 50+00 TO DT 140+00
RDY-DS-04010	DALLAS SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. DT 140+00 TO DT 217+02

VOLUME 5 - WILDLIFE CROSSING SHEETS

DRAWING NO.	DRAWING DESCRIPTIONS
5-1 WILDLIFE CROSSING TYPICAL SECTIONS	
WLC-00-04000	GENERAL - WILDLIFE CROSSINGS TYPICAL SECTIONS - SHEET 1 OF 2
WLC-00-04001	GENERAL - WILDLIFE CROSSINGS TYPICAL SECTIONS - SHEET 2 OF 2
WLC-00-04002	GENERAL - WILDLIFE CROSSINGS FENCE DETAILS
WLC-00-04003	DS SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 1 OF 38)
WLC-00-04004	DS SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 2 OF 38)
WLC-00-04005	DS SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 3 OF 38)
WLC-00-04006	EE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 4 OF 38)
WLC-00-04007	EE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 5 OF 38)
WLC-00-04008	EW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 6 OF 38)
WLC-00-04009	EW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 7 OF 38)
WLC-00-04010	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 8 OF 38)
WLC-00-04011	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 9 OF 38)
WLC-00-04012	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 10 OF 38)
WLC-00-04013	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 11 OF 38)
WLC-00-04014	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 12 OF 38)
WLC-00-04015	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 13 OF 38)
WLC-00-04016	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 14 OF 38)
WLC-00-04017	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 15 OF 38)
WLC-00-04018	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 16 OF 38)
WLC-00-04019	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 17 OF 38)
WLC-00-04020	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 18 OF 38)
WLC-00-04021	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 19 OF 38)
WLC-00-04022	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 20 OF 38)
WLC-00-04023	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 21 OF 38)
WLC-00-04024	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 22 OF 38)
WLC-00-04025	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 23 OF 38)
WLC-00-04026	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 24 OF 38)
WLC-00-04027	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 25 OF 38)
WLC-00-04028	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 26 OF 38)
WLC-00-04029	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 27 OF 38)
WLC-00-04030	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 28 OF 38)
WLC-00-04031	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 29 OF 38)
WLC-00-04032	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 30 OF 38)
WLC-00-04033	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 31 OF 38)
WLC-00-04034	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 32 OF 38)
WLC-00-04035	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 33 OF 38)
WLC-00-04036	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 34 OF 38)
WLC-00-04037	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 35 OF 38)
WLC-00-04038	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 36 OF 38)
WLC-00-04039	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 37 OF 38)
WLC-00-04040	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 38 OF 38)

PLOT TIME: 9/25/2017 5:41:28 PM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. THOMPSON

DRAWN BY
D. THOMPSON

CHECKED BY
R. BURNS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FRESE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client



TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

GENERAL INDEX SHEET 5 OF 5

Scale
NO SCALE

Drawing Status
FINAL DRAFT

Job No 234180	Drawing No GEN-00-00007	Rev 01
-------------------------	-----------------------------------	------------------

GENERAL NOTES:

1. THESE DRAWINGS ACCOMPANY FINAL DRAFT CONCEPTUAL ENGINEERING REPORT (FDCE) V7 REPORT DATED SEPTEMBER 15, 2017.
2. DRAWING SET INCLUDES FIVE (5) VOLUMES.
3. CONCEPTUAL ENGINEERING WAS DEVELOPED TO IDENTIFY PROJECT LIMIT OF DISTURBANCE (LOD), OR "PROJECT FOOTPRINT". CONCEPTUAL ENGINEERING DRAWINGS AND FDCE REPORT ARE ISSUED TO PROVIDE PROJECT DEFINITION FOR ENVIRONMENTAL ANALYSES ONLY. FINAL DESIGN WOULD BE DEVELOPED TO MITIGATE ANY IMPACTS IDENTIFIED THROUGH ENVIRONMENTAL ANALYSES, NOT FOR CONSTRUCTION.
4. FOR STANDARD GENERAL ABBREVIATIONS, SEE DRAWING GEN-00-0009.
5. FOR STANDARD GENERAL SYMBOLS, SEE DRAWINGS GEN-00-0009.
6. "ORIGINAL GROUND" SHOWN ON PROFILES REFERS TO THE APPROXIMATE EXISTING GROUND LINE AT HSR CENTERLINE AS SHOWN ON PLAN AND PROFILE DRAWINGS.
7. ALL HORIZONTAL AND VERTICAL DISTANCES ARE IN US CUSTOMARY UNITS EXCEPT AS NOTED OTHERWISE.
8. GENERAL NOTES FOR PROJECT ELEMENTS INCLUDED ON GENERAL NOTES PAGES. REFER TO INDIVIDUAL DISCIPLINE DRAWINGS FOR ADDITIONAL NOTES.

BASEMAPPING NOTES:

1. DTM DATA SHOWN ON THE DRAWINGS WAS OBTAINED FROM THE TEXAS NATURAL RESOURCES INFORMATION SYSTEM (TNRIS) AND HOUSTON-GALVESTON AREA COUNCIL (HGAC).
 DALLAS COUNTY LIDAR, 2009, SOURCED FROM TNRIS.
 HGAC LIDAR, 2008.
 TNRIS LIDAR, 2009-2013.
 TNRIS STRATMAP CONTOURS, 1997.
2. LIDAR SOURCES WERE FILTERED TO SHOW ONLY BARE EARTH, AND SUPPLEMENTED BY CONTOUR DATA WHERE LIDAR SOURCES WERE NOT AVAILABLE.
3. NAD 83 HORIZONTAL CONTROL DATUM WAS USED FOR HORIZONTAL COORDINATE VALUES.
4. NAVD 88 VERTICAL DATUM WAS USED FOR ELEVATION VALUES.
5. ALL DATA HAS BEEN REPROJECTED TO TEXAS STATE PLANE, SOUTH CENTRAL, CENTRAL, AND NORTH CENTRAL ZONES, US SURVEY FEET.
6. AERIAL IMAGERY WAS OBTAINED FROM ARCGIS ONLINE SERVICES. SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEX, GETMAPPING, AEROGRIID, IGN, IGP, SWISSTOPO, AND THE GIS USER COMMUNITY.
7. THE BACKGROUND IMAGERY ON THE PLAN SHEETS MAY SHOW BUILDINGS AND OTHER INFRASTRUCTURE FEATURES THAT HAVE SUBSEQUENTLY BEEN REMOVED AND/OR DEMOLISHED, WHERE IT HAS BEEN VERIFIED THAT BUILDINGS HAVE BEEN REMOVED, THE AERIAL IMAGERY ON THE PLAN SHEET IS MARKED WITH HATCHING.

LOD NOTES:

1. THE PROJECT LOD WAS DEVELOPED TO DEFINE A CONSERVATIVE ESTIMATE OF THE POTENTIAL "PROJECT FOOTPRINT" FOR ENVIRONMENTAL ANALYSIS AND DOES NOT REPRESENT THE FINAL HSR RIGHT-OF-WAY (ROW), PROPERTY WITHIN THE LOD MAY BE RETURNED TO ADJACENT LANDOWNERS OR OTHER PRIVATE PARTIES FOLLOWING PROJECT CONSTRUCTION OR MAY BE TRANSFERRED TO ROADWAY OR UTILITY AUTHORITY AS APPROPRIATE. PROPOSED PROJECT WORKS WITHIN PRIVATE PROPERTIES WOULD BE SUBJECT TO NEGOTIATION WITH LANDOWNERS. ANY TEMPORARY OR PERMANENT USE OF LAND OWNED BY TXDOT, COUNTY, MUNICIPAL, OR OTHER PUBLIC ENTITIES WOULD REQUIRE APPROPRIATE APPROVALS.
2. LOD USED FOR EIS ANALYSIS FOOTPRINT.

TRACK NOTES:

1. THE ALIGNMENT SHOWN ON THE PLAN AND PROFILE DRAWINGS REPRESENTS THE CENTERLINE OF THE TWO-TRACK HSR MAINLINE TRACKS.
2. THE PROFILE SHOWN ON THE PLAN AND PROFILE DRAWINGS REPRESENTS THE TOP OF THE LOWER RAIL THROUGH HORIZONTAL CURVES AND SPIRALS FOR THE TWO-TRACK HSR SYSTEM.
3. THE PROPOSED HSR SYSTEM INCLUDES TWO TRACKS WITH ADDITIONAL TRACKS AT STATIONS, MAINTENANCE OF WAY, AND TRAINSET MAINTENANCE FACILITIES, AS SHOWN ON DRAWINGS.
4. MAINLINE CROSSOVERS ARE PROVIDED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF WAY (MOW) FACILITIES, AND TRAINSET MAINTENANCE FACILITIES (TMFS).

PLAN AND PROFILE GENERAL NOTES:

1. SECTION TYPE DETAIL SHOWN ON PROFILE SHEETS REPRESENT A SIMPLIFIED SUMMARY OF THE MAJOR STRUCTURAL TYPE OF THE PROPOSED HSR. THE ACTUAL PLAN DIMENSIONS TAKE PRECEDENCE OVER THE SECTION TYPE IDENTIFIED IN PROFILE.
2. ALL EXISTING AND PROPOSED STRUCTURAL ELEMENTS SHOWN ARE BASED ON CONCEPTUAL ENGINEERING DESIGN AND AERIAL IMAGERY AND MAY BE REVISED BASED ON MORE ADVANCED SURVEY AND DESIGNS.
3. SEE SHEET GEN-00-00010 FOR A KEY TO INFORMATION SHOWN ON PLAN AND PROFILE DRAWINGS.
4. LIMITS OF SPECIAL TRACK WORK ARE INDICATED ON THE PLAN SHEETS. ADDITIONAL DETAILS FOR MAINTENANCE OF WAY FACILITIES AND TRAINSET MAINTENANCE FACILITIES ARE SHOWN ON THE VOLUME 3 DRAWINGS.

ROADWAY NOTES:

1. EXISTING ROADWAY LOCATIONS ARE APPROXIMATE BASED ON AERIAL MAPS.
2. PROPOSED ROADWAY WORKS, INCLUDING NEW ROADWAYS, RECONFIGURATION AND REALIGNMENTS OF EXISTING ROADWAYS, AND ROADWAY REMOVALS ARE CONCEPTUAL IN NATURE AND WERE DEVELOPED TO IDENTIFY GENERAL CONFIGURATION AND LOCATION FOR ENVIRONMENTAL IMPACT ANALYSES. ROADWAY WORKS WOULD BE DETAILED DURING FINAL DESIGN AND WOULD COMPLY WITH APPLICABLE STATE, CITY, COUNTY, OR LOCAL REQUIREMENTS.
3. SEE SHEET GEN-00-00011 FOR A KEY TO INFORMATION SHOWN ON ROADWAY PLAN DRAWINGS.
4. ROADWAY GEOMETRY IS BASED ON TXDOT ROADWAY DESIGN MANUAL. ROAD DESIGN SPEEDS MATCH EXISTING POSTED SPEED LIMITS OR MATCH DESIGN SPEED DETERMINED FROM TXDOT ROADWAY FUNCTIONAL CLASSIFICATION SPEED GUIDELINES, WHICHEVER IS GREATER.
5. SUPERELEVATION TRANSITION LENGTHS WERE NOT DETAILED IN ROADWAY APPROACH DESIGN.
6. SEE DRAWINGS CVL-00-03030 TO CVL-00-03036 FOR TYPICAL ROADWAY CROSS SECTIONS.
7. ROADWAY REMOVALS ARE NOT SHOWN ON RAIL PLAN AND PROFILE SHEETS, REFER TO ROADWAY PLAN SHEETS IN VOLUME 3 FOR ALL ROADWAY REMOVALS.
8. NOT ALL PRIVATE ROADS AND DRIVEWAYS ARE REPRESENTED ON THE RAIL PLAN AND PROFILE SHEETS.
9. THE CLEARANCE ENVELOPES SHOWN ON THE RAIL PLAN AND PROFILE SHEETS REPRESENT THE APPROXIMATE ROADWAY CLEARANCE ENVELOPE. THE BOTTOM OF THE CLEARANCE ENVELOPE REPRESENTS THE TOP OF THE ROADWAY PAVEMENT. CLEARANCE ENVELOPE DOES NOT INCLUDE ROADWAY STRUCTURAL ELEMENTS.
10. ROADWAY ELEVATIONS FOR ROADWAY OVER RAILWAY CROSSING DO NOT REPRESENT THE PROPOSED ROADWAY ELEVATION, BUT RATHER THE MINIMUM HEIGHT REQUIRED FOR CLEARANCES, INCLUDING ALLOWANCES FOR ROADWAY STRUCTURAL ELEMENTS. SEE FDCE REPORT FOR ADDITIONAL INFORMATION.
11. ROADWAY TYPICAL SECTIONS ACCOUNT FOR THE NECESSARY SPACE TO CONSTRUCT TEMPORARY ROADWAYS DURING CONSTRUCTION. CLOSE COORDINATION WITH ROADWAY AUTHORITIES, COMMUNITIES, AND EMERGENCY RESPONSE ENTITIES WOULD BE UNDERTAKEN DURING FINAL DESIGN AND CONSTRUCTION TO ENSURE ACCESS DURING THE CONSTRUCTION PHASE.
12. USE OF TXDOT RIGHT-OF-WAY FOR PERMANENT IMPROVEMENTS WILL REQUIRED THE APPROPRIATE APPROVAL FROM TXDOT.

