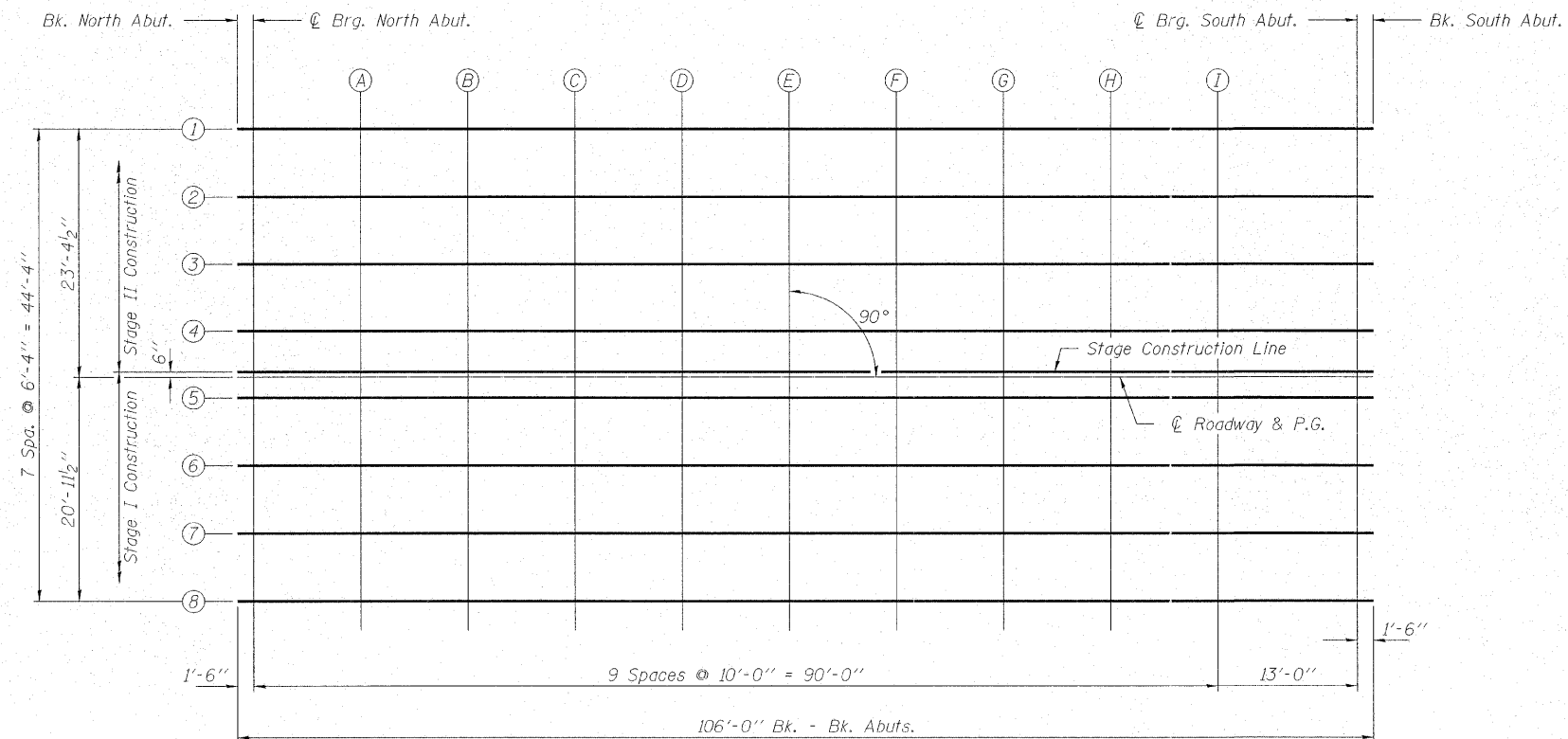
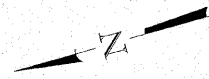


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
FAU 2503	(35) BR-2	KENDALL	129	30
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract No. 66399



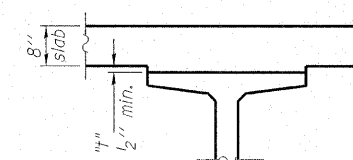
PLAN

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	12+38.00	-23.375	626.016	626.016
☉ Brg. N. Abut.	12+39.50	-23.375	626.024	626.024
A	12+49.50	-23.375	626.073	626.094
B	12+59.50	-23.375	626.122	626.164
C	12+69.50	-23.375	626.171	626.229
D	12+79.50	-23.375	626.220	626.286
E	12+89.50	-23.375	626.269	626.344
F	12+99.50	-23.375	626.318	626.387
G	13+09.50	-23.375	626.367	626.427
H	13+19.50	-23.375	626.416	626.464
I	13+29.50	-23.375	626.465	626.492
☉ Brg. S. Abut.	13+42.50	-23.375	626.543	626.543
Bk. S. Abut.	13+44.00	-23.375	626.554	626.554

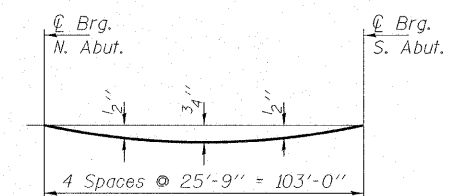
BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	12+38.00	-17.042	626.143	626.143
☉ Brg. N. Abut.	12+39.50	-17.042	626.150	626.150
A	12+49.50	-17.042	626.199	626.221
B	12+59.50	-17.042	626.248	626.291
C	12+69.50	-17.042	626.297	626.356
D	12+79.50	-17.042	626.346	626.413
E	12+89.50	-17.042	626.395	626.471
F	12+99.50	-17.042	626.444	626.514
G	13+09.50	-17.042	626.493	626.554
H	13+19.50	-17.042	626.542	626.591
I	13+29.50	-17.042	626.591	626.619
☉ Brg. S. Abut.	13+42.50	-17.042	626.669	626.669
Bk. S. Abut.	13+44.00	-17.042	626.681	626.681



STANDARD FILLET DETAIL

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 on sheets 6 through 8 of 25. 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 beams.



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 Sheets 6, 7 & 8 of 25.

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

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SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

HLR

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-06-0029-1 DATE: 01/14/08
DESIGNED: P.S.L. CHECKED: M.D.C. DRAWN: D.A.B.

TOP OF SLAB ELEVATIONS
IL 25 OVER WAUBONSEE CREEK
F.A.U. ROUTE 2503 / SECTION (35) BR-2
KENDALL COUNTY
STATION 12+91.00
STRUCTURE NO. 047-0062