

**NORTH TOE OF BARRIER**

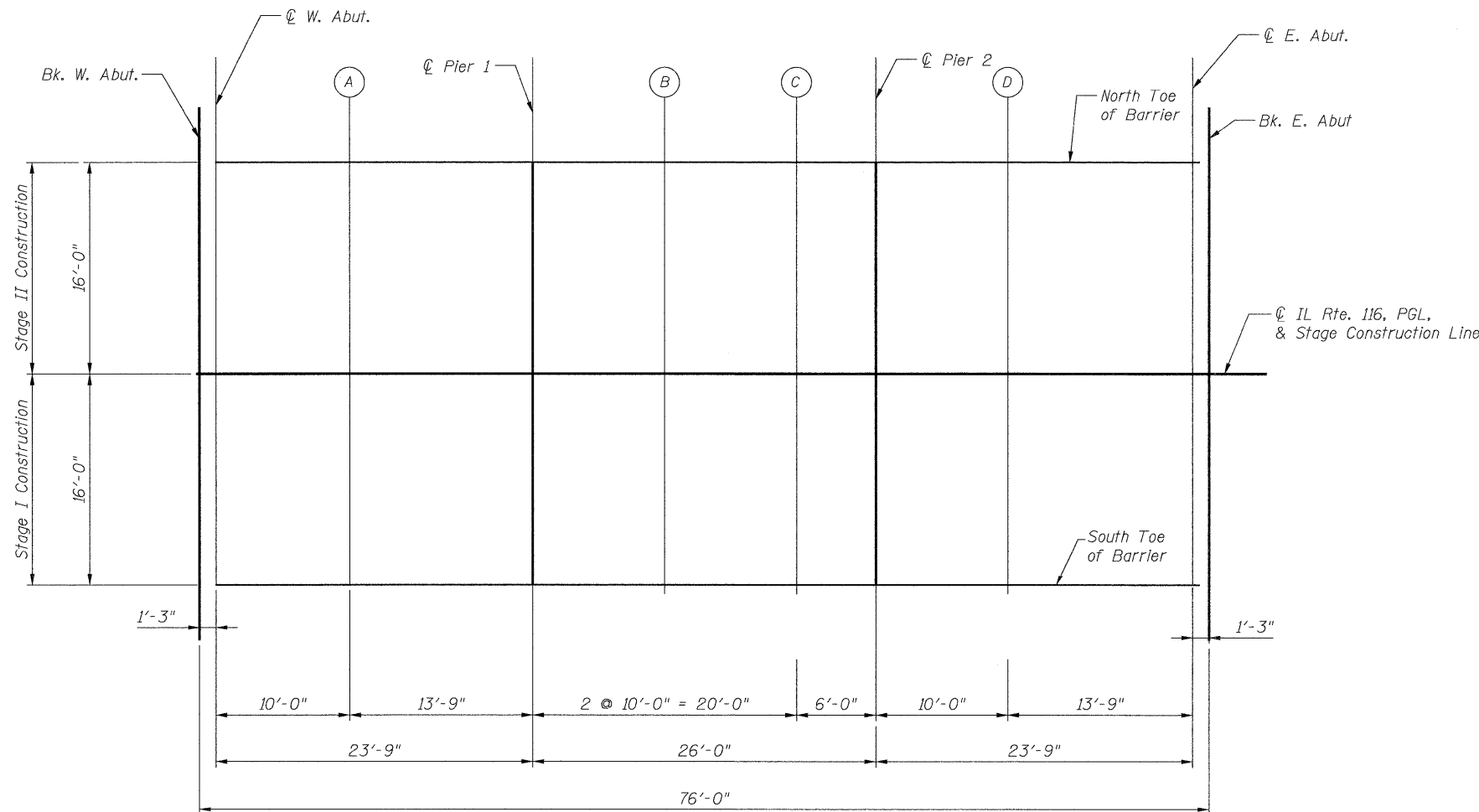
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. West Abut.	459+01.50	-16.00	656.74	656.74
┆ W. Abut.	459+02.75	-16.00	656.74	656.74
A	459+12.75	-16.00	656.75	656.75
┆ Pier 1	459+26.50	-16.00	656.74	656.74
B	459+36.50	-16.00	656.74	656.74
C	459+46.50	-16.00	656.73	656.73
┆ Pier 2	459+52.50	-16.00	656.72	656.72
D	459+62.50	-16.00	656.70	656.70
┆ E. Abut.	459+76.25	-16.00	656.67	656.67
Bk. East Abut.	459+77.50	-16.00	656.67	656.67

**┆ IL RTE. 116, PGL & Stage Construction Joint**

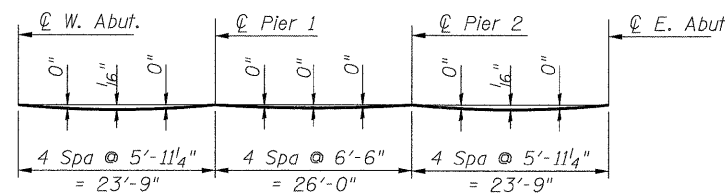
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. West Abut.	459+01.50	0.00	656.98	656.98
┆ W. Abut.	459+02.75	0.00	656.98	656.98
A	459+12.75	0.00	656.99	656.99
┆ Pier 1	459+26.50	0.00	656.98	656.98
B	459+36.50	0.00	656.98	656.98
C	459+46.50	0.00	656.97	656.97
┆ Pier 2	459+52.50	0.00	656.96	656.96
D	459+62.50	0.00	656.94	656.94
┆ E. Abut.	459+76.25	0.00	656.91	656.91
Bk. East Abut.	459+77.50	0.00	656.91	656.91

**SOUTH TOE OF BARRIER**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. West Abut.	459+01.50	16.00	656.74	656.74
┆ W. Abut.	459+02.75	16.00	656.74	656.74
A	459+12.75	16.00	656.75	656.75
┆ Pier 1	459+26.50	16.00	656.74	656.74
B	459+36.50	16.00	656.74	656.74
C	459+46.50	16.00	656.73	656.73
┆ Pier 2	459+52.50	16.00	656.72	656.72
D	459+62.50	16.00	656.70	656.70
┆ E. Abut.	459+76.25	16.00	656.67	656.67
Bk. East Abut.	459+77.50	16.00	656.67	656.67



**PLAN**



**DEAD LOAD DEFLECTION DIAGRAM**

The above deflections are not for use in the field if the Engineer is working from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection."

**benesch**  
engineers · scientists · planners

Alfred Benesch & Company  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450  
Job No. 3938

FILE NAME = ...038-0220-66960-005-dke11.dgn	USER NAME = ksmth	DESIGNED - JDC	REVISD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TOP OF SLAB ELEVATIONS STRUCTURE NO. 038-0220</b>	F.A.P. RTE. 681	SECTION (117) BR-1	COUNTY IROQUOIS	TOTAL SHEETS 41	SHEET NO. 16
PLOT SCALE = #SCALE#	DRAWN - LLR	REVISD -	CONTRACT NO. 66960							
PLOT DATE = 01/31/2011	CHECKED - JDC	REVISD -	SHEET NO. 5 OF 22 SHEETS							
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

X:\3900S\3938\Structures\1116overLanganCreek\Final\Plans\038-0220-66960-005-dke11.dgn 15:03:53 01/31/2011