

NOTES

1. FOR CAMBER DIAGRAM AND GIRDER 9 DEFLECTION AND CAMBER TABLE, SEE SHEET 32/47.

GIRDER 1 DEFLECTION AND CAMBER TABLE

DESCRIPTION	C BRG. REAR ABUT.	SPAN NO. 1								C BRG. & PIER	SPAN NO. 2								C BRG. FWD. ABUT.
		1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	SPLICE NO. 1	5/8 POINT	3/4 POINT	7/8 POINT		1/8 POINT	1/4 POINT	3/8 POINT	SPLICE NO. 2	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/16"	3/8"	7/16"	3/8"	1/4"	1/4"	1/8"	0"	0"	1/16"	1/8"	1/4"	1/4"	3/8"	3/8"	5/16"	3/16"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	15/16"	1 1/2"	1 13/16"	1 3/4"	1 1/4"	1 1/4"	11/16"	3/16"	0"	1/8"	11/16"	1 1/4"	1 1/4"	1 5/8"	1 13/16"	1 9/16"	7/8"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	1 5/16"	2 11/16"	3 11/16"	4 1/8"	4"	4"	3 1/4"	1 15/16"	0"	2 1/16"	3 1/2"	4 3/8"	4 3/8"	4 11/16"	4 3/8"	3 1/2"	3 1/2"	0"
REQUIRED SHOP CAMBER	0"	2 7/16"	4 9/16"	5 15/16"	6 1/4"	5 1/2"	5 1/2"	4 1/16"	2 1/8"	0"	2 1/4"	4 5/16"	5 7/8"	5 7/8"	6 11/16"	6 9/16"	5 3/8"	4 9/16"	0"

GIRDER 2 DEFLECTION AND CAMBER TABLE

DESCRIPTION	C BRG. REAR ABUT.	SPAN NO. 1								C BRG. & PIER	SPAN NO. 2								C BRG. FWD. ABUT.
		1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	SPLICE NO. 1	5/8 POINT	3/4 POINT	7/8 POINT		1/8 POINT	1/4 POINT	3/8 POINT	SPLICE NO. 2	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/16"	3/8"	7/16"	3/8"	5/16"	5/16"	1/8"	1/16"	0"	1/16"	1/8"	1/4"	1/4"	3/8"	7/16"	3/8"	3/16"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	1"	1 11/16"	2"	1 13/16"	1 5/16"	1 5/16"	3/4"	3/16"	0"	1/8"	11/16"	1 5/16"	1 5/16"	1 13/16"	1 15/16"	1 5/8"	1"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	1 7/16"	2 7/8"	3 7/8"	4 5/16"	4 1/8"	4 1/8"	3 5/16"	1 15/16"	0"	2 1/16"	3 1/2"	4 3/8"	4 3/8"	4 11/16"	4 3/8"	3 1/2"	3 1/2"	0"
REQUIRED SHOP CAMBER	0"	2 5/8"	4 15/16"	6 5/16"	6 1/2"	5 3/4"	5 3/4"	4 3/16"	2 3/16"	0"	2 1/4"	4 5/16"	5 15/16"	5 15/16"	6 7/8"	6 3/4"	5 1/2"	4 11/16"	0"

GIRDER 3 DEFLECTION AND CAMBER TABLE

DESCRIPTION	C BRG. REAR ABUT.	SPAN NO. 1								C BRG. & PIER	SPAN NO. 2								C BRG. FWD. ABUT.
		1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	SPLICE NO. 1	5/8 POINT	3/4 POINT	7/8 POINT		1/8 POINT	1/4 POINT	3/8 POINT	SPLICE NO. 2	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/16"	3/8"	7/16"	3/8"	5/16"	5/16"	1/8"	1/16"	0"	1/16"	1/8"	1/4"	1/4"	3/8"	7/16"	3/8"	3/16"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	1"	1 11/16"	2"	1 7/8"	1 5/16"	1 5/16"	3/4"	3/16"	0"	1/8"	11/16"	1 5/16"	1 5/16"	1 13/16"	1 15/16"	1 5/8"	1"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	1 9/16"	3 1/16"	4"	4 3/8"	4 3/16"	4 3/16"	3 3/8"	2"	0"	2 1/16"	3 1/2"	4 3/8"	4 3/8"	4 11/16"	4 3/8"	3 1/2"	3 1/2"	0"
REQUIRED SHOP CAMBER	0"	2 3/4"	5 1/8"	6 7/16"	6 5/8"	5 13/16"	5 13/16"	4 1/4"	2 1/4"	0"	2 1/4"	4 5/16"	5 15/16"	5 15/16"	6 7/8"	6 3/4"	5 1/2"	4 11/16"	0"