TYPICAL SECTIONS NOTES:

1. SECTIONS ILLUSTRATE TYPICAL REQUIREMENTS TO GUIDE CONCEPTUAL ENGINEERING DESIGN DEVELOPMENT. LOCATION SPECIFIC CONDITIONS WOULD ESTABLISH REQUIREMENTS AT EACH LOCATION AND OVERALL WIDTH OF LIMIT OF DISTURBANCE WOULD VARY AS IDENTIFIED ON DIMENSION LINES AND IN NOTES.
2. OFFSET BETWEEN INFRASTRUCTURE ELEMENTS SUCH AS DISTANCE BETWEEN EMBANKMENT, FENCES, DRAINAGE SWALE, ACCESS ROAD, ETC. WOULD VARY BASED ON LOCAL REQUIREMENTS AND SITE SPECIFIC CONDITIONS.
3. TYPICAL ROADWAY DRAINAGE SYSTEM PROVIDED AS SHOWN IN TYPICAL SECTIONS. LOCATION SPECIFIC CONFIGURATION AND SIZE WOULD BE ADVANCED DURING MORE DETAILED DESIGN.
4. LOCATION SPECIFIC CONDITIONS WOULD DICTATE FENCING REQUIREMENTS.
5. EMBANKMENT HEIGHTS AND CUT DEPTHS VARY WITH SURROUNDING GRADE AND RAIL PROFILE ELEVATION.
6. CRASH BARRIERS NOT SHOWN. LOCATION SPECIFIC CONDITIONS WILL DICTATE CRASH BARRIER REQUIREMENTS TO ENSURE SAFETY AND TO SATISFY APPLICABLE REGULATORY REQUIREMENTS.
7. SUBSURFACE GROUND IMPROVEMENTS ARE NOT SHOWN AND WILL BE BASED ON SITE SPECIFIC REQUIREMENTS.
8. RAIL HEIGHT VARIES WITH SURROUNDING GRADE AND RAIL PROFILE. THE BOTTOM OF SUBBALLAST SHALL BE NO LESS THAN 2FT ABOVE 100 YEAR FLOODPLAIN.

UTILITIES NOTES:

1. REFER TO THE FDCE REPORT FOR A LIST OF MAJOR UTILITY CROSSINGS, THEIR ASSUMED SIZE, AND ASSOCIATED LOCATIONS ALONG THE ALIGNMENT.
2. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY AND ARE BASED ON INFORMATION RECEIVED, AS DOCUMENTED IN THE FINAL DRAFT CONCEPTUAL ENGINEERING REPORT.
3. NO FIELD SURVEYS HAVE BEEN CONDUCTED TO LOCATE AND VERIFY UTILITY LOCATIONS.
4. NOT ALL EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN. REFER TO THE FDCE REPORT FOR MAJOR UTILITIES INCLUDED IN PROJECT MAPPING.
5. LOD NOT SHOWN FOR UTILITIES THAT ARE NOT IMPACTED BY THE ALIGNMENT. ONLY MAJOR UTILITIES THAT ARE PROTECTED, RELOCATED OR ELEVATED ARE SHOWN ON THE PLAN AND PROFILE VIEW, REFER TO DRAWING NO. CUT-00-0100 FOR TYPICAL UTILITY CROSSING DETAILS. UTILITY LODS FOR FUTURE PROPOSED CONNECTIONS TO TPSS FACILITIES ARE SHOWN.
6. FOR PARALLEL TRANSMISSION LINE CROSSINGS OVER NEW ELEVATED ROADWAYS, A LOD IS SHOWN ON THE PLAN ONLY. REFER TO DRAWING NO. CUT-00-0100 FOR TYPICAL UTILITY CROSSING DETAILS.
7. MANY UTILITY CONFLICTS ALONG THE HEMPSTEAD ROAD CORRIDOR IN HOUSTON WOULD BE RESOLVED DURING FINAL DESIGN. A CONTINUOUS LOD IS SHOWN ON THE DRAWINGS TO REPRESENT THAT UTILITIES WOULD BE RELOCATED ON ONE OR BOTH SIDES OF THE ROADWAY AS REQUIRED. ALL WORK WOULD BE COORDINATED WITH UTILITY PROVIDERS TO MINIMIZE IMPACTS AND COORDINATE WITH OTHER PLANNED UTILITY PROJECTS ALONG CORRIDOR.
8. FOR UTILITY WORK REQUIRED BY UTILITY COMPANIES, EACH UTILITY OWNER WOULD DEVELOP THE DESIGN IN ACCORDANCE WITH APPLICABLE DESIGN STANDARDS AND REGULATORY AGENCY REVIEW PROCESSES.

DRAINAGE NOTES:

1. PROPOSED DETENTION BASIN LOCATIONS AND DIMENSIONS SHOWN ARE APPROXIMATE AND ARE INTENDED FOR PRELIMINARY PLANNING AND ENVIRONMENTAL IMPACT ANALYSIS PURPOSES ONLY. SITE SPECIFIC CONFIGURATIONS WOULD BE DEVELOPED DURING FINAL DESIGN IN ACCORDANCE WITH APPLICABLE REQUIREMENTS.
2. EXISTING CULVERTS ARE NOT SHOWN.
3. PROPOSED TRACK AND ROADWAY STORMWATER DRAINAGE WOULD BE DEVELOPED DURING FINAL DESIGN IN ACCORDANCE WITH APPLICABLE REQUIREMENTS. REFER TO TYPICAL SECTION DRAWINGS FOR PROPOSED CONFIGURATIONS.
4. EXISTING STORMWATER FACILITIES ARE NOT SHOWN.
5. TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) WATER QUALITY CRITERIA WOULD BE MET FOR STORMWATER RUNOFF AND PROTECTION OF EXISTING WATER RESOURCES.
6. CONSTRUCTION OF THE RAIL MAY REQUIRE THE RECONFIGURATION OF PONDS OR STOCK TANKS IMMEDIATELY ADJACENT TO THE RAIL CORRIDOR. IN CASES WHERE THE CURRENT DESIGN NECESSITATES A FULL RELOCATION OF THE POND, ALLOWANCES HAVE BEEN MADE WITHIN THE LOD. IN CASES WHERE THE FULL RELOCATION OF THE POND IS NOT REQUIRED UNDER THE CURRENT DESIGN, ADDITIONAL LANDOWNER NEGOTIATIONS WILL BE REQUIRED TO DETERMINE LAND OWNER PREFERENCES.

STRUCTURES GENERAL NOTES:

1. TYPICAL SECTIONS WERE DEVELOPED TO IDENTIFY GENERAL ARRANGEMENTS AND ALLOWANCES FOR STRUCTURAL ELEMENTS. TYPICAL SECTIONS WERE USED AS THE BASIS FOR DEVELOPMENT OF LOD FOR ENVIRONMENTAL ANALYSIS.
2. APPROXIMATE HSR VIADUCT AND BRIDGE STRUCTURE LIMITS AND DEPTHS ARE SHOWN ON THE PROFILES TO SUPPORT ENVIRONMENTAL IMPACT ANALYSIS. LIMITS OF STRUCTURES AND EMBANKMENTS WOULD BE REFINED DURING FINAL DESIGN.
3. PLAN AND PROFILE DRAWINGS DO NOT SHOW LIMITS OF STRUCTURES IN PLAN VIEW. SITE SPECIFIC STRUCTURAL DESIGN WOULD BE DEVELOPED DURING FINAL ENGINEERING IN ACCORDANCE WITH APPLICABLE REQUIREMENTS. DESIGN OF FOUNDATIONS, ABUTMENTS, PIERS AND OTHER STRUCTURES WOULD BE DEVELOPED TO MITIGATE ANY IMPACTS IDENTIFIED THROUGH ENVIRONMENTAL ANALYSIS.
4. HSR PROFILE WAS DEVELOPED TO PROVIDE A MINIMUM 3FT VERTICAL CLEAR DISTANCE FROM ESTIMATED 100 YEAR FLOOD LEVEL TO BRIDGE SOFFIT FOR RIVER AND FLOODPLAIN CROSSINGS. FINAL DESIGN WOULD BE DEVELOPED TO MEET OR EXCEED THIS REQUIREMENT.
5. SPECIAL STRUCTURES WOULD BE REQUIRED TO MITIGATE IMPACTS OR ADDRESS UNIQUE SITE SPECIFIC ISSUES SUCH AS LONG SPANS, CROSSOVER STRUCTURES, AND STRADDLE BENTS TO AVOID OR MITIGATE IMPACTS. THE CONSTRUCTABILITY REPORT IDENTIFIES SPECIAL STRUCTURE LOCATIONS. PLAN AND PROFILE DRAWINGS IDENTIFY ADDITIONAL LOD EXPECTED FOR CONSTRUCTION STAGING AND WORKING AREAS FOR SPECIAL STRUCTURES.

SYSTEMS GENERAL NOTES:

1. SYSTEMS SCHEMATICS, SHOWN ON SHEETS SYS-00-02000 THROUGH SYS-00-02005, SHOW LOCATIONS OF SYSTEMS FACILITIES THAT HAVE BEEN INCLUDED FOR EACH END-TO-END ALTERNATIVE.
2. AREA FOR SYSTEMS FACILITY SITES HAVE BEEN INCLUDED WITHIN THE PROJECT LOD. THESE AREAS ARE GENERICALLY CALLED OUT AS "RAIL SYSTEMS SITES" ON THE PLAN AND PROFILE SHEETS, REFER TO FDCE REPORT TO DETERMINE THE SPECIFIC FACILITY TYPE AT EACH INDIVIDUAL LOCATION.
3. TYPICAL LAYOUT PLANS FOR EACH OF THE SYSTEMS FACILITIES ARE INCLUDED IN SHEETS SYS-00-01000 THROUGH SYS-00-01002.
4. LOD DEVELOPED FOR ENVIRONMENTAL IMPACT ANALYSIS OF SYSTEMS SITES INCLUDED SPACE FOR A DRIVEWAY AND SPACE TO PARK A LIMITED NUMBER OF MAINTENANCE VEHICLES.
5. SYSTEMS BUILDINGS WOULD BE DETAILED DURING FINAL DESIGN TO CONSIDER SITE SPECIFIC CONDITIONS, BE CONTEXT SENSITIVE, AND MINIMIZE VISUAL IMPACT. THE RADIO MAST AT COMMUNICATION FACILITIES WOULD BE APPROXIMATELY 50FT (15M) ABOVE THE TOP OF RAIL ELEVATION.
6. TPSS WOULD BE CONNECTED TO THE NEAREST 138KV TRANSMISSION LINES DESIGNED BY UTILITY PROVIDER AND SUBJECT TO ENVIRONMENTAL REVIEW.

FACILITY NOTES:

1. PROPOSED HSR FACILITIES WOULD INCLUDE STATIONS AND ASSOCIATED PARKING GARAGES, MAINTENANCE OF WAY (MOW) FACILITIES, TRAINSET MAINTENANCE FACILITIES (TMF), AND RAILWAY SYSTEMS SITES, INCLUDING TRACTION POWER SUPPLY FACILITIES, SIGNAL HOUSES, AND COMMUNICATIONS HOUSES. LOCATIONS, LIMITS OF DISTURBANCE, AND AREAS SHOWN FOR THE VARIOUS PROPOSED FACILITIES ARE FOR PRELIMINARY PLANNING PURPOSES ONLY.
2. ALL FACILITIES WOULD BE POWERED FROM THE LOCAL UTILITY GRID.
3. ACCESS, SECURITY, AND UTILITY PROVISION REQUIREMENTS FOR ALL FACILITIES WOULD BE DETAILED DURING FINAL DESIGN.

CONSTRUCTION CONSIDERATION NOTES:

1. CONSTRUCTION REQUIREMENTS WERE CONSIDERED DURING DEVELOPMENT OF THE CONCEPTUAL ENGINEERING AND ARE DOCUMENTED IN THE PROJECT CONSTRUCTABILITY REPORT.
2. TEMPORARY CONSTRUCTION AREAS REQUIRED FOR CONSTRUCTION ACCESS, CONSTRUCTION STAGING, AND PRECASTING FACILITIES WERE IDENTIFIED DURING DEVELOPMENT OF THE CONCEPTUAL ENGINEERING. CONSTRUCTION STAGING AREAS AND PRECAST FACILITIES ARE INCLUDED IN THE PROJECT LOD.
3. SPECIAL STRUCTURES REQUIRED TO MITIGATE IMPACTS OR ADDRESS UNIQUE SITE SPECIFIC ISSUES SUCH AS LONG SPANS, CROSSOVER STRUCTURES, AND STRADDLE BENTS ARE IDENTIFIED IN THE CONSTRUCTABILITY REPORT.
4. MEASURES REQUIRED TO MITIGATE NOISE, TRAFFIC, AND OTHER ENVIRONMENTAL IMPACTS WOULD BE IDENTIFIED THROUGH THE ENVIRONMENTAL ANALYSES. MORE DETAILED DESIGN INCLUDING DEVELOPMENT OF MAINTENANCE AND PROTECTION OF TRAFFIC AND OTHER CONSTRUCTION SPECIFIC PLANS AND PROCEDURES WOULD BE REQUIRED TO SECURE APPLICABLE PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY D. THOMPSON
DRAWN BY D. THOMPSON
CHECKED BY R. BURNS
IN CHARGE C. TAYLOR
DATE 09/15/2017



Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990



2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

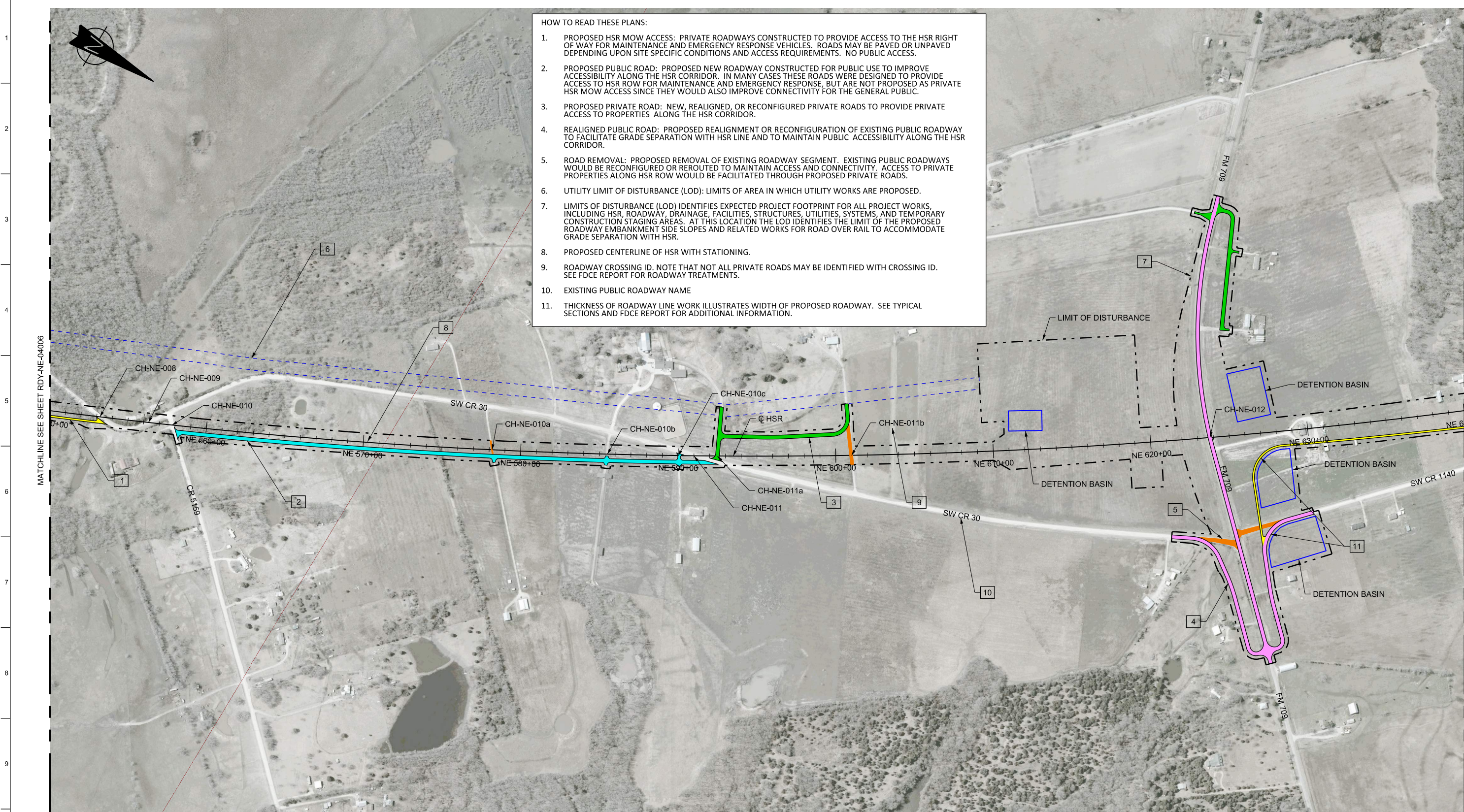


1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

GENERAL NOTES

Scale NO SCALE		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No GEN-00-00008	Rev 01



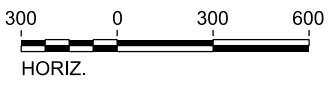
- HOW TO READ THESE PLANS:
1. PROPOSED HSR MOW ACCESS: PRIVATE ROADWAYS CONSTRUCTED TO PROVIDE ACCESS TO THE HSR RIGHT OF WAY FOR MAINTENANCE AND EMERGENCY RESPONSE VEHICLES. ROADS MAY BE PAVED OR UNPAVED DEPENDING UPON SITE SPECIFIC CONDITIONS AND ACCESS REQUIREMENTS. NO PUBLIC ACCESS.
 2. PROPOSED PUBLIC ROAD: PROPOSED NEW ROADWAY CONSTRUCTED FOR PUBLIC USE TO IMPROVE ACCESSIBILITY ALONG THE HSR CORRIDOR. IN MANY CASES THESE ROADS WERE DESIGNED TO PROVIDE ACCESS TO HSR ROW FOR MAINTENANCE AND EMERGENCY RESPONSE, BUT ARE NOT PROPOSED AS PRIVATE HSR MOW ACCESS SINCE THEY WOULD ALSO IMPROVE CONNECTIVITY FOR THE GENERAL PUBLIC.
 3. PROPOSED PRIVATE ROAD: NEW, REALIGNED, OR RECONFIGURED PRIVATE ROADS TO PROVIDE PRIVATE ACCESS TO PROPERTIES ALONG THE HSR CORRIDOR.
 4. REALIGNED PUBLIC ROAD: PROPOSED REALIGNMENT OR RECONFIGURATION OF EXISTING PUBLIC ROADWAY TO FACILITATE GRADE SEPARATION WITH HSR LINE AND TO MAINTAIN PUBLIC ACCESSIBILITY ALONG THE HSR CORRIDOR.
 5. ROAD REMOVAL: PROPOSED REMOVAL OF EXISTING ROADWAY SEGMENT. EXISTING PUBLIC ROADWAYS WOULD BE RECONFIGURED OR REROUTED TO MAINTAIN ACCESS AND CONNECTIVITY. ACCESS TO PRIVATE PROPERTIES ALONG HSR ROW WOULD BE FACILITATED THROUGH PROPOSED PRIVATE ROADS.
 6. UTILITY LIMIT OF DISTURBANCE (LOD): LIMITS OF AREA IN WHICH UTILITY WORKS ARE PROPOSED.
 7. LIMITS OF DISTURBANCE (LOD) IDENTIFIES EXPECTED PROJECT FOOTPRINT FOR ALL PROJECT WORKS, INCLUDING HSR, ROADWAY, DRAINAGE, FACILITIES, STRUCTURES, UTILITIES, SYSTEMS, AND TEMPORARY CONSTRUCTION STAGING AREAS. AT THIS LOCATION THE LOD IDENTIFIES THE LIMIT OF THE PROPOSED ROADWAY EMBANKMENT SIDE SLOPES AND RELATED WORKS FOR ROAD OVER RAIL TO ACCOMMODATE GRADE SEPARATION WITH HSR.
 8. PROPOSED CENTERLINE OF HSR WITH STATIONING.
 9. ROADWAY CROSSING ID. NOTE THAT NOT ALL PRIVATE ROADS MAY BE IDENTIFIED WITH CROSSING ID. SEE FDCE REPORT FOR ROADWAY TREATMENTS.
 10. EXISTING PUBLIC ROADWAY NAME
 11. THICKNESS OF ROADWAY LINE WORK ILLUSTRATES WIDTH OF PROPOSED ROADWAY. SEE TYPICAL SECTIONS AND FDCE REPORT FOR ADDITIONAL INFORMATION.

MATCHLINE SEE SHEET RDY-NE-04006

MATCHLINE SEE SHEET RDY-NE-04008

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. ALMAGUER

DRAWN BY
P. TONKIN

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREES & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

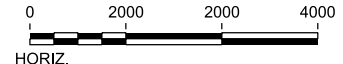
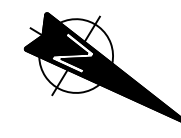
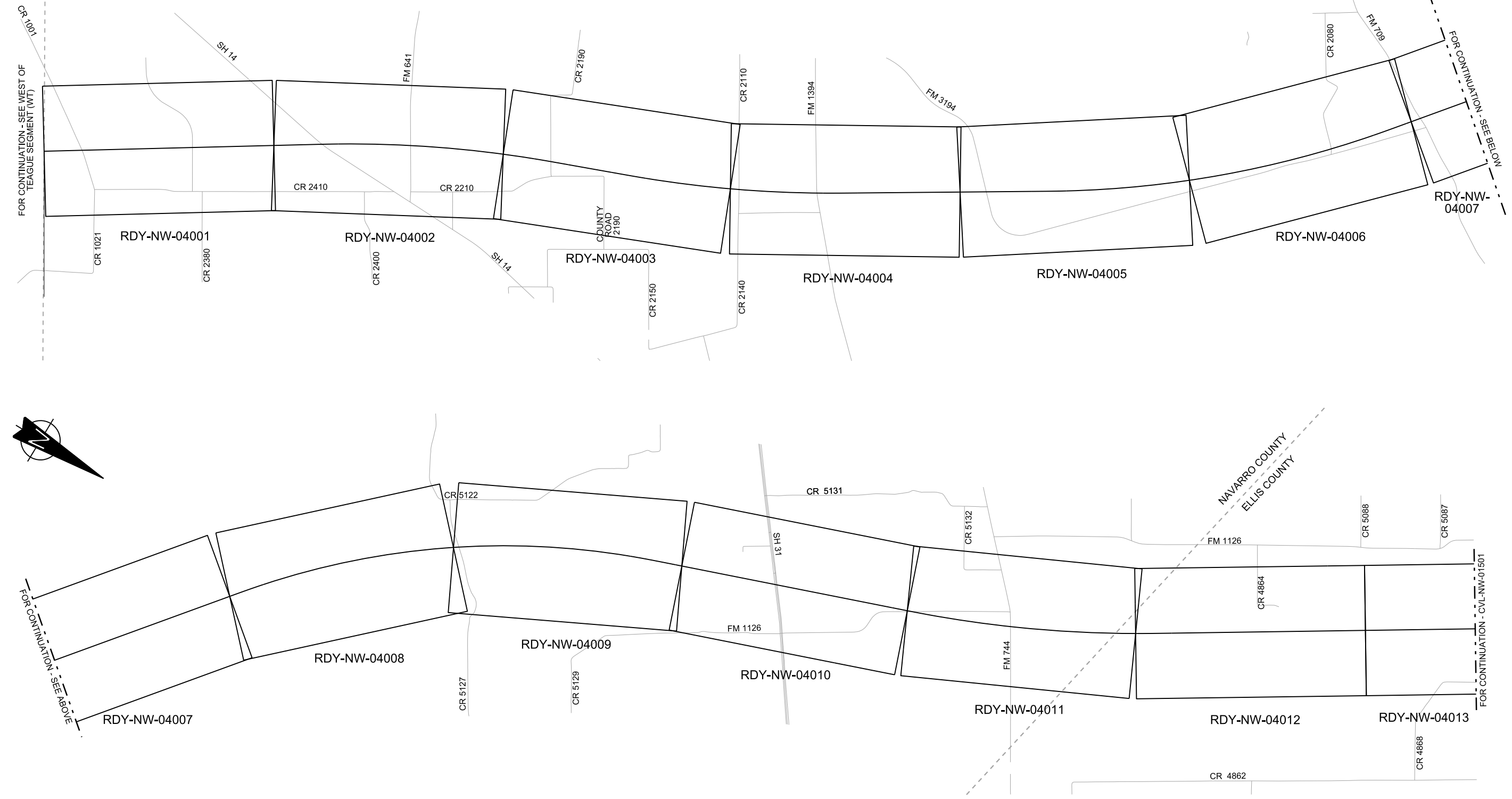
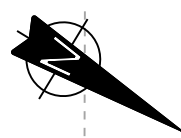
Drawing Title

GENERAL

ROADWAY ANNOTATION TO CLARIFY DESIGN INTENT

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No GEN-00-00011	Rev 01

4-4
NAVARRO WEST SEGMENT



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
D. THOMPSON

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FRESE AND NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client

TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
KEY MAP - SHEET 1 OF 2
NW 10+00 TO NW 1120+00**

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-01101	Rev 01



FOR CONTINUATION - RDY-NW-01101

FOR CONTINUATION - SEE ELLIS WEST AND EAST SEGMENTS (EW & EE)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
D. THOMPSON

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FRESE AND NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client



TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
KEY MAP - SHEET 2 OF 2
NW 1120+00 TO NW 1637+09**

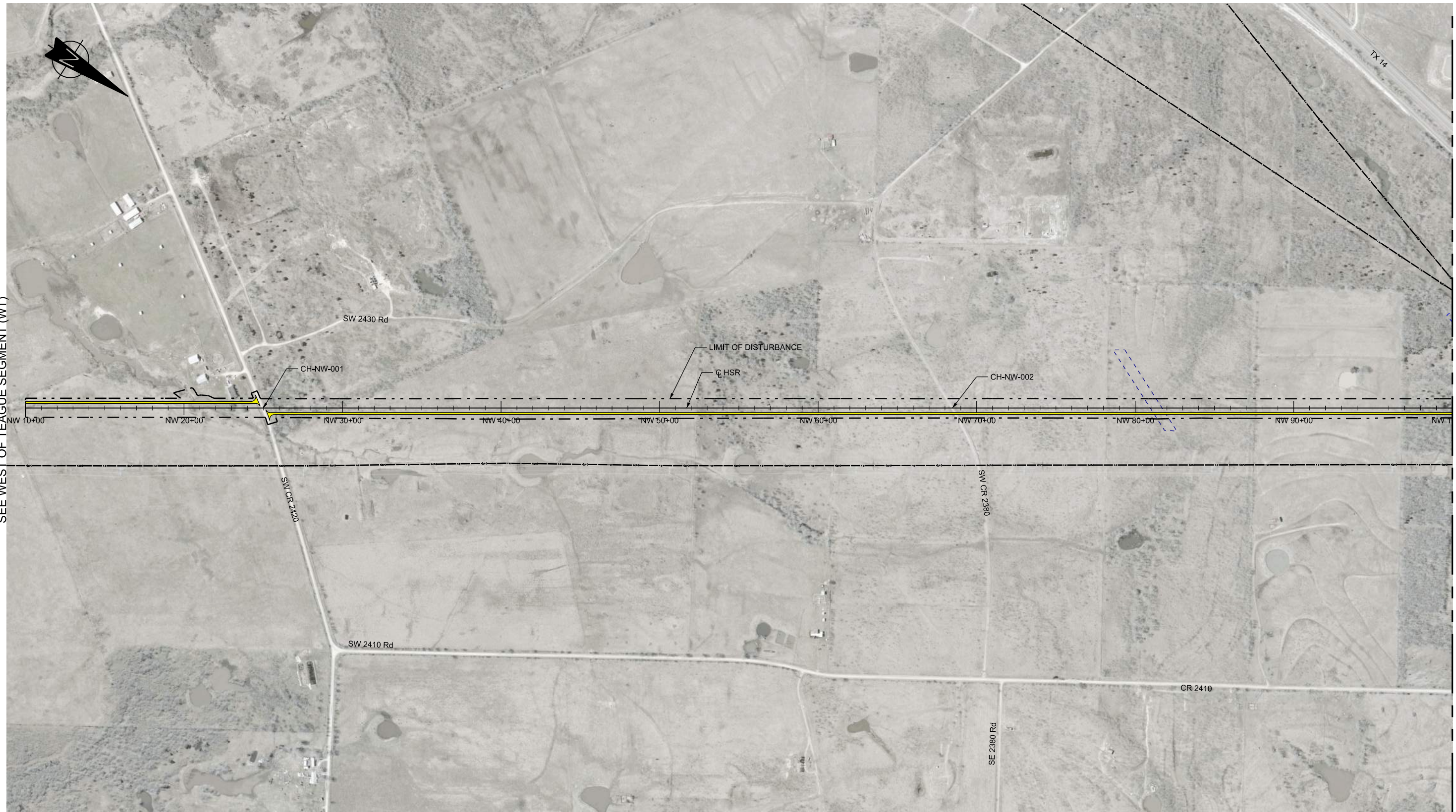
Scale
AS SHOWN

Drawing Status
FINAL DRAFT

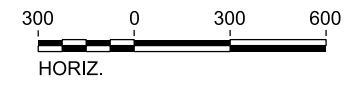
Job No	Drawing No	Rev
234180	RDY-NW-01102	01

FOR CONTINUATION -
SEE WEST OF TEAGUE SEGMENT (WT)

MATCHLINE SEE SHEET RDY-NW-04002



LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	S. SASSER
DRAWN BY	J. ALMAGUER
CHECKED BY	G. VOWELS
IN CHARGE	C. TAYLOR
DATE	09/15/2017

ARUP
 Arup Texas, Inc.
 10370 Richmond Ave., Suite 475
 Houston, Texas 77042 USA
 Tel (713) 783 2787 Fax (713) 343 1467
 www.arup.com
 Texas Registered Engineering Firm: F-1990

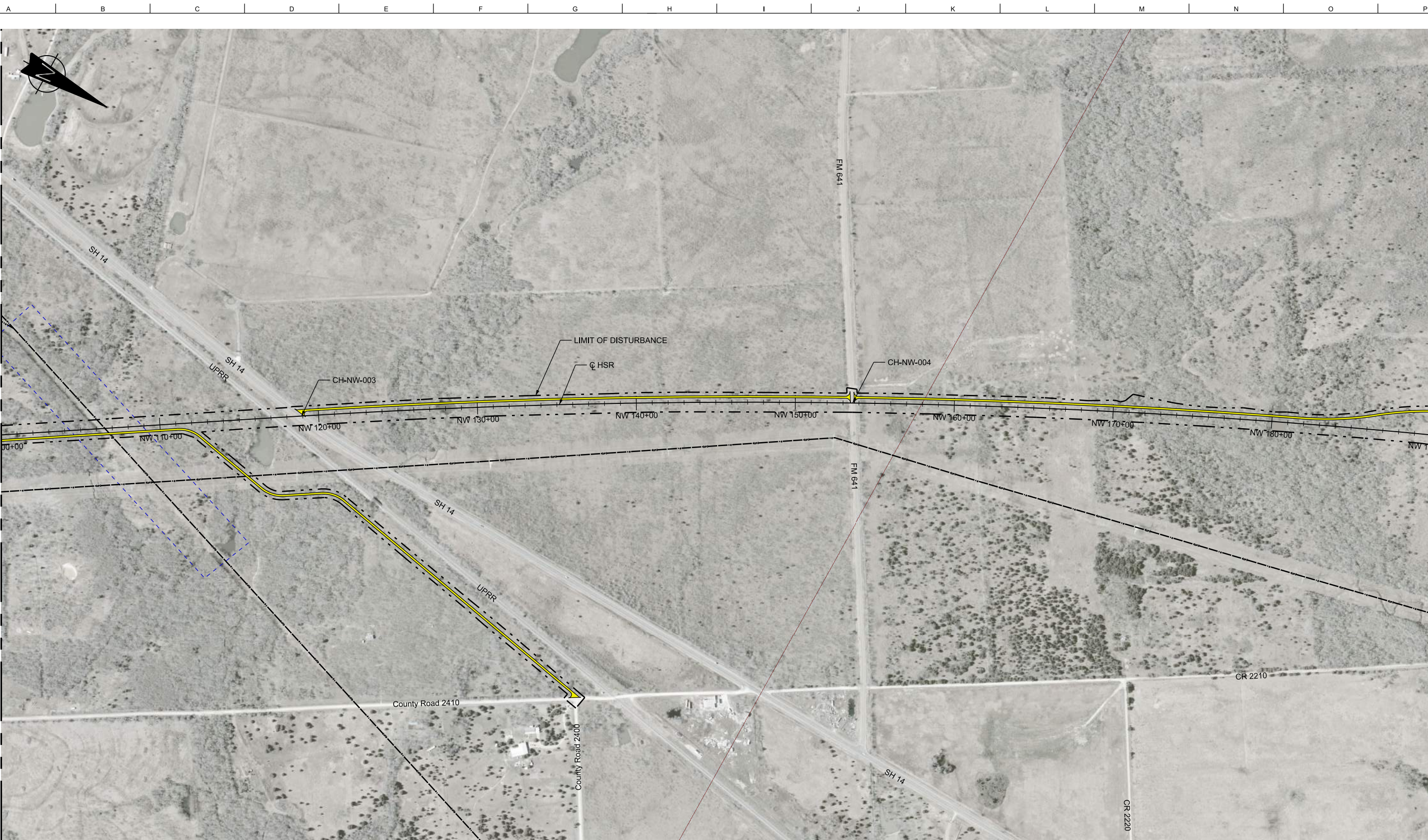
FRESE & NICHOLS
 2711 North Haskell Ave., Suite 3300
 Dallas, Texas 75204
 Tel (214) 217 2200 Fax (214) 217 2201
 www.freese.com
 Texas Registered Engineering Firm: F-2144

Client

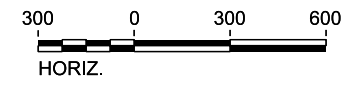
TEXAS CENTRAL
 1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
 CIVIL HIGHWAY
 PLAN VIEW - STA.
 NW 10+00 TO NW 100+00**

Scale	AS SHOWN	
Drawing Status	FINAL DRAFT	
Job No	Drawing No	Rev
234180	RDY-NW-04001	01



LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

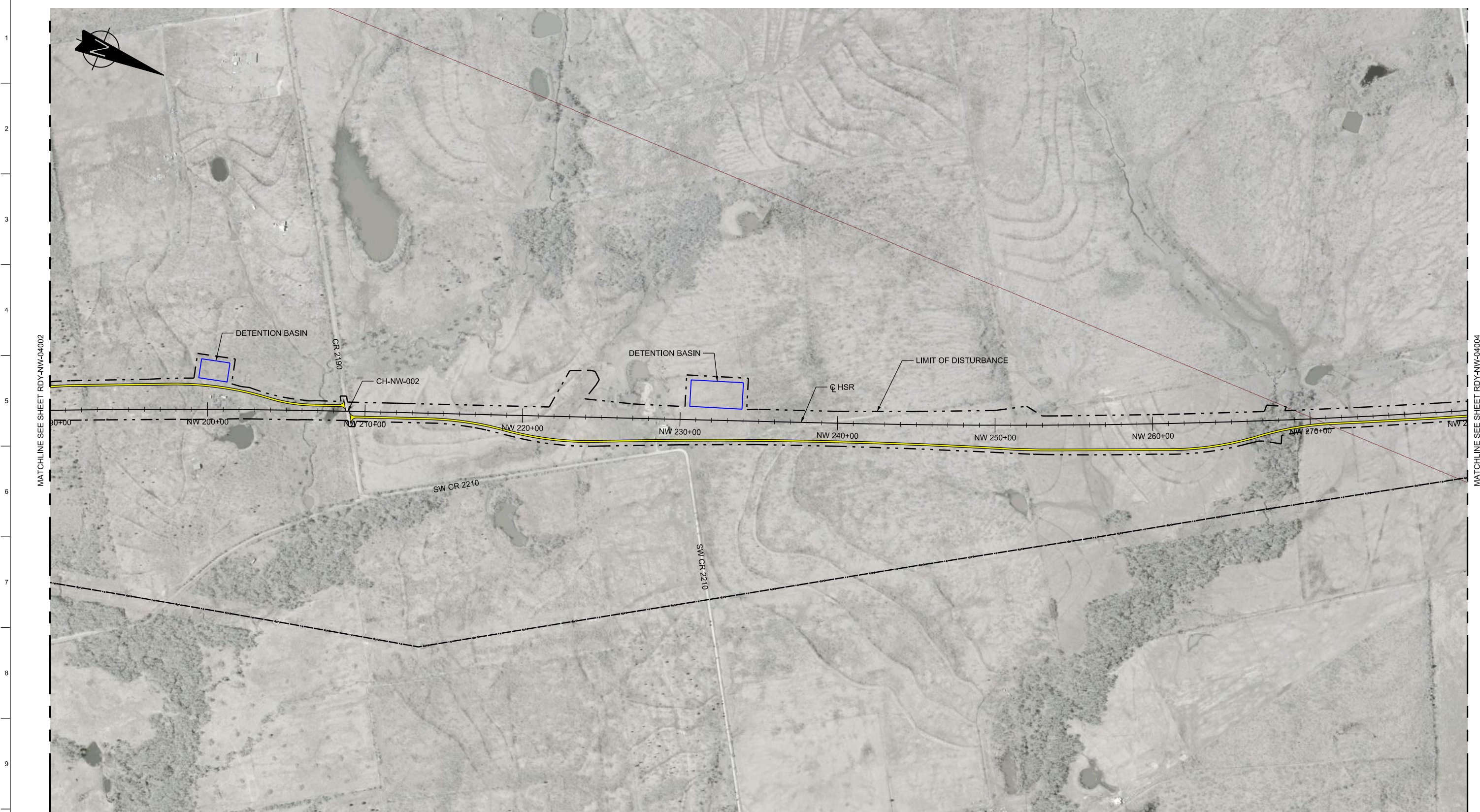
Client

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 100+00 TO NW 190+00**

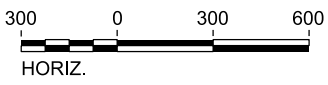
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04002	Rev 01



MATCHLINE SEE SHEET RDY-NW-04002

MATCHLINE SEE SHEET RDY-NW-04004

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freesse.com
Texas Registered Engineering Firm: F-2144

Client

TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 190+00 TO NW 280+00**

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04003	Rev 01

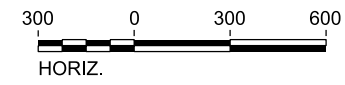


MATCHLINE SEE SHEET RDY-NW-04003

MATCHLINE SEE SHEET RDY-NW-04005



LEGEND	
 PROPOSED HSR MOW ACCESS	 ROAD REMOVAL
 PROPOSED PUBLIC ROAD	 UTILITY LIMIT OF DISTURBANCE
 PROPOSED PRIVATE ROAD	 ELECTRICAL TRANS. LINE
 REALIGNED PUBLIC ROAD	



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP
 Arup Texas, Inc.
 10370 Richmond Ave., Suite 475
 Houston, Texas 77042 USA
 Tel (713) 783 2787 Fax (713) 343 1467
 www.arup.com
 Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS
 2711 North Haskell Ave., Suite 3300
 Dallas, Texas 75204
 Tel (214) 217 2200 Fax (214) 217 2201
 www.freese.com
 Texas Registered Engineering Firm: F-2144

Client

TEXAS CENTRAL
 1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
 CIVIL HIGHWAY
 PLAN VIEW - STA.
 NW 280+00 TO NW 370+00**

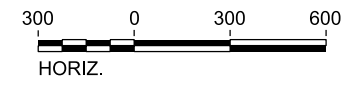
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04004	Rev 01



MATCHLINE SEE SHEET RDY-NW-04004

MATCHLINE SEE SHEET RDY-NW-04006

LEGEND	
 PROPOSED HSR MOW ACCESS	 ROAD REMOVAL
 PROPOSED PUBLIC ROAD	 UTILITY LIMIT OF DISTURBANCE
 PROPOSED PRIVATE ROAD	 ELECTRICAL TRANS. LINE
 REALIGNED PUBLIC ROAD	



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

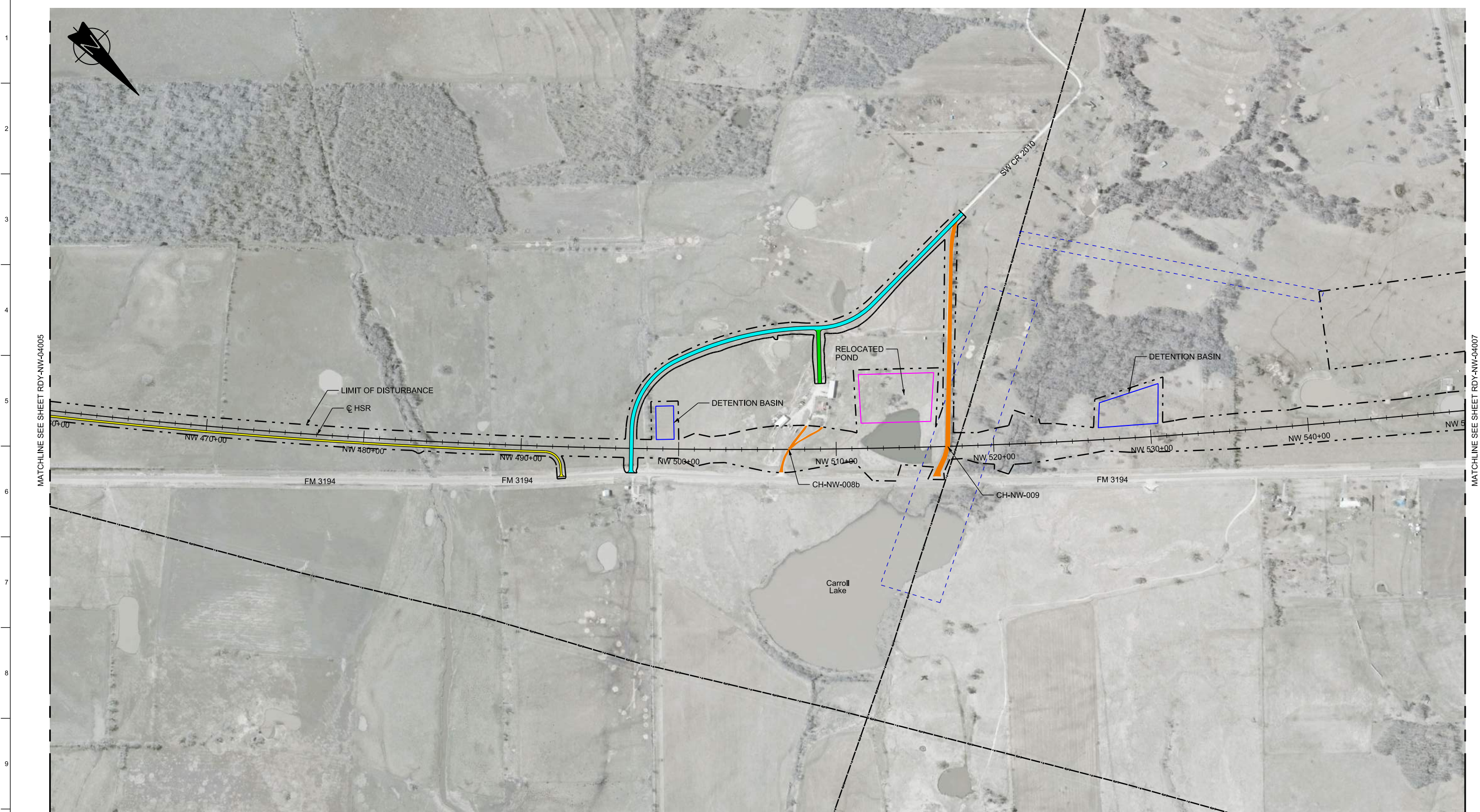
ARUP
Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS
2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client
TEXAS CENTRAL
1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 370+00 TO NW 460+00**

