

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAS RTE 1588	*	ADAMS	38	10
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT	
Location #1 Structure No. 001-3027				
* 05-00189-00-BR				
SHEET NO. 2 OF 12				

BEAM 1

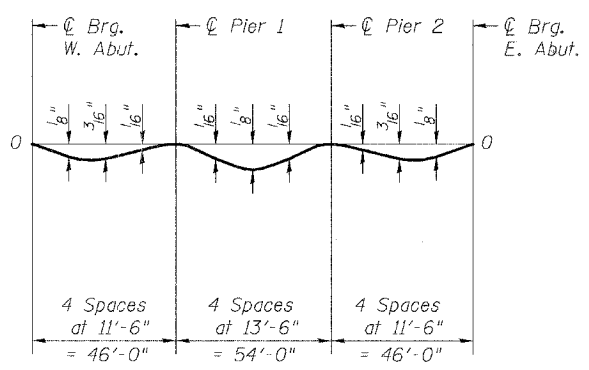
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	335+81.25	13.958' Lt.	613.500	613.500
⊕ Brg. W. Abut.	335+83.00	13.958' Lt.	613.440	613.440
A	335+93.00	13.958' Lt.	613.103	613.114
B	336+03.00	13.958' Lt.	612.775	612.791
C	336+13.00	13.958' Lt.	612.455	612.466
D	336+23.00	13.958' Lt.	612.144	612.147
⊕ Pier 1	336+29.00	13.958' Lt.	611.962	611.962
E	336+39.00	13.958' Lt.	611.664	611.668
F	336+49.00	13.958' Lt.	611.376	611.386
G	336+59.00	13.958' Lt.	611.096	611.107
H	336+69.00	13.958' Lt.	610.825	610.831
⊕ Pier 2	336+83.00	13.958' Lt.	610.460	610.460
I	336+93.00	13.958' Lt.	610.209	610.215
J	337+03.00	13.958' Lt.	609.968	609.982
K	337+13.00	13.958' Lt.	609.735	609.750
L	337+23.00	13.958' Lt.	609.510	609.517
⊕ Brg. E. Abut.	337+29.00	13.958' Lt.	609.380	609.380
Bk. E. Abut.	337+30.75	13.958' Lt.	609.342	609.342

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	335+81.25	8.375' Lt.	613.617	613.617
⊕ Brg. W. Abut.	335+83.00	8.375' Lt.	613.557	613.557
A	335+93.00	8.375' Lt.	613.220	613.231
B	336+03.00	8.375' Lt.	612.891	612.907
C	336+13.00	8.375' Lt.	612.572	612.583
D	336+23.00	8.375' Lt.	612.260	612.263
⊕ Pier 1	336+29.00	8.375' Lt.	612.078	612.078
E	336+39.00	8.375' Lt.	611.781	611.785
F	336+49.00	8.375' Lt.	611.492	611.502
G	336+59.00	8.375' Lt.	611.212	611.223
H	336+69.00	8.375' Lt.	610.941	610.947
⊕ Pier 2	336+83.00	8.375' Lt.	610.576	610.576
I	336+93.00	8.375' Lt.	610.326	610.332
J	337+03.00	8.375' Lt.	610.084	610.098
K	337+13.00	8.375' Lt.	609.851	609.866
L	337+23.00	8.375' Lt.	609.626	609.633
⊕ Brg. E. Abut.	337+29.00	8.375' Lt.	609.496	609.496
Bk. E. Abut.	337+30.75	8.375' Lt.	609.458	609.458

