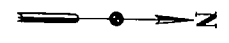
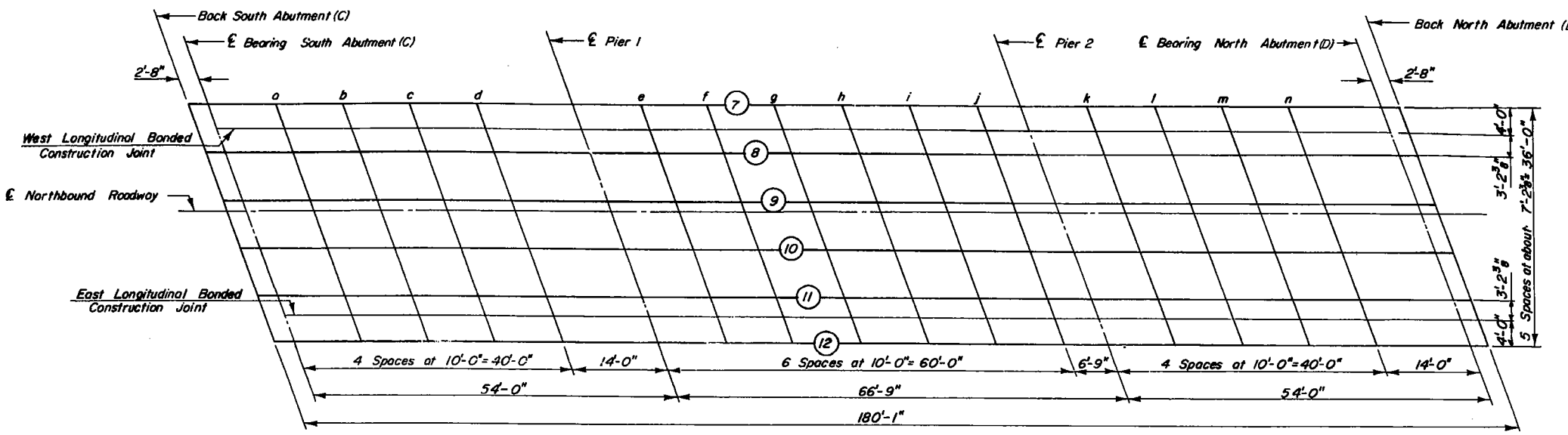


ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 4
F.A. 412	103-2B	LEE	203	46	of 17 SHEETS
STA.	TO STA.				
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT			



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

PLAN

GIRDER 7

Location	STATION	OFFSET FT.	*** ELEVATION THEORETICAL ***	*** ELEVATION ADJUSTED ***	DEFLECTION INCHES
Back South Abutment(C)	1166+29.48	-16.000	846.241	846.241	0.0
E Bearing South Abutment(C)	1166+32.15	-16.000	846.275	846.275	0.0
a	1166+42.15	-16.000	846.495	846.513	0.223
b	1166+52.15	-16.000	846.695	846.723	0.335
c	1166+62.15	-16.000	846.895	846.920	0.295
d	1166+72.15	-16.000	847.095	847.138	0.155
E Pier 1	1166+86.15	-16.000	847.373	847.373	0.0
e	1166+96.15	-16.000	847.569	847.576	0.074
f	1167+06.15	-16.000	847.753	847.781	0.218
g	1167+16.15	-16.000	847.951	847.981	0.313
h	1167+26.15	-16.000	848.144	848.168	0.293
i	1167+35.15	-16.000	848.331	848.345	0.171
j	1167+46.15	-16.000	848.515	848.516	0.036
E Pier 2	1167+52.90	-16.000	848.638	848.638	0.0
k	1167+62.90	-16.000	848.819	848.827	0.093
l	1167+72.90	-16.000	848.997	849.018	0.248
m	1167+82.90	-16.000	849.173	849.201	0.338
n	1167+92.90	-16.000	849.340	849.370	0.286
E Bearing North Abutment(D)	1168+06.90	-16.000	849.585	849.585	0.0
Back North Abutment(D)	1168+09.57	-16.000	849.630	849.630	0.0

WEST LONGITUDINAL BONDED CONSTR. JOINT

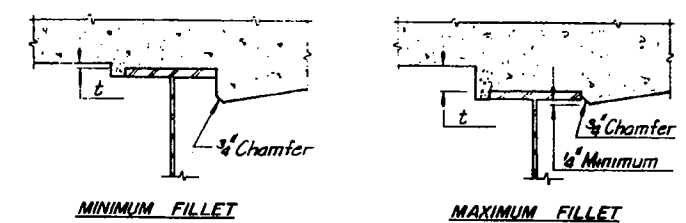
STATION	OFFSET FT.	*** ELEVATION THEORETICAL ***	*** ELEVATION ADJUSTED ***	DEFLECTION INCHES
1166+33.76	-12.000	846.410	846.410	0.0
1166+43.76	-12.000	846.610	846.629	0.223
1166+53.76	-12.000	846.810	846.835	0.335
1166+63.76	-12.000	847.010	847.035	0.295
1166+73.76	-12.000	847.210	847.223	0.155
1166+87.76	-12.000	847.488	847.488	0.0
1166+97.76	-12.000	847.684	847.690	0.274
1167+07.76	-12.000	847.878	847.896	0.218
1167+17.76	-12.000	848.069	848.095	0.313
1167+27.76	-12.000	848.257	848.282	0.293
1167+37.76	-12.000	848.444	848.458	0.171
1167+47.76	-12.000	848.628	848.631	0.036
1167+54.51	-12.000	848.751	848.751	0.0
1167+64.51	-12.000	848.931	848.939	0.093
1167+74.51	-12.000	849.110	849.129	0.248
1167+84.51	-12.000	849.284	849.312	0.338
1167+94.51	-12.000	849.457	849.481	0.286
1168+08.51	-12.000	849.630	849.630	0.0

