# 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 21 of 21



## **ARUP**





### **Transmittal**

То	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 Transmittal Final Version for Publication with Draft Environment of Public Release	

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

Date of	DEIS	Set # of #	Title of Document or Drawing Title
Document	Appendix		Title of Document of 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 (Final Draft Conceptual Engineering
			Report v7 – Project Definition for publication with Draft EIS)
9/15/17	F	2 of 2	TCRR CONSTRUCTABILITY v4 REPORT.PDF
	E v7 DWGS		71
9/15/17	G	1 of 21	TCRR FDCE v7 DWGS VOLUME 1.PDF (General Sheets and Typical
			Sections)
	E v7 DWGS		(Railway Alignment Plan and Profile Sheets)
9/15/17	G	2 of 21	TCRR FDCE v7 DWGS VOLUME 2-1.PDF (Houston Segment)
9/15/17	G	3 of 21	TCRR FDCE v7 DWGS VOLUME 2-2.PDF (West of Teague Segment)
9/15/17	G	4 of 21	TCRR FDCE v7 DWGS VOLUME 2-3.PDF (IH-45 Segment)
9/15/17	G	5 of 21	TCRR FDCE v7 DWGS VOLUME 2-4.PDF (Navarro West Segment)
9/15/17	G	6 of 21	TCRR FDCE v7 DWGS VOLUME 2-5.PDF (Navarro East Segment)
9/15/17	G	7 of 21	TCRR FDCE v7 DWGS VOLUME 2-6.PDF (Ellis West Segment)
9/15/17	G	8 of 21	TCRR FDCE v7 DWGS VOLUME 2-7.PDF (Ellis East Segment)
9/15/17	G	9 of 21	TCRR FDCE v7 DWGS VOLUME 2-8.PDF (Dallas Segment)
TCRR FDCI	E 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 (Stations)
9/15/17	G	11 of 21	TCRR FDCE v7 DWGS VOLUME 3-2.PDF (Maintenance Facilities,
			Yards and Shops)
9/15/17	G	12 of 21	TCRR FDCE v7 DWGS VOLUME 3-3.PDF (Rail Systems)
TCRR FDCI	E v7 DWGS	VOLUME 4	(Roadway Plan Sheets)
9/15/17	G	13 of 21	TCRR FDCE v7 DWGS VOLUME 4-1.PDF (Houston Segment)
9/15/17	G	14 of 21	TCRR FDCE v7 DWGS VOLUME 4-2.PDF (West of Teague Segment)
9/15/17	G	15 of 21	TCRR FDCE v7 DWGS VOLUME 4-3.PDF (IH-45 Segment)
9/15/17	G	16 of 21	TCRR FDCE v7 DWGS VOLUME 4-4.PDF (Navarro West Segment)
9/15/17	G	17 of 21	TCRR FDCE v7 DWGS VOLUME 4-5.PDF (Navarro East Segment)



These are transmitted as checked below:





**Transmittal** 

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

∟Deliverable	L	JFor Information	☐ As requested	☐ For your use	
□For approval		For Review and Comment	□Return	⊠Other: Publica	ation with DEIS
REMARKS:					
report and drawing	s for the Dallas to H	nt a final submittal of the Fi Houston High-Speed Rail Pr vebsite with the Draft EIS (I	oject. This v7 su	ibmittal of the FDCl	
Chust					
Delivered VIA	⊠ Outlook Email	☐ Hand Delivery ☐	Courier 🗆 I	PMS Notification	$\square$ USPS
PREPARED I	BY: Christopher Tay	vlor	Date: Novembe	er 17, 2017	
IF ENCL	OSURES ARE NO	T AS NOTED, KINDLY	NOTIFY US AT	ONCE.	





## **DALLAS TO HOUSTON HIGH-SPEED RAIL**

PASSENGER SERVICE FROM HOUSTON TO DALLAS

# FINAL DRAFT CONCEPTUAL ENGINEERING PLANS AND DETAILS

**VOLUME 5 - WILDLIFE CROSSING SHEETS** 

**SEPTEMBER 15, 2017** 





Arup Texas, Inc. 10370 Richmond Ave., Sulte 475 Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 146 www.arup.com Texas Redistered Engineering Firm: F-



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

22x34 A B C D E F G H I J K L M N

BRYAN / COLLEGE STATION WALLER WEST OF TEAGUE \
SEGMENT (WT) HOUSTON-SEGMENT (HN) LIMESTONE ELLIS WEST SEGMENT (EW) NAVARRO WEST -SEGMENT (NW) DALLAS SEGMENT (DS) GRIMES HOUSTON TERMINAL ELLIS MADISON (HT) **DALLAS** • CORSICANA **HARRIS** TEAGUE LELLIS EAST SEGMENT (EE) LEON HOUSTON - NAVARRO EAST SEGMENT (NE) MADISONVILLE DALLAS TERMINAL (DT) DALLAS FAIRFIELD IH-45 SEGMENT (IH) NAVARRO FREESTONE

	OE SEGMENT ID	SEGMENT NAMES	SEGMENT ABBREVIATION
ALTERNATIVE			
Α	5, 4A, 3A, 2A, 1	DALLAS SEGMENT, ELLIS WEST SEGMENT, NAVARRO WEST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EW, NW, WT, HN
В	5, 4A, 3B, 2A,1	DALLAS SEGMENT, ELLIS WEST SEGMENT, NAVARRO EAST SEGMENT, WEST OF TEAGUE SEGMENT, HOUSTON SEGMENT	DS, EW, NE, WT, HN
С	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.

ARUP
Arup Texas, Inc.
10370 Richmond Ave., Sulte 475
Houston, Texas 77042 USA
Tel (1/13) 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

TEXAS CENTRAL

OFNE

GENERAL LOCATION PLAN

40000

40000

SCALE IN FEET

80000

VOLUME 1 -	GENERAL SHEETS & TYPICAL SECTIONS
DRAWING NO.	DRAWING DESCRIPTIONS
DIVIVING NO.	1-1 GENERAL
	COVER SHEET
GEN-00-00002	GENERAL - LOCATION PLAN
GEN-00-00003	
GEN-00-00004	GENERAL MIDENTIFICATIONS
GEN-00-00005	
	GENERAL - INDEX SHEET 4 OF 5
GEN-00-00007	
GEN-00-00008	GENERAL - NOTES
GEN-00-00009	GENERAL - ABBREVIATIONS AND LEGEND
GEN-00-00010	GENERAL - RAIL ANNOTATION TO CLARIFY DESIGN INTENT
	GENERAL - ROADWAY ANNOTATION TO CLARIFY DESIGN INTENT
	1-2 RAILWAY TYPICAL SECTIONS
CVL-00-03001	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 1 OF 20
CVL-00-03002	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 2 OF 20
CVL-00-03003	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 3 OF 20
CVL-00-03004	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 4 OF 20
CVL-00-03005	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 5 OF 20
CVL-00-03006	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 6 OF 20
CVL-00-03007	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 7 OF 20
CVL-00-03008	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 8 OF 20
CVL-00-03009	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 9 OF 20
CVL-00-03010	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 10 OF 20
CVL-00-03011	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 11 OF 20
CVL-00-03012	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 12 OF 20
CVL-00-03013	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 13 OF 20
CVL-00-03014	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 14 OF 20
CVL-00-03015	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 15 OF 20
CVL-00-03016	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 16 OF 20
CVL-00-03017	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 17 OF 20
CVL-00-03018	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 18 OF 20
CVL-00-03019 CVL-00-03020	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 19 OF 20
CVL-00-03020	GENERAL - CIVIL RAIL - TYPICAL SECTIONS - SHEET 20 OF 20
CVL-00-03030	1-3 ROADWAY AND GRADE SEPARATION TYPICAL SECTIONS
CVL-00-03031	GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 1 OF 5 GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 2 OF 5
CVL-00-03031	GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 2 OF 5
CVL-00-03032	GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 3 OF 5
CVL-00-03034	GENERAL - CIVIL HIGHWAY - TYPICAL SECTIONS SHEET 5 OF 5
CVL-00-03036	GENERAL - CIVIL HIGHWAY - ROAD OVER RAIL GRADE SEPARATION
CVL 00 03030	1-4 CIVIL STRUCTURES TYPICAL DETAILS
CST-00-03007	GENERAL - CIVIL STRUCTURES - STRADDLE BENT- SHEET 1 OF 2
CST-00-03008	GENERAL - CIVIL STRUCTURES - STRADDLE BENT- SHEET 2 OF 2
CST-00-03013	GENERAL - CIVIL STRUCTURES - CROSSOVER STRUCTURE - SHEET 1 OF 2
CST-00-03014	GENERAL - CIVIL STRUCTURES - CROSSOVER STRUCTURE - SHEET 2 OF 2
CST-00-03020	GENERAL - CIVIL STRUCTURES - CULVERT & ANIMAL CROSSING TYPICAL DETAIL
CST-00-03021	GENERAL - CIVIL STRUCTURES - BOX TYPICAL DETAIL - SHEET 1 OF 2
CCT OO O2O22	CENTERAL CIVIL CENTRE BOX TYPICAL DETAIL CLIEFT 2 OF 2

