

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	DATE	SHEET NO.
1139-0876882	IVBR	ST. CLAIR	1-3	18
SHEET NO. 6				18 SHEETS

STRINGER #5 AND C ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Top of Stringer Elevations	Fillet Height "r" in Inches
PANEL POINT L0	28106.900	0.0	452.279	452.303	451.652	7/16
A	28116.900	0.0	452.323	452.387	451.717	7/16
B	28126.900	0.0	452.363	452.447	451.782	1/2
PANEL POINT L1	28135.650	0.0	452.395	452.482	451.843	3/16
C	28145.650	0.0	452.428	452.543	451.883	7/16
D	28155.650	0.0	452.456	452.579	451.925	3/8
PANEL POINT L2	28164.400	0.0	452.478	452.594	451.966	1/16
E	28174.400	0.0	452.499	452.640	451.991	5/16
F	28184.400	0.0	452.516	452.663	452.017	1/4
PANEL POINT L3	28193.150	0.0	452.528	452.664	452.045	-1/16
G	28203.150	0.0	452.537	452.693	452.050	1/4
H	28213.150	0.0	452.543	452.699	452.055	1/4
PANEL POINT L4	28221.900	0.0	452.545	452.688	452.065	-1/16
I	28231.900	0.0	452.543	452.700	452.074	0
J	28241.900	0.0	452.537	452.691	452.060	3/16
PANEL POINT L5	28250.650	0.0	452.528	452.664	452.07	-1/16
K	28260.650	0.0	452.515	452.62	452.017	1/4
L	28270.650	0.0	452.496	452.636	451.988	5/16
PANEL POINT L6	28279.400	0.0	452.479	452.595	451.966	1/16
M	28289.400	0.0	452.454	452.578	451.921	3/8
N	28299.400	0.0	452.425	452.557	451.878	7/16
PANEL POINT L7	28308.150	0.0	452.397	452.484	451.843	3/16
O	28318.150	0.0	452.360	452.443	451.775	1/2
P	28328.150	0.0	452.323	452.380	451.708	5/16
PANEL POINT L8	28336.900	0.0	452.281	452.305	451.652	5/16

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
PANEL POINT L0	28106.900	4.750	452.240	452.256
A	28116.900	4.750	452.284	452.335
B	28126.900	4.750	452.324	452.391
PANEL POINT L1	28135.650	4.750	452.356	452.421
C	28145.650	4.750	452.388	452.480
D	28155.650	4.750	452.417	452.516
PANEL POINT L2	28164.400	4.750	452.438	452.527
E	28174.400	4.750	452.460	452.573
F	28184.400	4.750	452.477	452.595
PANEL POINT L3	28193.150	4.750	452.488	452.595
G	28203.150	4.750	452.498	452.624
H	28213.150	4.750	452.503	452.624
PANEL POINT L4	28221.900	4.750	452.505	452.616
I	28231.900	4.750	452.503	452.630
J	28241.900	4.750	452.497	452.621
PANEL POINT L5	28250.650	4.750	452.489	452.596
K	28260.650	4.750	452.475	452.594
L	28270.650	4.750	452.458	452.565
PANEL POINT L6	28279.400	4.750	452.446	452.524
M	28289.400	4.750	452.415	452.514
N	28299.400	4.750	452.386	452.475
PANEL POINT L7	28308.150	4.750	452.357	452.422
O	28318.150	4.750	452.321	452.387
P	28328.150	4.750	452.280	452.327
PANEL POINT L8	28336.900	4.750	452.242	452.258

STRINGER #6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection	Top of Stringer Elevations	Fillet Height "r" in Inches
PANEL POINT L0	28106.900	0.625	452.224	452.240	451.593	1/4
A	28116.900	0.625	452.268	452.300	451.654	1/2
B	28126.900	0.625	452.308	452.376	451.715	1/16
PANEL POINT L1	28135.650	0.625	452.340	452.407	451.772	1/8
C	28145.650	0.625	452.373	452.466	451.817	1/8
D	28155.650	0.625	452.401	452.501	451.853	5/16
PANEL POINT L2	28164.400	0.625	452.423	452.515	451.890	0
E	28174.400	0.625	452.444	452.566	451.916	1/4
F	28184.400	0.625	452.461	452.582	451.939	0
PANEL POINT L3	28193.150	0.625	452.473	452.587	451.968	-1/8
G	28203.150	0.625	452.482	452.611	451.974	3/16
H	28213.150	0.625	452.488	452.617	451.975	3/16
PANEL POINT L4	28221.900	0.625	452.489	452.602	451.967	-1/8
I	28231.900	0.625	452.488	452.614	451.979	3/16
J	28241.900	0.625	452.482	452.605	451.971	3/16
PANEL POINT L5	28250.650	0.625	452.473	452.592	451.968	-1/8
K	28260.650	0.625	452.460	452.591	451.939	3/16
L	28270.650	0.625	452.442	452.570	451.912	3/16
PANEL POINT L6	28279.400	0.625	452.424	452.546	451.890	0
M	28289.400	0.625	452.399	452.500	451.848	5/16
N	28299.400	0.625	452.370	452.461	451.806	3/8
PANEL POINT L7	28308.150	0.625	452.342	452.409	451.772	1/8
O	28318.150	0.625	452.305	452.372	451.700	1/16
P	28328.150	0.625	452.265	452.313	451.645	1/2
PANEL POINT L8	28336.900	0.625	452.226	452.262	451.593	1/16

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

DESIGNED: *[Signature]*  
CHECKED: K.R. Ghanta  
DRAWN: R. Doty  
CHECKED: K.R. Ghanta

EXAMINED: *[Signature]*  
PASSED: *[Signature]*  
APPROVED: *[Signature]*

TOP OF SLAB ELEVATIONS  
F.A

FOR INFORMATION ONLY

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

FILE NAME =	USER NAME = CFC..	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 082-0030 PLANS (REHABILITATION PLANS)	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...139-0876882-exist-bridge-repair-plans-99.dgn		DRAWN -	REVISED -					312	64-IVBR	ST. CLAIR	259	139
PLOT SCALE = 48,000000 / IN.		CHECKED -	REVISED -					CONTRACT NO. 76882				
PLOT DATE = 6/5/2010		DATE - / /	REVISED -					ILLINOIS FED. AID PROJECT				