

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**STRINGER SW5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
W. Edge of slab	379+18.55	16.36	32.03	32.03
⊙ Existing G6	379+19.03	16.36	32.04	32.04
A	379+20.22	16.35	32.04	32.04
B	379+30.22	16.34	32.09	32.09
⊙ FB 21-21	379+35.59	16.33	32.13	32.13
C	379+45.59	16.32	32.21	32.21
D	379+55.59	16.31	32.30	32.30
⊙ Trunnion	379+62.59	16.30	32.36	32.36
E. Edge of slab	379+71.32	16.28	32.44	32.44

**STRINGER SW6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
W. Edge of slab	379+21.35	21.31	32.06	32.06
⊙ Existing G6	379+21.82	21.31	32.06	32.06
B	379+30.22	21.30	32.10	32.10
⊙ FB 21-21	379+35.60	21.29	32.14	32.14
C	379+45.60	21.28	32.22	32.22
D	379+55.60	21.26	32.29	32.29
⊙ Trunnion	379+62.60	21.25	32.34	32.34
E. Edge of slab	379+71.32	21.24	32.42	32.42

**EB P.G.L.**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
W. Edge of slab	379+23.14	24.49	32.07	32.07
⊙ Existing G6	379+23.62	24.49	32.08	32.08
B	379+30.23	24.48	32.11	32.11
⊙ FB 21-21	379+35.60	24.48	32.15	32.15
C	379+45.60	24.46	32.22	32.22
D	379+55.60	24.45	32.30	32.30
⊙ Trunnion	379+62.60	24.44	32.35	32.35
E. Edge of slab	379+71.33	24.43	32.41	32.41

**STRINGER SW7**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
W. Edge of slab	379+24.14	26.27	32.07	32.07
⊙ Existing G6	379+24.62	26.27	32.08	32.08
B	379+30.23	26.26	32.10	32.10
⊙ FB 21-21	379+35.62	26.25	32.15	32.15
C	379+45.61	26.24	32.22	32.22
D	379+55.61	26.22	32.29	32.29
⊙ Trunnion	379+62.61	26.21	32.35	32.35
E. Edge of slab	379+71.33	26.20	32.41	32.41

**STRINGER SW8**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
W. Edge of slab	379+26.93	31.22	32.08	32.08
⊙ Existing G6	379+27.41	31.22	32.08	32.08
B	379+30.24	31.22	32.09	32.09
⊙ FB 21-21	379+35.61	31.21	32.13	32.13
C	379+45.61	31.19	32.21	32.21
D	379+55.61	31.18	32.29	32.29
⊙ Trunnion	379+62.61	31.17	32.34	32.34
E. Edge of slab	379+71.34	31.16	32.40	32.40

**STRINGER SW9**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
W. Edge of slab	379+29.73	36.18	32.09	32.09
⊙ Existing G6	379+30.20	36.17	32.10	32.10
⊙ FB 21-21	379+35.62	36.17	32.12	32.12
C	379+45.62	36.15	32.20	32.20
D	379+55.62	36.14	32.28	32.28
⊙ Trunnion	379+62.62	36.13	32.33	32.33
E. Edge of slab	379+71.34	36.12	32.40	32.40

**STRINGER SW10**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
W. Edge of slab	379+32.52	41.13	32.09	32.09
⊙ Existing G6	379+33.00	41.13	32.09	32.09
⊙ FB 21-21	379+35.63	41.13	32.12	32.12
C	379+45.63	41.11	32.20	32.20
D	379+55.63	41.10	32.28	32.28
⊙ Trunnion	379+62.63	41.09	32.34	32.34
E. Edge of slab	379+71.35	41.08	32.40	32.40

**STRINGER SW11**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
End support	379+37.63	44.85	32.17	32.17
C	379+45.63	44.84	32.22	32.22
D	379+55.63	44.83	32.29	32.29
⊙ Trunnion	379+62.63	44.85	32.34	32.34
E. Edge of slab	379+71.36	44.80	32.41	32.41

**STRINGER SWS1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
End support	379+51.14	49.27	32.73	32.73
D	379+55.64	49.26	32.78	32.78
⊙ Trunnion	379+62.64	49.25	32.85	32.85
E. Edge of slab	379+72.32	49.24	32.95	32.95

**STRINGER SWS2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
End support	379+37.87	49.77	32.55	32.55
C	379+45.64	49.76	32.67	32.67
End support	379+51.14	49.75	32.68	32.68

**STRINGER SWS3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
⊙ Existing G6	379+39.89	53.35	32.09	32.09
C	379+45.64	53.34	32.19	32.19
D	379+55.64	53.33	32.34	32.34
⊙ Trunnion	379+62.64	53.32	32.43	32.43
E. Edge of slab	379+72.33	53.30	32.53	32.53

**TOP OF SLAB ELEVATIONS  
SOUTHWEST FIXED SPANS  
STRUCTURE NO. 016-2445**

DESIGNED	A. HAMMAD
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	A. HAMMAD

**PB Americas, Inc.**  
230 WEST MONROE STREET,  
SUITE 900  
CHICAGO, IL. 60606

SHEET NO. 11	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	389	2424.2B-R	COOK	398	92
163 SHEETS	CONTRACT NO. 60D61			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	