#### GEN-00-04002 GENERAL - ALIGNMENT AND CURVE DATA SHEET 2 OF 2 **VOLUME 2 - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS**

1-6 GENERAL - ALIGNMENT CURVE DATA TABLES

CST-00-03022 GENERAL - CIVIL STRUCTURES - BOX TYPICAL DETAIL - SHEET 2 OF 2

CST-00-03023 GENERAL - CIVIL STRUCTURES - SLAB BRIDGE TYPICAL DETAIL

1-5 CIVIL UTILITIES TYPICAL DETAILS

CUT-00-01000 GENERAL - CIVIL UTILITIES TYPICAL CROSSING DETAIL

GEN-00-04001 GENERAL - ALIGNMENT AND CURVE DATA SHEET 1 OF 2

DRAWING NO.	DRAWING DESCRIPTIONS
	2-1 HOUSTON SEGMENT
CVL-HN-01101	HOUSTON SEGMENT - CIVIL - KEY MAP - Sheet 1 of 4 - HT1 10+00 TO HN1 1024+00
CVL-HN-01102	HOUSTON SEGMENT - CIVIL - KEY MAP - Sheet 2 of 4 - HN1 1024+00 TO HN1 2082+00
CVL-HN-01103	HOUSTON SEGMENT - CIVIL - KEY MAP - Sheet 3 of 4 - HN1 2082+00 TO HN2 814+00
CVL-HN-01104	HOUSTON SEGMENT - CIVIL - KEY MAP - Sheet 4 of 4 - HN2 814+00 TO HN2 2073+80
CVL-HN-01105	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 10+00 TO HT1 38+00
CVL-HN-01106	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 38+00 TO HT1 60+00
CVL-HN-01107	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 60+00 TO HT1 88+00
CVL-HN-01108	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT1 88+00 TO HN1 16+00
CVL-HN-01106-2	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT2 10+00 TO HT2 18+00
CVL-HN-01107-2	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT2 18+00 TO HT2 46+00
CVL-HN-01108-2	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT2 46+00 TO HN1 16+00

