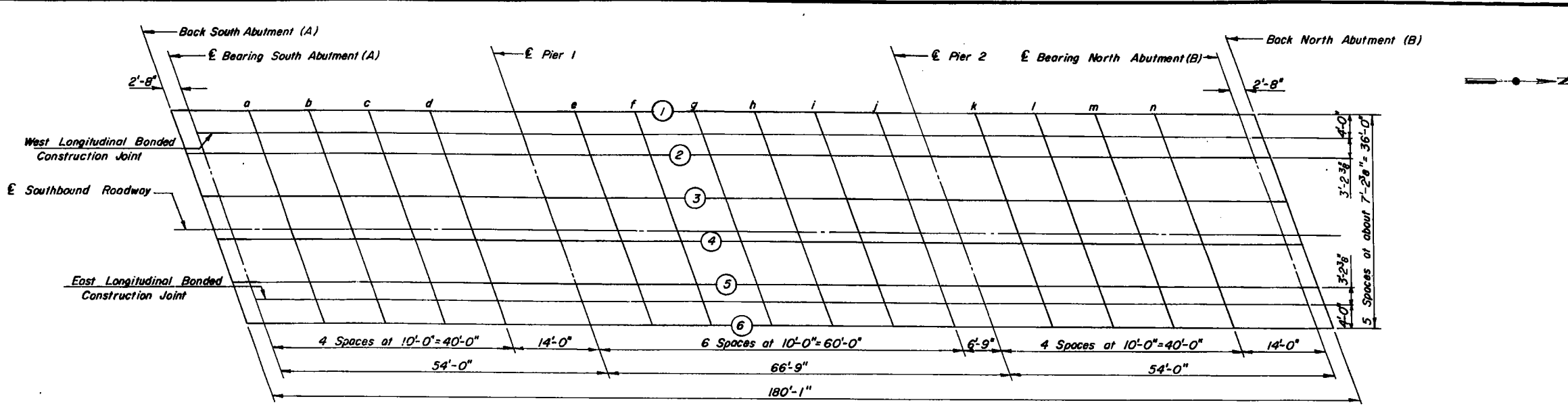


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
FA. 412	103-2B	LEE	203	44	of 17 SHEETS
STA.	TO STA.				
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT			



PLAN

GIRDER 1

Location	STATION	OFFSET FT.	*** ELEVATION *** THEORETICAL ADJUSTED	DEFLECTION INCHES
Back South Abutment(A)	1165+62.30	-20.000	845.223	0.0
E Bearing South Abutment(A)	1165+85.27	-20.000	845.276	0.0
a	1165+95.27	-20.000	845.474	0.223
b	1166+05.27	-20.000	845.674	0.335
c	1166+15.27	-20.000	845.874	0.298
d	1166+25.27	-20.000	846.074	0.155
E Pier 1	1166+39.27	-20.000	846.354	0.0
e	1166+49.27	-20.000	846.554	0.074
f	1166+59.27	-20.000	846.754	0.218
g	1166+69.27	-20.000	846.954	0.313
h	1166+79.27	-20.000	847.154	0.293
i	1166+89.27	-20.000	847.352	0.171
j	1166+99.27	-20.000	847.547	0.036
E Pier 2	1167+05.42	-20.000	847.678	0.0
k	1167+15.42	-20.000	847.869	0.093
l	1167+25.42	-20.000	848.058	0.248
m	1167+35.42	-20.000	848.245	0.338
n	1167+45.42	-20.000	848.434	0.286
E Bearing North Abutment(B)	1167+60.42	-20.000	848.684	0.0
Back North Abutment(B)	1167+62.69	-20.000	848.732	0.0

WEST LONGITUDINAL BONDED CONSTR. JOINT

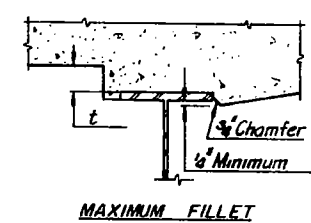
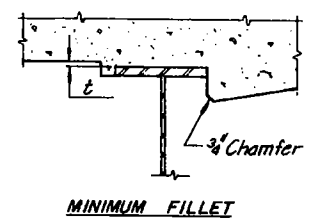
STATION	OFFSET FT.	*** ELEVATION *** THEORETICAL ADJUSTED	DEFLECTION INCHES
1165+85.27	-15.000	845.391	0.0
1165+95.27	-15.000	845.590	0.223
1166+05.27	-15.000	845.790	0.335
1166+15.27	-15.000	845.990	0.298
1166+25.27	-15.000	846.190	0.155
1166+39.27	-15.000	846.470	0.0
1166+49.27	-15.000	846.670	0.074
1166+59.27	-15.000	846.870	0.218
1166+69.27	-15.000	847.070	0.313
1166+79.27	-15.000	847.269	0.293
1166+89.27	-15.000	847.457	0.171
1166+99.27	-15.000	847.662	0.036
1167+07.54	-15.000	847.792	0.0
1167+17.54	-15.000	847.963	0.093
1167+27.54	-15.000	848.172	0.248
1167+37.54	-15.000	848.358	0.338
1167+47.54	-15.000	848.542	0.286
1167+61.54	-15.000	848.796	0.0

