

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, 345KV, CARDINAL ACSS, TW WIR, RULING SPAN 1022 (FT), TENSION 2918 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 2751 (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)
 0972-053 - 0972-054, 0KV, 3-8-7 STRAND, EHS, STEEL WIR, RULING SPAN 626 (FT), TENSION 1809 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 1804 (LBS)
 0972-053 - 0972-054, 0KV, OPGW, DNO-8959 WIR, RULING SPAN 626 (FT), TENSION 2554 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 2924 (LBS)
 0972-053 - 0972-054, 345KV, CARDINAL ACSS, TW WIR, RULING SPAN 626 (FT), TENSION 5118 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED MAX OP TEMP (200 DEG C) MAX SAG 2688 (LBS)
 0972-054 - 0972-059, 0KV, 3-8-7 STRAND, EHS, STEEL WIR, RULING SPAN 897 (FT), TENSION 1734 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 1739 (LBS)
 0972-054 - 0972-059, 0KV, OPGW, DNO-8959 WIR, RULING SPAN 872 (FT), TENSION 2796 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED -20 DEG F MAX SAG 2730 (LBS)
 0972-054 - 0972-059, 345KV, CARDINAL ACSS, TW WIR, RULING SPAN 887 (FT), TENSION 5496 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED MAX OP TEMP (200 DEG C) MAX SAG 3364 (LBS)
 0972-054 - 0972-059, 345KV, CARDINAL ACSS, TW WIR, RULING SPAN 873 (FT), TENSION 5478 (LBS) AT 60 (DEG F) INITIAL, DISPLAYED MAX OP TEMP (200 DEG C) MAX SAG 3331 (LBS)

0972-049
 TS-DADC-345
 STA=44732.66
 HT=146.75 ELE=1866.30
 STRUCTURE HEIGHT: 145'
 0972-CA0954F04-01
 0972-SAO375F05-01
 0972-OPGW0635F03-01
 1.0' REVEAL

0972-050
 TS-DADC-345
 STA=45782.66
 HT=157.28 ELE=1851.11
 STRUCTURE HEIGHT: 155'
 0972-CA0954F04-01
 0972-SAO375F05-01
 0972-OPGW0635F03-01
 1.0' REVEAL
 AERIAL PATROL SIGNS

0972-051
 TS-DADC-345
 STA=46768.39
 HT=152.28 ELE=1854.26
 STRUCTURE HEIGHT: 150'
 0972-CA0954F04-01
 0972-SAO375F05-01
 0972-OPGW0635F03-01
 1.0' REVEAL

0972-052
 TS-DADC-345
 STA=47806.39
 HT=157.25 ELE=1850.72
 STRUCTURE HEIGHT: 155'
 0972-CA0954F04-01
 0972-SAO375F05-01
 0972-OPGW0635F03-01
 1.0' REVEAL
 AERIAL PATROL SIGNS

0972-053
 TS5HA-DADC-345
 STA=48921.44
 HT=141.50 ELE=1857.22
 STRUCTURE HEIGHT: 140'
 0972-DA0954SF06-01
 0972-SAO375F06-01
 0972-OPGW0635F06-01
 0972-TMJP-345-01
 1.0' REVEAL

0972-054
 TS5HA-DADC-345
 STA=49447.03
 HT=146.51 ELE=1853.86
 STRUCTURE HEIGHT: 145'
 0972-DA0954SF06-01
 0972-SAO375F06-01
 0972-OPGW0635F06-01
 0972-TMJP-345-01
 1.0' REVEAL



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

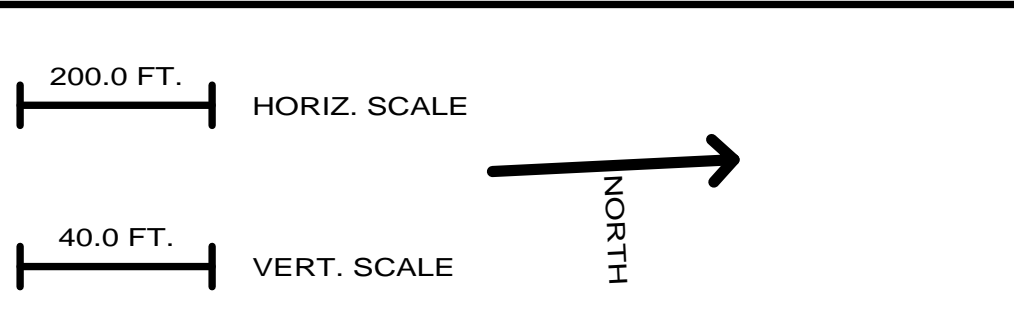
FILED UNDER: XXXX



REV	DESCRIPTION	DWN	DGN	CHK	DATE	APPROVALS	DATE	DESIGN DATA
12	AS-BUILT W.O. #0972	MWB	MWB	HWD	05/01/15			
11	REPLINE MARKUPS INCORPORATED	MWB	MWB	HWD	07/25/14			
10	SWAPPED STRUCTURE #001 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			
10	UPDATED STRUCTURE NOTES	MWB	MWB	HWD	12/13/13			
8	VARIOUS STAKING REVIEW MOVES. SEE 0972 BROOKINGS-LYON STRUCTURE MATRIX REV 8 FOR DETAILS.	MWB	MWB	HWD	05/01/15			
8	BROOKINGS-LYON STRUCTURE MATRIX REV 8 FOR DETAILS.	MWB	MWB	HWD	05/01/15			

GREAT RIVER ENERGY™

BROOKINGS - LYON COUNTY
 345 KV DOUBLE CIRCUIT TRANSMISSION LINE



DWG. NO.
 0972-91D
 REVISION: 12
 SHEET 10 OF 60