

**BEAM 1**

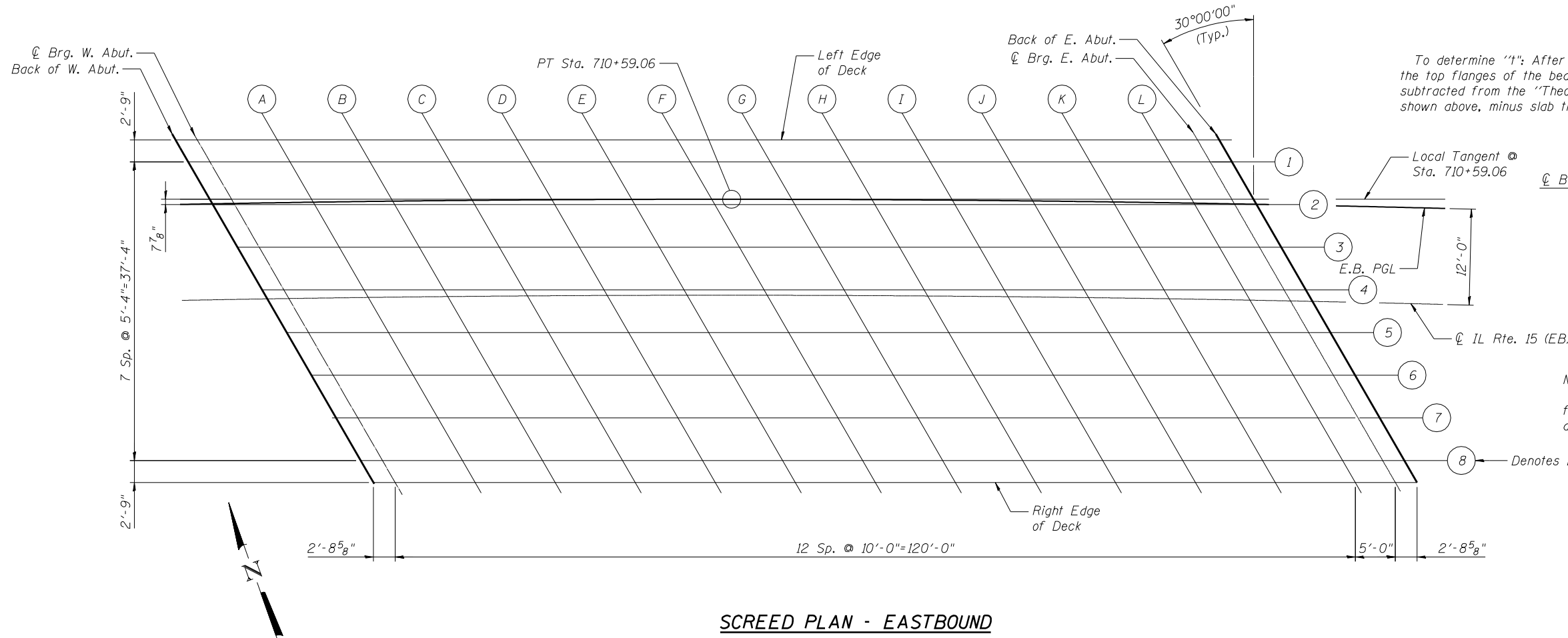
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	709+90.86	14.69	493.71	493.71
⊕ Brg. W. Abut.	709+93.58	14.74	493.65	493.65
A	710+03.62	14.91	493.45	493.47
B	710+13.66	15.05	493.23	493.28
C	710+23.7	15.16	493.02	493.09
D	710+33.75	15.24	492.79	492.88
E	710+43.79	15.30	492.57	492.67
F	710+53.83	15.33	492.33	492.44
G	710+63.88	15.33	492.10	492.20
H	710+73.92	15.30	491.85	491.95
I	710+83.96	15.25	491.61	491.69
J	710+94.00	15.16	491.35	491.42
K	711+04.05	15.05	491.10	491.14
L	711+14.09	14.91	490.84	490.85
⊕ Brg. E. Abut.	711+19.13	14.83	490.70	490.70
Back of E. Abut.	711+21.86	14.79	490.63	490.63

