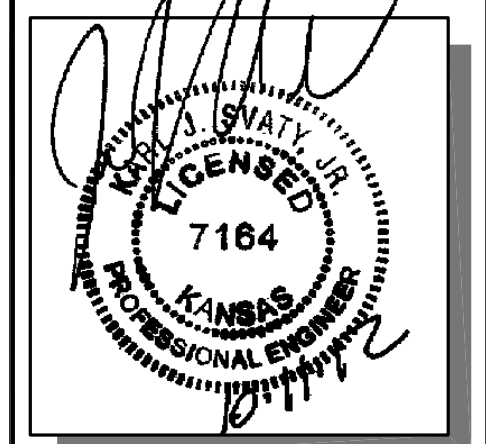
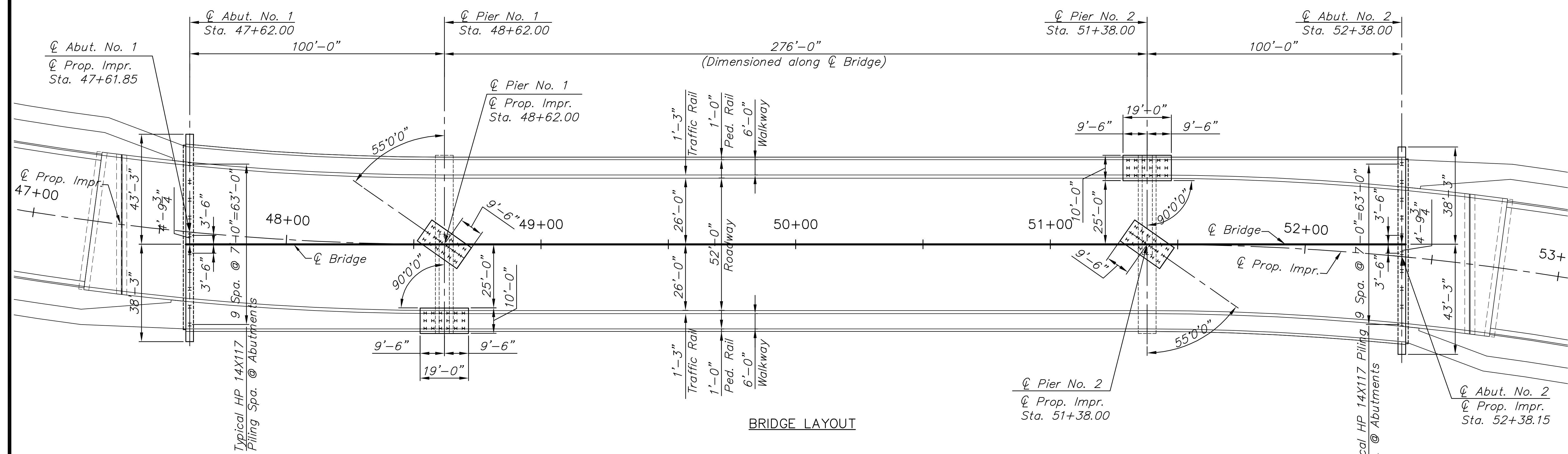
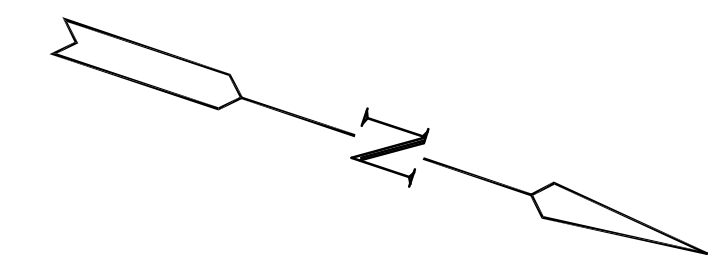