GIRDER 8

STATION	OFFSET FT.	*** ELEVATION THEORETICAL ***	*** ELEVATION ADJUSTED ***	DEFLECTION INCHES
1166+32.38	-8.000	846.433	846.433	0.0
1166+35.05	-8.000	846.480	846.480	0.0
1166+45.05	-8.000	846.680	846.705	0.223
1166+55.05	-8.000	846.880	846.914	0.335
1166+65.05	-8.000	847.080	847.111	0.295
1166+75.05	-8.000	847.280	847.299	0.155
1166+89.05	-8.000	847.564	847.564	0.0
1166+99.05	-8.000	847.759	847.765	0.074
1167+09.05	-8.000	847.952	847.971	0.218
1167+19.05	-8.000	848.143	848.169	0.313
1167+29.05	-8.000	848.332	848.356	0.293
1167+39.05	-8.000	848.518	848.532	0.171
1167+49.05	-8.000	848.702	848.705	0.036
1167+55.80	-8.000	848.824	848.824	0.0
1167+65.80	-8.000	849.024	849.012	0.093
1167+75.80	-8.000	849.181	849.202	0.248
1167+85.80	-8.000	849.357	849.385	0.338
1167+95.80	-8.000	849.529	849.553	0.286
1168+09.80	-8.000	849.767	849.767	0.0
1168+12.47	-8.000	849.812	849.812	0.0

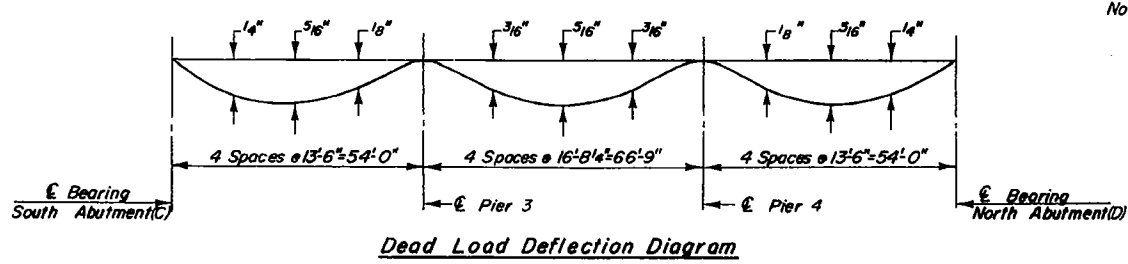
GIRDER 9

STATION	OFFSET FT.	*** ELEVATION THEORETICAL ***	*** ELEVATION ADJUSTED ***	DEFLECTION INCHES	Location
1166+35.29	-1.000	846.623	846.623	0.0	Back South Abutment(C)
1166+37.96	-1.000	846.657	846.657	0.0	E Bearing South Abutment(C)
1166+47.96	-1.000	846.657	846.675	0.223	a
1166+57.96	-1.000	847.057	847.054	0.335	b
1166+67.96	-1.000	847.457	847.461	0.295	c
1166+77.96	-1.000	847.856	847.869	0.155	d
1166+91.96	-1.000	847.733	847.733	0.0	E Pier 1
1167+01.96	-1.000	847.928	847.934	0.074	e
1167+11.96	-1.000	848.120	848.139	0.218	f
1167+21.96	-1.000	848.311	848.337	0.313	g
1167+31.96	-1.000	848.498	848.523	0.293	h
1167+41.96	-1.000	848.684	848.698	0.171	i
1167+51.96	-1.000	848.857	848.870	0.036	j
1167+58.71	-1.000	848.989	848.989	0.0	E Pier 2
1167+68.71	-1.000	849.168	849.175	0.093	k
1167+78.71	-1.000	849.345	849.356	0.248	l
1167+88.71	-1.000	849.519	849.548	0.338	m
1167+98.71	-1.000	849.691	849.715	0.286	n
1168+12.71	-1.000	849.928	849.925	0.0	E Bearing North Abutment(D)
1168+15.38	-1.000	849.973	849.973	0.0	Back North Abutment(D)



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



Dead Load Deflection Diagram

(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.
O denotes girder number.

FOR INFORMATION ONLY

TOP OF SLAB ELEVATIONS
NORTHBOUND BRIDGE
F.A. 412 SECTION 103-2B
F.A. 412 OVER RICKELSON CREEK
LEE COUNTY
STATION 1167+00.00
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION