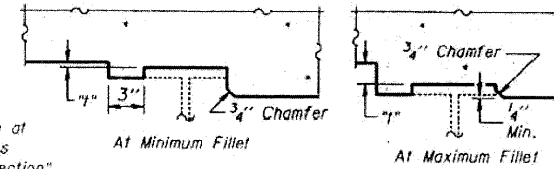


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PROJECT NO.	SECTION	SHEET	TOTAL SHEETS	SHEET NO.
1138-0876882-exist-bridge-repair-plans	64-IVBR	ST. CLAIR	259	9
DATE		1985		
DRAWN		R. Doly		
CHECKED		K. R. Ghanta		
DESIGNED		James T. Robinson		

To determine "I": Elevations of the top flanges of the stringers shall be taken at intervals shown below and as specified in Note 1 on sheet #8. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "I" above top flange of stringers. For fillet details at floor beams see sheet #13.

FILLET HEIGHTS

STRINGER #1

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	452.062	451.419	3/16
A	28116.900	-26.500	452.102	452.148	451.407	7/16
B	28126.900	-26.500	452.142	452.209	451.556	5/16
PANEL POINT L1	28135.650	-26.500	452.174	452.245	451.619	0
C	28145.650	-26.500	452.207	452.310	451.669	1/4
D	28155.650	-26.500	452.215	452.350	451.710	3/16
PANEL POINT L2	28164.400	-26.500	452.257	452.388	451.753	-1/8
E	28174.400	-26.500	452.278	452.417	451.782	1/8
F	28184.400	-26.500	452.295	452.442	451.812	1/16
PANEL POINT L3	28193.150	-26.500	452.307	452.447	451.841	-1/4
G	28203.150	-26.500	452.317	452.477	451.846	1/16
H	28213.150	-26.500	452.322	452.483	451.853	1/16
PANEL POINT L4	28221.900	-26.500	452.324	452.470	451.862	-3/16
I	28231.900	-26.500	452.322	452.444	451.853	1/16
J	28241.900	-26.500	452.316	452.474	451.865	1/16
PANEL POINT L5	28250.650	-26.500	452.308	452.448	451.841	-1/4
K	28260.650	-26.500	452.294	452.442	451.809	1/16
L	28270.650	-26.500	452.277	452.413	451.778	1/8
PANEL POINT L6	28279.400	-26.500	452.258	452.385	451.753	-1/8
M	28289.400	-26.500	452.233	452.348	451.705	3/16
N	28299.400	-26.500	452.204	452.304	451.658	1/4
PANEL POINT L7	28308.150	-26.500	452.176	452.267	451.619	0
U	28318.150	-26.500	452.140	452.206	451.548	3/8
P	28328.150	-26.500	452.099	452.140	451.479	7/16
PANEL POINT L8	28336.900	-26.500	452.060	452.064	451.419	1/4

STRINGER #2

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	452.127	451.483	1/4
A	28116.900	-19.875	452.158	452.213	451.551	7/16
B	28126.900	-19.875	452.198	452.275	451.621	3/4
PANEL POINT L1	28135.650	-19.875	452.229	452.311	451.683	0
C	28145.650	-19.875	452.262	452.375	451.727	1/4
D	28155.650	-19.875	452.291	452.415	451.772	1/4
PANEL POINT L2	28164.400	-19.875	452.312	452.431	451.814	-1/8
E	28174.400	-19.875	452.333	452.474	451.842	1/8
F	28184.400	-19.875	452.351	452.505	451.871	1/8
PANEL POINT L3	28193.150	-19.875	452.362	452.508	451.900	-3/16
G	28203.150	-19.875	452.372	452.538	451.905	1/16
H	28213.150	-19.875	452.377	452.542	451.912	1/16
PANEL POINT L4	28221.900	-19.875	452.379	452.531	451.921	-3/16
I	28231.900	-19.875	452.371	452.545	451.912	1/16
J	28241.900	-19.875	452.371	452.535	451.903	1/16
PANEL POINT L5	28250.650	-19.875	452.363	452.504	451.900	-3/16
K	28260.650	-19.875	452.349	452.504	451.888	1/8
L	28270.650	-19.875	452.332	452.478	451.838	1/8
PANEL POINT L6	28279.400	-19.875	452.313	452.432	451.844	-1/16
M	28289.400	-19.875	452.284	452.413	451.767	1/4
N	28299.400	-19.875	452.260	452.370	451.721	3/16
PANEL POINT L7	28308.150	-19.875	452.231	452.313	451.683	1/16
C	28318.150	-19.875	452.195	452.271	451.612	7/16
P	28328.150	-19.875	452.154	452.204	451.572	7/16
PANEL POINT L8	28336.900	-19.875	452.116	452.124	451.483	1/4

STRINGER #3

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	452.165	452.185	451.541	1/4
A	28116.900	-13.250	452.213	452.274	451.607	1/2
B	28126.900	-13.250	452.253	452.337	451.642	1/2
PANEL POINT L1	28135.650	-13.250	452.285	452.373	451.738	1/2
C	28145.650	-13.250	452.317	452.435	451.780	3/8
D	28155.650	-13.250	452.346	452.475	451.825	5/16
PANEL POINT L2	28164.400	-13.250	452.366	452.441	451.867	0
E	28174.400	-13.250	452.384	452.538	451.894	1/4
F	28184.400	-13.250	452.400	452.582	451.922	3/16
PANEL POINT L3	28193.150	-13.250	452.417	452.565	451.951	-1/8
G	28203.150	-13.250	452.427	452.594	451.956	3/16
H	28213.150	-13.250	452.433	452.601	451.962	3/16
PANEL POINT L4	28221.900	-13.250	452.434	452.587	451.971	-1/8
I	28231.900	-13.250	452.432	452.651	451.962	3/16
J	28241.900	-13.250	452.426	452.592	451.954	3/16
PANEL POINT L5	28250.650	-13.250	452.418	452.566	451.941	-1/2
K	28260.650	-13.250	452.405	452.562	451.920	3/16
L	28270.650	-13.250	452.387	452.534	451.890	1/4
PANEL POINT L6	28279.400	-13.250	452.364	452.492	451.867	0
M	28289.400	-13.250	452.344	452.473	451.820	5/16
N	28299.400	-13.250	452.315	452.430	451.774	3/8
PANEL POINT L7	28308.150	-13.250	452.286	452.374	451.738	1/2
C	28318.150	-13.250	452.250	452.332	451.667	1/2
P	28328.150	-13.250	452.210	452.267	451.548	1/2
PANEL POINT L8	28336.900	-13.250	452.171	452.191	451.541	5/16

STRINGER #4

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	-6.625	452.224	452.247	451.600	1/4
A	28116.900	-6.625	452.268	452.332	451.666	1/2
B	28126.900	-6.625	452.300	452.394	451.733	7/16
PANEL POINT L1	28135.650	-6.625	452.340	452.430	451.755	1/8
C	28145.650	-6.625	452.373	452.492	451.837	3/8
D	28155.650	-6.625	452.401	452.529	451.880	5/16
PANEL POINT L2	28164.400	-6.625	452.423	452.545	451.921	0
E	28174.400	-6.625	452.444	452.592	451.947	1/4
F	28184.400	-6.625	452.461	452.615	451.991	0
PANEL POINT L3	28193.150	-6.625	452.473	452.617	452.002	-1/8
G	28203.150	-6.625	452.482	452.646	452.007	3/16
H	28213.150	-6.625	452.488	452.652	452.013	3/16
PANEL POINT L4	28221.900	-6.625	452.489	452.638	452.023	-1/8
I	28231.900	-6.625	452.488	452.654	452.014	3/16
J	28241.900	-6.625	452.482	452.644	452.005	3/16
PANEL POINT L5	28250.650	-6.625	452.473	452.617	452.004	-1/8
K	28260.650	-6.625	452.460	452.614	451.973	3/16
L	28270.650	-6.625	452.442	452.587	451.943	1/4
PANEL POINT L6	28279.400	-6.625	452.424	452.546	451.921	0
M	28289.400	-6.625	452.399	452.528	451.875	5/16
N	28299.400	-6.625	452.370	452.486	451.831	3/8
PANEL POINT L7	28308.150	-6.625	452.342	452.432	451.795	1/8
C	28318.150	-6.625	452.305	452.390	451.726	7/16
P	28328.150	-6.625	452.265	452.325	451.657	1/2
PANEL POINT L8	28336.900	-6.625	452.226	452.249	451.600	5/16

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

TOP OF SLAB ELEVATIONS
F.A.

DESIGNED *James T. Robinson*
CHECKED *K. R. Ghanta*
DRAWN *R. Doly*
CHECKED *K. R. Ghanta*

EXAMINED *James T. Robinson*
PASSED *James T. Robinson*
APPROVED _____

E.D. #1 1985

E-S 1-6-82

FOR INFORMATION ONLY

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- 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)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...1138-0876882-exist-bridge-repair-plans	28.dgn	DRAWN -	REVISED -			312	64-IVBR	ST. CLAIR	259	138	
PLOT SCALE = 40.000000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76882		ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/5/2010		DATE - / /	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.			