

## DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete anty) lible: The above deflections are not to be used in the hold if the originalit is working from the grade elevations

adjusted for dead load deflections as shown below

To determine "1": After all process prestrassed beams have been precised, elevations of the top Ranges of the beams shall be taken at intervate shawn below. These elevations of submacted algobraically from the "Theoretical Grade Dimathma Aglanter for Doort Load Deflections shown below, mitual stab thickness, equals the fifter Angelos '7'. A possible value of '7' grade the filter height above the fact of the beam. A negative value of '7', not be anceed 5, equals the embedment of the beam above the Mearshird better of stab alevation.

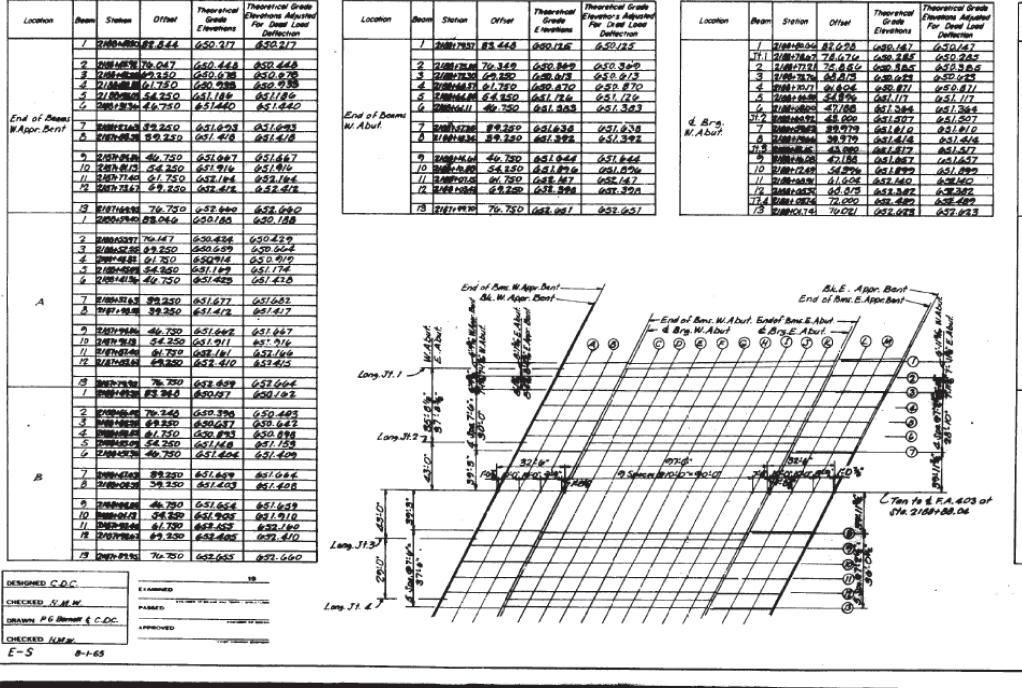
## FILLET HEIGHTS





To determine "I<sup>4</sup>". After all structural steel has been arsched, elevations of the top Ranges of the beams shaft be taken at intervals shown below. These elevations submactal from the "Theoretical Brade Elevations Adjusted for Deed Load Deflection" shown below, minus shab thistoness, equals the Mile heights "I" above top flange of FILLET HEIGHTS

Note. Offsets are measured from tangent to £ FA403 of Sto. 2/88+88.04 Elevations are to two of commente deck.



E-S

 $\mathcal{A}$ 

B

	DESIGNED - DRAWN - CHECKED -	REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING Bridge Plans		
	DATE -	REVISED -				

	1		1
		÷	1
			1
Z	4	÷	4

-	-		-475	120°	SHEAT HO.S		
403 HB-3		WHITESIDE	486	184	2/ Shalta		
		10.000 100.000					

At Maximum Filial

			1		
Location	Beam	Station	Ottaat	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Deed Load Deflection
	4	2/10/02/76	82.900	650.045	650.108
		2400-268.77	78.886	650.249	650.312
	2	21.244 41.27	75.854	650.354	630.417
	3	2/01+053	68.8/3	650.596	650.459
	4	2/00+04/7	61.604	650.844	630.907
	5	2/20+74.5	54.8%	451.092	451.155
	6	210 27 103	47.180	451.309	451.402
С	11.2	244-7.2.72	43.000	651.463	451.544
	17	2.00.00	39.772	631.566	6.51.649
	8	4.1	39.979	651401	451.444
	7.3		43,000	631304	031.567
	2	11 12 14	47.188	681.644	451.707
	10	$u \sim u \sim v$	54.394	451.867	451.950
		://#+#9/	61.604	952.115	452./78
	12	2/4 H - C	68.8/5	651.371	452.434
	<u>R4</u>	VALUE:	72.000	452.479	452.542
	13	<u> </u>	76021	052.6/3	452.676
	1.1		64./02	650.072	050.188
	2	7.10	79.005	650.211	660.327
	3	7	74.954	050.540	650.635
	ă l	71 4 77	01.004	450.015	690.981
	3	4.55	34.3%	451.064	451.180
	Č.		47.188	451.3/2	461.428
	72	and the	43.000	651.456	661.572
	7	1. <u>1. 1. 1</u> .	39.979	651.540	451.676
D	0		52.979	431.304	651.500
D	$\pi$		43.000	661.600	451.604
	2	nin e discogni	A7.186	451620	451.744
	10		54.394	451.872	451.988
	11	The state of the	61.000	642.115	(452.23/
	12		48.813	651.358	452.474
	723	- a	72.000	61.47	452.585
	1-1-1	uka antonikesi (	74.021	662.601	052.717
	1	n har i taga ng tuli. Ing ang ang ang	1.204	050.051	650.187
	541	4 1 1 1	79.801	650.171	650.327
	2		76.007	650.265	650.439
	3	Sec. 2 4	A. 013	650.534	650.690
	4	24	61.004	600.706	630.940
	5	27 2	56.590	651.038	651.109
	6	4 D N.	12.165	651.268	651.438
	71.2	2012	43.000	631.627	451.583
E	7		.39.979	651.591	651.687
-		1. J. M. M	32.979	631.365	651.521
	$T_{L,T}$		43.000	651.470	651.626
	_	2.2	67.100	451.610	651.766
	10	6 2 2	54.5%	651.055	652.0II
	11		61.604	662.099	682.255
	12.1		16013	611.141	462.499
	14	Z 2010	72.000	631.453	652.609
	15	2.11	74.021	652-587	652.743

ELEVATIONS

FA. RTE. 408-SEC. 195-2HB-3 INHITESIDE COUNTY STATION 2188+88.04

G		F.A.I RTE.	SECT	FION		COUNTY	TOTAL SHEETS	SHEET NO.
ANS		88	D2 BRIDGE PA	INTING	2014-5	WHITESIDE	12	8
						CONTRAC	T NO. 6	54K12