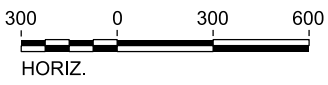
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04005	Rev 01



MATCHLINE SEE SHEET RDY-NW-04005

MATCHLINE SEE SHEET RDY-NW-04007

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017



Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990



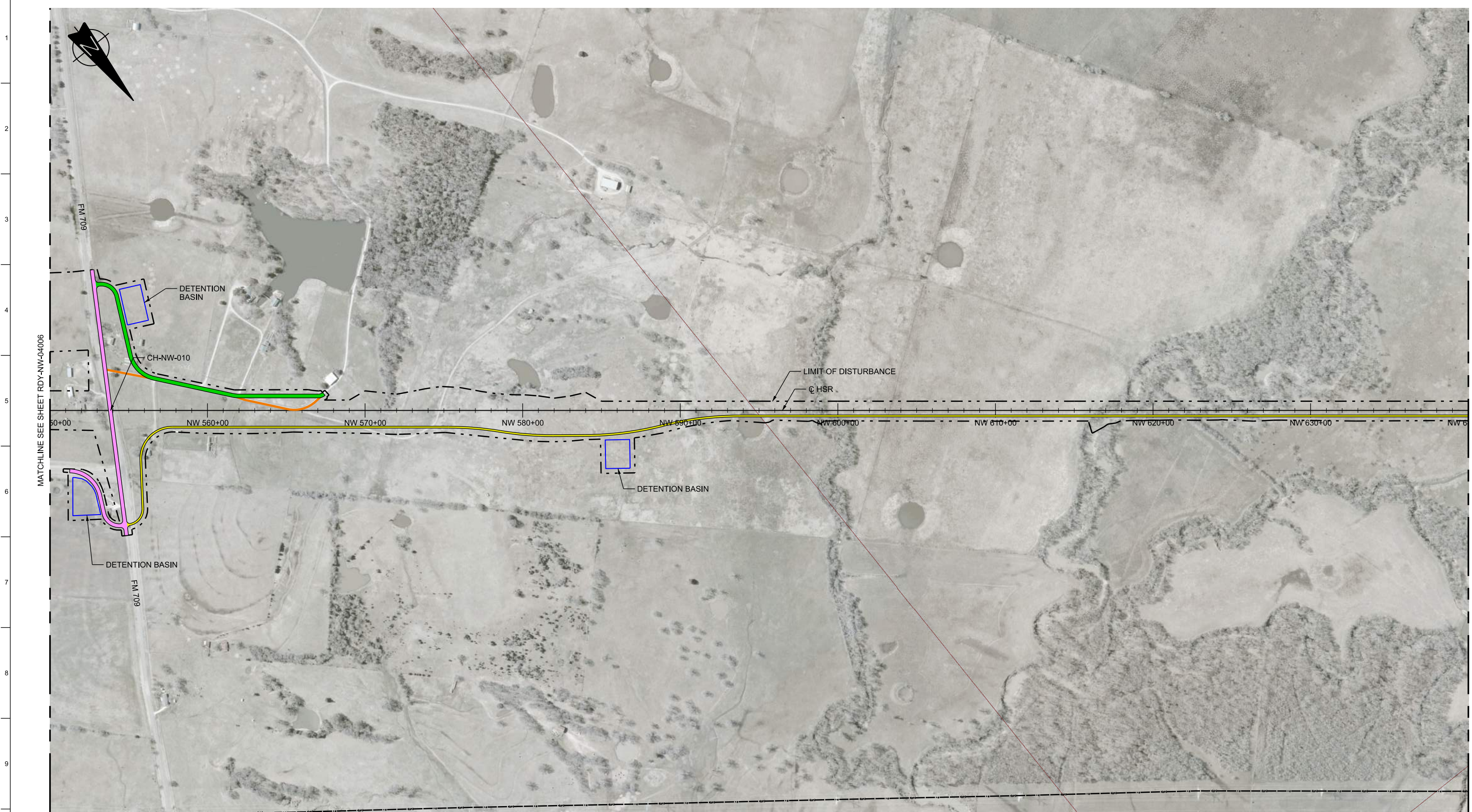
2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144



Client
1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 460+00 TO NW 550+00**

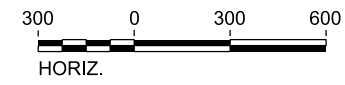
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04006	Rev 01



MATCHLINE SEE SHEET RDY-NW-04006

MATCHLINE SEE SHEET RDY-NW-04008

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREES & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

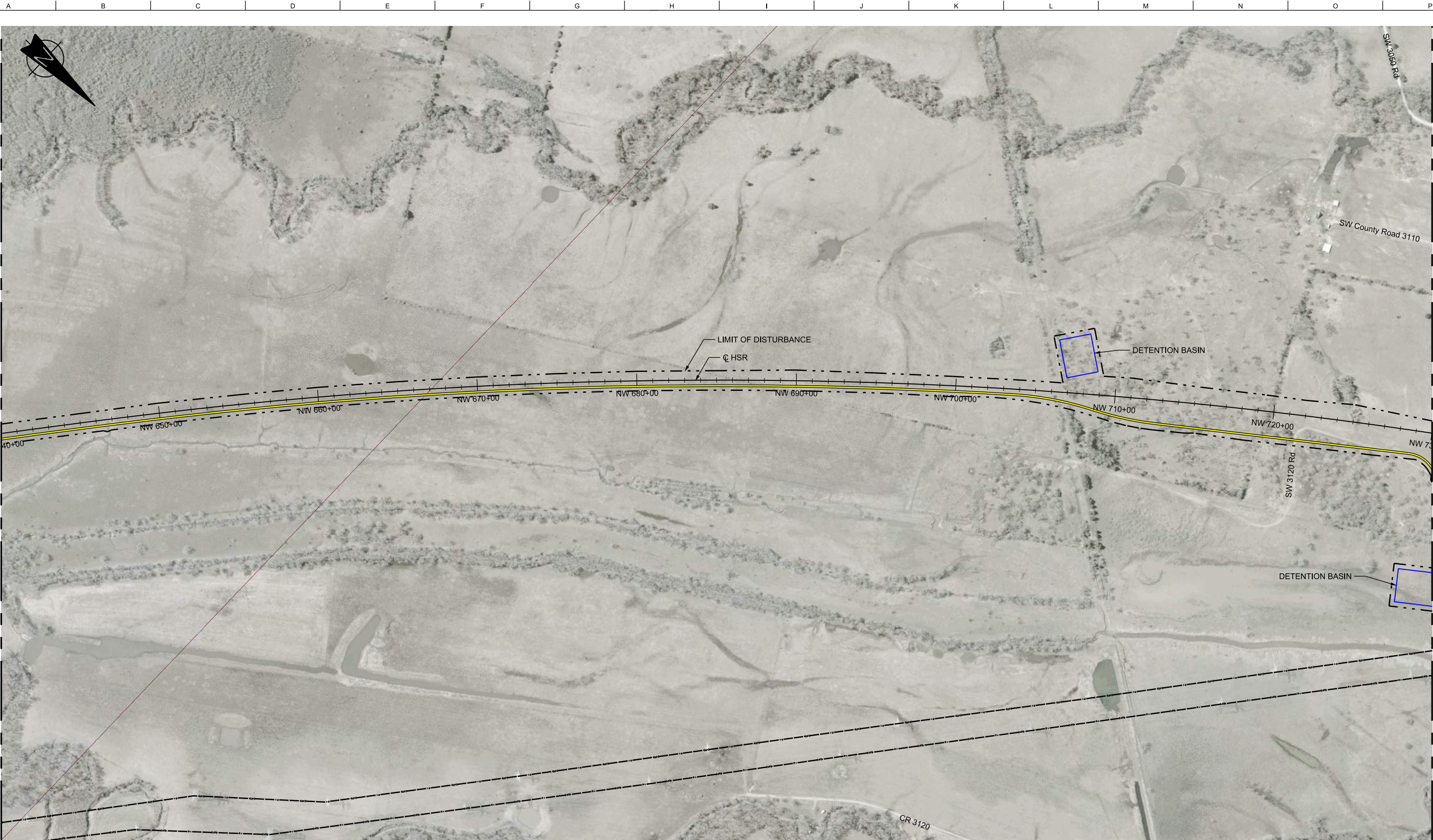
Client

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

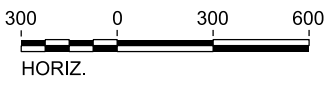
Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 550+00 TO NW 640+00**

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04007	Rev 01



LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. SASSER
DRAWN BY J. ALMAGUER
CHECKED BY G. VOWELS
IN CHARGE C. TAYLOR
DATE 09/15/2017

ARUP
 Arup Texas, Inc.
 10370 Richmond Ave., Suite 475
 Houston, Texas 77042 USA
 Tel (713) 783 2787 Fax (713) 343 1467
 www.arup.com
 Texas Registered Engineering Firm: F-1990

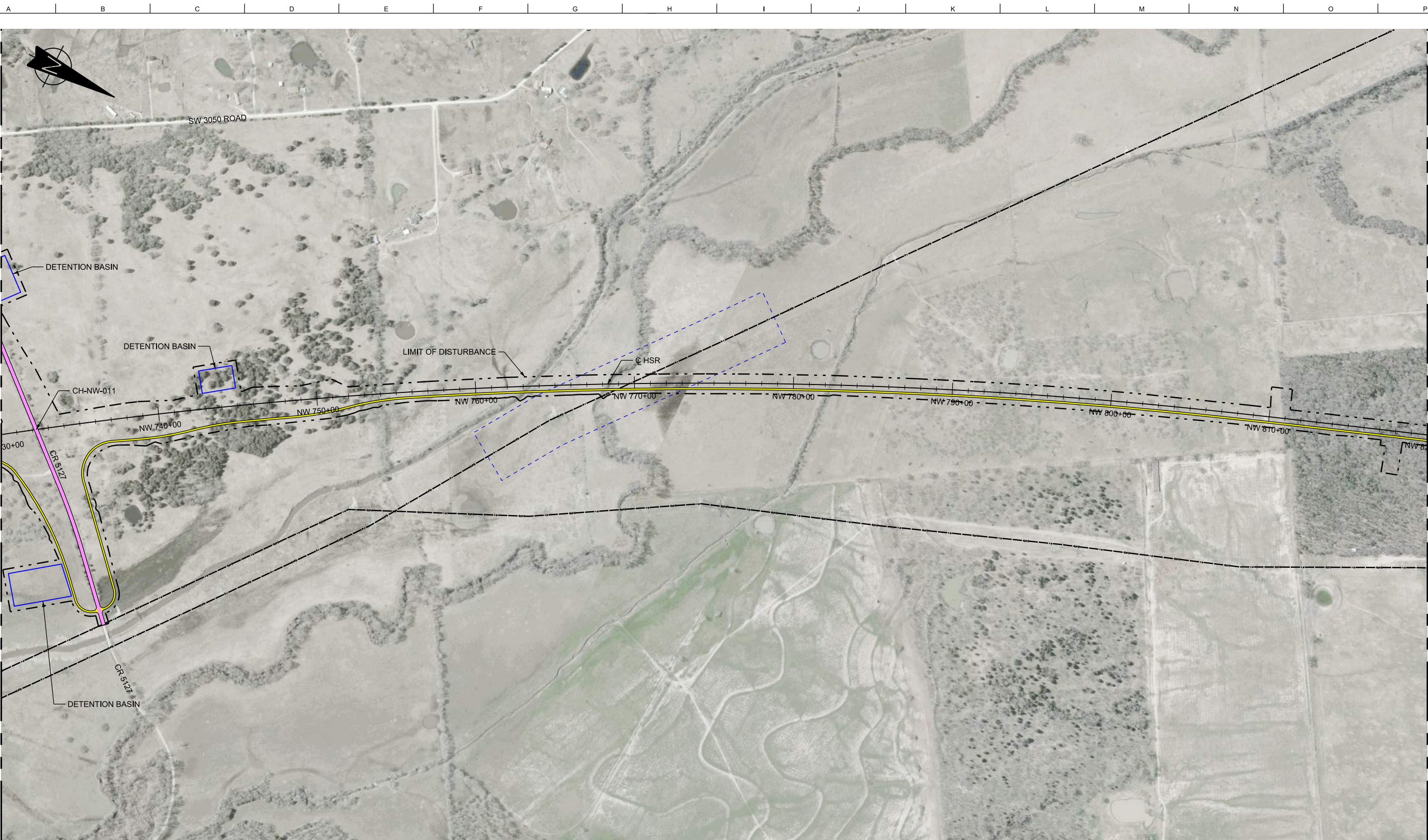
FREESSE & NICHOLS
 2711 North Haskell Ave., Suite 3300
 Dallas, Texas 75204
 Tel (214) 217 2200 Fax (214) 217 2201
 www.freesse.com
 Texas Registered Engineering Firm: F-2144

