

0972-043 - 0972-047, 0KV, 3-8-7, STRAND\_EHS\_STEEL\_WIR, RULING SPAN 854 (FT), TENSION 1717 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 1775 (LBS)  
 0972-043 - 0972-047, 0KV, OPGW\_DNO-8959\_WIR, RULING SPAN 855 (FT), TENSION 2775 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 2780 (LBS)  
 0972-043 - 0972-047, 345KV, CARDINAL\_ACSS\_TW\_WIR, RULING SPAN 855 (FT), TENSION 5444 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED MAX OP TEMP (200 DEG C) MAX SAG 3288 (LBS)  
 0972-047 - 0972-053, 0KV, 3-8-7, STRAND\_EHS\_STEEL\_WIR, RULING SPAN 1010 (FT), TENSION 1784 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 1740 (LBS)  
 0972-047 - 0972-053, 0KV, OPGW\_DNO-8959\_WIR, RULING SPAN 1022 (FT), TENSION 2781 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 2781 (LBS)  
 0972-047 - 0972-053, 345KV, CARDINAL\_ACSS\_TW\_WIR, RULING SPAN 1010 (FT), TENSION 5642 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED MAX OP TEMP (200 DEG C) MAX SAG 3633 (LBS)  
 0972-047 - 0972-053, 345KV, CARDINAL\_ACSS\_TW\_WIR, RULING SPAN 1022 (FT), TENSION 5652 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED MAX OP TEMP (200 DEG C) MAX SAG 3655 (LBS)



NOTE: REFER TO THE STRUCTURE LIST FOR DETAILED DESIGN INFORMATION.

FILED UNDER: XXXXX

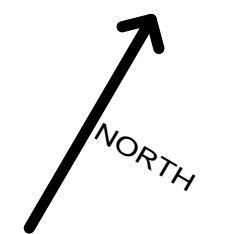
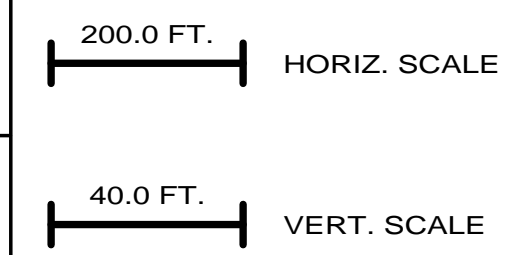


REV	DESCRIPTION	DWN	DGN	CHK	DATE
12	AS-BUILT W.O. #0972	MWB	MWB	HWD	05/01/15
11	RELINE MARKUPS INCORPORATED	MWB	MWB	HWD	07/25/14
10	SWAPPED STRUCTURE 0301 WITH #84 (145) IN SEG 7. SEE STRUCTURE LOCATION MATRIX REV 11 FOR DETAILS.	MWB	MWB	HWD	06/26/14
9	MOVED STRUCTURE 043 WEST. SEE 0972 BROOKINGS-LYON STRUCTURE LOCATION MATRIX REV 10 FOR DETAILS.	MWB	MWB	HWD	02/04/14
8	UPDATED STRUCTURE NOTES	MWB	MWB	HWD	12/13/13
7	VARIOUS STAKING REVIEW MOVES. SEE 0972 BROOKINGS-LYON STRUCTURE MATRIX REV 8 FOR DETAILS.	MWB	MWB	HWD	12/13/13

APPROVALS	DATE	DESIGN DATA
DRAWN BY: MWB	05/01/15	CONDUCTOR: 954 ACSS/TW 20/7
DESIGN BY: MWB	05/01/15	SHIELD WIRE: 3/8 EHS / DNO-8959 OPGW
CHECKED BY: HWD	05/01/15	
APPROVED BY: LDK	05/01/15	



BROOKINGS - LYON COUNTY  
345 KV DOUBLE CIRCUIT TRANSMISSION LINE



DWG. NO.  
0972-91D  
REVISION: 12  
SHEET 9 OF 60