

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNT	SHEET NO.	TOTAL SHEETS
23	64-IVBR	25	11	18

STRINGER #7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Top of Stringer Elevations	Fillet Height "I" in Inches
PANEL POINT L0	28106.900	13.250	452.169	452.183	451.535	1/4
A	28116.900	13.250	452.283	452.261	451.597	1/2
B	28126.900	13.250	452.223	452.321	451.676	1/4
PANEL POINT L1	28135.650	13.250	452.285	452.391	451.717	1/8
C	28145.650	13.250	452.317	452.412	451.758	3/8
D	28155.650	13.250	452.366	452.449	451.801	5/16
PANEL POINT L2	28164.400	13.250	452.388	452.461	451.839	0
E	28174.400	13.250	452.389	452.509	451.865	1/4
F	28184.400	13.250	452.406	452.532	451.892	3/16
PANEL POINT L3	28193.150	13.250	452.417	452.532	451.918	-1/8
G	28203.150	13.250	452.427	452.562	451.923	3/16
H	28213.150	13.250	452.433	452.568	451.930	3/16
PANEL POINT L4	28221.900	13.250	452.434	452.554	451.938	-1/8
I	28231.900	13.250	452.432	452.568	451.930	3/16
J	28241.900	13.250	452.426	452.555	451.922	1/8
PANEL POINT L5	28250.650	13.250	452.438	452.533	451.918	-1/8
K	28260.650	13.250	452.403	452.531	451.900	3/16
L	28270.650	13.250	452.387	452.505	451.862	3/16
PANEL POINT L6	28279.400	13.250	452.369	452.484	451.839	0
M	28289.400	13.250	452.364	452.448	451.796	5/16
N	28299.400	13.250	452.315	452.408	451.752	3/8
PANEL POINT L7	28308.150	13.250	452.286	452.354	451.717	1/8
O	28318.150	13.250	452.250	452.317	451.652	1/2
P	28328.150	13.250	452.210	452.257	451.588	1/2
PANEL POINT L8	28336.900	13.250	452.171	452.185	451.535	5/16

STRINGER #8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Top of Stringer Elevations	Fillet Height "I" in Inches
PANEL POINT L0	28106.900	19.875	452.114	452.123	451.479	1/4
A	28116.900	19.875	452.138	452.205	451.543	1/16
B	28126.900	17.875	452.198	452.263	451.608	3/8
PANEL POINT L1	28135.650	19.875	452.229	452.294	451.666	1/16
C	28145.650	19.875	452.262	452.356	451.708	1/4
D	28155.650	19.875	452.291	452.394	451.751	3/16
PANEL POINT L2	28164.400	19.875	452.312	452.408	451.791	-1/8
E	28174.400	15.875	452.333	452.455	451.817	1/8
F	28184.400	19.375	452.351	452.479	451.845	1/8
PANEL POINT L3	28193.150	15.875	452.362	452.480	451.872	-3/16
G	28203.150	15.875	452.372	452.510	451.877	1/16
H	28213.150	19.875	452.377	452.515	451.884	1/16
PANEL POINT L4	28221.900	15.875	452.379	452.502	451.892	-3/16
I	28231.900	15.875	452.377	452.516	451.884	1/16
J	28241.900	19.875	452.371	452.507	451.876	1/16
PANEL POINT L5	28250.650	15.875	452.363	452.481	451.872	-3/16
K	28260.650	19.875	452.349	452.477	451.841	1/8
L	28270.650	19.875	452.332	452.451	451.814	1/8
PANEL POINT L6	28279.400	15.875	452.313	452.409	451.791	-1/16
M	28289.400	15.875	452.285	452.392	451.746	1/4
N	28299.400	19.875	452.260	452.351	451.702	5/16
PANEL POINT L7	28308.150	15.875	452.231	452.296	451.666	1/16
O	28318.150	19.875	452.195	452.255	451.600	1/16
P	28328.150	19.875	452.154	452.197	451.534	1/16
PANEL POINT L8	28336.900	15.875	452.116	452.125	451.479	1/4

STRINGER #9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Top of Stringer Elevations	Fillet Height "I" in Inches
PANEL POINT L0	28106.900	26.500	452.058	452.061	451.418	3/16
A	28116.900	26.500	452.102	452.143	451.482	1/16
B	28126.900	26.500	452.142	452.200	451.548	5/16
PANEL POINT L1	28135.650	26.500	452.174	452.233	451.607	3/16
C	28145.650	26.500	452.207	452.276	451.650	1/4
D	28155.650	26.500	452.235	452.334	451.695	3/16
PANEL POINT L2	28164.400	26.500	452.257	452.345	451.734	-1/8
E	28174.400	26.500	452.276	452.397	451.761	1/4
F	28184.400	26.500	452.295	452.421	451.790	1/16
PANEL POINT L3	28193.150	26.500	452.307	452.424	451.818	-1/4
G	28203.150	26.500	452.317	452.453	451.823	1/16
H	28213.150	26.500	452.322	452.459	451.830	1/16
PANEL POINT L4	28221.900	26.500	452.324	452.446	451.838	-3/16
I	28231.900	26.500	452.322	452.460	451.830	1/16
J	28241.900	26.500	452.316	452.454	451.821	1/16
PANEL POINT L5	28250.650	26.500	452.304	452.425	451.818	-3/16
K	28260.650	26.500	452.294	452.420	451.787	1/8
L	28270.650	26.500	452.277	452.393	451.756	1/8
PANEL POINT L6	28279.400	26.500	452.258	452.350	451.734	-1/8
M	28289.400	26.500	452.233	452.332	451.684	1/4
N	28299.400	26.500	452.204	452.290	451.644	1/4
PANEL POINT L7	28308.150	26.500	452.176	452.235	451.607	1/16
O	28318.150	26.500	452.140	452.194	451.549	1/4
P	28328.150	26.500	452.094	452.136	451.474	1/16
PANEL POINT L8	28336.900	26.500	452.060	452.063	451.418	1/4

Note: For Elevations Location Plan and Dead Load Deflection Diagrams see sheet #8.

DESIGNED <i>R. Doherty</i>	EXAMINED <i>James J. Bloxdorf</i>
CHECKED <i>K.R. Ghanta</i>	PASSED <i>James J. Bloxdorf</i>
DRAWN <i>R. Doherty</i>	APPROVED <i>James J. Bloxdorf</i>
CHECKED <i>K.R. Ghanta</i>	

TOP OF SLAB ELEVATIONS  
E-I

FOR INFORMATION ONLY

**CB** Coombe-Bloxdorf P.C.  
- CIVIL ENGINEERS -  
- STRUCTURAL ENGINEERS -  
- LAND SURVEYORS -  
Design Firm License No. 184-002703

FILE NAME = ...148-DB76882-exist-bridge-repair-plans-0.dgn	USER NAME = CFC...	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 082-0030 PLANS (REHABILITATION PLANS)	F.A.P. RTE. 312	SECTION 64-IVBR	COUNTY ST. CLAIR	TOTAL SHEETS 259	SHEET NO. 140	
PLOT SCALE = 40.000000' / 1"	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/5/2018	DATE - / /	REVISED -									
CB JOB NO 09821		REVISED -									