GIRDER 2

STATION	OFFSET FT.	*** ELEVATION *** THEORETICAL ADJUSTED	DEFLECTION INCHES
1165+85.51	-12.000	845.431	0.0
1165+88.18	-12.000	845.483	0.0
1165+98.18	-12.000	845.682	0.223
1166+08.18	-12.000	845.882	0.335
1166+18.18	-12.000	846.082	0.298
1166+23.18	-12.000	846.282	0.155
1166+42.18	-12.000	846.562	0.0
1166+52.18	-12.000	846.762	0.074
1166+62.18	-12.000	846.962	0.218
1166+72.18	-12.000	847.162	0.313
1166+82.18	-12.000	847.361	0.293
1166+92.18	-12.000	847.558	0.171
1167+02.18	-12.000	847.753	0.036
1167+08.93	-12.000	847.883	0.0
1167+18.93	-12.000	848.074	0.093
1167+28.93	-12.000	848.263	0.248
1167+38.93	-12.000	848.449	0.338
1167+48.93	-12.000	848.633	0.286
1167+62.93	-12.000	848.886	0.0
1167+65.66	-12.000	848.934	0.0

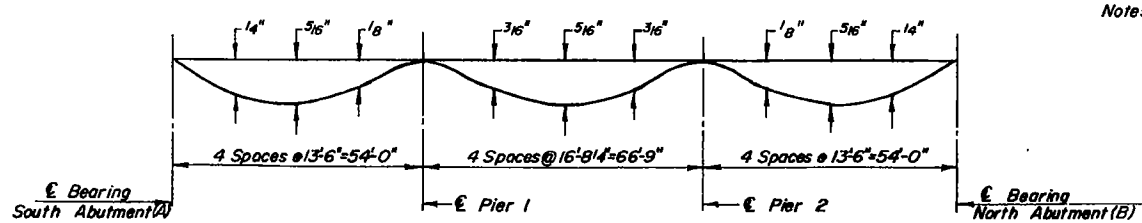
GIRDER 3

STATION	OFFSET FT.	*** ELEVATION *** THEORETICAL ADJUSTED	DEFLECTION INCHES	Location	
1165+86.42	-5.600	845.604	845.604	0.0	Back South Abutment(A)
1165+91.09	-5.600	845.657	845.657	0.0	E Bearing South Abutment(A)
1166+01.09	-5.600	845.857	845.875	0.223	a
1166+11.09	-5.600	846.057	846.055	0.335	b
1166+21.09	-5.600	846.257	846.281	0.298	c
1166+31.09	-5.600	846.457	846.470	0.155	d
1166+45.49	-5.600	846.737	846.737	0.0	E Pier 1
1166+55.49	-5.600	846.937	846.943	0.074	e
1166+65.49	-5.600	847.137	847.155	0.218	f
1166+75.49	-5.600	847.337	847.363	0.313	g
1166+85.49	-5.600	847.535	847.560	0.293	h
1166+95.49	-5.600	847.732	847.746	0.171	i
1167+05.49	-5.600	847.926	847.929	0.036	j
1167+11.84	-5.600	848.056	848.056	0.0	E Pier 2
1167+21.84	-5.600	848.246	848.254	0.093	k
1167+31.84	-5.600	848.434	848.454	0.248	l
1167+41.84	-5.600	848.619	848.647	0.338	m
1167+51.84	-5.600	848.802	848.826	0.286	n
1167+65.84	-5.600	849.055	849.055	0.0	E Bearing North Abutment(B)
1167+68.51	-5.600	849.102	849.102	0.0	Back North Abutment(B)



To determine *t*: elevations of the top flanges of girders shall be taken at the locations shown. These elevations subtracted from the "Adjusted Elevations" shown in the tables minus slab thickness, equals the fillet height *t* above top flanges of girders.

FILLET HEIGHTS



(Includes weight of concrete only.)
Note: The above deflections are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflections as shown above.

Notes:
"Theoretical Elevations" are at top of concrete slab.
○ denotes girder number.

Note: All theoretical and adjusted elevations in the top of slab elevation tables must be increased by .125 ft.

FOR INFORMATION ONLY

TOP OF SLAB ELEVATIONS
SOUTHBOUND BRIDGE
FA. 412 OVER RICKELSON CREEK
LEE COUNTY
STATION 1167+00.00
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION