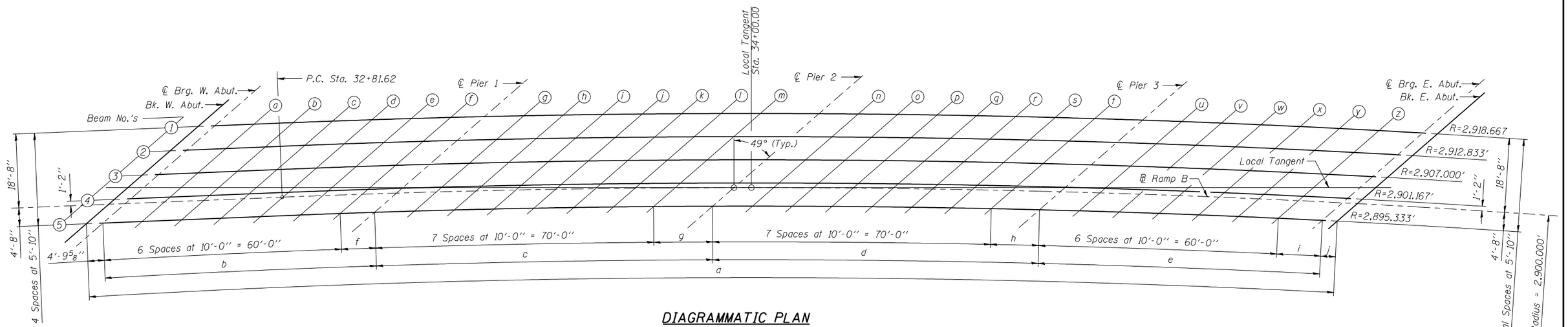
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 72 FAU 8021	*	SANGAMON	559	301
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 04
22 SHEETS

*(84-9-4)A,HBK,BY,BY-1 Contract No. 72541

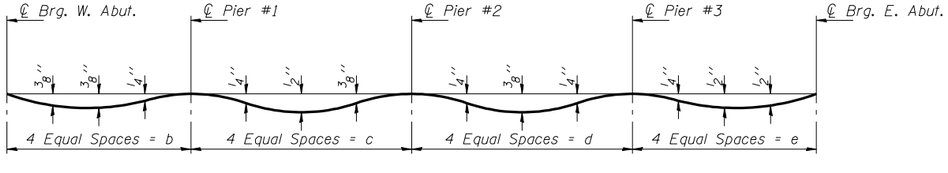


DIAGRAMMATIC PLAN

DIAGRAMMATIC PLAN - LAYOUT DIMENSIONS

(Measured Along Centerline of Beam)

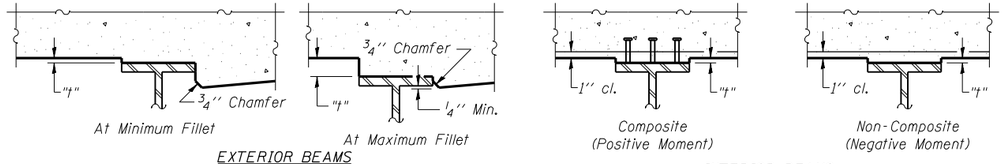
Line No.	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5
a	313'-11 15/16"	314'-8 13/16"	315'-5 5/8"	316'-2 5/16"	316'-10 13/16"
b	68'-1 5/8"	68'-3 3/8"	68'-4 7/8"	68'-6 1/8"	68'-7 1/8"
c	84'-4 1/8"	84'-6 7/8"	84'-9 3/4"	85'-0 5/8"	85'-3 1/2"
d	81'-7 7/8"	81'-10 5/16"	82'-0 3/4"	82'-3 3/16"	82'-5 3/4"
e	70'-9 3/16"	70'-11 1/16"	71'-0 15/16"	71'-2 15/16"	71'-4 7/8"
f	8'-1 5/8"	8'-3 3/8"	8'-4 7/8"	8'-6 1/8"	8'-7 1/8"
g	14'-4 1/8"	14'-6 7/8"	14'-9 3/4"	15'-0 5/8"	15'-3 1/2"
h	11'-7 7/8"	11'-10 5/16"	12'-0 3/4"	12'-3 3/16"	12'-5 3/4"
i	10'-9 3/16"	10'-11 1/16"	11'-0 15/16"	11'-2 15/16"	11'-4 7/8"
j	4'-3 1/2"	4'-3 9/16"	4'-3 11/16"	4'-3 13/16"	4'-3 15/16"



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete 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 on sheet 5 of 22.



EXTERIOR BEAMS

INTERIOR BEAMS

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on this sheet. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheet 5 of 22, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

Corporate License Number 184-001-084

TOP OF SLAB ELEVATIONS
I-72/MACARTHUR BLVD. RAMP B OVER UPRR
SECTION (84-9-4)A,HBK,BY,BY-1
SANGAMON COUNTY
STATION 33+95.61
STRUCTURE NUMBER 084-0514

HANSON

JOB* 96S2002B

DATE: 11/16/05

LAYOUT	MNM	06/27/03
DRAWN	DAP	01/04/05
REVIEWED	JWM	02/24/05

$FILE$ 12/16/2006