CVL-HN-01109	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT3 33+00 TO HN1 16+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 16+00 TO HN1 44+00
CVL-HN-01110	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 44+00 TO HN1 72+00
CVL-HN-01111	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 72+00 TO HN1 100+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 100+00 TO HN1 128+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 128+00 TO HN1 156+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 156+00 TO HN1 184+00
CVL-HN-01115	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 184+00 TO HN1 212+00
CVL-HN-01116	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 212+00 TO HN1 240+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 240+00 TO HN1 268+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 268+00 TO HN1 296+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 296+00 TO HN1 324+00
CVL-HN-01120	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 324+00 TO HN1 352+00
CVI-HN-01121	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 352+00 TO HN1 380+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 380+00 TO HN1 408+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 408+00 TO HN1 436+00
CVL-HN-01124	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 436+00 TO HN1 464+00
CVL-HN-01125	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 464+00 TO HN1 492+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 492+00 TO HN1 520+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 520+00 TO HN1 548+00
CVL-HN-01128	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 548+00 TO HN1 576+00
CVL-HN-01129	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 576+00 TO HN1 604+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 604+00 TO HN1 632+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 632+00 TO HN1 660+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 660+00 TO HN1 688+00
CVL-HN-01133	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 688+00 TO HN1 716+00
CVL-HN-01134	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 716+00 TO HN1 744+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 744+00 TO HN1 772+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 772+00 TO HN1 800+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 800+00 TO HN1 828+00
CVL-HN-01138	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 828+00 TO HN1 856+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 856+00 TO HN1 884+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 884+00 TO HN1 912+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 912+00 TO HN1 940+00
CVL-HN-01142	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 940+00 TO HN1 968+00
CVL-HN-01143	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 968+00 TO HN1 996+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 996+00 TO HN1 1024+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1024+00 TO HN1 1080+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1080+00 TO HN1 1136+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1136+00 TO HN1 1192+00
CVL-HN-01148	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1192+00 TO HN1 1248+00
CVI-HN-01149	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1248+00 TO HN1 1304+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1304+00 TO HN1 1360+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1360+00 TO HN1 1416+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1416+00 TO HN1 1472+00
CVL-HN-01153	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1472+00 TO HN1 1528+00
CV/I LINI 011E4	
LCVL-HIN-UT 154	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1528+00 TO HN1 1584+00
	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1528+00 TO HN1 1584+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00
CVL-HN-01155	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00
CVL-HN-01155 CVL-HN-01156	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159 CVL-HN-01160	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158 CVL-HN-01160 CVL-HN-01161	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01161	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01161	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158 CVL-HN-01160 CVL-HN-01161 CVL-HN-01161 CVL-HN-01162 CVL-HN-01163	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00
CVL-HN-01155 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01163 CVL-HN-01163	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2082+00
CVL-HN-01155 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01164 CVL-HN-01165	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2136+00
CVL-HN-01155 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01162 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01165 CVL-HN-01166	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00
CVL-HN-01155 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01162 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2130+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2244+00 TO HN1 2244+00
CVL-HN-01155 CVL-HN-01157 CVL-HN-01157 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01162 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2130+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2244+00 TO HN1 2244+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01162 CVL-HN-01163 CVL-HN-01164 CVL-HN-01166 CVL-HN-01166 CVL-HN-01167 CVL-HN-01167	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2244+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2244+00 TO HN1 2298+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2244+00 TO HN1 2298+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01161 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01165 CVL-HN-01166 CVL-HN-01166 CVL-HN-01166 CVL-HN-01168 CVL-HN-01168	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2298+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01168 CVL-HN-01169 CVL-HN-01169 CVL-HN-01169	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2130+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2290+00 TO HN1 2254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01168 CVL-HN-01168 CVL-HN-01170 CVL-HN-01170	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2130+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2294+00 TO HN1 2254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2258+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 86+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 86+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 86+00
CVL-HN-01155 CVL-HN-01157 CVL-HN-01157 CVL-HN-01159 CVL-HN-01161 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01168 CVL-HN-01169 CVL-HN-01170 CVL-HN-01171	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2290+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2228+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2252+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2252+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 142+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 198+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01161 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01168 CVL-HN-01169 CVL-HN-01170 CVL-HN-01171 CVL-HN-01171	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2290+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2228+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2252+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2252+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 142+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 198+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01161 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01168 CVL-HN-01169 CVL-HN-01171 CVL-HN-01171 CVL-HN-01171	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1890+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2290+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 86+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 198+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158 CVL-HN-01160 CVL-HN-01161 CVL-HN-01162 CVL-HN-01163 CVL-HN-01165 CVL-HN-01166 CVL-HN-01166 CVL-HN-01167 CVL-HN-01170 CVL-HN-01170 CVL-HN-01171 CVL-HN-01171	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1804+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2298+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 244+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 288+00 TO HN2 142+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 142+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 142+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01161 CVL-HN-01161 CVL-HN-01163 CVL-HN-01165 CVL-HN-01166 CVL-HN-01165 CVL-HN-01167 CVL-HN-01167 CVL-HN-01170 CVL-HN-01170 CVL-HN-01171 CVL-HN-01172 CVL-HN-01173 CVL-HN-01173 CVL-HN-01174 CVL-HN-01174	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2298+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 310+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 366+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 366+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01161 CVL-HN-01161 CVL-HN-01163 CVL-HN-01165 CVL-HN-01166 CVL-HN-01165 CVL-HN-01167 CVL-HN-01167 CVL-HN-01170 CVL-HN-01170 CVL-HN-01171 CVL-HN-01172 CVL-HN-01173 CVL-HN-01173 CVL-HN-01174 CVL-HN-01174	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1804+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2298+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 244+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 288+00 TO HN2 142+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 86+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 142+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 142+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01161 CVL-HN-01161 CVL-HN-01163 CVL-HN-01165 CVL-HN-01165 CVL-HN-01166 CVL-HN-01166 CVL-HN-01167 CVL-HN-01171 CVL-HN-01170 CVL-HN-01171 CVL-HN-01171 CVL-HN-01173 CVL-HN-01173 CVL-HN-01175 CVL-HN-01175 CVL-HN-01175 CVL-HN-01175	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 330+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 36+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 142+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 142+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 254+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01158 CVL-HN-01159 CVL-HN-01161 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01168 CVL-HN-01169 CVL-HN-01170 CVL-HN-01171 CVL-HN-01171 CVL-HN-01172 CVL-HN-01173 CVL-HN-01175 CVL-HN-01175 CVL-HN-01175 CVL-HN-01176 CVL-HN-01177	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1804+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2298+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 386+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 188+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 142+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 266+00 TO HN2 266+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 260+00 TO HN2 260+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 260+00 TO HN2 422+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 260+00 TO HN2 422+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 260+00 TO HN2 422+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01169 CVL-HN-01170 CVL-HN-01171 CVL-HN-01171 CVL-HN-01172 CVL-HN-01173 CVL-HN-01175 CVL-HN-01175 CVL-HN-01175 CVL-HN-01175 CVL-HN-01175 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2149+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 242+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 36+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 36+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 36-00 TO HN2 254+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01169 CVL-HN-01170 CVL-HN-01171 CVL-HN-01171 CVL-HN-01171 CVL-HN-01172 CVL-HN-01173 CVL-HN-01175 CVL-HN-01175 CVL-HN-01176 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 360+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 350+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 360+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 244+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 360+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 360+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 360+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 360+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 360+00 T
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01169 CVL-HN-01170 CVL-HN-01171 CVL-HN-01171 CVL-HN-01171 CVL-HN-01172 CVL-HN-01173 CVL-HN-01175 CVL-HN-01175 CVL-HN-01176 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1864+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2149+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 242+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 36+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 36+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 36-00 TO HN2 254+00
CVL-HN-01155 CVL-HN-01156 CVL-HN-01157 CVL-HN-01159 CVL-HN-01160 CVL-HN-01161 CVL-HN-01163 CVL-HN-01164 CVL-HN-01165 CVL-HN-01166 CVL-HN-01167 CVL-HN-01169 CVL-HN-01170 CVL-HN-01171 CVL-HN-01171 CVL-HN-01171 CVL-HN-01172 CVL-HN-01173 CVL-HN-01175 CVL-HN-01175 CVL-HN-01176 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177 CVL-HN-01177	HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1584+00 TO HN1 1640+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1640+00 TO HN1 1696+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1696+00 TO HN1 1752+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1752+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1808+00 TO HN1 1808+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1864+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1920+00 TO HN1 1920+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 1974+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 1974+00 TO HN1 2028+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2028+00 TO HN1 2082+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2082+00 TO HN1 2136+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2136+00 TO HN1 2190+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2190+00 TO HN1 2244+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 22352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2298+00 TO HN1 2352+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN1 2352+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 30+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 30+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 198+00 TO HN2 198+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 242+00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 240-00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 240-00 TO HN2 254+00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 240-00 TO HN2 242-00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 240-00 TO HN2 254-00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 254-00 TO HN2 254-00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 250-00 TO HN2 242-00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 250-00 TO HN2 250-00 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 250-00 TO

CVL-HN-01107-3HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HT3 10+00 TO HT3 38+00

D. THOMPSON D. THOMPSON R. BURNS C. TAYLOR 09/15/2017 DESCRIPTION

Arup Texas, Inc. 10370 RIchmond Ave., Sulte 475 Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467