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0519-01	2012	76	212

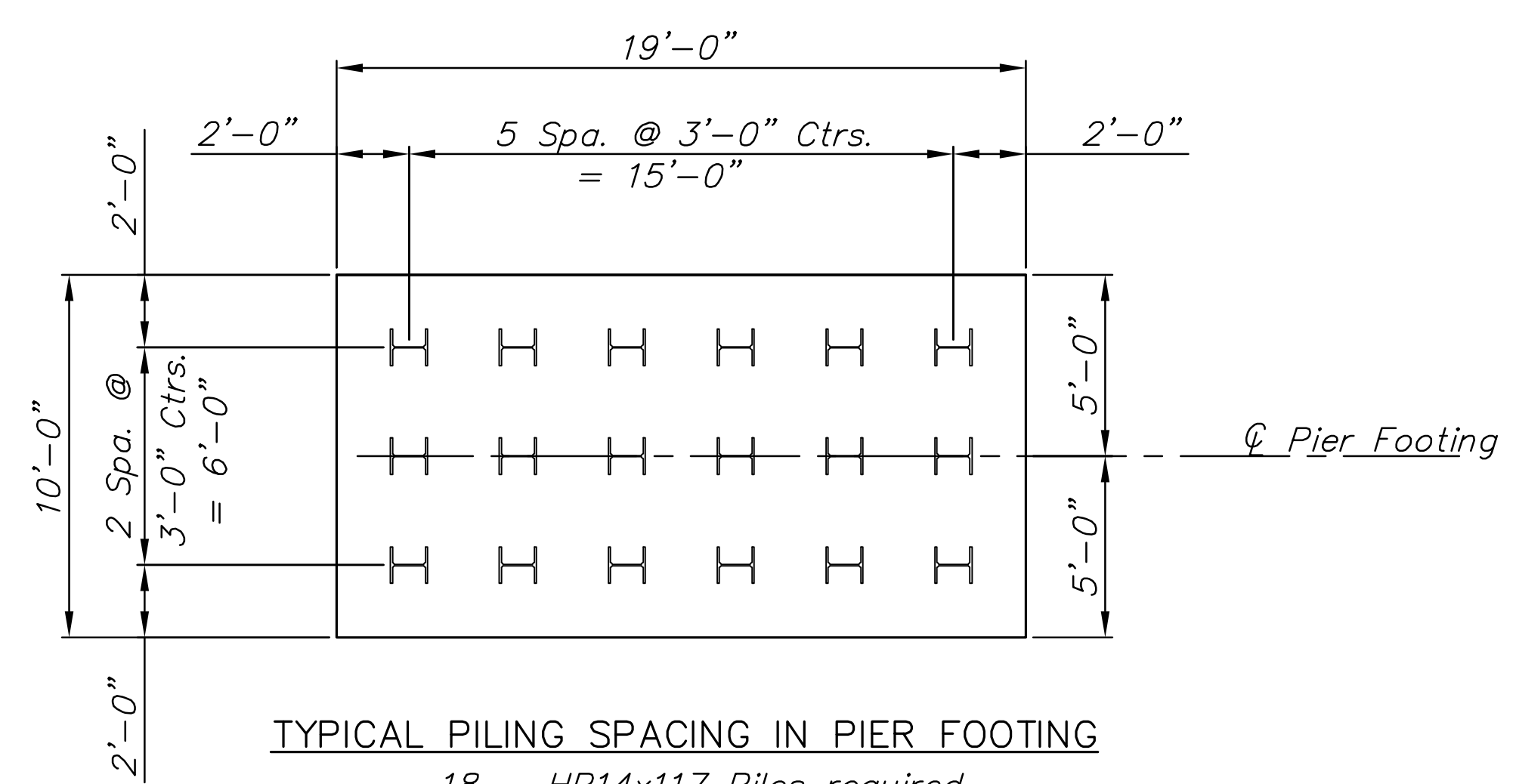
MKEC
ENGINEERING
CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, K.S. 67206
316-684-9600



☉ PROPOSED IMPROVEMENT
CURVE DATA
Curve #2
P.I. Sta. 44+85.40 (Bk.)=
P.I. Sta. 44+44.40 (Ahd.)
 $\Delta=43'45''16''$ Lt.
 $T = 417.60'$
 $R = 1,040.00'$
 $L = 794.20'$
 $E = 80.71'$
Normal Crown



BRIDGE LAYOUT



TYPICAL PILING SPACING IN PIER FOOTING
18 - HP14x117 Piles required
in each pier footing

☉ PROPOSED IMPROVEMENT
CURVE DATA
Curve #3
P.I. Sta. 55+04.03 (Bk.)=
P.I. Sta. 54+75.87 (Ahd.)
 $\Delta=38'46''47''$ Rt.
 $T = 366.03'$
 $R = 1,040.00'$
 $L = 703.90'$
 $E = 62.53'$
Normal Crown

GEOMETRIC LAYOUT
SHEET TITLE
472-84830
PROJECT NUMBER

DESIGN BY: KJS
DRAWN BY: DPG
CHECKED BY: JAG

ISSUED: October 9, 2012
REVISED:

SHEET NO.
76 of 212

PLOTTED: Thursday, October 11, 2012 @ 10:46AM

J:\Civil\09081.dwg\BRIDGE\09081 GEO