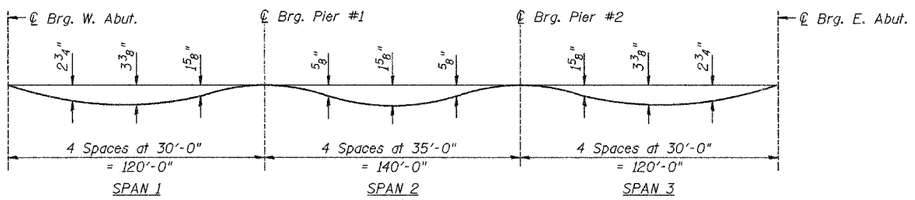
ROUTE NO.	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6145	*	LASALLE	168	83
FED. ROAD DIST. NO. 3	ILLINOIS	PROJECT		

SHEET NO. 3
41 SHEETS

* 01-00590-00-BR (County)

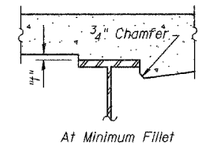
CONTRACT NO. 87293



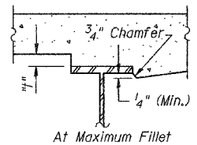
DEAD LOAD DEFLECTION DIAGRAM

(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 in the tables on sheets 4 and 5 of 41.



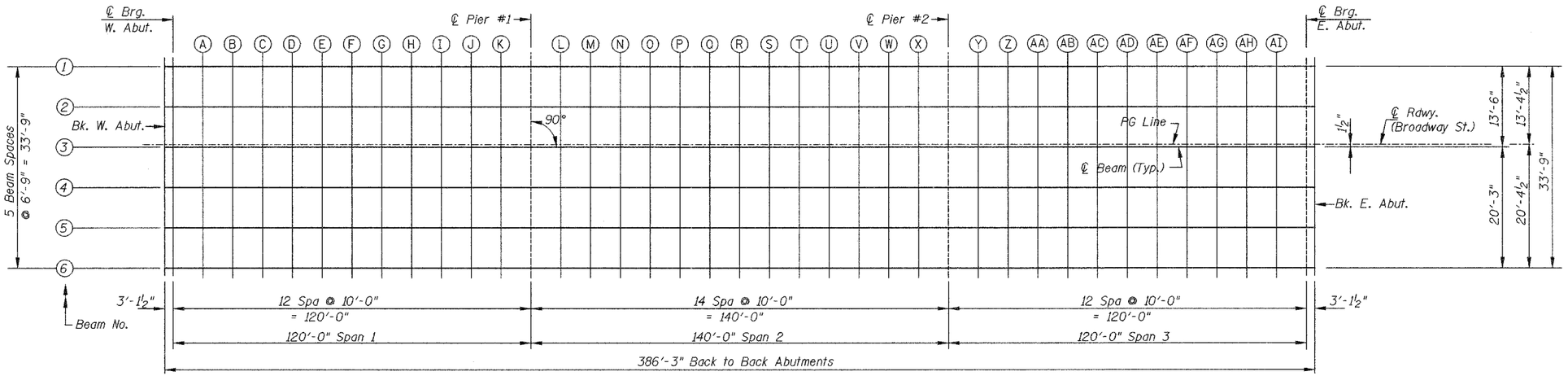
At Minimum Fillet



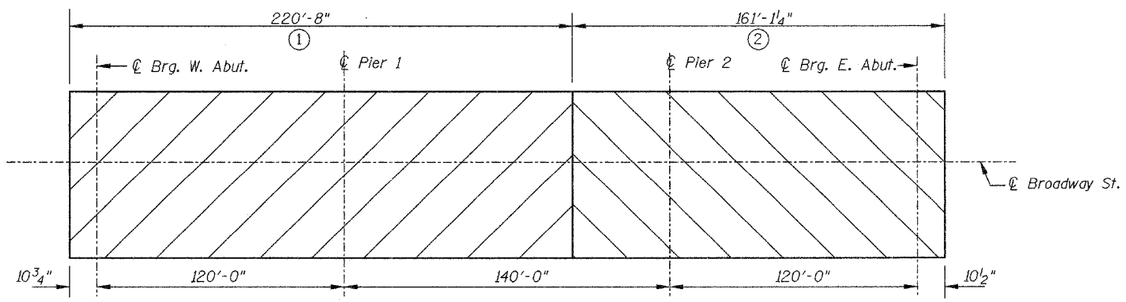
At Maximum Fillet

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 Deflections" minus slab thickness, equals the fillet heights "t" above top flanges of girders.

FILLET HEIGHTS



PLAN (DECK ELEVATIONS)



DECK POURING SEQUENCE

Notes:
The concrete deck slab segments shall be poured in numerical order as shown here. When the deck pour is stopped for the day at one or more of the Transverse Bonded Construction Joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following requirements are met:
1: At least 72 hours shall have elapsed from the end of the previous pour.
2: The concrete strength shall have attained a minimum modulus of rupture of 650 psi or a minimum compressive strength of 3500 psi.

DESIGNED	JOH
CHECKED	BRT
DRAWN	TAC
CHECKED	JOH

N

TOP OF SLAB ELEVATIONS AND DECK POURING SEQUENCES FAU ROUTE 6145 OVER BNSF RAILROAD SECTION 01-00590-00-BR (COUNTY) LASALLE COUNTY STATION 21+75.75 STR. NO. 050-8023

HUTCHISON ENGINEERING, INC.
JACKSONVILLE & JOLIET, ILLINOIS
Date: 3 /10 /2006

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