

ANALYSIS OF VALMONT INDUSTRIES LIGHTING STRUCTURE
IN ACCORDANCE WITH AASHTO-2009 RQMTS. (FINAL DEFLECTED POSITION)
BY BNS 5/12/2014 VERSION Fuse 1.10.0.540 32-bit

SUBJECT: VERMONT, 34' & 31' MAST ARMS W/12' LUM ARM

FOLDER: VTTRAF FILE: 3431L12

ARM DEFLECTIONS:

ARM TYPE	ARM NO.	GROUP LOAD NO.	LOAD CASE NAME	DEFLECTION (IN)
SIGN	1	4	NATURAL WIND GUST	4.985
SIGN	1	4	TRUCK-INDUCED GUST	1.924
SIGN	2	4	NATURAL WIND GUST	4.042
SIGN	2	4	TRUCK-INDUCED GUST	1.598