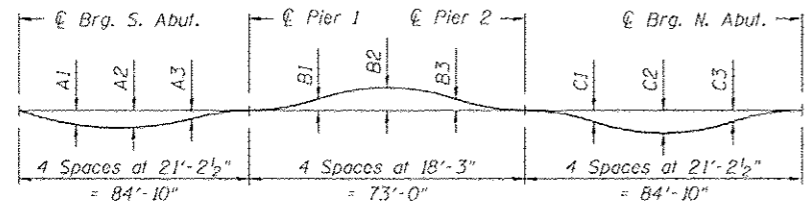
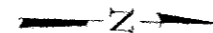


PLAN



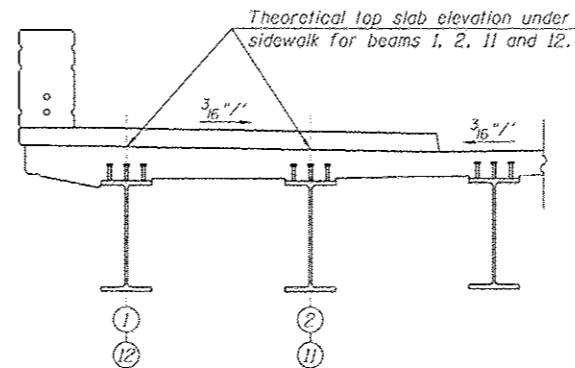
DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

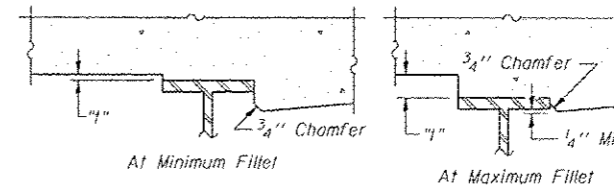
Note:

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."

| Beam Number | DEAD LOAD DEFLECTIONS | | | | | | | | |
|-------------|-----------------------|--------|------|--------|-------|-------|--------|--------|--------|
| | Span 1 | | | Span 2 | | | Span 3 | | |
| | A1 | A2 | A3 | B1 | B2 | B3 | C1 | C2 | C3 |
| 1 & 12 | 1 1/8" | 1 3/8" | 7/8" | -1/4" | -1/4" | -1/4" | 7/8" | 1 3/8" | 1 1/8" |
| 2 & 11 | 1" | 1 1/4" | 3/4" | -1/4" | -1/4" | -1/4" | 3/4" | 1 1/4" | 1" |
| 3 & 10 | 7/8" | 1 1/8" | 3/4" | -1/8" | -1/8" | -1/8" | 3/4" | 1 1/8" | 7/8" |
| 4 Thru 9 | 7/8" | 1 1/8" | 5/8" | -1/8" | -1/8" | -1/8" | 5/8" | 1 1/8" | 7/8" |



THEORETICAL TOP OF SLAB ELEVATION FOR BEAMS UNDER SIDEWALK



To determine "f": 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, minus slab thickness, equals the fillet heights "f" above top flange of beams.

FILLET HEIGHTS

Entire sheet revised

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R161789-60W25-S18-Screen.dgn
DESIGNED - M.L. LAB
DRAWN - LAB
CHECKED - MAI, M. JJS
DATE - 6/17/2013
REVISIONS:
07/19/2013 M.L. LAB

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATION LOCATIONS
STRUCTURE NO. 016-1709

SCALE: SHEET 51-10 OF 51 SHEETS STA. TO STA.

| P.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 90/94/290 | 2013-007R | COOK | 317 | 151 |
| CONTRACT NO. 60W25 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE PATH: C:\Users\N111\OneDrive\Desktop\Prints For The Day\161789-60W25-S18-Screen.dgn