Client

TEXAS CENTRAL
 1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
 CIVIL HIGHWAY
 PLAN VIEW - STA.
 NW 640+00 TO NW 730+00**

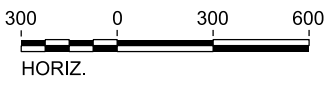
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04008	Rev 01



MATCHLINE SEE SHEET RDY-NW-04008

MATCHLINE SEE SHEET RDY-NW-04010

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client

TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 730+00 TO NW 820+00**

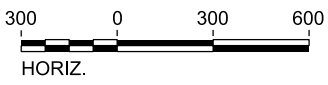
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04009	Rev 01



LEGEND

	PROPOSED HSR MOW ACCESS		ROAD REMOVAL
	PROPOSED PUBLIC ROAD		UTILITY LIMIT OF DISTURBANCE
	PROPOSED PRIVATE ROAD		ELECTRICAL TRANS. LINE
	REALIGNED PUBLIC ROAD		

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freesse.com
Texas Registered Engineering Firm: F-2144

Client

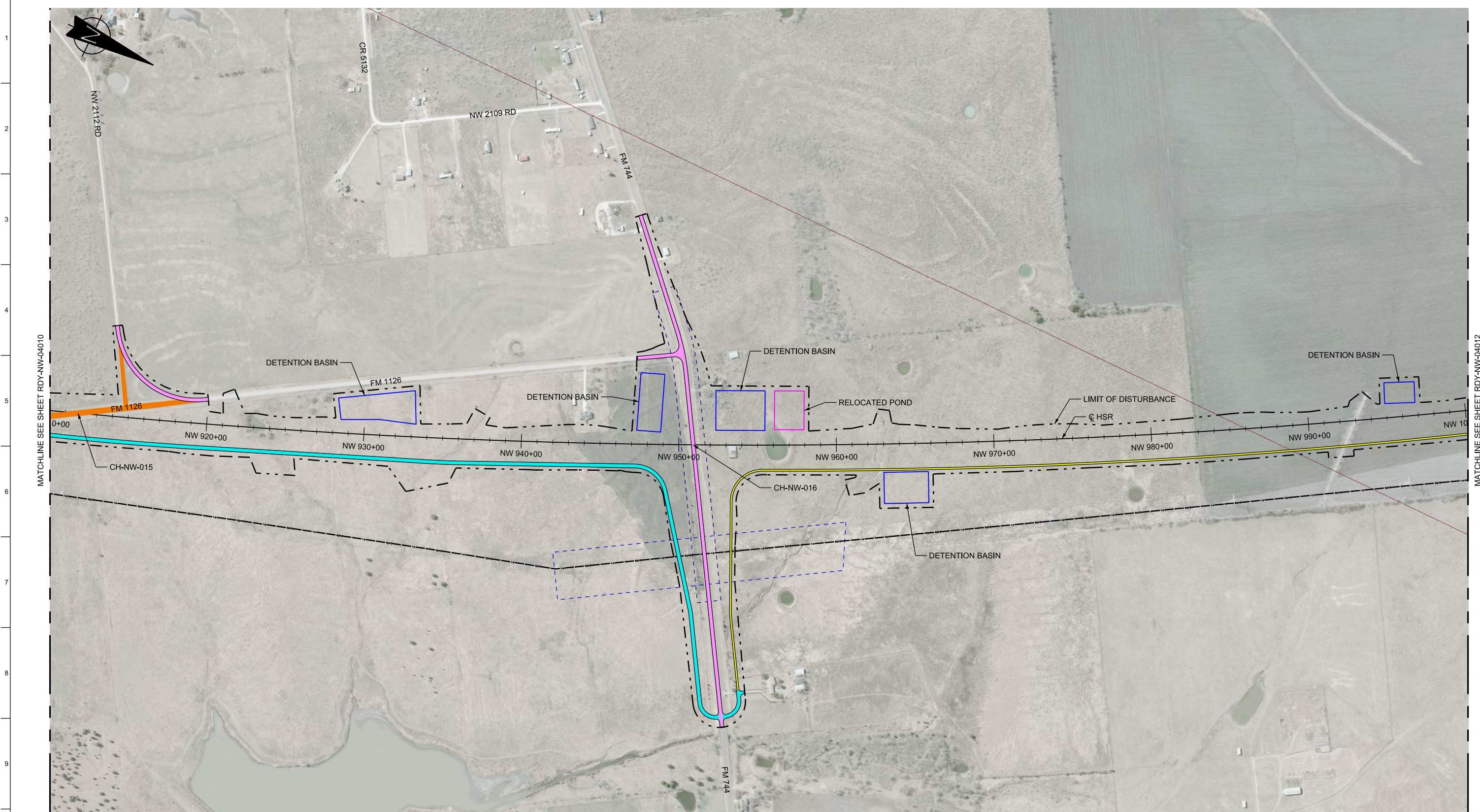
1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 820+00 TO NW 910+00**

Scale
AS SHOWN

Drawing Status
FINAL DRAFT

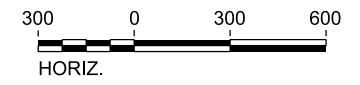
Job No 234180	Drawing No RDY-NW-04010	Rev 01
------------------	----------------------------	-----------



MATCHLINE SEE SHEET RDY-NW-04010

MATCHLINE SEE SHEET RDY-NW-04012

LEGEND	
—	PROPOSED HSR MOW ACCESS
—	PROPOSED PUBLIC ROAD
—	PROPOSED PRIVATE ROAD
—	REALIGNED PUBLIC ROAD
—	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FRESE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client

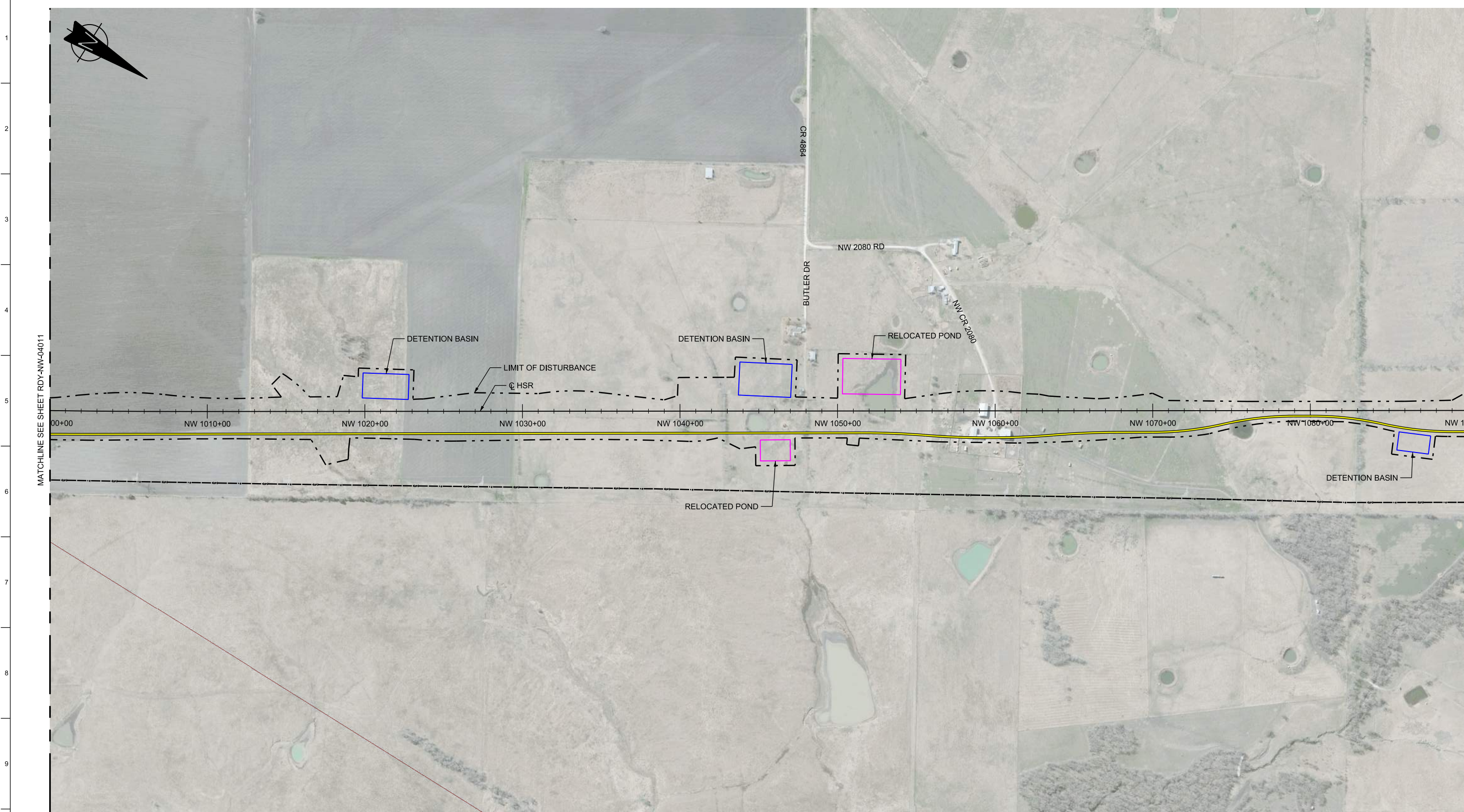
TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 910+00 TO NW 1000+00**

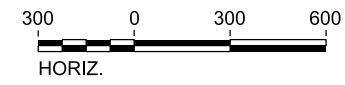
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04011	Rev 01



MATCHLINE SEE SHEET RDY-NW-04011

MATCHLINE SEE SHEET RDY-NW-04013

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freesse.com
Texas Registered Engineering Firm: F-2144

Client

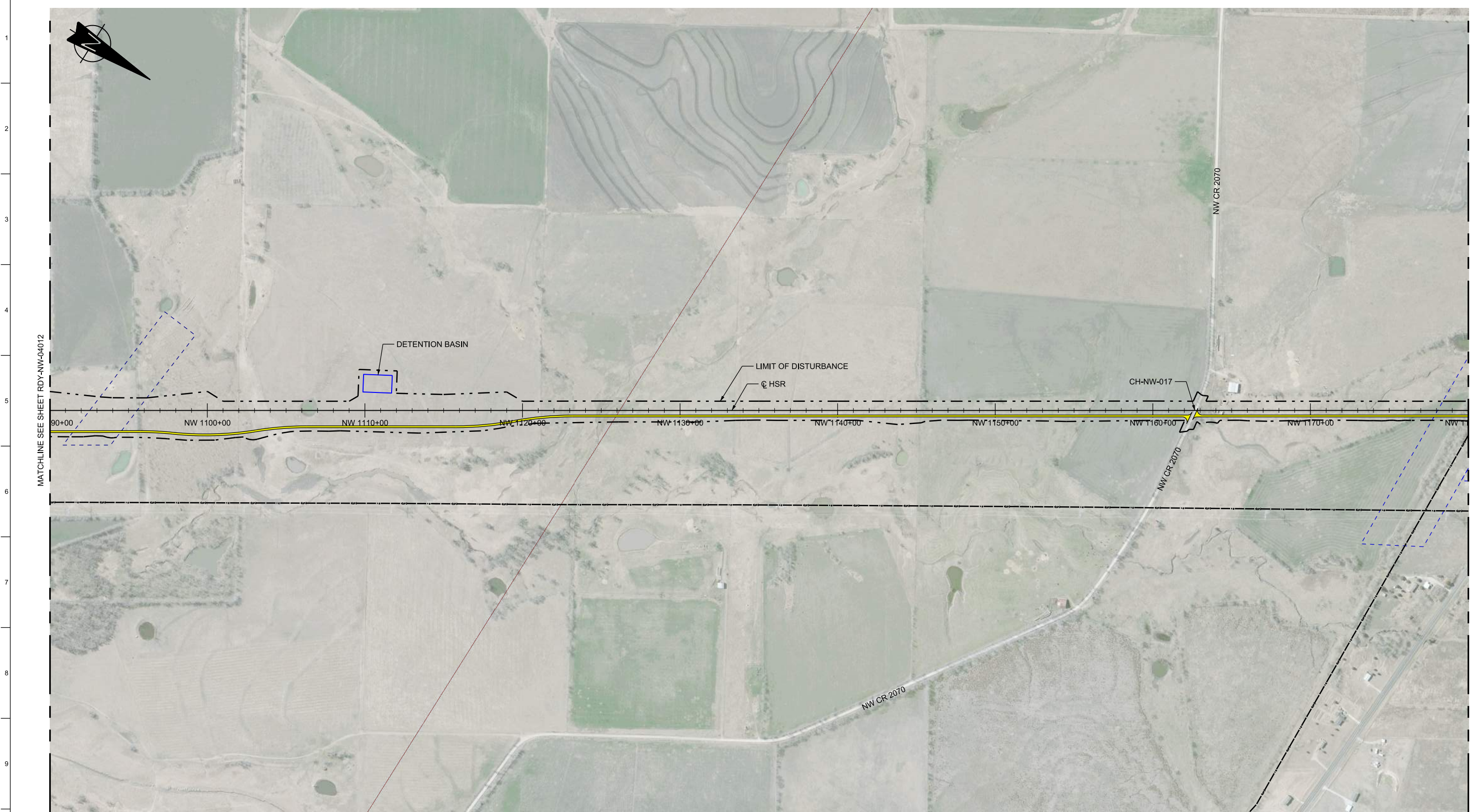
TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 1000+00 TO NW 1090+00**