**PGL**

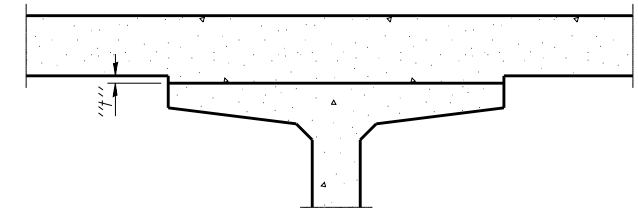
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	709+93.81	20.00	493.44	493.44
⊕ Brg. W. Abut.	709+96.51	20.00	493.39	493.39
A	710+06.48	20.00	493.19	493.22
B	710+16.46	20.00	492.98	493.03
C	710+26.45	20.00	492.77	492.84
D	710+36.47	20.00	492.55	492.63
E	710+46.49	20.00	492.32	492.42
F	710+56.54	20.00	492.09	492.19
G	710+66.60	20.00	491.85	491.95
H	710+76.68	20.00	491.60	491.69
I	710+86.77	20.00	491.35	491.43
J	710+96.88	20.00	491.09	491.15
K	711+07.01	20.00	490.83	490.86
L	711+17.15	20.00	490.55	490.57
⊕ Brg. E. Abut.	711+22.25	20.00	490.41	490.41
Back of E. Abut.	711+25.01	20.00	490.34	490.34

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back of W. Abut.	709+93.85	20.08	493.44	493.44
⊕ Brg. W. Abut.	709+96.58	20.12	493.38	493.38
A	710+06.64	20.29	493.17	493.20
B	710+16.69	20.42	492.96	493.01
C	710+26.75	20.52	492.74	492.81
D	710+36.81	20.60	492.52	492.60
E	710+46.87	20.65	492.29	492.38
F	710+56.92	20.67	492.05	492.15
G	710+66.98	20.66	491.81	491.91
H	710+77.04	20.62	491.57	491.66
I	710+87.10	20.56	491.32	491.40
J	710+97.16	20.47	491.07	491.13
K	711+07.21	20.34	490.81	490.84
L	711+17.27	20.20	490.54	490.56
⊕ Brg. E. Abut.	711+22.32	20.11	490.41	490.41
Back of E. Abut.	711+25.05	20.06	490.34	490.34

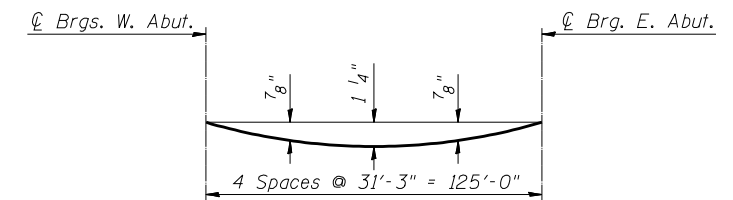


**SCREED PLAN - EASTBOUND**



To determine "t": After all precast prestressed beams have 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 Deflections" shown above, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

**FILLET HEIGHTS**



**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete, excluding beams).

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 above.

Denotes Beam Number

NOTE: See Sheet S-7 of S-51 for Deck Elevations.

FILE NAME = 0820119-0120-76884-006-DeckElev.dgn



USER NAME = brazzera	DESIGNED - MJK	REVISED - -
	CHECKED - JAN	REVISED - -
PLOT SCALE = 1/8" = 1' / IN.	DRAWN - MJK	REVISED - -
PLOT DATE = 10/19/2011	CHECKED - JAN	REVISED - -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DECK ELEVATION PLAN EASTBOUND  
STRUCTURE NO. 082-0119 (E.B.) & 082-0120 (W.B.)**

SHEET NO. S-6 OF S-51 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	183
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76884	