



REV	DESCRIPTION	DRWN	DSGN	APPD	DATE	REV	DESCRIPTION	DRWN	DSGN	APPD	DATE
1	ISSUE FOR BID	CDB	CDB	DAM	10/27/09						
2	ISSUED FOR CONSTRUCTION	CDB	CDB	DAM	02/03/10						
3	MODIFIED CROSSING TEXT AND MILE INFORMATION	CDB	CDB	DAM	03/11/10						
4	AS-BUILT	CDB	CDB	DAM	03/07/11						

STATE NAME	NORTH DAKOTA	NAD83	NDSPCS	INTL	FT	NORTH	ZONE
DESIGN BY:	DAM/CDB	10/12/09	FACILITY: TRANSMISSION SYSTEM MAINTENANCE				
DRAWN BY:	CDB	10/12/09	LOCATION UNIT: 296-230KV LINE-WILLISTON SUBSTATION TO TIOGA SUBSTATION				
DESIGN CHK:	MBN ENGRG.	01/08/10	WILLISTON TO TIOGA 230KV TRANSMISSION LINE				
DRAFT CHK:			SCALE: AS SHOWN				
APPROVED:	DAM	10/12/09	COUNTY NAME: WILLIAMS				
			BASIN ELECTRIC POWER COOPERATIVE				
			1717 EAST INTERSTATE AVENUE				
			BISMARCK, NORTH DAKOTA				
			PHONE 701-223-0441				
			SCALE: AS SHOWN				
			COUNTY NAME: WILLIAMS				
			BASIN DRAWING NO. REV.				
			296-090-T3-046 4				

CONDUCTOR	SIZE	STRINGING TENSION	NESC TENSION	DESIGN R.S.	ACTUAL R.S.
CONDUCTOR	1272 MCM 45/7 ACSR	6501	12617	900	932
OPGW	AC-71/571	2277	6131	900	932

PLAN AND PROFILE  
MILE 44 & 45