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04012	Rev 01

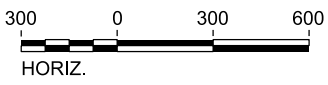


MATCHLINE SEE SHEET RDY-NW-04012

MATCHLINE SEE SHEET RDY-NW-04014

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP
 Arup Texas, Inc.
 10370 Richmond Ave., Suite 475
 Houston, Texas 77042 USA
 Tel (713) 783 2787 Fax (713) 343 1467
 www.arup.com
 Texas Registered Engineering Firm: F-1990

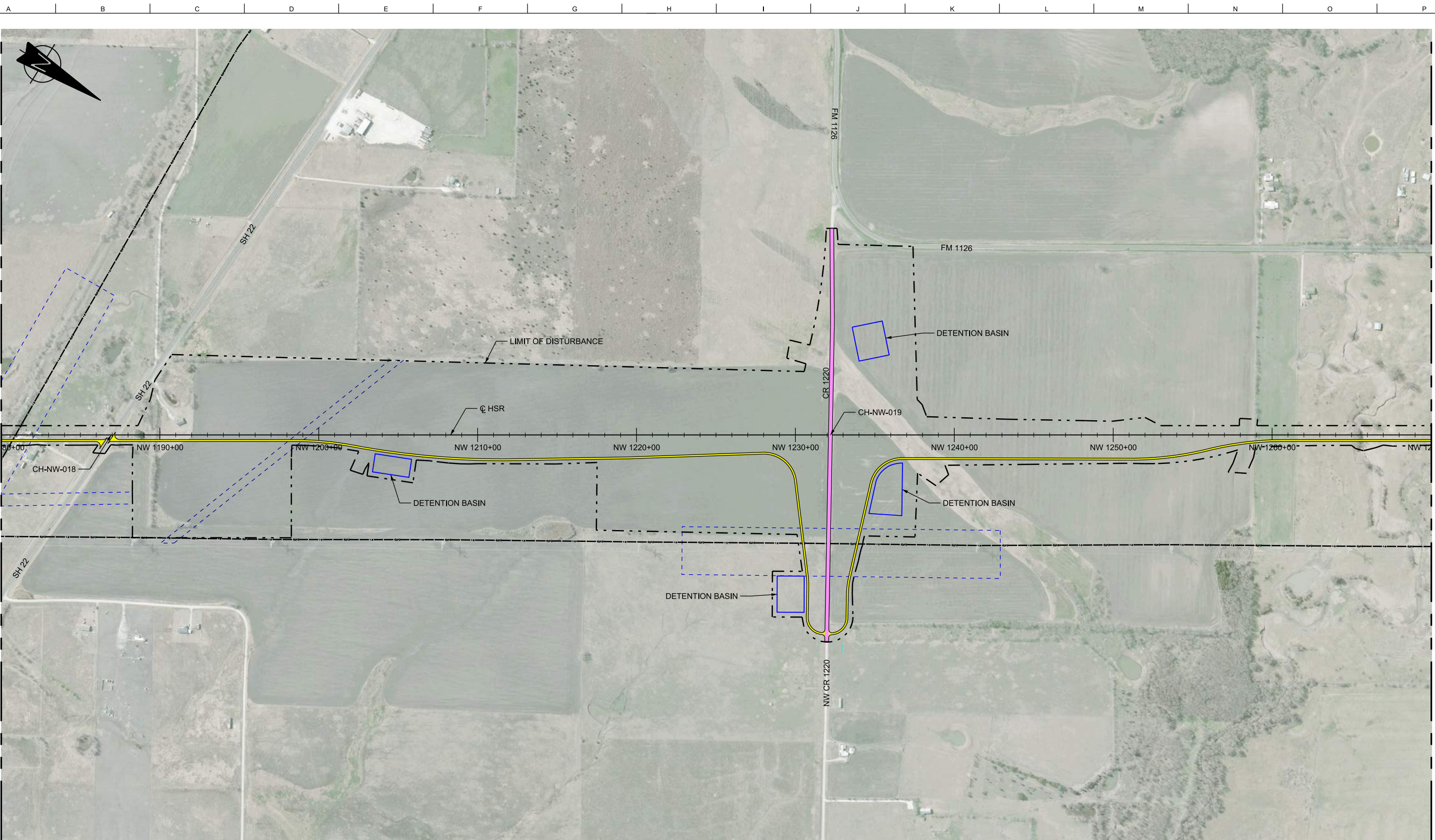
FRESE & NICHOLS
 2711 North Haskell Ave., Suite 3300
 Dallas, Texas 75204
 Tel (214) 217 2200 Fax (214) 217 2201
 www.freese.com
 Texas Registered Engineering Firm: F-2144

Client

TEXAS CENTRAL
 1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
 CIVIL HIGHWAY
 PLAN VIEW - STA.
 NW 1090+00 TO NW 1180+00**

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04013	Rev 01

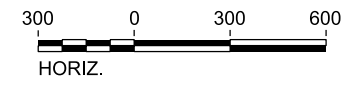


MATCHLINE SEE SHEET RDY-NW-04013

MATCHLINE SEE SHEET RDY-NW-04015



LEGEND	
—	PROPOSED HSR MOW ACCESS
—	PROPOSED PUBLIC ROAD
—	PROPOSED PRIVATE ROAD
—	REALIGNED PUBLIC ROAD
—	ROAD REMOVAL
—	UTILITY LIMIT OF DISTURBANCE
—	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

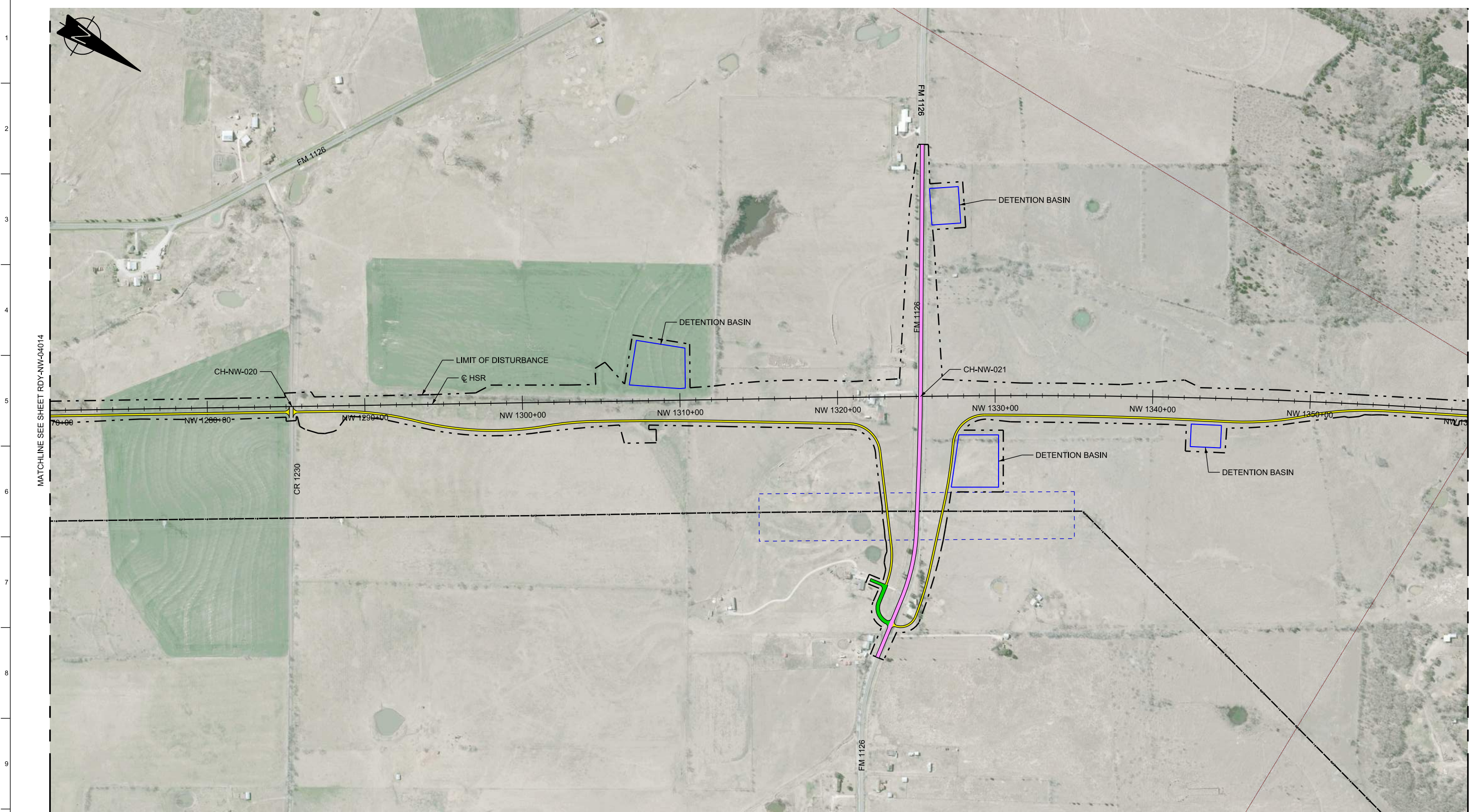
Client

TEXAS CENTRAL

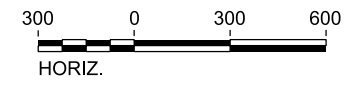
1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 1180+00 TO NW 1270+00**

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04014	Rev 01



LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FRESE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client

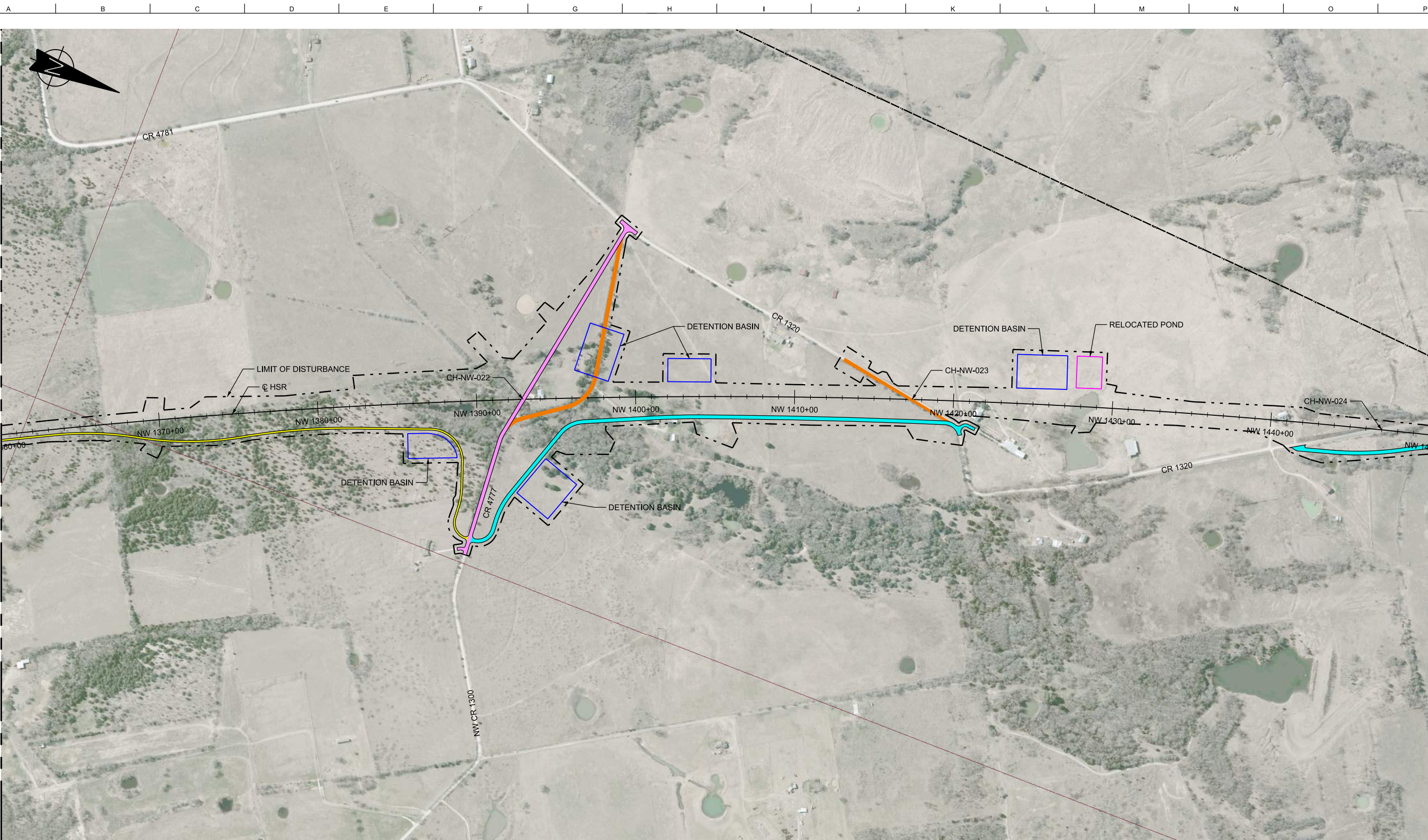
TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 1270+00 TO NW 1360+00**

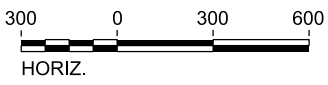
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04015	Rev 01



MATCHLINE SEE SHEET RDY-NW-04015

MATCHLINE SEE SHEET RDY-NW-04017

LEGEND	
—	PROPOSED HSR MOW ACCESS
—	PROPOSED PUBLIC ROAD
—	PROPOSED PRIVATE ROAD
—	REALIGNED PUBLIC ROAD
—	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

