	VOLUME 4 - I	ROADWAY PLAN SHEETS	
1	DRAWING NO.		DRAWING DESCRIPTIONS

22x34

<u>1-3 IH-45 SEGMENT</u> RDY-IH1-04012 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1000+00 TO IH1 1090+00 RDY-IH1-04013 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1090+00 TO IH1 1180+00 RDY-IH1-04014 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1180+00 TO IH1 1270+00 RDY-IH1-04015 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1270+00 TO IH1 1360+00 RDY-IH1-04016 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1360+00 TO IH1 1450+00 RDY-IH1-04017 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1450+00 TO IH1 1540+00 RDY-IH1-04018 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1540+00 TO IH1 1630+00 RDY-IH1-04019 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1630+00 TO IH1 1720+00 RDY-IH1-04020 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1720+00 TO IH1 1810+00 RDY-IH1-04021 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1810+00 TO IH1 1900+00 RDY-IH1-04022 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1900+00 TO IH1 1990+00 RDY-IH1-04023 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 1990+00 TO IH1 2080+00 RDY-IH1-04024 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2080+00 TO IH1 2170+00 RDY-IH1-04025 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2170+00 TO IH1 2260+00 RDY-IH1-04026 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2260+00 TO IH1 2350+00 RDY-IH1-04027 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2350+00 TO IH1 2440+00 RDY-IH1-04028 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2440+00 TO IH1 2530+00 RDY-IH1-04029 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2530+00 TO IH1 2620+00 RDY-IH1-04030 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2620+00 TO IH1 2710+00 RDY-IH1-04031 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2710+00 TO IH1 2800+00 RDY-IH1-04032 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2800+00 TO IH1 2890+00 RDY-IH1-04033 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2890+00 TO IH1 2980+00 RDY-IH1-04034 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 2980+00 TO IH1 3070+00 RDY-IH1-04035 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3070+00 TO IH1 3160+00 RDY-IH1-04036 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3160+00 TO IH1 3250+00 RDY-IH1-04037 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3250+00 TO IH1 3340+00 RDY-IH1-04038 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3340+00 TO IH1 3430+00 RDY-IH1-04039 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3430+00 TO IH1 3520+00 RDY-IH1-04040 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3520+00 TO IH1 3610+00 RDY-IH1-04041 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3610+00 TO IH1 3700+00 RDY-IH1-04042 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3700+00 TO IH1 3790+00 RDY-IH1-04043 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3790+00 TO IH1 3880+00 RDY-IH1-04044 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3880+00 TO IH1 3970+00 RDY-IH1-04045 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 3970+00 TO IH1 4060+00 RDY-IH1-04046 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4060+00 TO IH1 4150+00 RDY-IH1-04047 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4150+00 TO IH1 4240+00 RDY-IH1-04048 |IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH1 4240+00 TO IH1 4329+69 RDY-IH2-04049 IH-45 SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. IH2 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 4-4 NAVARRO WEST SEGMENT RDY-NW-01101 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 1 OF 2 NW 10+00 TO NW 1120+00 RDY-NW-01102 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - KEY MAP - SHEET 2 OF 2 NW 1120+00 TO NW 1637+09 RDY-NW-04001 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 10+00 TO NW 100+00 RDY-NW-04002 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 100+00 TO NW 190+00 RDY-NW-04003 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 190+00 TO NW 280+00 RDY-NW-04004 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 280+00 TO NW 370+00 RDY-NW-04005 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 370+00 TO NW 460+00 RDY-NW-04006 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 460+00 TO NW 550+00 RDY-NW-04007 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 550+00 TO NW 640+00 RDY-NW-04008 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 640+00 TO NW 730+00 RDY-NW-04009 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 730+00 TO NW 820+00 RDY-NW-04010 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 820+00 TO NW 910+00 RDY-NW-04011 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 910+00 TO NW 1000+00 RDY-NW-04012 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1000+00 TO NW 1090+00 RDY-NW-04013 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1090+00 TO NW 1180+00 RDY-NW-04014 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1180+00 TO NW 1270+00 RDY-NW-04015 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1270+00 TO NW 1360+00 RDY-NW-04016 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1360+00 TO NW 1450+00 RDY-NW-04017 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1450+00 TO NW 1540+00 RDY-NW-04018 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1540+00 TO NW 1630+00 RDY-NW-04019 NAVARRO WEST SEGMENT - CIVIL HIGHWAY - PLAN VIEW - STA. NW 1630+00 TO NW 1637+09

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	4-5 NAVARRO FAST	SEGMENT									IFFTC	
BDY-NE-01101	NAVARRO FAST SEGI	MENT - CIVIL HIGH	ΜΔΥ - ΚΕΥ ΜΔΡ -	SHEET 1 OF 2 N	JE 10+00 TO NE	1070+00	VOLUIVIE 5			<u>22110 21</u>		
RDY-NE-01102	NAVARRO FAST SEG	MENT - CIVIL HIGH		SHEET 2 OF 2 N	VE 1070+00 TO I	NF 1654+02	DRAWING NO.				DRAWING DESC	RIPTIONS
RDY-NE-04001	NAVARRO FAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA, NF 10+0	00 TO NF 100+0	0		5-1 WILD	LIFE CROS	SSING TYPIC	AL SECTIONS	
RDY-NE-04002	NAVARRO FAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 100-	+00 TO NE 190+	00	WLC-00-04000	GENERAL	- WILDLIF	E CROSSING	SS TYPICAL SECTIONS	- SHEET 1 OF 2
RDY-NE-04003	NAVARRO FAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA, NF 190-	+00 TO NE 280+	00	WLC-00-04001	GENERAL	- WILDLIF	E CROSSING	SS TYPICAL SECTIONS	- SHEET 2 OF 2
RDY-NE-04004	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 280-	+00 TO NE 370+	00	WLC-00-04002	GENERAL	- WILDLIF	E CROSSING	SS FENCE DETAILS	
RDY-NE-04005	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 370-	+00 TO NE 460+	00	WLC-00-04003	B DS SEGMI	ENT THSR	- POTENTIAL	L WILDLIFE CROSSING	<u>3S (SHEET 1 OF 38)</u>
RDY-NE-04006	NAVARRO EAST SEGI	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 460-	+00 TO NE 550+	00	WLC-00-04004	DS SEGMI	ENT THSR	- POTENTIAL	L WILDLIFE CROSSING	<u>3S (SHEET 2 OF 38)</u>
RDY-NE-04007	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 550-	+00 TO NE 640+	00	WLC-00-04005	DS SEGMI	ENT THSR	- POTENTIAL	L WILDLIFE CROSSING	<u>3S (SHEET 3 OF 38)</u>
RDY-NE-04008	NAVARRO EAST SEGI	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 640-	+00 TO NE 730+	00	WLC-00-04006			- POTENTIAL	WILDLIFE CROSSING	<u>35 (SHEET 4 OF 38)</u>
RDY-NE-04009	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 730-	+00 TO NE 820+	00	WLC-00-04007			- PUTENTIAL		15 (SHEET 5 OF 38)
RDY-NE-04010	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 820-	+00 TO NE 910+	00	WLC-00-04008					
RDY-NE-04011	NAVARRO EAST SEGI	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 910-	+00 TO NE 1000	+00	WLC-00-04003			- POTENTIA		GS (SHEET 7 OF 38)
RDY-NE-04012	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 1000	0+00 TO NE 109	0+00	WIC-00-04010	NE SEGM	ENT THSR	- POTENTIAI		35 (SHEET 9 OF 38)
RDY-NE-04013	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	<u>V - STA. NE 1090</u>	0+00 TO NE 118	0+00	WIC-00-04012	NE SEGMI	ENT THSR	- POTENTIAI	L WILDLIFE CROSSING	GS (SHEET 10 OF 38)
RDY-NE-04014	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 1180	0+00 TO NE 127	0+00	WIC-00-04013	NW SEGM	AFNT THSE	R - POTENTIA	AL WILDLIEF CROSSIN	JGS (SHEET 11 OF 38)
RDY-NE-04015	NAVARRO EAST SEG	MENT - CIVIL HIGH	WAY - PLAN VIEV	V - STA. NE 1270	0+00 TO NE 136	0+00	WLC-00-04014	NW SEGN	AENT THSE	R - POTENTIA	AL WILDLIFE CROSSIN	IGS (SHEET 12 OF 38)
RDY-NE-04016	NAVARRO EAST SEG	VIENT - CIVIL HIGH		V - STA. NE 1360	0+00 TO NE 145	0+00	WLC-00-04015	NW SEGN	AENT THSP	R - POTENTIA	AL WILDLIFE CROSSIN	IGS (SHEET 13 OF 38)
RDY-NE-04017	NAVARRO EAST SEG	MENT - CIVIL HIGH		V - STA. NE 1450	0+00 TO NE 154	0+00	WLC-00-04016	5 IH-45 SEG	MENT TH	SR - POTENT	TAL WILDLIFE CROSS	INGS (SHEET 14 OF 38
