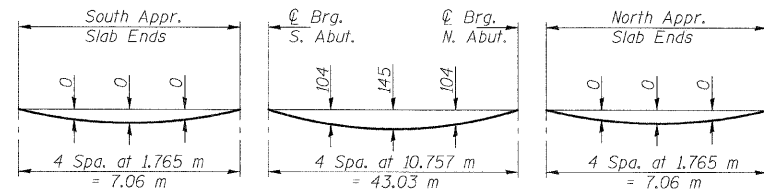


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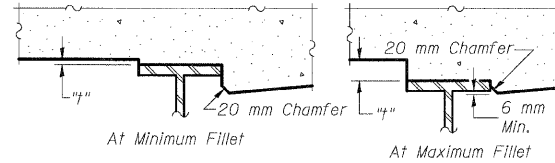


**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete slab and parapet only)

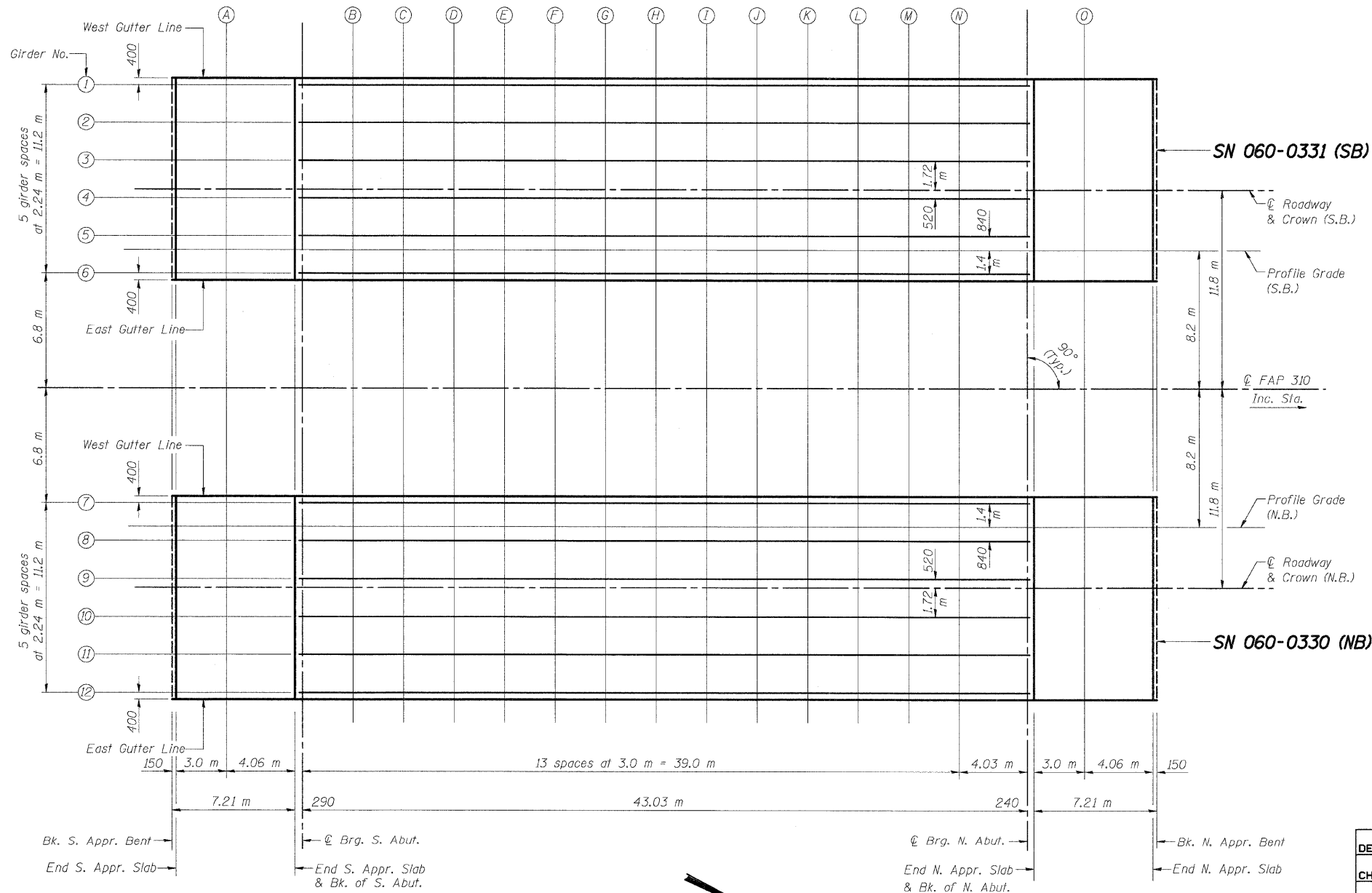
Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below and on sheet 4 of 24.

