

ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	26
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

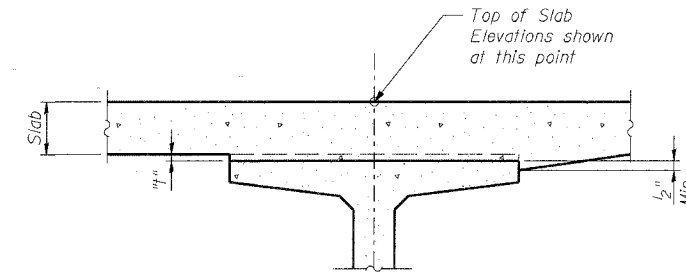
BRIDGE SHEET S10 OF S114 CONTRACT 94450

GIRDER 1, UNIT 1

Location	Station	Offset	Theoretical Grade Elevation	Elevation Adjusted For Dead Load Deflection
⊕ Brg. ⊕ West Abut. (Span 1)	1022+11.25	-21.458	418.766	418.766
1A	1022+21.25	-21.458	418.886	418.916
1B	1022+31.25	-21.458	419.006	419.066
1C	1022+41.25	-21.458	419.126	419.212
1D	1022+51.25	-21.458	419.246	419.351
1E	1022+61.25	-21.458	419.366	419.482
1F	1022+71.25	-21.458	419.486	419.606
1G	1022+81.25	-21.458	419.606	419.720
1H	1022+91.25	-21.458	419.726	419.826
1J	1023+01.25	-21.458	419.846	419.924
1K	1023+11.25	-21.458	419.966	420.017
1L	1023+21.25	-21.458	420.086	420.108
⊕ Brg. ⊕ Pier 1 (Span 1)	1023+28.75	-21.458	420.176	420.176
⊕ Brg. ⊕ Pier 1 (Span 2)	1023+31.25	-21.458	420.206	420.206
2A	1023+41.25	-21.458	420.326	420.355
2B	1023+51.25	-21.458	420.446	420.504
2C	1023+61.25	-21.458	420.566	420.648
2D	1023+71.25	-21.458	420.686	420.787
2E	1023+81.25	-21.458	420.806	420.919
2F	1023+91.25	-21.458	420.926	421.043
2G	1024+01.25	-21.458	421.046	421.158
2H	1024+11.25	-21.458	421.165	421.264
2J	1024+21.25	-21.458	421.283	421.362
2K	1024+31.25	-21.458	421.399	421.452
2L	1024+41.25	-21.458	421.513	421.537
⊕ Brg. ⊕ Pier 2 (Span 2)	1024+49.25	-21.458	421.603	421.603
⊕ Brg. ⊕ Pier 2 (Span 3)	1024+50.75	-21.458	421.620	421.620
3A	1024+60.75	-21.458	421.730	421.760
3B	1024+70.75	-21.458	421.839	421.897
3C	1024+80.75	-21.458	421.946	422.029
3D	1024+90.75	-21.458	422.050	422.152
3E	1025+00.75	-21.458	422.153	422.267
3F	1025+10.75	-21.458	422.254	422.372
3G	1025+20.75	-21.458	422.353	422.466
3H	1025+30.75	-21.458	422.451	422.549
3J	1025+40.75	-21.458	422.546	422.624
3K	1025+50.75	-21.458	422.639	422.691
3L	1025+60.75	-21.458	422.731	422.754
⊕ Brg. ⊕ Pier 3 (Span 3)	1025+68.75	-21.458	422.803	422.803
⊕ Brg. ⊕ Pier 3 (Span 4)	1025+71.25	-21.458	422.825	422.825
4A	1025+81.25	-21.458	422.912	422.942
4B	1025+91.25	-21.458	422.998	423.057
4C	1026+01.25	-21.458	423.082	423.166
4D	1026+11.25	-21.458	423.164	423.268
4E	1026+21.25	-21.458	423.244	423.360
4F	1026+31.25	-21.458	423.322	423.442
4G	1026+41.25	-21.458	423.399	423.514
4H	1026+51.25	-21.458	423.473	423.574
4J	1026+61.25	-21.458	423.546	423.625
4K	1026+71.25	-21.458	423.616	423.668
4L	1026+81.25	-21.458	423.685	423.707
⊕ Brg. ⊕ Pier 4 (Span 4)	1026+88.33	-21.458	423.733	423.733

