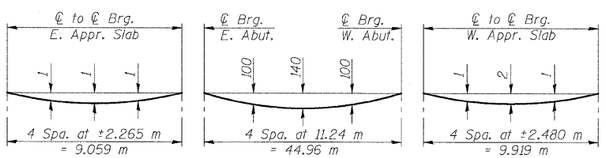
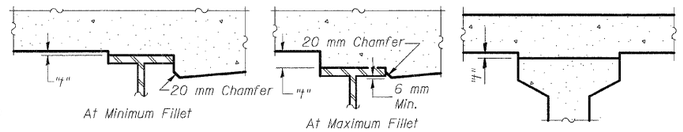
12/10/2007 11:58:56 AM




## DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete slab and parapet btw'n ℄ Brg. E. Abut and ℄ Brg. W. Abut.)
(Includes weight of concrete slab for E. and W. Appr. Slabs.)

Notes: The dead load deflections diagram is 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 in tables on sheets 5 thru 10 of 48.
All offsets are in meters.
Offsets are measured perpendicular from ℄ FAP 310.
Offsets to the left are negative. Offsets to the right are positive.

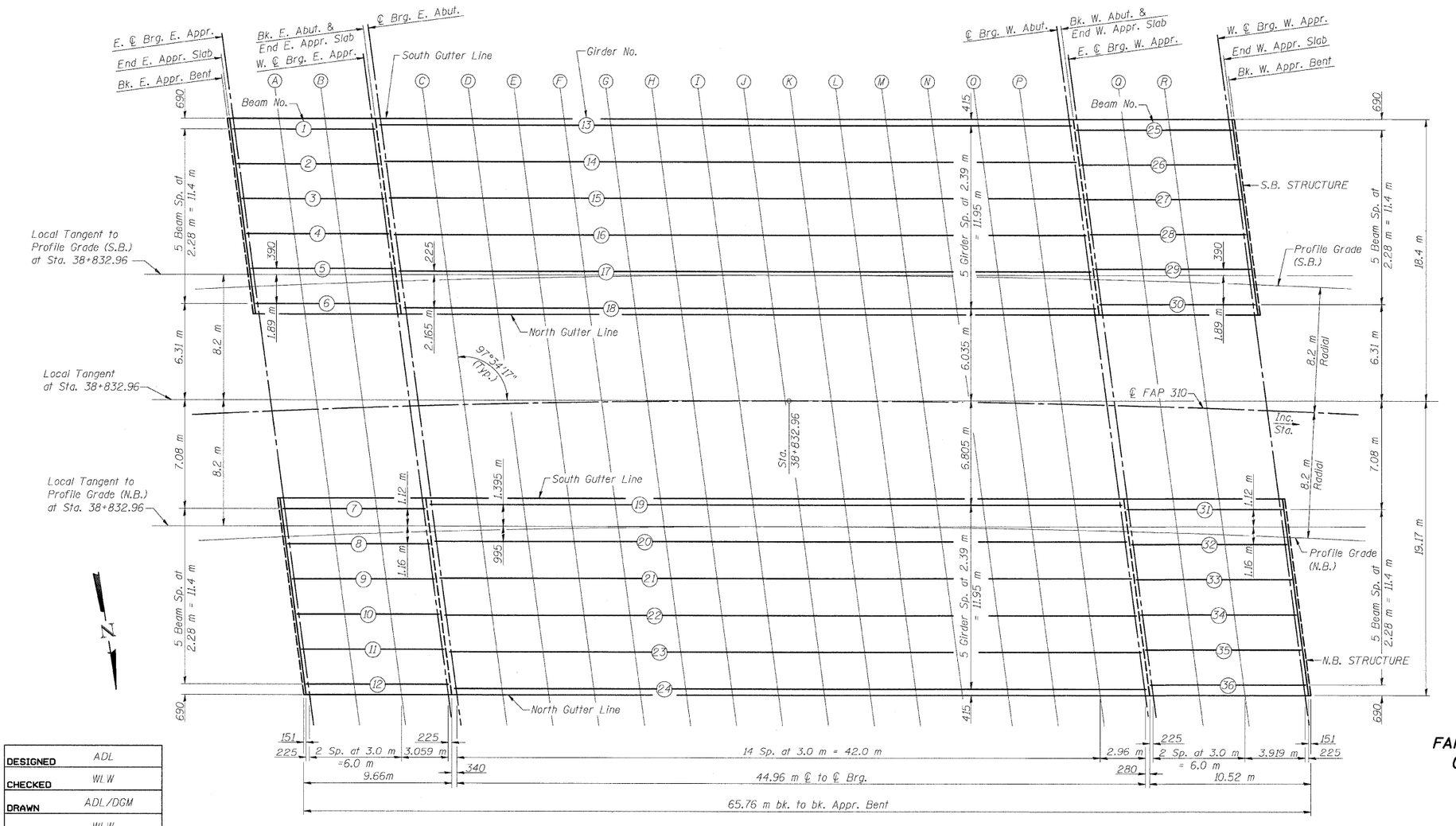



To determine "t": After all structural steel and precast beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and Sheets 5 thru 10 of 48, minus slab thickness, equals the fillet height "t" above the top flange of beams or girders.

## FILLET HEIGHTS

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| S. B. I. F. A. P. 310 | * | MADISON | 239 | 126 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT- | |

SHEET NO. 4
48 SHEETS
* 60-15HB-1 CONTRACT NO. 76635




PLAN

| | |
|---|---|
| DESIGNED | ADL |
| CHECKED | WLW |
| DRAWN | ADL/DGM |
| CHECKED | WLW |

TOP OF SLAB ELEVATIONS
FAP RTE. 310 (IL RTE. 255) OVER
CH ROUTE 4 (HUMBERT ROAD)
SECTION 60-15HB-1
MADISON COUNTY
STATION 38+829.909
SN 060-0308 (NB) & 060-0309 (SB)

Klingner & Assoc., P.C.

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