www.arup.com Texas Registered Engineering Firm: F-1990

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



GENERAL INDEX SHEET 1 OF 5

FINAL DRAFT 234180 GEN-00-00003 01

\\N-YPWICS01\ICS Temp\26088\3121 88\234180-AFN-GEN-DWG-00-00003-V002.dar

CVL-HN-01191 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1206+00 TO HN2 1262+00 CVL-HN-01192 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1262+00 TO HN2 1318+00 CVL-HN-01193 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1318+00 TO HN2 1374+00 CVL-HN-01194 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1374+00 TO HN2 1430+00 CVL-HN-01195 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1430+00 TO HN2 1486+00 CVL-HN-01196 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1486+00 TO HN2 1542+00 CVL-HN-01197 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1542+00 TO HN2 1598+00 CVL-HN-01198 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1598+00 TO HN2 1654+00 CVL-HN-01199 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1654+00 TO HN2 1710+00 CVL-HN-01200 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1710+00 TO HN2 1766+00 CVL-HN-01201 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1766+00 TO HN2 1822+00 CVL-HN-01202 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1822+00 TO HN2 1878+00 CVL-HN-01203 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1878+00 TO HN2 1934+00 CVL-HN-01204 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1934+00 TO HN2 1990+00 CVL-HN-01205 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1990+00 TO HN2 2046+00 CVL-HN-01206 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 2046+00 TO HN2 2073+80 2-2 WEST OF TEAGUE SEGMENT CVL-WT-01250 WEST OF TEAGUE SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 4 - WT 10+00 TO WT 1130+00 <u>CVL-WT-01251</u> WEST OF TEAGUE SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 4 - WT 1130+00 TO WT 2250+00 <u>CVL-WT-01252</u> WEST OF TEAGUE SEGMENT - CIVIL - KEY MAP - SHEET 3 OF 4 - WT 2250+00 TO WT 3370+00</u> CVL-WT-01253 WEST OF TEAGUE SEGMENT - CIVIL - KEY MAP - SHEET 3 OF 4 - WT 3370+00 TO WT 4118+87 CVL-WT-01254 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 10+00 TO WT 66+00 CVL-WT-01255 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 66+00 TO WT 122+00 CVL-WT-01256 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 122+00 TO WT 178+00 CVL-WT-01257 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 178+00 TO WT 234+00 CVL-WT-01258 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 234+00 TO WT 290+00 CVL-WT-01259 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 290+00 TO WT 346+00 CVL-WT-01260 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 346+00 TO WT 402+00 CVL-WT-01261 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 402+00 TO WT 458+00 CVL-WT-01262 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 458+00 TO WT 514+00 CVL-WT-01263 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 514+00 TO WT 570+00 CVL-WT-01264 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 570+00 TO WT 626+00 CVL-WT-01265 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 626+00 TO WT 682+00 CVL-WT-01266 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 682+00 TO WT 738+00 CVL-WT-01267 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 738+00 TO WT 794+00 CVL-WT-01268 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 794+00 TO WT 850+00 CVL-WT-01269 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 850+00 TO WT 906+00 CVL-WT-01270 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 906+00 TO WT 962+00 CVL-WT-01271 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 962+00 TO WT 1018+00 CVL-WT-01272 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1018+00 TO WT 1074+00 CVL-WT-01273 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1074+00 TO WT 1130+00 CVL-WT-01274 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1130+00 TO WT 1186+00 CVL-WT-01275 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1186+00 TO WT 1242+00 CVL-WT-01276 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1242+00 TO WT 1298+00 CVL-WT-01277 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1298+00 TO WT 1354+00 CVL-WT-01278 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1354+00 TO WT 1410+00 CVL-WT-01279 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1410+00 TO WT 1466+00 CVL-WT-01280 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1466+00 TO WT 1522+00 CVL-WT-01281 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1522+00 TO WT 1578+00 CVL-WT-01282 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1578+00 TO WT 1634+00 CVL-WT-01283 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1634+00 TO WT 1690+00 CVL-WT-01284 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1690+00 TO WT 1746+00 CVL-WT-01285 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1746+00 TO WT 1802+00 CVL-WT-01286 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1802+00 TO WT 1858+00 CVL-WT-01287 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1858+00 TO WT 1914+00 CVL-WT-01288 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1914+00 TO WT 1970+00 CVL-WT-01289 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 1970+00 TO WT 2026+00 CVL-WT-01290 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2026+00 TO WT 2082+00 CVL-WT-01291 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2082+00 TO WT 2138+00 CVL-WT-01292 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2138+00 TO WT 2194+00 CVL-WT-01293 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2194+00 TO WT 2250+00 CVL-WT-01294 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2250+00 TO WT 2306+00 CVL-WT-01295 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2306+00 TO WT 2362+00 CVL-WT-01296 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2362+00 TO WT 2418+00

CVL-HN-01181 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 646+00 TO HN2 702+00 CVL-HN-01182 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 702+00 TO HN2 758+00 CVL-HN-01183 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 758+00 TO HN2 814+00 CVL-HN-01184 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 814+00 TO HN2 870+00 CVL-HN-01185 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 870+00 TO HN2 926+00 CVL-HN-01186 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 926+00 TO HN2 982+00 CVL-HN-01187 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 982+00 TO HN2 1038+00 CVL-HN-01188 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1038+00 TO HN2 1094+00 CVL-HN-01189 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1094+00 TO HN2 1150+00 CVL-HN-01190 HOUSTON SEGMENT - CIVIL - PLAN AND PROFILE - HN2 1150+00 TO HN2 1206+00

CVL-NW-01513 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 626+00 TO NW 682+00

CVL-NW-01514 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 682+00 TO NW 738+00

CVL-NW-01515 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 738+00 TO NW 794+00

CVL-NW-01516 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 794+00 TO NW 850+00

CVL-NW-01517 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 850+00 TO NW 906+00

CVL-NW-01518 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 906+00 TO NW 962+00

CVL-NW-01519 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 962+00 TO NW 1018+00

CVL-NW-01520 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1018+00 TO NW 1074+00

CVL-NW-01521 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1074+00 TO NW 1130+00

CVL-NW-01522 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1130+00 TO NW 1186+00

CVL-NW-01523 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1186+00 TO NW 1242+00

CVL-NW-01524 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1242+00 TO NW 1298+00

CVL-NW-01525 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1298+00 TO NW 1354+00

CVL-NW-01526 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1354+00 TO NW 1410+00

CVL-NW-01527 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1410+00 TO NW 1466+00

CVL-NW-01528 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1466+00 TO NW 1522+00

CVL-NW-01529 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1522+00 TO NW 1578+00

CVL-NW-01530 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1578+00 TO NW 1634+00

CVL-NW-01531 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 1634+00 TO NW 1637+09

CVL-NE-01600 NAVARRO EAST SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 2 - NE 10+00 TO NE 1074+00

CVL-NE-01602 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 10+00 TO NE 66+00

CVL-NE-01603 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 66+00 TO NE 122+00

CVL-NE-01604 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 122+00 TO NE 178+00

CVL-NE-01605 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 178+00 TO NE 234+00

CVL-NE-01606 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 234+00 TO NE 290+00

CVL-NE-01607 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 290+00 TO NE 346+00

CVL-NE-01608 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 346+00 TO NE 402+00

CVL-NE-01609 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 402+00 TO NE 458+00

CVL-NE-01610 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 458+00 TO NE 514+00

CVL-NE-01611 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 514+00 TO NE 570+00

CVL-NE-01612 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 570+00 TO NE 626+00

CVL-NE-01613 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 626+00 TO NE 682+00

CVL-NE-01614 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 682+00 TO NE 738+00

CVL-NE-01615 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 738+00 TO NE 794+00

CVL-NE-01616 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 794+00 TO NE 850+00

CVL-NE-01617 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 850+00 TO NE 906+00

CVL-NE-01618 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 906+00 TO NE 962+00

CVL-NE-01619 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 962+00 TO NE 1018+00

CVL-NE-01620 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1018+00 TO NE 1074+00

CVL-NE-01621 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1074+00 TO NE 1130+00

CVL-NE-01622 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1130+00 TO NE 1186+00

CVL-NE-01623 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1186+00 TO NE 1242+00

CVL-NE-01624 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1242+00 TO NE 1298+00

CVL-NE-01625 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1298+00 TO NE 1354+00

CVL-NE-01626 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1354+00 TO NE 1410+00

CVL-NE-01627 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1410+00 TO NE 1466+00

CVL-NE-01628 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1466+00 TO NE 1522+00

CVL-NE-01629 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1522+00 TO NE 1578+00

CVL-NE-01630 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1578+00 TO NE 1634+00

CVL-NE-01631 NAVARRO EAST SEGMENT - CIVIL - PLAN AND PROFILE - NE 1634+00 TO NE 1654+02

CVL-EW-01700 ELLIS WEST SEGMENT - CIVIL - KEY MAP - Sheet 1 OF 2 - EW 10+00 TO EW 1130+00

CVL-EW-01702 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 10+00 TO EW 66+00

CVL-EW-01703 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 66+00 TO EW 122+00

CVL-EW-01704 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 122+00 TO EW 178+00

CVL-EW-01705 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 178+00 TO EW 234+00

CVL-EW-01706 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 234+00 TO EW 290+00

CVL-EW-01707 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 290+00 TO EW 346+00

CVL-EW-01708 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 346+00 TO EW 402+00

CVL-EW-01709 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 402+00 TO EW 458+00

CVL-EW-01710 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 458+00 TO EW 514+00

CVL-EW-01711 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 514+00 TO EW 570+00

CVL-EW-01712 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 570+00 TO EW 626+00

CVL-EW-01713 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 626+00 TO EW 682+00

CVL-EW-01714 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 682+00 TO EW 738+00

CVL-EW-01715 | ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 738+00 TO EW 794+00

CVL-EW-01716 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 794+00 TO EW 850+00

CVL-EW-01717 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 850+00 TO EW 906+00

CVL-EW-01718 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 906+00 TO EW 962+00

CVL-EW-01719 ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 962+00 TO EW 1018+00