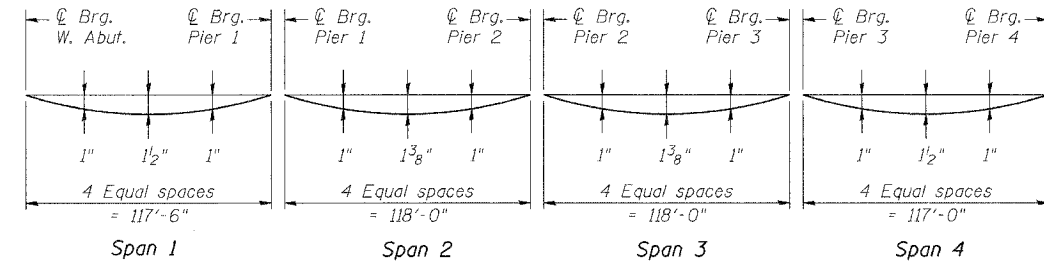
GIRDER 2, UNIT 1

Location	Station	Offset	Theoretical Grade Elevation	Elevation Adjusted For Dead Load Deflection
⊕ Brg. ⊕ West Abut. (Span 1)	1022+11.25	-12.875	418.938	418.938
1A	1022+21.25	-12.875	419.058	419.088
1B	1022+31.25	-12.875	419.178	419.238
1C	1022+41.25	-12.875	419.298	419.383
1D	1022+51.25	-12.875	419.418	419.522
1E	1022+61.25	-12.875	419.538	419.654
1F	1022+71.25	-12.875	419.658	419.777
1G	1022+81.25	-12.875	419.778	419.892
1H	1022+91.25	-12.875	419.898	419.997
1J	1023+01.25	-12.875	420.018	420.096
1K	1023+11.25	-12.875	420.138	420.189
1L	1023+21.25	-12.875	420.258	420.280
⊕ Brg. ⊕ Pier 1 (Span 1)	1023+28.75	-12.875	420.348	420.348
⊕ Brg. ⊕ Pier 1 (Span 2)	1023+31.25	-12.875	420.378	420.378
2A	1023+41.25	-12.875	420.498	420.527
2B	1023+51.25	-12.875	420.618	420.675
2C	1023+61.25	-12.875	420.738	420.820
2D	1023+71.25	-12.875	420.858	420.959
2E	1023+81.25	-12.875	420.978	421.091
2F	1023+91.25	-12.875	421.098	421.215
2G	1024+01.25	-12.875	421.218	421.330
2H	1024+11.25	-12.875	421.337	421.436
2J	1024+21.25	-12.875	421.455	421.534
2K	1024+31.25	-12.875	421.571	421.624
2L	1024+41.25	-12.875	421.685	421.709
⊕ Brg. ⊕ Pier 2 (Span 2)	1024+49.25	-12.875	421.775	421.775
⊕ Brg. ⊕ Pier 2 (Span 3)	1024+50.75	-12.875	421.792	421.792
3A	1024+60.75	-12.875	421.902	421.932
3B	1024+70.75	-12.875	422.011	422.069
3C	1024+80.75	-12.875	422.117	422.200
3D	1024+90.75	-12.875	422.222	422.324
3E	1025+00.75	-12.875	422.325	422.438
3F	1025+10.75	-12.875	422.426	422.543
3G	1025+20.75	-12.875	422.525	422.637
3H	1025+30.75	-12.875	422.622	422.721
3J	1025+40.75	-12.875	422.717	422.795
3K	1025+50.75	-12.875	422.811	422.863
3L	1025+60.75	-12.875	422.902	422.926
⊕ Brg. ⊕ Pier 3 (Span 3)	1025+68.75	-12.875	422.974	422.974
⊕ Brg. ⊕ Pier 3 (Span 4)	1025+71.25	-12.875	422.996	422.996
4A	1025+81.25	-12.875	423.084	423.114
4B	1025+91.25	-12.875	423.170	423.229
4C	1026+01.25	-12.875	423.254	423.338
4D	1026+11.25	-12.875	423.336	423.440
4E	1026+21.25	-12.875	423.416	423.532
4F	1026+31.25	-12.875	423.494	423.614
4G	1026+41.25	-12.875	423.570	423.686
4H	1026+51.25	-12.875	423.645	423.746
4J	1026+61.25	-12.875	423.717	423.797
4K	1026+71.25	-12.875	423.788	423.840
4L	1026+81.25	-12.875	423.857	423.879
⊕ Brg. ⊕ Pier 4 (Span 4)	1026+88.33	-12.875	423.904	423.904



To determine "f": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown in the tables. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" minus slab thickness, equals the fillet heights "f" above top flanges of beams.

FILLET HEIGHTS - 72" BULB-T GIRDER
(Fascia Girder Shown)



DEAD LOAD DEFLECTION DIAGRAM - UNIT 1
(Includes weight of concrete, excluding beams).

Note:
The above deflections are not for use in the field if the Engineer is working from the Theoretical Grade Elevations Adjusted for Dead Load Deflection.

DESIGNED	ADD
CHECKED	KWS
DRAWN	VH
CHECKED	ADD

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ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 15/IN ROUTE 64
OVER WABASH RIVER PUBLIC WATERS
FAP 827 SECT 12Z-3, 12BR

**DECK ELEVATIONS
UNIT 1**
SN: 093-0021 (IL)/9502700 (IN) STA. 1036+27
WABASH CO., IL. DATE: JUNE 15, 2007

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