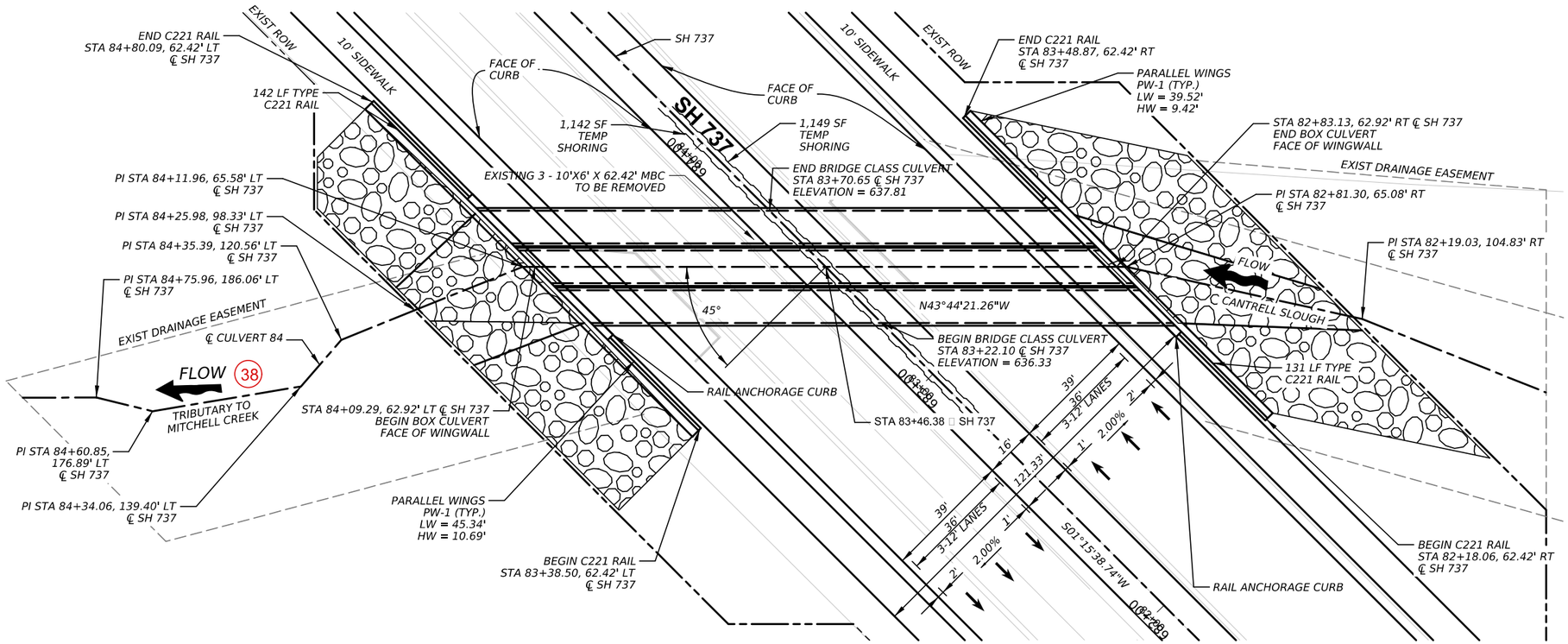
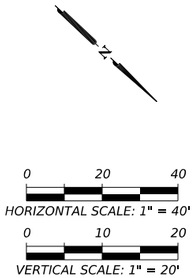
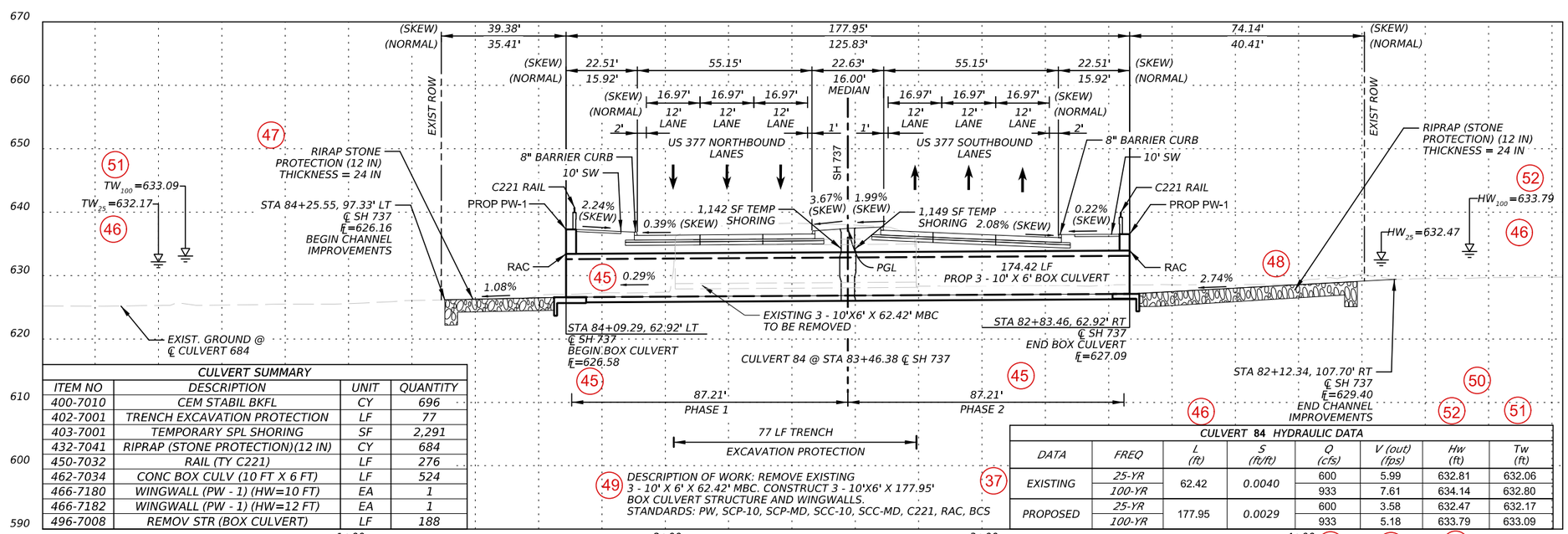




X REFERENCE ITEM ON PBLR H&H CHECKLIST



CULVERT SUMMARY			
ITEM NO	DESCRIPTION	UNIT	QUANTITY
400-7010	CEM STABIL BKFL	CY	696
402-7001	TRENCH EXCAVATION PROTECTION	LF	77
403-7001	TEMPORARY SPL SHORING	SF	2,291
432-7041	RIPRAP (STONE PROTECTION)(12 IN)	CY	684
450-7032	RAIL (TY C221)	LF	276
462-7034	CONC BOX CULV (10 FT X 6 FT)	LF	524
466-7180	WINGWALL (PW - 1) (HW=10 FT)	EA	1
466-7182	WINGWALL (PW - 1) (HW=12 FT)	EA	1
496-7008	REMOV STR (BOX CULVERT)	LF	188

37 DESCRIPTION OF WORK: REMOVE EXISTING 3 - 10' X 6' X 62.42' MBC. CONSTRUCT 3 - 10'X6' X 177.95' BOX CULVERT STRUCTURE AND WINGWALLS.
STANDARDS: PW, SCP-10, SCP-MD, SCC-10, SCC-MD, C221, RAC, BCS

CULVERT 84 HYDRAULIC DATA							
DATA	FREQ	L (ft)	S (ft/ft)	Q (cfs)	V (out) (fps)	Hw (ft)	Tw (ft)
EXISTING	25-YR	62.42	0.0040	600	5.99	632.81	632.06
	100-YR			933	7.61	634.14	632.80
PROPOSED	25-YR	177.95	0.0029	600	3.58	632.47	632.17
	100-YR			933	5.18	633.79	633.09

EXISTING NBI: 28-255-0-9999-99-099
PROPOSED NBI: 28-255-0-9999-99-101

Texas Department of Transportation

SH 737

BRIDGE CLASS CULVERT 84 LAYOUT

©2024 TxDOT

CONT	SECT	JOB	HIGHWAY
9999	99	101	SH 737
DIST	COUNTY		SHEET NO.
DIY	PHILLIPS		