RDT-NE-04018	NAVARRO EAST SEGI			V - STA. NE 1540	0+00 TO NE 165	4+02	WLC-00-04017	7 IH-45 SEG	MENT TH	SR - POTENT	TAL WILDLIFE CROSS	INGS (SHEET 15 OF 38
RDV-NE-04019	NAVARRO EAST SEG	MENT - CIVIL HIGH		VE RDV-NE-0/01	1	4+02	WLC-00-04018	IH-45 SEG	MENT TH	SR - POTENT	TAL WILDLIFE CROSS	INGS (SHEET 16 OF 38
ND1-NE-04020	4-6 FILIS WEST SEG	MENT					WLC-00-04019	IH-45 SEG	MENT TH	SR - POTENT	TAL WILDLIFE CROSS	INGS (SHEET 17 OF 38
RDY-FW-01101	FILIS WEST SEGMEN	T - CIVIL HIGHWAY	- KEY MAP - SHE	FT 1 OF 2 FW 1	0+00 TO FW 11	20+00	WLC-00-04020) IH-45 SEG	MENT TH	SR - POTENT	TAL WILDLIFE CROSS	INGS (SHEET 18 OF 38
RDY-FW-01102	FILLS WEST SEGMEN	T - CIVIL HIGHWAY	- KEY MAP - SHE	FT 2 OF 2 FW 1	120+00 TO FW	1242+50	WLC-00-04021	IH-45 SEG	MENT TH	SR - POTENT	TAL WILDLIFE CROSS	INGS (SHEET 19 OF 38
RDY-EW-04001	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 10+00 T	O EW 100+00		WLC-00-04022	2 IH-45 SEG	MENT TH	SR - POTENT	TAL WILDLIFE CROSS	INGS (SHEET 20 OF 38
RDY-EW-04002	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 100+00	TO EW 190+00		WLC-00-04023	B IH-45 SEG	MENT TH	<u>SR - POTENT</u>	TAL WILDLIFE CROSS	INGS (SHEET 21 OF 38
RDY-EW-04003	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 190+00	TO EW 280+00		WLC-00-04024	I IH-45 SEG	MENT TH	SR - POTENT	IAL WILDLIFE CROSS	INGS (SHEET 22 OF 38
RDY-EW-04004	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 280+00	TO EW 370+00		WLC-00-04025	HH-45 SEG	MENT IN	SR - POTENT	TAL WILDLIFE CROSS	INGS (SHEET 23 OF 38
RDY-EW-04005	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 370+00	TO EW 460+00		WLC-00-04026			C - POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 24 OF 38)
RDY-EW-04006	ELLIS WEST SEGMEN	<u>T - CIVIL HIGHWAY</u>	- PLAN VIEW - S	TA. EW 460+00	TO EW 550+00		WLC-00-04027			- POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 25 OF 38)
RDY-EW-04007	ELLIS WEST SEGMEN	<u>T - CIVIL HIGHWAY</u>	- PLAN VIEW - S	TA. EW 550+00	TO EW 640+00		WLC-00-04028					GS (SHEET 27 OF 38)
RDY-EW-04008	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 640+00	TO EW 730+00		WIC-00-04025		IENT THSP	- POTENTIA		GS (SHEET 28 OF 38)
RDY-EW-04009	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 730+00	TO EW 820+00		WIC-00-04030	WT SEGM	IENT THSR	- POTENTIA	WILDLIFE CROSSIN	GS (SHEET 29 OF 38)
RDY-EW-04010	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 820+00	TO EW 910+00		WIC-00-04032	WT SEGM	IENT THSR	- POTENTIA	WILDLIFF CROSSIN	GS (SHEET 30 OF 38)
RDY-EW-04011	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 910+00	10 EW 1000+00)	WLC-00-04033	B HN SEGM	ENT THSR	- POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 31 OF 38)
RDY-EW-04012	ELLIS WEST SEGMEN	T - CIVIL HIGHWAY	- PLAN VIEW - S	TA. EW 1000+00	0 TO EW 1090+0	0	WLC-00-04034	HN SEGM	ENT THSR	- POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 32 OF 38)
RDY-EW-04013	ELLIS WEST SEGIVIEN		- PLAIN VIEW - S	TA. EW 1090+00	0 TO EW 1180+0	50	WLC-00-04035	5 HN SEGM	IENT THSR	- POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 33 OF 38)
KD1-EW-04014	A-7 FILIS FAST SEGMEN		- FLAIN VIEW - 3	TA. EW 1180+00	0 TO EW 1242+.	50	WLC-00-04036	6 HN SEGM	IENT THSR	- POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 34 OF 38)
BDY-FF-01101	FILIS FAST SEGMENT	CIVIL HIGHWAY	- KEY MAP - SHE	ET 1 OE 2 EE 104	+00 TO FE 1064-	+00	WLC-00-04037	' HN SEGM	IENT THSR	- POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 35 OF 38)
RDY-FF-01102	FILIS FAST SEGMENT	- CIVIL HIGHWAY	- KEY MAP - SHE	ET 2 OF 2 FF 106	54+00 TO FF 120	78+15	WLC-00-04038	B HN SEGM	IENT THSR	- POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 36 OF 38)
RDY-EE-04001	ELLIS EAST SEGMENT	- CIVIL HIGHWAY	- PLAN VIEW - ST	A. EE 10+00 TO	EE 100+00		WLC-00-04039	HN SEGM	ENT THSR	- POTENTIA	L WILDLIFE CROSSIN	GS (SHEET 37 OF 38)
RDY-EE-04002	ELLIS EAST SEGMENT	- CIVIL HIGHWAY	- PLAN VIEW - ST	A. EE 100+00 TO	O EE 190+00		WLC-00-04040	HN SEGM	ENT THSR	- POTENTIA	L WILDLIFE CROSSIN	<u>GS (SHEET 38 OF 38)</u>
RDY-EE-04003	ELLIS EAST SEGMENT	- CIVIL HIGHWAY	- PLAN VIEW - ST	A. EE 190+00 TO	O EE 280+00							
RDY-EE-04004	ELLIS EAST SEGMENT	- CIVIL HIGHWAY	- PLAN VIEW - ST	A. EE 280+00 TO	O EE 370+00							
RDY-EE-04005	ELLIS EAST SEGMENT	- CIVIL HIGHWAY	- PLAN VIEW - ST	A. EE 370+00 TO	O EE 460+00							
RDY-EE-04006	ELLIS EAST SEGMENT	- CIVIL HIGHWAY	- PLAN VIEW - ST	A. EE 460+00 TO	O EE 550+00							
RDY-EE-04007	ELLIS EAST SEGMENT	- CIVIL HIGHWAY	- PLAN VIEW - ST	A. EE 550+00 T	O EE 640+00							
RDY-EE-04008	ELLIS EAST SEGMENT	- CIVIL HIGHWAY	- PLAN VIEW - ST	A. EE 640+00 T	O EE 730+00							
RDY-EE-04009	ELLIS EAST SEGMENT	<u>- CIVIL HIGHWAY</u>	- PLAN VIEW - ST	A. EE 730+00 TO	O EE 820+00							
KDY-EE-04010	ELLIS EAST SEGMENT		- PLAN VIEW - ST	A. EE 820+00 TO	0 EE 910+00							
RDY-EE-04011	ELLIS EAST SEGMENT		- PLAN VIEW - ST	A. EE 910+00 10	0 EE 1000+00							
RDY-EE-04012	ELLIS EAST SEGIVIENT		PLAN VIEW - ST	A. EE 1000+00	TO EE 1090+00							
RDV-EE-04013	ELLIS EAST SEGMENT		- PLAN VIEW - 31 - DLAN VIEW - ST	A. EE 1090+00	TO EE 1180+00							
ND1-LL-04014	4-8 DALLAS SEGMEN		- FLAN VILVV - 31	A. LL 1100+00	TO LL 1208+15							
RDY-DS-01101	DALLAS SEGMENT - 0	IVII HIGHWAY - KI	Y MAP - SHEFT	1 OF 1 DS 10+00	TO DS 770+78							
RDY-DS-04000	DALLAS SEGMENT - 0	CIVIL HIGHWAY - PI	AN VIEW - STA	DS 10+00 TO DS	5 90+00							
RDY-DS-04001	DALLAS SEGMENT - C	CIVIL HIGHWAY - PI	AN VIEW - STA.	DS 90+00 TO DS	5 180+00							
RDY-DS-04002	DALLAS SEGMENT - O	CIVIL HIGHWAY - PI	AN VIEW - STA.	DS 180+00 TO D	DS 270+00							
RDY-DS-04003	DALLAS SEGMENT - O	CIVIL HIGHWAY - PI	AN VIEW - STA.	DS 270+00 TO D	DS 360+00							
RDY-DS-04004	DALLAS SEGMENT - C	CIVIL HIGHWAY - PI	AN VIEW - STA.	DS 360+00 TO D	DS 450+00							
RDY-DS-04005	DALLAS SEGMENT - O	CIVIL HIGHWAY - PI	AN VIEW - STA.	DS 450+00 TO D	DS 540+00							
RDY-DS-04006	DALLAS SEGMENT - O	CIVIL HIGHWAY - PI	AN VIEW - STA.	DS 540+00 TO D	DS 630+00							
RDY-DS-04007	DALLAS SEGMENT - O	CIVIL HIGHWAY - PI	AN VIEW - STA.	DS 630+00 TO D	DS 720+00							
RDY-DS-04008	DALLAS SEGMENT - C	CIVIL HIGHWAY - PI	AN VIEW - STA.	DS 720+00 TO D	DT 50+00							
RDY-DS-04009	DALLAS SEGMENT - C	CIVIL HIGHWAY - PI	AN VIEW - STA.	DT 50+00 TO DT	140+00							
_ RDY-DS-04010	DALLAS SEGMENT - (LIVIL HIGHWAY - PI	AN VIEW - STA.	UI 140+00 TO D	01 21/+02							

							DESIGNED BY	
-							D. THOMPSON DRAWN BY	
							D. THOMPSON	
							R. BURNS	Arup Texas, Inc. 10370 Richmond Ave., Sulte 475 2711 North Haskell Ave., Suite 3300
								Houston, Texas 77042 USA Dallas, Texas 75204 Tel (713) 783 2787 Fax (713) 343 1467 Tel (214) 217 2200 Fax (214) 217 2201
	REV	DATE	BY	СНК	APP	DESCRIPTION	DATE 09/15/2017	Texas Registered Engineering Firm: F-1990 Texas Registered Engineering Firm: F-2144 1409 South Lamar Street, Suite 1022, Dallas.Ter

Drawing Title

GENERAL **INDEX SHEET 5 OF 5**

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Drawing Status					
	FINAL DRAFT				
Job No	Drawing No				
234180	GEN-00-00007				

	GENERAL NOTES:
1	 THESE DRAWINGS ACCOMPANY FINAL DRAFT CONCEPTUAL ENGINEERING REPORT (FDCE) V7 REPORT DATED SEPTEMBER 15, 2017.
	2. DRAWING SET INCLUDES FIVE (5) VOLUMES.
_	3. CONCEPTUAL ENGINEERING WAS DEVELOPED TO IDENTIFY PROJECT LIMIT OF DISTURBANCE (LOD), OR "PROJECT FOOTPRINT". CONCEPTUAL ENGINEERING DRAWINGS AND FDCE REPORT ARE ISSUED TO PROVIDE PROJECT DEFINITION FOR ENVIRONMENTAL ANALYSES ONLY. FINAL DESIGN WOULD BE DEVELOPED TO MITIGATE ANY IMPACTS IDENTIFIED THROUGH ENVIRONMENTAL ANALYSES. NOT FOR CONSTRUCTION.
	4. FOR STANDARD GENERAL ABBREVIATIONS, SEE DRAWING GEN-00-0009.
2	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.
	 GENERAL NOTES FOR PROJECT ELEMENTS INCLUDED ON GENERAL NOTES PAGES. REFER TO INDIVIDUAL DISCIPLINE DRAWINGS FOR ADDITIONAL NOTES.
3	BASEMAPPING NOTES:
	 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.
4	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.
	 ALL DATA HAS BEEN REPROJECTED TO TEXAS STATE PLANE, SOUTH CENTRAL, CENTRAL, AND NORTH
5	 AEMAL IMAGERY WAS DE HAINED FROM ARGED VILLE SERVICES. SOURCE: ESKI, 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 WITH UN TO UNDERNOOD.
	WITH HATCHING.
	LOD NOTES:
6	 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.
7	
	<u>TRACK NOTES:</u>
	 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 DRAWINGS
8	 MAINTELEVICE OF WAT, AND TRAINED MAINTELEVICE FAULTIES, AS SHOWN ON DRAWINGS. MAINTELEVICE OF WAT, AND TRAINED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF MAINTENANCE OF WAT, AND TRAINED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF MAINTENANCE OF WAT, AND TRAINED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF MAINTENANCE OF WAT, AND TRAINED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF MAINTENANCE OF WAT, AND TRAINED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF MAINTENANCE OF WAT, AND TRAINED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF MAINTENANCE OF WAT, AND TRAINED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF MAINTENANCE OF WAT, AND TRAINED AT THE ENTRANCE AND EXIT OF ALL STATIONS, MAINTENANCE OF MAINTENANCE OF WAT, AND TRAINED AT THE AND EXIT OF AND EXIT OF ALL STATIONS, MAINTENANCE OF AND TRAINED AT THE AND TRAINED AT THE AND TRAINED AND TRAINED AND EXIT OF AND TRAINED AND TRA
	WAY (MOW) FAGILITIES, AND TRAINSET MAINTENANCE FACILITIES (TMFS).
	PLAN AND PROFILE GENERAL NOTES:
	 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.
9	2. ALL EXISTING AND PROPOSED STRUCTURAL ELEMENTS SHOWN ARE BASED ON CONCEPTUAL
	ENGINEERING DESIGN AND AERIAL IMAGERY AND MAY BE REVISED BASED ON MORE ADVANCED SURVEY AND DESIGNS.
_	3. SEE SHEET GEN-UU-UUUTU FOR A KEY TO INFORMATION SHOWN ON PLAN AND PROFILE DRAWINGS.
	MAINTENANCE OF WAY FACILITIES AND TRANSET MAINTENANCE FACILITIES ARE SHOWN ON THE VOLUME MAINTENANCES.
10	

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

TYPICAL SECTIONS NOTES:

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

UTILITIES NOTES:

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

DRAINAGE NOTES:

- 1 PROPOSED DETENTION BASIN LO INTENDED FOR PRELIMINARY PLA SPECIFIC CONFIGURATIONS WOU APPLICABLE REQUIREMENTS.
- 2. EXISTING CULVERTS ARE NOT SH
- PROPOSED TRACK AND ROADWA 3. IN ACCORDANCE WITH APPLICAB PROPOSED CONFIGURATIONS.
- 4. EXISTING STORMWATER FACILIT
- 5. TEXAS COMMISSION ON ENVIRON
 - STORMWATER RUNOFF AND PRO
 - 6. CONSTRUCTION OF THE RAIL MAY IMMEDIATELY ADJACENT TO THE A FULL RELOCATION OF THE PON THE FULL RELOCATION OF THE P LANDOWNER NEGOTIATIONS WIL

STRUCTURES GENERAL NOTE

- 1. TYPICAL SECTIONS WERE DEVE STRUCTURAL ELEMENTS, TYPIC ENVIRONMENTAL ANALYSIS.
- 2. APPROXIMATE HSR VIADUCT AN TO SUPPORT ENVIRONMENTAL REFINED DURING FINAL DESIGN
- 3. PLAN AND PROFILE DRAWINGS STRUCTURAL DESIGN WOULD B APPLICABLE REQUIREMENTS WOULD BE DEVELOPED TO MITI
- 4. HSR PROFILE WAS DEVELOPED 100 YEAR FLOOD LEVEL TO BRID WOULD BE DEVELOPED TO MEE
- SPECIAL STRUCTURES WOULD ISSUES SUCH AS LONG SPANS IMPACTS. THE CONSTRUCTABIL PROFILE DRAWINGS IDENTIFY A AREAS FOR SPECIAL STRUCTUR

SYSTEMS GENERAL NOTES:

- 1. SYSTEMS SCHEMATICS, SHOWN SYSTEMS FACILITIES THAT HAVE
- 2 AREA FOR SYSTEMS FACILITY S GENERICALLY CALLED OUT AS " REPORT TO DETERMINE THE SP
- 3 TYPICAL LAYOUT PLANS FOR FA ROUGH SYS-00-010
- 4. LOD DEVELOPED FOR ENVIRON DRIVEWAY AND SPACE TO PARK
- 5. SYSTEMS BUILDINGS WOULD BE CONDITIONS, BE CONTEXT SENS COMMUNICATION FACILITIES WO

6. TPSS WOULD BE CONNECTED TO ROVIDER AND SUBJECT TO EN

FACILITY NOTES:

- 1. PROPOSED HSR FACILITIES WOU MAINTENANCE OF WAY (MOW) F SYSTEMS SITES, INCLUDING TR COMMUNICATIONS HOUSES, LO PROPOSED FACILITIES ARE FOR
- 2. ALL FACILITIES WOULD BE POWE
- 3. ACCESS, SECURITY, AND UTILIT' DURING FINAL DESIGN.

CONSTRUCTION CONSIDERAT

- CONSTRUCTION REQUIREMENTS ENGINEERING AND ARE DOCUMEN
- 2 TEMPORARY CONSTRUCTION ARE PRECASTING FACILITIES WERE ID CONSTRUCTION STAGING AREAS
- 3. SPECIAL STRUCTURES REQUIRED LONG SPANS, CROSSOVER STRUC REPORT.
- 4. MEASURES REQUIRED TO MITIGAT DENTIFIED THROUGH THE ENVIRO MAINTENANCE AND PROTECTION WOULD BE REQUIRED TO SECURE WORKS.