CVL-EW-01701 | ELLIS WEST SEGMENT - CIVIL - KEY MAP - Sheet 2 OF 2 - EW 1130+00 TO EW 1242+50

CVL-NE-01601 NAVARRO EAST SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 2 - NE 1074+00 TO NE 1654+02

2-5 NAVARRO EAST SEGMENT

2-6 ELLIS WEST SEGMENT

CVL-NW-01512 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 570+00 TO NW 626+00

**VOLUME 2 - RAILWAY ALIGNMENT PLAN AND PROFILE SHEETS** 

DRAWING DESCRIPTIONS 2-2 WEST OF TEAGUE SEGMENT CVL-WT-01297 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2418+00 TO WT 2474+00 CVL-WT-01298 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2474+00 TO WT 2530+00 CVL-WT-01299 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2530+00 TO WT 2586+00 CVL-WT-01300 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2586+00 TO WT 2642+00 CVL-WT-01301 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2642+00 TO WT 2698+00 CVL-WT-01302 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2698+00 TO WT 2754+00 CVL-WT-01303 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2754+00 TO WT 2810+00 CVL-WT-01304 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2810+00 TO WT 2866+00

CVL-WT-01305 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2866+00 TO WT 2922+00 CVL-WT-01306 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2922+00 TO WT 2978+00 CVL-WT-01307 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 2978+00 TO WT 3034+00 CVL-WT-01308 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3034+00 TO WT 3090+00 CVL-WT-01309 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3090+00 TO WT 3146+00 CVL-WT-01310 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3146+00 TO WT 3202+00 CVL-WT-01311 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3202+00 TO WT 3258+00

CVL-WT-01312 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3258+00 TO WT 3314+00 CVL-WT-01313 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3314+00 TO WT 3370+00 CVL-WT-01314 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3370+00 TO WT 3426+00 CVL-WT-01315 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3426+00 TO WT 3482+00

CVL-WT-01316 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3482+00 TO WT 3538+00 CVL-WT-01317 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3538+00 TO WT 3594+00 CVL-WT-01318 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3594+00 TO WT 3650+00 CVL-WT-01319 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3650+00 TO WT 3706+00

CVL-WT-01320 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3706+00 TO WT 3762+00 CVL-WT-01321 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3762+00 TO WT 3818+00 CVL-WT-01322 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3818+00 TO WT 3874+00 CVL-WT-01323 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3874+00 TO WT 3930+00 CVL-WT-01324 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3930+00 TO WT 3986+00 CVL-WT-01325 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 3986+00 TO WT 4042+00

CVL-WT-01326 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 4042+00 TO WT 4098+00 CVL-WT-01327 WEST OF TEAGUE SEGMENT - CIVIL - PLAN AND PROFILE - WT 4098+00 TO WT 4118+87 2-3 IH-45 SEGMENT

CVL-IH-01350 | IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 1 OF 5 - IH1 10+00 TO IH1 1130+00 CVL-IH-01351 | IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 2 OF 5 - IH1 1130+00 TO IH1 2250+00 CVL-IH-01352 | IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 3 OF 5 - IH1 2250+00 TO IH1 3370+00 CVL-IH-01353 | IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 4 OF 5 - IH1 3370+00 TO IH2 234+00

CVL-IH-01354 | IH-45 SEGMENT - CIVIL - KEY MAP - SHEET 5 OF 5 - IH2 234+00 TO IH2 913+96 CVL-IH-01355 IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 10+00 TO IH1 66+00 CVL-IH-01356 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 66+00 TO IH1 122+00 CVL-IH-01357 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 122+00 TO IH1 178+00 CVL-IH-01358 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 178+00 TO IH1 234+00

CVL-IH-01359 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 234+00 TO IH1 290+00 CVL-IH-01360 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 290+00 TO IH1 346+00 CVL-IH-01361 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 346+00 TO IH1 402+00 CVL-IH-01362 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 402+00 TO IH1 458+00 CVL-IH-01363 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 458+00 TO IH1 514+00 CVL-IH-01364 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 514+00 TO IH1 570+00

CVL-IH-01365 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 570+00 TO IH1 626+00 CVL-IH-01366 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 626+00 TO IH1 682+00 CVL-IH-01367 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 682+00 TO IH1 738+00 CVL-IH-01368 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 738+00 TO IH1 794+00 CVL-IH-01369 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 794+00 TO IH1 850+00 CVL-IH-01370 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 850+00 TO IH1 906+00 CVL-IH-01371 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 906+00 TO IH1 962+00

CVL-IH-01372 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 962+00 TO IH1 1018+00 CVL-IH-01373 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1018+00 TO IH1 1074+00 CVL-IH-01374 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1074+00 TO IH1 1130+00 CVL-IH-01375 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1130+00 TO IH1 1186+00 CVL-IH-01376 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1186+00 TO IH1 1242+00 CVL-IH-01377 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1242+00 TO IH1 1298+00

CVL-IH-01378 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1298+00 TO IH1 1354+00 CVL-IH-01379 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1354+00 TO IH1 1410+00 CVL-IH-01380 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1410+00 TO IH1 1466+00 CVL-IH-01381 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1466+00 TO IH1 1522+00 CVL-IH-01382 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1522+00 TO IH1 1578+00

CVL-IH-01383 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1578+00 TO IH1 1634+00 CVL-IH-01384 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1634+00 TO IH1 1690+00 CVL-IH-01385 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1690+00 TO IH1 1746+00 CVL-IH-01386 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1746+00 TO IH1 1802+00 CVL-IH-01387 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1802+00 TO IH1 1858+00 CVL-IH-01388 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1858+00 TO IH1 1914+00

> D. THOMPSON D. THOMPSON R. BURNS C. TAYLOR 09/15/2017 DATE

Arup Texas, Inc. 10370 RIchmond Ave., Sulte 475 Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467