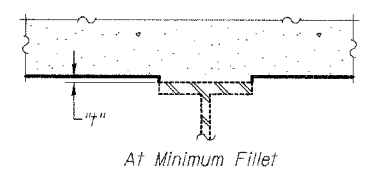
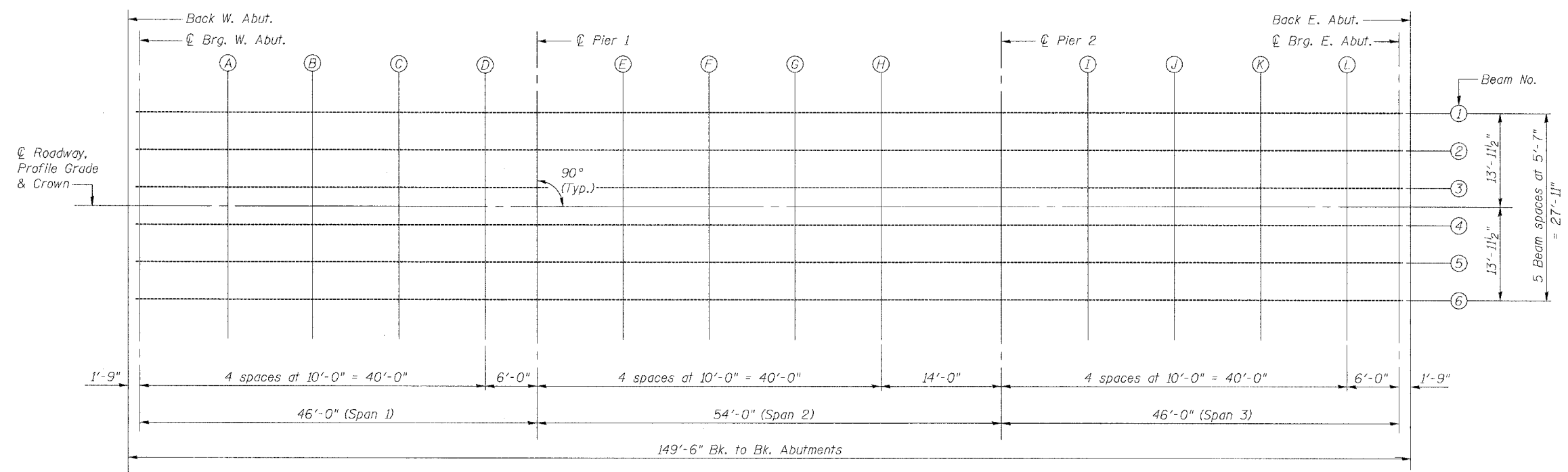
BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	335+81.25	2.792' Lt.	613.733	613.733
⊕ Brg. W. Abut.	335+83.00	2.792' Lt.	613.673	613.673
A	335+93.00	2.792' Lt.	613.336	613.347
B	336+03.00	2.792' Lt.	613.008	613.024
C	336+13.00	2.792' Lt.	612.688	612.699
D	336+23.00	2.792' Lt.	612.377	612.380
⊕ Pier 1	336+29.00	2.792' Lt.	612.194	612.194
E	336+39.00	2.792' Lt.	611.897	611.901
F	336+49.00	2.792' Lt.	611.609	611.619
G	336+59.00	2.792' Lt.	611.329	611.340
H	336+69.00	2.792' Lt.	611.057	611.063
⊕ Pier 2	336+83.00	2.792' Lt.	610.692	610.692
I	336+93.00	2.792' Lt.	610.442	610.448
J	337+03.00	2.792' Lt.	610.200	610.214
K	337+13.00	2.792' Lt.	609.967	609.982
L	337+23.00	2.792' Lt.	609.743	609.750
⊕ Brg. E. Abut.	337+29.00	2.792' Lt.	609.612	609.612
Bk. E. Abut.	337+30.75	2.792' Lt.	609.575	609.575



DEAD LOAD DEFLECTION DIAGRAM
 (Includes weight of concrete slab)

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 and on Sheet #3 of 12.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at the stations shown on this sheet and on sheet #3 of 12. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown above and on Sheet #3 of 12, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

PLAN

Note: All dimensions in the plan are measured horizontally

Notes:
 All elevations are at top of concrete.

REV. NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
	EAW				12/05
F.A.S. RTE. 1588 OVER CURL CREEK SECTION 05-00189-00-BR Project RS-1588 (106) ADAMS COUNTY					
TOP OF SLAB ELEVATIONS STRUCTURE NUMBER 001-3027 STATION 336+56					

9/4/13:32 AM
 1/25/2006
 p:\0511\as\050013\Final BrIDGE Plans\001-3027-Br-ldg.dgn