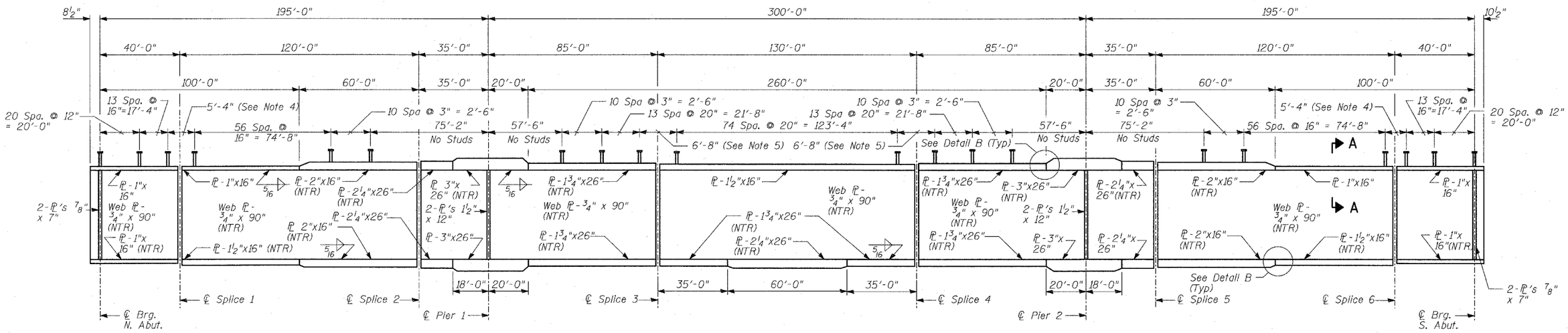
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

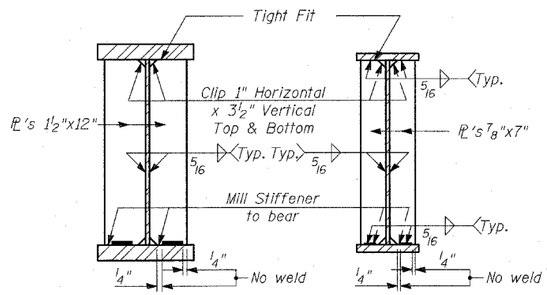
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	•	LAKE	23	18
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. - S-30
S-66- SHEETS

• 125X-HB-1F
CONTRACT # 60E33



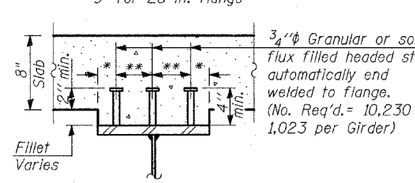
GIRDER ELEVATION



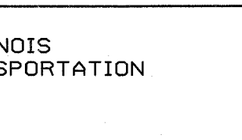
SECTION AT PIER

SECTION AT ABUTMENT

BEARING STIFFENERS



SECTION A-A
"NOT IN CONTRACT"



DETAIL "B"

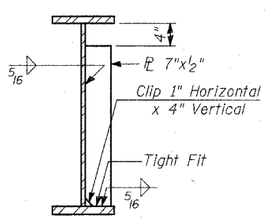
TOP OF WEB ELEVATIONS

(For Fabrication Only)

Location \ Girder	1	2	3	4	5	6	7	8	9	10
CL Brg. N. Abutment	700.53	700.66	700.74	700.54	700.29	700.22	700.34	700.40	700.18	699.92
CL Field Splice #1	701.50	701.63	701.71	701.51	701.26	701.19	701.31	701.37	701.15	700.89
CL Field Splice #2	703.00	703.15	703.26	703.08	702.85	702.81	702.95	703.03	702.83	702.59
CL Pier 1	703.42	703.58	703.69	703.53	703.30	703.26	703.41	703.50	703.31	703.07
CL Field Splice #3	704.73	704.90	705.04	704.89	704.68	704.66	704.83	704.93	704.76	704.54
CL Field Splice #4	704.86	705.06	705.22	705.10	704.92	704.93	705.12	705.26	705.11	704.92
CL Pier 2	703.72	703.94	704.12	704.02	703.86	703.88	704.09	704.24	704.12	703.94
CL Field Splice #5	703.37	703.60	703.79	703.69	703.54	703.57	703.79	703.95	703.82	703.66
CL Field Splice #6	702.12	702.37	702.58	702.51	702.38	702.44	702.68	702.87	702.77	702.63
CL Brg. S. Abutment	701.21	701.48	701.69	701.63	701.51	701.58	701.83	702.02	701.93	701.80

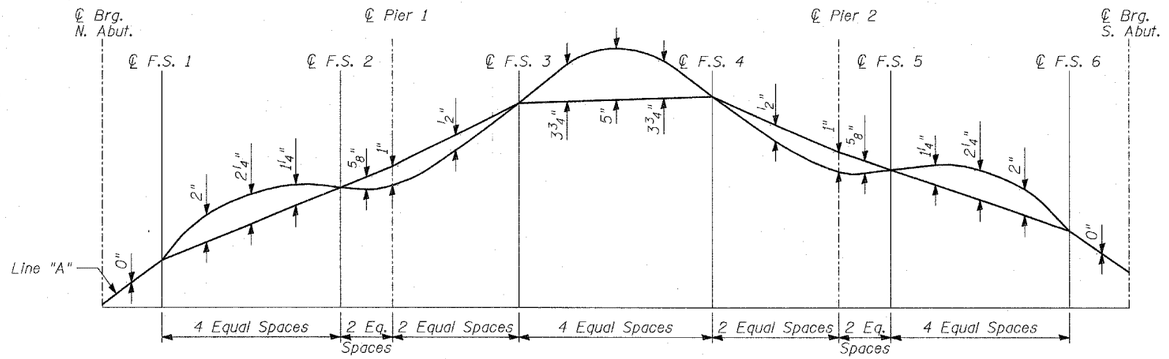
NOTES:

1. Line "A" is a straight line between ℄ Brg. N. Abut. to ℄ FS#1; ℄ FS#1 to ℄ FS#2; ℄ FS#2 to ℄ FS#3; ℄ FS#3 to ℄ FS#4; ℄ FS#4 to ℄ FS#5; ℄ FS#5 to ℄ FS#6; and ℄ FS#6 to ℄ Brg. S. Abut.
2. Camber shown includes Dead Load Deflection due to deck concrete and steel weight only.
3. Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.
4. See Sheet S-33 for stud layout at FS #1 and #6.
5. See Sheet S-33 for stud layout at FS #3 and #4



INTERMEDIATE STIFFENER DETAIL

Note:
See Framing Plan for stiffener placement.



TYPICAL CAMBER DIAGRAM

TY·LIN INTERNATIONAL

DESIGNED	- SP
CHECKED	- AD
DRAWN	- MAF
CHECKED	- AD

GIRDER ELEVATION

FAP 346 (U.S. ROUTE 41 - SKOKIE HIGHWAY) OVER ILLINOIS ROUTE 132
SECTION 125X-HB-(1&2)R-1
LAKE COUNTY
S.N. 049-0209