FREESE NICHOLS Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201

www.freese.com Texas Registered Engineering Firm: F-2144

TEXAS CENTRAL

**GENERAL** INDEX SHEET 2 OF 5

NO SCALE FINAL DRAFT 234180 GEN-00-00004

CVL-IH-01391 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2026+00 TO IH1 2082+00 CVL-IH-01392 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2082+00 TO IH1 2138+00 CVL-IH-01393 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2138+00 TO IH1 2194+00 CVL-IH-01394 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2194+00 TO IH1 2250+00 CVL-IH-01395 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2250+00 TO IH1 2306+00 CVL-IH-01396 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2306+00 TO IH1 2362+00 CVL-IH-01397 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2362+00 TO IH1 2418+00 CVL-IH-01398 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2418+00 TO IH1 2474+00 CVL-IH-01399 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2474+00 TO IH1 2530+00 CVL-IH-01400 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2530+00 TO IH1 2586+00 CVL-IH-01401 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2586+00 TO IH1 2642+00 CVL-IH-01402 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2642+00 TO IH1 2698+00 CVL-IH-01403 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2698+00 TO IH1 2754+00 CVL-IH-01404 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2754+00 TO IH1 2810+00 CVL-IH-01405 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2810+00 TO IH1 2866+00 CVL-IH-01406 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2866+00 TO IH1 2922+00 CVL-IH-01407 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2922+00 TO IH1 2978+00 CVL-IH-01408 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 2978+00 TO IH1 3034+00 CVL-IH-01409 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3034+00 TO IH1 3090+00 CVL-IH-01410 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3090+00 TO IH1 3146+00 CVL-IH-01411 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3146+00 TO IH1 3202+00 CVL-IH-01412 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3202+00 TO IH1 3258+00 CVL-IH-01413 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3258+00 TO IH1 3314+00 CVL-IH-01414 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3314+00 TO IH1 3370+00 CVL-IH-01415 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3370+00 TO IH1 3426+00 CVL-IH-01416 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3426+00 TO IH1 3482+00 CVL-IH-01417 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3482+00 TO IH1 3538+00 CVL-IH-01418 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3538+00 TO IH1 3594+00 CVL-IH-01419 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3594+00 TO IH1 3650+00 CVL-IH-01420 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3650+00 TO IH1 3706+00 CVL-IH-01421 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3706+00 TO IH1 3762+00 CVL-IH-01422 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3762+00 TO IH1 3818+00 CVL-IH-01423 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3818+00 TO IH1 3874+00 CVL-IH-01424 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3874+00 TO IH1 3930+00 CVL-IH-01425 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3930+00 TO IH1 3986+00 CVL-IH-01426 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 3986+00 TO IH1 4042+00 CVL-IH-01427 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4042+00 TO IH1 4098+00 CVL-IH-01428 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4098+00 TO IH1 4154+00 CVL-IH-01429 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4154+00 TO IH1 4210+00 CVL-IH-01430 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4210+00 TO IH1 4266+00 CVL-IH-01431 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4266+00 TO IH1 4322+00 CVL-IH-01432 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 4322+00 TO IH1 4329+69 CVL-IH-01433 |IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 10+00 TO IH2 66+00 CVL-IH-01434 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 66+00 TO IH2 122+00 CVL-IH-01435 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 122+00 TO IH2 178+00 CVL-IH-01436 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 178+00 TO IH2 234+00 CVL-IH-01437 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 234+00 TO IH2 290+00 CVL-IH-01438 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 290+00 TO IH2 346+00 CVL-IH-01439 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 346+00 TO IH2 402+00 CVL-IH-01440 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 402+00 TO IH2 458+00 CVL-IH-01441 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 458+00 TO IH2 514+00 CVL-IH-01442 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 514+00 TO IH2 570+00 CVL-IH-01443 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 570+00 TO IH2 626+00 CVL-IH-01444 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 626+00 TO IH2 682+00 CVL-IH-01445 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 682+00 TO IH2 738+00 CVL-IH-01446 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 738+00 TO IH2 794+00 CVL-IH-01447 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 794+00 TO IH2 850+00 CVL-IH-01448 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 850+00 TO IH2 906+00 CVL-IH-01449 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH2 906+00 TO IH2 913+96 2-4 NAVARRO WEST SEGMENT CVL-NW-01500 NAVARRO WEST SEGMENT - CIVIL - KEY MAP - Sheet 1 OF 2 - NW 10+00 TO NW 1130+00 CVL-NW-01501 NAVARRO WEST SEGMENT - CIVIL - KEY MAP - Sheet 2 OF 2 - NW 1130+00 TO NW 1637+09 CVL-NW-01502 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 10+00 TO NW 66+00 CVL-NW-01503 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 66+00 TO NW 122+00 CVL-NW-01504 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 122+00 TO NW 178+00 <u> CVL-NW-01505 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 178+00 TO NW 234+00</u> CVL-NW-01506 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 234+00 TO NW 290+00 CVL-NW-01507 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 290+00 TO NW 346+00 <u> CVL-NW-01508 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 346+00 TO NW 402+00</u> CVL-NW-01509 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 402+00 TO NW 458+00 <u> CVL-NW-01510 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 458+00 TO NW 514+00</u> CVL-NW-01511 NAVARRO WEST SEGMENT - CIVIL - PLAN AND PROFILE - NW 514+00 TO NW 570+00

CVL-IH-01389 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1914+00 TO IH1 1970+00 CVL-IH-01390 | IH-45 SEGMENT - CIVIL - PLAN AND PROFILE - IH1 1970+00 TO IH1 2026+00

\\N-YPWICS01\ICS Temp\26234\3121 82\234180-AFN-GEN-DWG-00-00004-V002.dgn

01

10	

10	

10	

9	

10	

10	

10	

AWING NO.	DRAWING DESCRIPTIONS
	2-6 ELLIS WEST SEGMENT
/L-EW-01720	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1018+00 TO EW 1074+00
VL-EW-01721	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1074+00 TO EW 1130+00
VL-EW-01722	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1130+00 TO EW 1186+00
VL-EW-01723	ELLIS WEST SEGMENT - CIVIL - PLAN AND PROFILE - EW 1186+00 TO EW 1242+50
<u> </u>	2-7 ELLIS EAST SEGMENT
VL-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-01805	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-01807	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-01809 CVL-EE-01810	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 402+00 TO EE 438+00
CVL-EE-01810	ELLIS EAST SEGMENT - CIVIL - PLAN AND PROFILE - EE 438+00 TO EE 514+00  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 DT 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
VL-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
VL-DS-01908	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 402+00 TO DS 458+00
VL-DS-01909	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 458+00 TO DS 514+00
VL-DS-01910	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 514+00 TO DS 542+00
VL-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
CVI-DS-01917	DALLAS SEGMENT - CIVIL - PLAN AND PROFILE DS 710+00 TO DS 738+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**

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 DT 33+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

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			

					10 110001011 1111 111011 017 111011 01 11011		
						D. THOMPSON	
						D. THOMPSON	
						CHECKED BY R. BURNS	
						IN CHARGE C. TAYLOR	
REV	DATE	BY	СНК	APP	DESCRIPTION	09/15/2017	

STA-HN-01005	HOUSTON SEGMENT - STATIONS - HOUSTON TRANSIT STATION OF TION - STATION SECTIONS  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 MALE STATION OF TION - STATION SECTIONS  HOUSTON SEGMENT - STATIONS - HOUSTON NORTHWEST MALE STATION OF TION - CIVIL SITE PLAN
STA-HN-01013	HOUSTON SEGMENT - STATIONS - HOUSTON INDUSTRIAL STATION OPTION - CIVIL SITE PLAN
STA-HN-01021	
STA-HN-01022 STA-HN-01023	HOUSTON SEGMENT - STATIONS - HOUSTON INDUSTRIAL STATION OPTION - STATION FLOOR PLAN SHEET 1 OF 2
	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 - CIVIE STIE FEAN  DALLAS SEGMENT - STATIONS - DALLAS STATION - HOTEL STREET REALIGNMENT - SHEET 1 OF 2
STA-DS-01050	DALLAS SEGMENT - STATIONS - DALLAS STATION - HOTEL STREET REALIGNMENT - SHEET 1 OF 2  DALLAS SEGMENT - STATIONS - DALLAS STATION - HOTEL STREET REALIGNMENT - SHEET 2 OF 2
STA-DS-01051	DALLAS SEGMENT - STATIONS - DALLAS STATION - HOTEL STREET REALIGNMENT - SHEET 2 OF 2  DALLAS SEGMENT - STATIONS - DALLAS STATION - BELLEVIEW STREET REALIGNMENT
STA-DS-01052 STA-DS-01053	DALLAS SEGMENT - STATIONS - DALLAS STATION - BELLEVIEW STREET REALIGNMENT  DALLAS SEGMENT - STATIONS - DALLAS STATION - PROPOSED STREET 1 REALIGNMENT
STA-DS-01053 STA-DS-01054	
31A-D3-U1U54	DALLAS SEGMENT - STATIONS - DALLAS STATION - PROPOSED STREET 2 REALIGNMENT
MANIT OO OOOOO	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 - MOWF FACILITY HN-2 - LAYOUT
MNT-HN-04012	HOUSTON SEGMENT - MOW FACILITY HN-4 - LAYOUT - SHEET 1 OF 2
MNT-HN-04013 MNT-HN-04014	HOUSTON SEGMENT - MOW FACILITY HN-4 - LAYOUT - SHEET 2 OF 2
	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
T	