GIRDER 4 DEFLECTION AND CAMBER TABLE

DESCRIPTION	C BRG. REAR ABUT.	SPAN NO. 1								C BRG. & PIER	SPAN NO. 2								C BRG. FWD. ABUT.
		1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	SPLICE NO. 1	5/8 POINT	3/4 POINT	7/8 POINT		1/8 POINT	1/4 POINT	3/8 POINT	SPLICE NO. 2	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/16"	3/8"	7/16"	3/8"	5/16"	5/16"	1/8"	1/16"	0"	1/16"	1/8"	1/4"	1/4"	3/8"	7/16"	3/8"	3/16"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	1"	1 5/8"	2"	1 7/8"	1 5/16"	1 5/16"	3/4"	3/16"	0"	1/8"	11/16"	1 5/16"	1 5/16"	1 13/16"	1 15/16"	1 5/8"	1"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	1 11/16"	3 1/4"	4 1/8"	4 1/2"	4 1/4"	4 1/4"	3 7/16"	2"	0"	2 1/16"	3 1/2"	4 3/8"	4 3/8"	4 11/16"	4 3/8"	3 1/2"	3 1/2"	0"
REQUIRED SHOP CAMBER	0"	2 7/8"	5 1/4"	6 9/16"	6 3/4"	5 7/8"	5 7/8"	4 5/16"	2 1/4"	0"	2 1/4"	4 5/16"	5 15/16"	5 15/16"	6 7/8"	6 3/4"	5 1/2"	4 11/16"	0"

GIRDER 5 DEFLECTION AND CAMBER TABLE

DESCRIPTION	C BRG. REAR ABUT.	SPAN NO. 1								C BRG. & PIER	SPAN NO. 2								C BRG. FWD. ABUT.
		1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	SPLICE NO. 1	5/8 POINT	3/4 POINT	7/8 POINT		1/8 POINT	1/4 POINT	3/8 POINT	SPLICE NO. 2	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/16"	3/8"	7/16"	3/8"	5/16"	5/16"	1/8"	1/16"	0"	1/16"	1/8"	1/4"	1/4"	3/8"	7/16"	3/8"	3/16"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	1"	1 5/8"	1 15/16"	1 7/8"	1 5/16"	1 5/16"	11/16"	1/8"	0"	1/8"	11/16"	1 5/16"	1 5/16"	1 3/4"	1 7/8"	1 9/16"	15/16"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	1 13/16"	3 5/16"	4 1/4"	4 9/16"	4 5/16"	4 5/16"	3 1/2"	2 1/16"	0"	2 1/16"	3 1/2"	4 3/8"	4 3/8"	4 11/16"	4 3/8"	3 1/2"	3 1/2"	0"
REQUIRED SHOP CAMBER	0"	3"	5 5/16"	6 5/8"	6 13/16"	5 15/16"	5 15/16"	4 5/16"	2 1/4"	0"	2 1/4"	4 5/16"	5 15/16"	5 15/16"	6 13/16"	6 11/16"	5 7/16"	4 5/8"	0"

GIRDER 6 DEFLECTION AND CAMBER TABLE

DESCRIPTION	C BRG. REAR ABUT.	SPAN NO. 1								C BRG. & PIER	SPAN NO. 2								C BRG. FWD. ABUT.
		1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	SPLICE NO. 1	5/8 POINT	3/4 POINT	7/8 POINT		1/8 POINT	1/4 POINT	3/8 POINT	SPLICE NO. 2	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/16"	3/8"	7/16"	3/8"	5/16"	5/16"	1/8"	1/16"	0"	1/16"	1/8"	1/4"	1/4"	3/8"	7/16"	3/8"	3/16"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	15/16"	1 5/8"	1 15/16"	1 7/8"	1 5/16"	1 5/16"	3/4"	3/16"	0"	1/8"	11/16"	1 5/16"	1 5/16"	1 3/4"	1 7/8"	1 9/16"	15/16"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	1 15/16"	3 7/16"	4 5/16"	4 5/8"	4 3/8"	4 3/8"	3 1/2"	2 1/16"	0"	2 1/16"	3 1/2"	4 3/8"	4 3/8"	4 11/16"	4 3/8"	3 1/2"	3 1/2"	0"
REQUIRED SHOP CAMBER	0"	3 1/16"	5 7/16"	6 11/16"	6 7/8"	6"	6"	4 3/8"	2 5/16"	0"	2 1/4"	4 5/16"	5 15/16"	5 15/16"	6 13/16"	6 11/16"	5 7/16"	4 5/8"	0"