	REV	DATE	BY	Сн	KAPF	P DESCRIPTION	D. THOMPSON D. THOMPSON D. THOMPSON CHECKED BY R. BURNS N CHARGE C. TAYLOR DATE 09/15/2017	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	2711 North Haskell Ave., Suite 3300 Dalas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com Texas Registered Engineering Firm: F-2144	Client
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O THE NEAREST 13 VIRONMENTAL REY	38KV TRANSMISSION LINES DESIGNED BY UTILITY VIEW.								
E DETAILED DURING SITIVE, AND MINIMI DULD BE APPROXI	G FINAL DESIGN TO CONSIDER SITE SPECIFIC IZE VISUAL IMPACT. THE RADIO MAST AT WATELY 50FT (15M) ABOVE THE TOP OF RAIL ELEVATI	ON.							
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	A	В	C	D E	F G	Н	J	К
		ABBREVIATIONS	<u>S</u>				<u>LEGEND</u>	
1	ALT	ALTERNATE	TBD TCFO	TO BE DETERMINED TEXAS COMMISSION ON ENVIRONMENTAL	PLAN			
	APPROX ATP AVE	APPROXIMATE AUTOTRANSFORMER POST AVENUE	TEMP	QUALITY TEMPORARY TRAINSET MAINTENANCE FACILITY	\frown			
	BLVD BNSF	BOULEVARD BURLINGTON NORTH SANTE FE RAILROAD	TPSS TS TYP	TRACTION POWER SUBSTATION TANGENT SPIRAL TYPICAL		NORTH ARROW		TEMPORARY CONSTRUCTION AREA
	вот Сн	BOTTOM COMMUNICATION HOUSE	TOR US	TOP OF RAIL UNITED STATES, UNITED STATES HIGHWAY	\downarrow		·	
	CO RD CL ©	COUNTY ROAD CENTERLINE CENTERLINE	UPRR VAR	UNION PACIFIC RAILROAD VARIABLE		CITY / COUNTY BOUNDARY LINE		UTILITY LIMIT OF DISTURBANCE (LOD)
2	CO CR CS	COUNTY COUNTY ROAD CURVE TO SPIRAL	VERT, V WB	VERTICAL WESTBOUND			,,	RAIL SYSTEMS SITE
	DIA		XING	CROSSING		MATCH LINE	J	
-	DR DRG DS	DRIVE DRAWING DALLAS SEGMENT	YR	YEAR				DETENTION BASIN
	DSN DSS DT	DALLAS SEGMENT NORTH DALLAS SEGMENT SOUTH DALLAS TERMINUS SEGMENT				LIMITS OF DISTURBANCE (LOD)		
3	DWY Ea	DRIVEWAY ACTUAL SUPERELEVATION				PROPOSED CENTERLINE OF		BUILDING TO BE DEMOLISHED
	EE ELECT ELEV	ELLIS EAST SEGMENT ELECTRIC ELEVATION				STATIONING		
_	EMB ENGR EPA	EMBANKMENT ENGINEER ENVIRONMENTAL PROTECTION AGENCY				EDGE OF VIADUCT		RAIL ON EMBANKMENT (FILL)
	EU EW EXIST, EX.	UNBALANCED SUPERELEVATION ELLIS WEST SEGMENT EXISTING				PROPOSED ROADWAY		
4	EXT FDN	EXTERIOR FOUNDATION				EDGE OF PAVEMENT		
	FG FG FIG				420	CONTOURS		
	FM FM FRS	FLOW LINE FARM TO MARKET ROAD FREIGHT RAIL SIDING						RAIL IN CUT
	FWY	FREEWAY			eee	EXISTING TRANSMISSION LINE		
	GEN				xx	FENCE		
5	HN HNN HNS	HOUSTON SEGMENT HOUSTON SEGMENT NORTH HOUSTON SEGMENT SOUTH						
	HORIZ, H HRW HSB	HORIZONTAL HIGHWAY RETAINING WALL HIGH SPEED RAIL			· · · · · · · · · · · · · · · · · · ·	RETAINING WALL		
-	HT HWY	HOUSTON TERMINUS SEGMENT HIGHWAY				OUNTER		
	IH ISH	INTERSTATE HIGHWAY INTERMEDIATE SIGNAL HOUSE				COLVERT		
6	KV L	KILOVOLT LENGTH						
	LN LOD LVC	LANE LIMITS OF DISTURBANCE LENGTH OF VERTICAL CURVE						
	MAINT MAX				PROFILE			
	MOW MIN MISC	MAIN LENANCE-OF-WAY MINIMUM MISCELLANEOLIS						
	IVIPH							
7	MSH	MILES PER HOUR MAIN SIGNAL HOUSE				TOP OF RAIL		
7	MSH NB NE NED NHD	MILES PER HOUR MAIN SIGNAL HOUSE NORTHBOUND NAVARRO EAST SEGMENT NATIONAL ELEVATION DATASET NATIONAL HYDROGRAPHY DATASET					 NZ NZ 5.4	
7	MSH NE NED NHD NLCD NO. NTS	MILES PER HOUR MAIN SIGNAL HOUSE NORTHBOUND NAVARRO EAST SEGMENT NATIONAL ELEVATION DATASET NATIONAL LEVATION DATASET NATIONAL LAND COVER DATASET NUMBER NOT TO SCALE				TOP OF RAIL		