STA-HN-01004 HOUSTON SEGMENT - STATIONS - HOUSTON TRANSIT STATION OPTION - STATION SECTIONS

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





**GENERAL** INDEX SHEET 3 OF 5

NO SCALE FINAL DRAFT 234180 GEN-00-00005 01

VOLUME 3 - 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

SYS-00-03000	GENERAL - RAILWAY SYSTEMS - FACILITY LOCATION
/OLLINAE A	DOADWAY DI AN CHEETC
	ROADWAY PLAN SHEETS
DRAWING NO.	DRAWING DESCRIPTIONS
DDV UN 01101	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+0
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	
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
	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1180+00 TO HN2 1270+00
RDY-HN-04042	
RDY-HN-04042 RDY-HN-04043	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HN2 1270+00 TO HN2 1360+00
	HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HNZ 1270+00 TO HNZ 1360+00 HOUSTON SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. HNZ 1360+00 TO HNZ 1450+00
RDY-HN-04043	

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+0
RDY-WT-01102	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 4 WT 1120+00 TO WT 2240-
RDY-WT-01103	
RDY-WT-01104	
RDY-WT-04001	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 10+00 TO WT 100+00
RDY-W1-04002	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	
RDY-WT-04010	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 750100 TO WT 820100
	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 820400 TO WT 910400
	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
	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
	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 1720+00 TO WT 1810+00
RDV_W/T_0/021	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1720-00 TO WT 1810-00 WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 1810+00 TO WT 1900+00
DDV WT 04021	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA, WT 1610+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-W1-04024	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	
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 WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 2890+00 TO WT 2980+00
RDY-WT-04034	
RDY-WT-04035	
	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3070+00 TO WT 3160+00
	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-W/T-04044	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3790+00 TO WT 3880+00 WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3880+00 TO WT 3970+00
RDV-W/T-04044	WEST OF TEACHE SEGMENT. CIVIL DICHWAY, PLAN VIEW, STA, WT 2070-00 TO WT 4050-00
NO 1-101-04045	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 3970+00 TO WT 4060+00
NDV WT 04045	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. WT 4060+00 TO WT 4118+87
אטץ-W ו-U4U47	WEST OF TEAGUE SEGMENT - CIVIL HIGHWAY - MATCHLINE RDY-WT-04011
	4-3 IH-45 SEGMENT
	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 - SHHET 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
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 100+00 TO IH1 190+00
RDY-IH1-04002	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 100+00 TO IH1 190+00  IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 190+00 TO IH1 280+00
DDA IRT -04002	HILAE CECMENT CIVIL HICHWAY PLAN VIEW - STA HILL 200:00 TO HILL 270:00
ND1-101-04004	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 280+00 TO IH1 370+00
VD7-1HT-04002	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 370+00 TO IH1 460+00
KDY-IH1-04006	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 460+00 TO IH1 550+00
KDY-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
	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 820+00 TO IH1 910+00
RDY-IH1-04010	III 45 SEGMENT CIVIETIIGHWAT TEAN VIEW STATINI 020 100 TO HILL STO 100
RDY-IH1-04010 RDY-IH1-04011	IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 910+00 TO IH1 1000+00

D. THOMPSON D. THOMPSON R. BURNS IN CHARGE C. TAYLOR 09/15/2017 DESCRIPTION DATE



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



GENERAL INDEX SHEET 4 OF 5 Drawing Status

Scale NO SCALE FINAL DRAFT 234180 GEN-00-00006 01 4-3 IH-45 SEGMENT

DRAWING DESCRIPTIONS

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 <u>VIEW - STA. IH1 2350+00 TO IH1 2440+00</u>

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 10+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

RDY-NW-01101 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 2 NW 10+00 TO NW 1120+00

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

RDY-NW-01102 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 2 NW 1120+00 TO NW 1637+09

4-4 NAVARRO WEST SEGMENT

DRAWING NO.

RDY-NE-04002 NAVARRO EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NE 100+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-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 280+00 TO NE 460+00 RDY-NE-04006 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-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 640+00 TO EW 730+00
RDY-EW-04009 ELLIS WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EW 640+00 TO EW 820+00
RDY-EW-04001 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 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-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 730+00 TO EE 820+00

RDY-EE-04011 ELLIS EAST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. EE 820+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 630+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-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 - WILDLIFF CROSSING SHEFTS

	WILDLIFE CROSSING SHEETS
DRAWING NO.	DRAWING DESCRIPTIONS
14/1.6.00.04000	5-1 WILDLIFE CROSSING TYPICAL SECTIONS
	GENERAL - WILDLIFE CROSSINGS TYPICAL SECTIONS - SHEET 1 OF 2
	GENERAL - WILDLIFE CROSSINGS TYPICAL SECTIONS - SHEET 2 OF 2
	GENERAL - WILDLIFE CROSSINGS FENCE DETAILS
	DS SEGMENT THER - POTENTIAL WILDLIFE CROSSINGS (SHEET 1 OF 38)
	DS SEGMENT THER - POTENTIAL WILDLIFE CROSSINGS (SHEET 2 OF 38)
	DS SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 3 OF 38)
	EE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 4 OF 38)
	EE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 5 OF 38)
	EW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 6 OF 38)
	EW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 7 OF 38)
	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 8 OF 38)
	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 9 OF 38)
	NE SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 10 OF 38)
	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 11 OF 38)
	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 12 OF 38)
	NW SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 13 OF 38)
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 14 OF 38
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 15 OF 38
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 16 OF 38
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 17 OF 38)
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 18 OF 38
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 19 OF 38
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 20 OF 38
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 21 OF 38)
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 22 OF 38)
	IH-45 SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 23 OF 38)
	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 24 OF 38)
	WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 25 OF 38) WT SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 26 OF 38)
	WT SEGMENT THISK - POTENTIAL WILDLIFE CROSSINGS (SHEET 27 OF 38)
	WT SEGMENT THISR - POTENTIAL WILDLIFE CROSSINGS (SHEET 27 OF 38) WT SEGMENT THISR - POTENTIAL WILDLIFE CROSSINGS (SHEET 28 OF 38)
	WT SEGMENT THISR - POTENTIAL WILDLIFE CROSSINGS (SHEET 28 OF 38)
	WT SEGMENT THISK - POTENTIAL WILDLIFE CROSSINGS (SHEET 29 OF 38) WT SEGMENT THISR - POTENTIAL WILDLIFE CROSSINGS (SHEET 30 OF 38)
	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 30 OF 38)
	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 32 OF 38)
	HN SEGMENT THER - POTENTIAL WILDLIFE CROSSINGS (SHEET 32 OF 38)
	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 33 OF 38)
	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 34 OF 38)
	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 35 OF 38)
	HN SEGMENT THSR - POTENTIAL WILDLIFE CROSSINGS (SHEET 36 OF 38)
	HN SEGMENT THER - POTENTIAL WILDLIFE CROSSINGS (SHEET 37 OF 38)
W LC-00-04040	THE SEGIVICIAL THOR - POTEINTIAL WILDLIFE CROSSINGS (SHEET 38 OF 38)

ARUP
Arup Texas, Inc.
10370 Richmond Ave, Sulle 475
Houston, Texas 77042 USA
Tel (713) 783 2787 Fax (713) 343 1467

www.arup.com Texas Registered Engineering Firm: F-1990 FREESE NICHOLS

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



Drawing T

GENERAL INDEX SHEET 5 OF 5

\\N-YPWICS01\\CS Temp\26091\3121 90\234180-AFN-GEN-DWG-00-00007-V002.dgn

PLOT

- 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
- 4. FOR STANDARD GENERAL ABBREVIATIONS, SEE DRAWING GEN-00-0009
- 5 FOR STANDARD GENERAL SYMBOLS, SEE DRAWINGS GEN-00-0009
- "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.