GIRDER 7 DEFLECTION AND CAMBER TABLE

DESCRIPTION	C BRG. REAR ABUT.	SPAN NO. 1								C BRG. & PIER	SPAN NO. 2								C BRG. FWD. ABUT.
		1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	SPLICE NO. 1	5/8 POINT	3/4 POINT	7/8 POINT		1/8 POINT	1/4 POINT	3/8 POINT	SPLICE NO. 2	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/16"	3/8"	7/16"	3/8"	5/16"	5/16"	1/8"	1/16"	0"	1/16"	1/8"	1/4"	1/4"	3/8"	7/16"	3/8"	3/16"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	1"	1 5/8"	1 15/16"	1 13/16"	1 5/16"	1 5/16"	3/4"	3/16"	0"	1/8"	11/16"	1 5/16"	1 5/16"	1 3/4"	1 7/8"	1 9/16"	15/16"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	2"	3 1/2"	4 3/8"	4 11/16"	4 3/8"	4 3/8"	3 1/2"	2 1/16"	0"	2 1/16"	3 1/2"	4 3/8"	4 3/8"	4 11/16"	4 3/8"	3 1/2"	3 1/2"	0"
REQUIRED SHOP CAMBER	0"	3 3/16"	5 1/2"	6 3/4"	6 7/8"	6"	6"	4 3/8"	2 5/16"	0"	2 1/4"	4 5/16"	5 15/16"	5 15/16"	6 13/16"	6 11/16"	5 7/16"	4 5/8"	0"

GIRDER 8 DEFLECTION AND CAMBER TABLE

DESCRIPTION	C BRG. REAR ABUT.	SPAN NO. 1								C BRG. & PIER	SPAN NO. 2								C BRG. FWD. ABUT.
		1/8 POINT	1/4 POINT	3/8 POINT	1/2 POINT	SPLICE NO. 1	5/8 POINT	3/4 POINT	7/8 POINT		1/8 POINT	1/4 POINT	3/8 POINT	SPLICE NO. 2	1/2 POINT	5/8 POINT	3/4 POINT	7/8 POINT	
DEFLECTION DUE TO WEIGHT OF STEEL	0"	3/16"	3/8"	7/16"	3/8"	5/16"	5/16"	1/8"	1/16"	0"	1/16"	1/8"	1/4"	1/4"	3/8"	7/16"	3/8"	3/16"	0"
DEFLECTION DUE TO REMAINING DEAD LOAD	0"	15/16"	1 11/16"	1 15/16"	1 7/8"	1 5/16"	1 5/16"	11/16"	3/16"	0"	1/8"	11/16"	1 5/16"	1 5/16"	1 3/4"	1 7/8"	1 9/16"	15/16"	0"
ADJUSTMENT REQUIRED FOR VERTICAL CURVE	0"	2 1/16"	3 1/2"	4 7/16"	4 11/16"	4 7/16"	4 7/16"	3 9/16"	2 1/16"	0"	2 1/16"	3 1/2"	4 3/8"	4 3/8"	4 11/16"	4 3/8"	3 1/2"	3 1/2"	0"
REQUIRED SHOP CAMBER	0"	3 3/16"	5 9/16"	6 13/16"	6 15/16"	6 1/16"	6 1/16"	4 3/8"	2 5/16"	0"	2 1/4"	4 5/16"	5 15/16"	5 15/16"	6 13/16"	6 11/16"	5 7/16"	4 5/8"	0"

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 DATE: 6/06
 REVIEWED: F JG
 STRUCTURE FILE NUMBER: 4500823
 DRAWN: MPB
 REVISION: CWD
 DESIGNED: RBG
 CHECKED: CWD
CAMBER DIAGRAM TABLES
 BRIDGE NO.: LAK-2-0542
 LOST NATION ROAD OVER STATE ROUTE 2
LAK-2-3.32
PID 13486
 31/47
 1577
 1679