7	MSH NE NED NHD NLCD NO. NTS N/A NW NWI	MILES PER HOUR MAIN SIGNAL HOUSE NORTHBOUND NAVARO EAST SEGMENT NATIONAL ELEVATION DATASET NATIONAL HYDROGRAPHY DATASET NATIONAL HYDROGRAPHY DATASET NUMBER NOT TO SCALE NOT TO SCALE NOT TO SCALE NATARO WEST SEGMENT, NOISE WALL NATIONAL WETLANDS INVENTORY				TOP OF RAIL EXISTING GROUND FEMA 100 YR FLOOD LEVEL		
7	MSH NB NED NLCD NO. NTS N/A NW NWI NWIH OCS	MILES PER HOUR MAIN SIGNAL HOUSE NORTHBOUND NAVARRO EAST SEGMENT NATIONAL ELEVATION DATASET NATIONAL LEVATION 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 OVERHEAD CATENARY SYSTEM	IH-45 SEGMENT		<u>\Z</u>	TOP OF RAIL EXISTING GROUND FEMA 100 YR FLOOD LEVEL	REMOVED A A A A A A A A A A A A A A A A A A A	
8	MSH NB NED NHD NLCD NCO NTS N/A NW NWI NWI NWIH OCS OD OG OH	MILES PER HOUR MAIN SIGNAL HOUSE NORTHEOUND NAVARRO EAST SEGMENT NATIONAL ELEVATION DATASET NATIONAL LEVATION DATASET NATIONAL HYDROGRAPHY DATASET NATIONAL LAND COVER DATASET NOT TO SCALE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NATIONAL WETLANDS INVENTORY PORTION OF NAVARRO WEST ASSOCIATED WITH OVERHEAD CATENARY SYSTEM OUTSIDE DIAMETER ORIGINAL GRADE OVERHEAD	IH-45 SEGMENT		 	TOP OF RAIL EXISTING GROUND FEMA 100 YR FLOOD LEVEL VIADUCT ABUTMENT AND	POSED CROSSING	
8	MSH NB NED NHD NLCD NTS N/A NW NWI NWI NWIH OCS OD OG OH OP PKWY	MILES PER HOUR MAIN SIGNAL HOUSE NORTHBOUND NAVARRO EAST SEGMENT NATIONAL ELEVATION DATASET NATIONAL LELVATION DATASET NATIONAL LAND COVER DATASET NOT TO SCALE NOT APPLICABLE NAVARRO WEST SEGMENT, NOISE WALL NATIONAL WETLANDS INVENTORY PORTION OF NAVARRO WEST ASSOCIATED WITH OVERHEAD CATEMARY SYSTEM OUTSIDE DIAMETER ORIGINAL GRADE OVERHEAD OVERHEAD OVERHEAD	IH-45 SEGMENT			TOP OF RAIL EXISTING GROUND FEMA 100 YR FLOOD LEVEL VIADUCT ABUTMENT AND STRUCTURE SOFFIT	EXISTING CROSSING	
8	MSH NB NED NHD NLCD NTS N/A NW NWI NWI OCS OD OG OH OPP PKWY POB POE PVMT	MILES PER HOUR MAIN SIGNAL HOUSE NORTHEOUND NAVARRO EAST SEGMENT NATIONAL LEVATION DATASET NATIONAL LEVATION DATASET NATIONAL LAUNCOVER DATASET NUMBER NOT TO SCALE NOT APPLICABLE SCALE NOT APPLICABLE NATAGNAL WETLANDS INVENTORY PORTION OF NAVARRO WEST ASSOCIATED WITH OVERHEAD CATENARY SYSTEM OUTSIDE DIAMETER ORIGINAL GRADE OVERHEAD OVERHEAD OVERHEAD OVERHEAD OPPOSITE PARKWAY POINT OF BEGINNING POINT OF END	IH-45 SEGMENT			TOP OF RAIL EXISTING GROUND FEMA 100 YR FLOOD LEVEL VIADUCT ABUTMENT AND STRUCTURE SOFFIT UTILITY CROSSING	EXISTING CROSSING	
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NOTE:

FOR ADDITIONAL DETAIL REGARDING 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.

ENTRAL	AB

Drawing Title

1022,	Dallas.Texas 75215	

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								P. TONKIN	ARUP		
								G. VOWELS	Arup Texas, Inc. 10370 Richmond Ave., Sulte 475	2711 North Haskell Ave., Suite 3300	
									Houston, Texas 77042 USA Tel (713) 783 2787 Fax (713) 343 1467 www.arup.com	Dallas, Texas 75204 Tel (214) 217 2200 Fax (214) 217 2201 www.freese.com	
		REV	DATE	BY	СНК	APP	DESCRIPTION	09/15/2017	Texas Registered Engineering Firm: F-1990	Texas Registered Engineering Firm: F-2144	
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Client Dr Client TEXAS TEXAS CENTRAL Dr 1409 South Lamar Street, Suite 1022, Dallas,Texas 75215	GENERAL GENERAL ROADWAY ANNOTATION TO CLARIFY DESIGN INTENT	Scale AS SHOWN Drawing Status F Job No 234180	INAL DRAFT Drawing No GEN-00-00011	Rev 01

<u>4-8</u> DALLAS SEGMENT



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