- 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, AEROGRID, 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

#### LOD NOTES:

- 1. THE PROJECT LOD WAS DEVELOPED TO DEFINE A CONSERVATIVE ESTIMATE OF THE POTENTIAL "PROJECT 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.
- 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 DRAWING
- 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
- 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

#### **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 VORKS WOULD BE DETAILED DURING FINAL DESIGN AND WOULD COMPLY WITH APPLICABLE STATE, CITY,
- 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
- 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
- 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
- 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
- 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.
- 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

#### DRAINAGE NOTES:

- 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
- 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.
- 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 LINDER 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
- 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.
- 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.
- 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.
- 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

#### **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
- 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
- TPSS WOULD BE CONNECTED TO THE NEAREST 138KV TRANSMISSION LINES DESIGNED BY UTILITY PROVIDER AND SUBJECT TO ENVIRONMENTAL REVIEW.

#### **FACILITY NOTES:**

- 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:**

- 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
- 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

D. THOMPSON D. THOMPSON R. BURNS C. TAYLOR DATE DESCRIPTION 09/15/2017

Arup Texas, Inc. 10370 RIchmond Ave., Sulte 475 Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467

ered Engineering Firm: F-1990

FREESE INICHOLS 2711 North Haskell Ave., Suite 3300 Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201

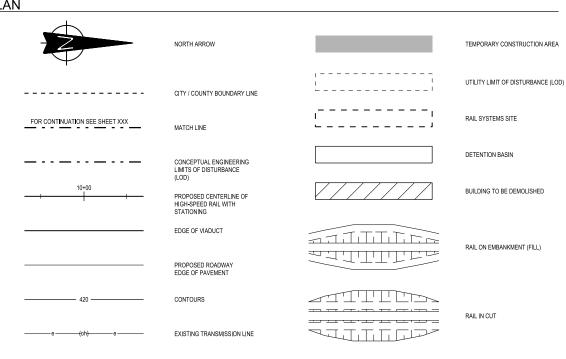
Texas Registered Engineering Firm: F-2144

TEXAS CENTRA

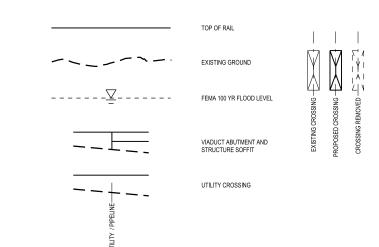
**GENERAL** NOTES

NO SCALE

FINAL DRAFT 234180 GEN-00-00008 01



#### **PROFILE**



FENCE

RETAINING WALL

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

IEARS COMMISSION ON ENVIRONM
QUALITY
TEMPORARY
TRAINSET MAINTENANCE FACILITY
TRACTION POWER SUBSTATION
TANGENT SPIRAL
TYPICAL
TOP OF RAIL

VARIABLE VERTICAL

CROSSING

YEAR

WESTBOUND WEST OF TEAGUE

UNITED STATES, UNITED STATES HIGHWAY UNION PACIFIC RAILROAD

TEMP TMF TPSS TS TYP TOR

US UPRR

VAR VERT, V

WB WT

XING

BOULEVARD BURLINGTON NORTH SANTE FE RAILROAD BOTTOM

COMMUNICATION HOUSE

DIAMETER
DISTANCE, DISTRICT
DRIVE
DRAWING
DALLAS SEGMENT
DALLAS SEGMENT NORTH
DALLAS SEGMENT SOUTH
DALLAS SEGMENT

ACTUAL SUPERELEVATION ELLIS EAST SEGMENT

FREIGHT RAIL SIDING

HEIGHT, HIGHWAY BRIDGE HOUSTON SEGMENT HOUSTON SEGMENT NORTH HOUSTON SEGMENT SOUTH HORIZONTAL HIGHWAY RETAINING WALL

HIGH SPEED RAIL HOUSTON TERMINUS SEGMENT

LENGTH LANE LIMITS OF DISTURBANCE LENGTH OF VERTICAL CURVE

MAINTENANCE MAXIMUM MAINTENANCE-OF-WAY MINIMUM MISCELLANEOUS MILES PER HOUR MAIN SIGNAL HOUSE

OVERHEAD CATENARY SYSTEM OUTSIDE DIAMETER ORIGINAL GRADE OVERHEAD OPPOSITE

PARKWAY
POINT OF BEGINNING
POINT OF END
PAVEMENT
POINT VERTICAL CURVATURE
POINT VERTICAL INTERSECTION
POINT VERTICAL TANGENT

RADIUS, RAIL BRIDGE

RADIOS, RAIL BRIDGE ROAD ROADWAY RANCH TO MARKET ROAD RIGHT OF WAY RAILROAD ROUTE RAILWAY

SPIRAL CURVE STATE HIGHWAY SIDING OFF SECTIONING POST SUB-SIGNAL HOUSE SUB-SECTIONING POST STREET, SPIRAL TO TANGENT

NORTHBOUND
NORTHBOUND
NAVARRO EAST SEGMENT
NATIONAL ELEVATION DATASET
NATIONAL HYDROGRAPHY DATASET
NATIONAL LAND COVER DATASET
NUMBER
NOT TO SCALE
NOT APPLICABLE
NAVARRO WEST SEGMENT, NOISE WALL
NATIONAL WETLANDS INVENTORY
PORTION OF NAVARRO WEST ASSOCIATED WITH IH-45 SEGMENT

FOOTING FREEWAY

GRADIENT GENERAL

KILOVOLT

MAINTENANCE

ELLIS EAST SEGMENT
ELECTRIC
ELEVATION
EMBANKMENT
ENGINEER
ENVIRONMENTAL PROTECTION AGENCY
UNBALANCED SUPERELEVATION
ELLIS WEST SEGMENT
EXISTING
EXTERIOR

FOUNDATION FEDERAL EMERGENCY MANAGEMENT AGENCY FINISHED GRADE FIGURE FLOW LINE FARM TO MARKET ROAD

COUNTY ROAD CENTERLINE CENTERLINE

COUNTY COUNTY ROAD CURVE TO SPIRAL CIVIL

BLVD BNSF BOT

CH CO RD

CO CR CS CVL

DIA DIST DR DRG DS DSN DSN DSS DT DWY

Ea EE ELECT ELEV EMB ENGR EPA EU EW EXIST, EX.

FDN FEMA FG FIG

FL FM FRS FTG FWY

G GEN

H HNN HNS HORIZ, H HRW HSR HT HWY

IH ISH KV

L LOD LVC

MAINT

MAX MOW MIN MISC MPH MSH

NB NE NED NHD NLCD NO. NTS N/A NW NWI NWI

OCS OD OG OH OPP

PKWY POB POE PVMT PVC PVI PVT

RD RDWY RM ROW RR, R/R RTE RWY

SC SH SO SP SSH SSP ST STA STD SYM





Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com Texas Registered Engineering Firm: F-2144



**GENERAL** ABBREVIATIO

Drawing Title

GENERAL	
ABBREVIATIONS	
AND LEGEND	

Scale			
NO SCALE			
Drawing Status			
FINAL DRAFT			
Job No	Drawing No	Rev	
234180	GEN-00-00009	01	

1 FOR ADDITIONAL DETAIL REGARDING INFORMATION FOR ADDITIONAL DETAIL RECARDING INFORMATION SHOWN ON DRAWINGS, SEE RAIL ANNOTATION TO CLARIFY DESIGN INTENT, DRAWING GEN-00-00010. SEE ROAD ANNOTATION TO CLARIFY DESIGN INTENT,

DRAWING GEN-00-00011.

# 5-1 WILDLIFE CROSSING TYPICAL SECTIONS