Client

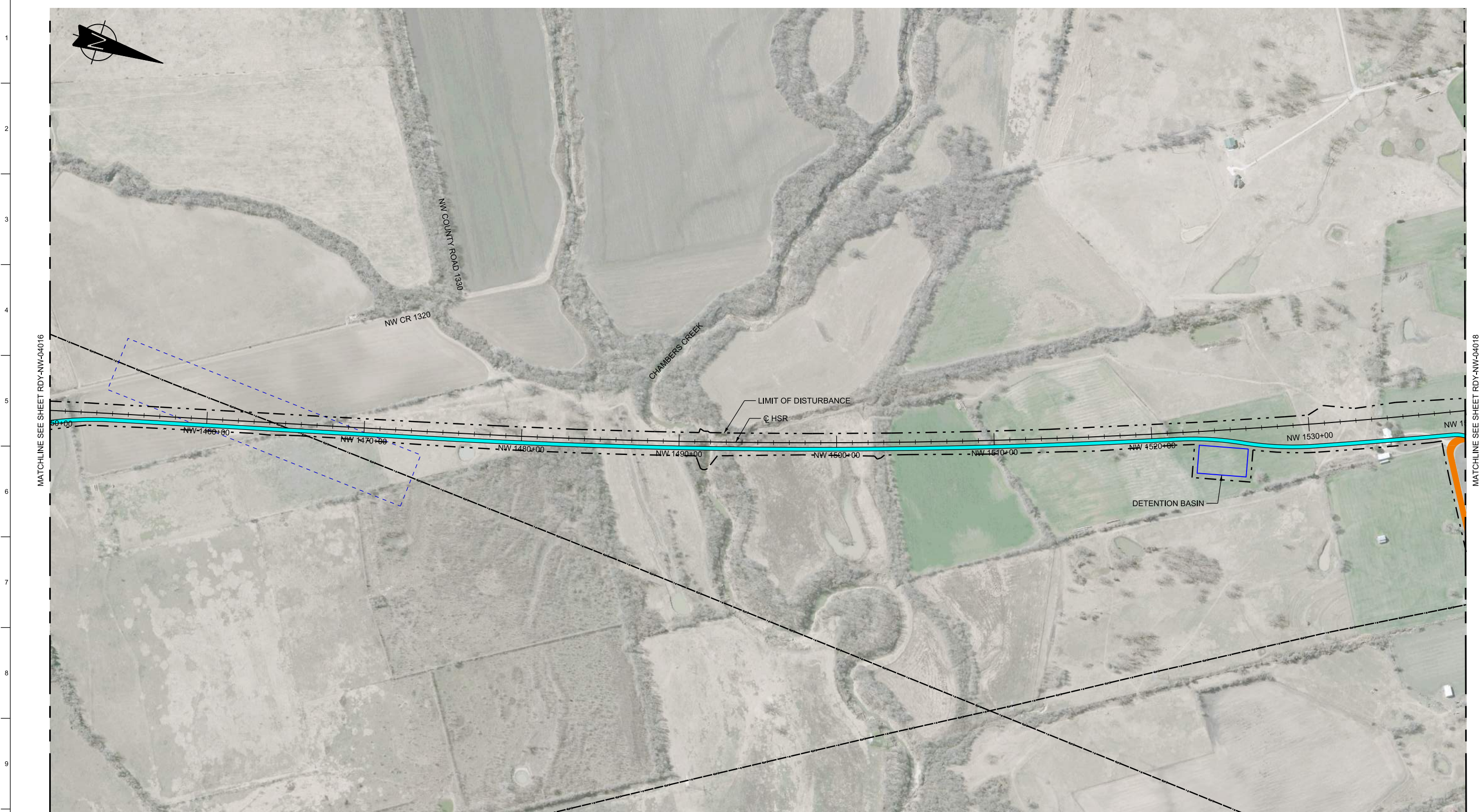
TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 1360+00 TO NW 1450+00**

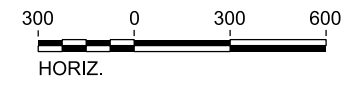
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04016	Rev 01



MATCHLINE SEE SHEET RDY-NW-04016

MATCHLINE SEE SHEET RDY-NW-04018

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freesse.com
Texas Registered Engineering Firm: F-2144

Client

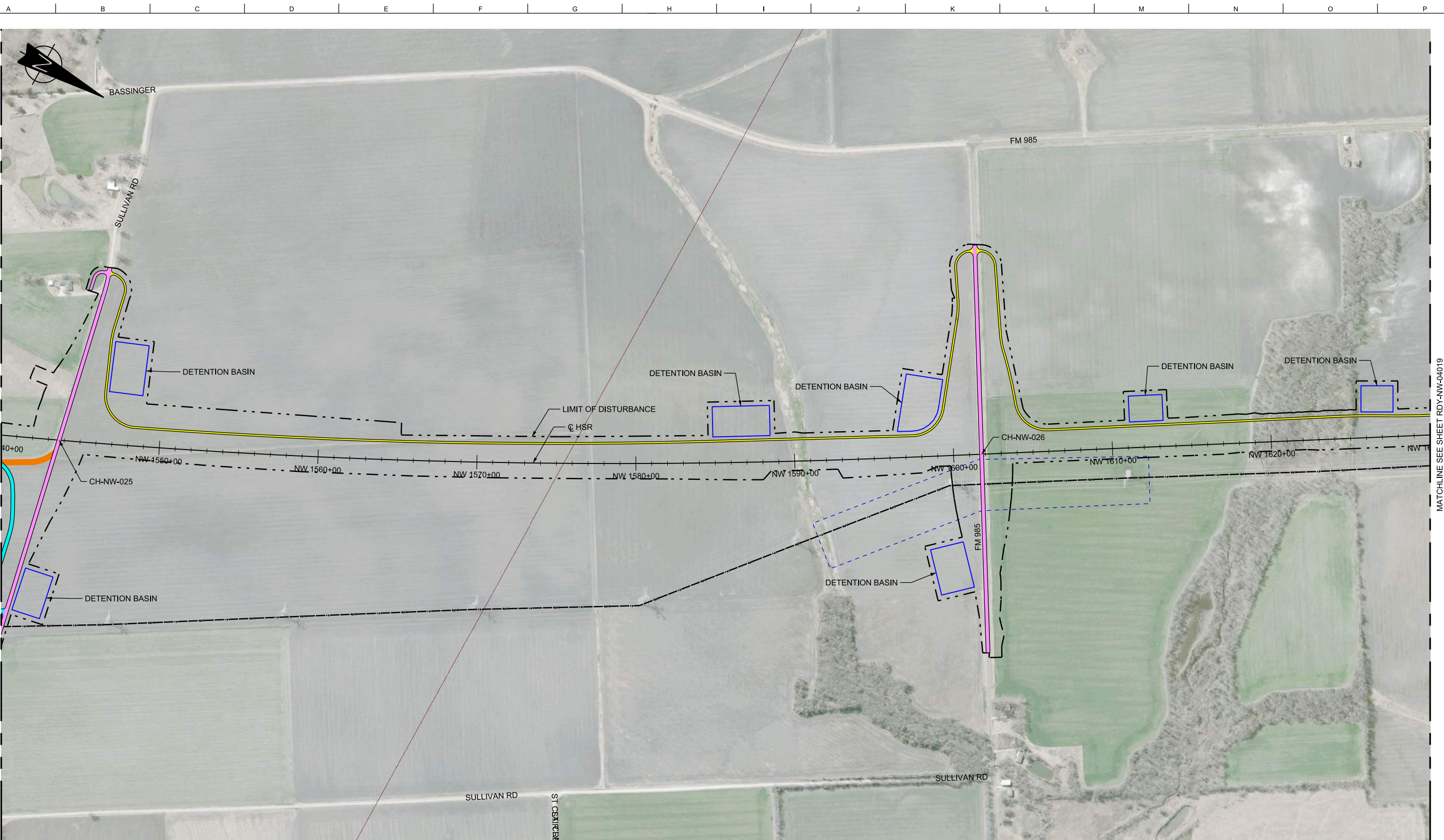
TEXAS CENTRAL

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 1450+00 TO NW 1540+00**

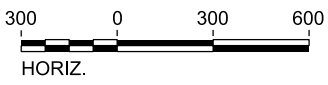
Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04017	Rev 01



MATCHLINE SEE SHEET RDY-NW-04017

MATCHLINE SEE SHEET RDY-NW-04019

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP

Arup Texas, Inc.
10370 Richmond Ave., Suite 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467
www.arup.com
Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS

2711 North Haskell Ave., Suite 3300
Dallas, Texas 75204
Tel (214) 217 2200 Fax (214) 217 2201
www.freese.com
Texas Registered Engineering Firm: F-2144

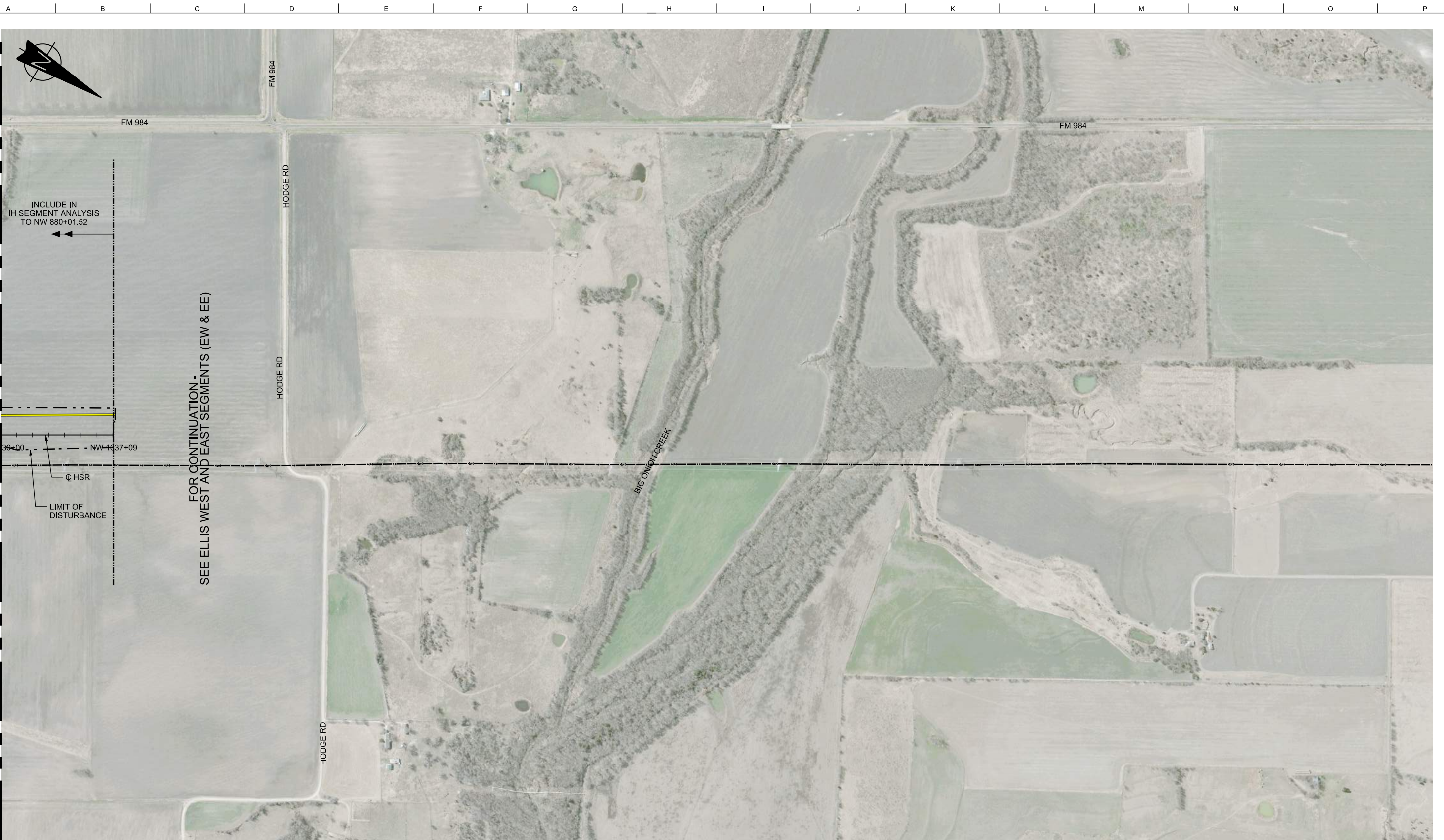
Client

1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title

**NAVARRO WEST SEGMENT
CIVIL HIGHWAY
PLAN VIEW - STA.
NW 1540+00 TO NW 1630+00**

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04018	Rev 01



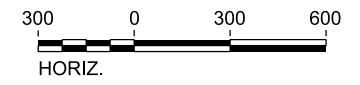
INCLUDE IN
IH SEGMENT ANALYSIS
TO NW 880+01.52

MATCHLINE SEE SHEET RDY-NW-04018

FOR CONTINUATION -
SEE ELLIS WEST AND EAST SEGMENTS (EW & EE)

88+00 NW 1637+09
 Q HSR
 LIMIT OF DISTURBANCE

LEGEND	
	PROPOSED HSR MOW ACCESS
	PROPOSED PUBLIC ROAD
	PROPOSED PRIVATE ROAD
	REALIGNED PUBLIC ROAD
	ROAD REMOVAL
	UTILITY LIMIT OF DISTURBANCE
	ELECTRICAL TRANS. LINE



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
S. SASSER

DRAWN BY
J. ALMAGUER

CHECKED BY
G. VOWELS

IN CHARGE
C. TAYLOR

DATE
09/15/2017

ARUP
 Arup Texas, Inc.
 10370 Richmond Ave., Suite 475
 Houston, Texas 77042 USA
 Tel (713) 783 2787 Fax (713) 343 1467
 www.arup.com
 Texas Registered Engineering Firm: F-1990

FREESSE & NICHOLS
 2711 North Haskell Ave., Suite 3300
 Dallas, Texas 75204
 Tel (214) 217 2200 Fax (214) 217 2201
 www.freese.com
 Texas Registered Engineering Firm: F-2144

Client

TEXAS CENTRAL
 1409 South Lamar Street, Suite 1022, Dallas, Texas 75215

Drawing Title
**NAVARRO WEST SEGMENT
 CIVIL HIGHWAY
 PLAN VIEW - STA.
 NW 1630+00 TO NW 1637+09**

Scale AS SHOWN		
Drawing Status FINAL DRAFT		
Job No 234180	Drawing No RDY-NW-04019	Rev 01