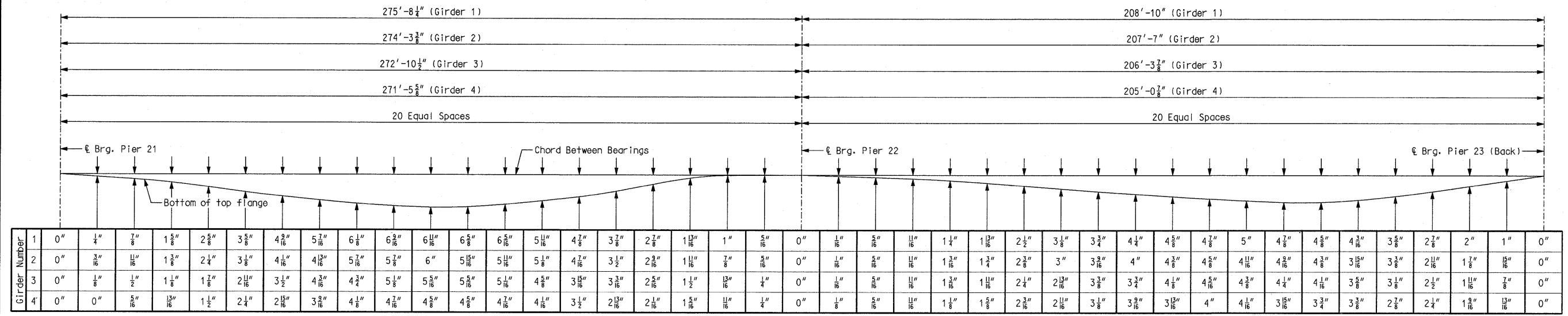
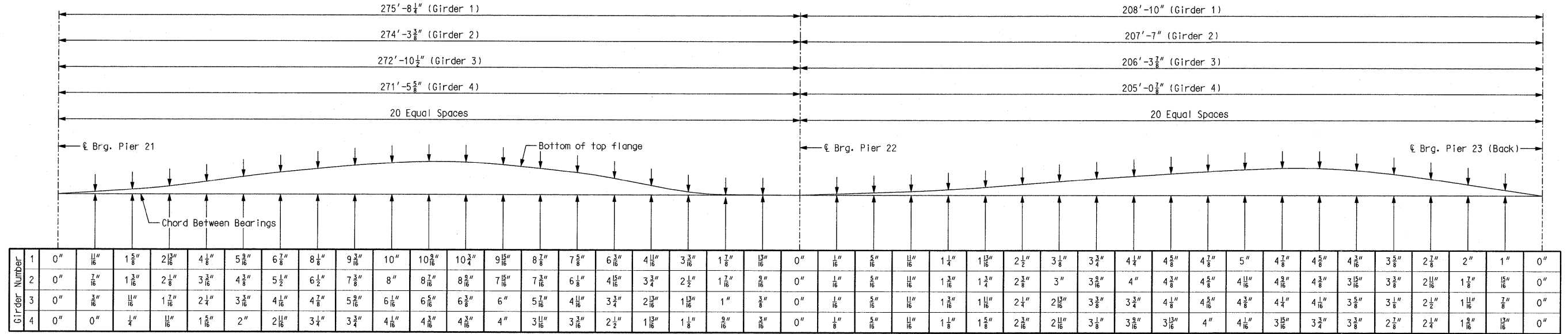


CONTRACT NO. 76D61
 F.A. ROUTE 999 SECTION 82-1B-2
 FED. AID PROJECT ILLINOIS
 COUNTY ST. CLAIR
 USER NAME = jjelliff
 PLOT SCALE = #SCALE#
 PLOT DATE = 4/14/2010
 DESIGNED - HNTB
 CHECKED - CMT
 DRAWN - CMT / HNTB
 REVISED -
 REVISED -
 REVISED -



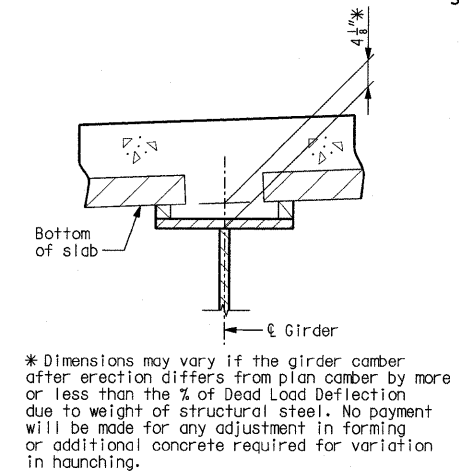
SPAN (21-22) DEAD LOAD DEFLECTIONS SPAN (22-23)

Notes:
 34% of dead load deflection in span (21-22) and 27% of dead load deflection in span (22-23) is due to the weight of structural steel.
 Dead load deflection includes weight of structural steel, concrete slab, and barrier curbs.
 Negative values indicate upward deflection.



SPAN (21-22) CAMBER DIAGRAM SPAN (22-23)

Notes:
 Camber includes allowance for dead load deflection due to concrete slab, curbs, and structural steel.
 Positive values are above the chord between bents and negative values are below the chord between bents.



THEORETICAL SLAB HAUNCH

* Dimensions may vary if the girder camber after erection differs from plan camber by more or less than the 1/4 of Dead Load Deflection due to weight of structural steel. No payment will be made for any adjustment in forming or additional concrete required for variation in haunching.

DEAD LOAD DEFLECTIONS AND CAMBER DIAGRAM WB - UNIT 2 (3 OF 3)

Detailed JUL 2009
 Checked JUL 2009

Note: This drawing is not to scale. Follow dimensions. Sheet No. 72 of 152

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 MISSOURI HIGHWAYS
 AND TRANSPORTATION COMMISSION
 ILLINOIS APPROACH STRUCTURE
 FOR NEW I-70 MISSISSIPPI RIVER BRIDGE

HNTB
 715 KIRK DRIVE
 KANSAS CITY, MO 64105
 TELEPHONE (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 2750 WEST WASHINGTON STREET
 SPRINGFIELD, IL 62702
 TELEPHONE (217) 787-8050
 ENGINEERING CORPORATION - 000631