All offsets are in meters.  
Offsets are measured from @ FAP 310  
All Offsets are positive.

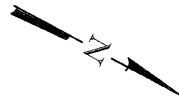


**FILLET HEIGHTS**

To determine "h": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on sheet 4 of 24, minus slab thickness, equals the fillet heights "h" above top flange of beams.



**PLAN**



ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO.
310	*	MADISON	272	104	3
FED. ROAD DIST. NO. 7 ILL. INDIAN. FED. AID PROJECT					
* 60-15HB-2 CONTRACT NO. 76624					

**@ ROADWAY & CROWN - SN 060-0330 (NB) & @ ROADWAY & CROWN - SN 060-0331 (SB)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Appr. Bent	39+885.620	11.800	194.659	194.659
End S. Appr. Slab	39+885.770	11.800	194.659	194.659
A	39+888.770	11.800	194.666	194.666
End S. Appr. Slab	39+892.830	11.800	194.674	194.674
End N. Appr. Slab	39+936.390	11.800	194.651	194.651
O	39+939.390	11.800	194.642	194.642
End N. Appr. Slab	39+943.450	11.800	194.629	194.629
Bk. N. Appr. Bent	39+943.600	11.800	194.628	194.628

**WEST GUTTER LINE - SN 060-0330 (NB) & EAST GUTTER LINE - SN 060-0331 (SB)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Appr. Bent	39+885.620	6.400	194.569	194.569
End S. Appr. Slab	39+885.770	6.400	194.569	194.569
A	39+888.770	6.400	194.576	194.576
End S. Appr. Slab	39+892.830	6.400	194.584	194.584
End N. Appr. Slab	39+936.390	6.400	194.561	194.561
O	39+939.390	6.400	194.552	194.552
End N. Appr. Slab	39+943.450	6.400	194.539	194.539
Bk. N. Appr. Bent	39+943.600	6.400	194.538	194.538

**EAST GUTTER LINE - SN 060-0330 (NB) & WEST GUTTER LINE - SN 060-0331 (SB)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Appr. Bent	39+885.620	18.400	194.545	194.545
End S. Appr. Slab	39+885.770	18.400	194.545	194.545
A	39+888.770	18.400	194.552	194.552
End S. Appr. Slab	39+892.830	18.400	194.560	194.560
End N. Appr. Slab	39+936.390	18.400	194.537	194.537
O	39+939.390	18.400	194.528	194.528
End N. Appr. Slab	39+943.450	18.400	194.515	194.515
Bk. N. Appr. Bent	39+943.600	18.400	194.514	194.514

**PROFILE GRADE LINE - SN 060-0330 (NB) & PROFILE GRADE LINE - SN 060-0331 (SB)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Appr. Bent	39+885.620	8.200	194.605	194.605
End S. Appr. Slab	39+885.770	8.200	194.605	194.605
A	39+888.770	8.200	194.612	194.612
End S. Appr. Slab	39+892.830	8.200	194.620	194.620
End N. Appr. Slab	39+936.390	8.200	194.597	194.597
O	39+939.390	8.200	194.588	194.588
End N. Appr. Slab	39+943.450	8.200	194.575	194.575
Bk. N. Appr. Bent	39+943.600	8.200	194.574	194.574

DESIGNED	ADL
CHECKED	WLW
DRAWN	ADL/DGM
CHECKED	WLW

**TOP OF SLAB ELEVATIONS  
FAP RTE. 310 (IL RTE. 255) OVER  
IL RTE 111  
SECTION 60-15HB-2  
MADISON COUNTY  
STATION 39+914.647  
SN 060-0330 (NB) & 060-0331 (SB)**