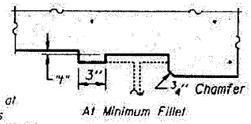
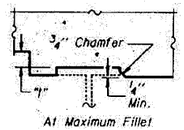
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. RTE. 312	64-1VBR	ST CLAIR	23	9
PROJECT NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 5
18 SHEETS



At Minimum Fillet



At Maximum Fillet

To determine "f": 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 "f" 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 "f" 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	451.437	7/16
B	28126.900	-26.500	452.142	452.209	451.556	5/16
PANEL POINT L1	28135.650	-26.500	452.176	452.245	451.619	0
C	28145.650	-26.500	452.207	452.310	451.664	1/4
D	28155.650	-26.500	452.235	452.350	451.710	3/16
PANEL POINT L2	28164.400	-26.500	452.257	452.368	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	452.484	451.853	1/16
J	28241.900	-26.500	452.316	452.474	451.845	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	28275.400	-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	452.247	451.619	0
O	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 "f" 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	3/8
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	452.475	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	452.543	451.912	1/16
PANEL POINT L4	28221.900	-19.875	452.379	452.531	451.921	-3/16
I	28231.900	-19.875	452.377	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	451.868	1/8
L	28270.650	-19.875	452.332	452.476	451.838	1/8
PANEL POINT L6	28275.400	-19.875	452.313	452.432	451.814	-1/16
M	28289.400	-19.875	452.289	452.413	451.767	1/4
N	28299.400	-19.875	452.260	452.370	451.721	5/16
PANEL POINT L7	28308.150	-19.875	452.231	452.313	451.683	1/16
O	28318.150	-19.875	452.195	452.271	451.612	7/16
P	28328.150	-19.875	452.154	452.204	451.542	7/16
PANEL POINT L8	28336.900	-19.875	452.116	452.129	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 "f" in Inches
PANEL POINT L0	28106.900	-13.250	452.105	452.105	451.541	1/4
A	28116.900	-13.250	452.213	452.274	451.607	1/2
B	28126.900	-13.250	452.293	452.337	451.692	1/4
PANEL POINT L1	28135.650	-13.250	452.285	452.373	451.738	1/4
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	452.491	451.867	0
E	28174.400	-13.250	452.389	452.538	451.894	1/4
F	28184.400	-13.250	452.408	452.562	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	452.597	451.971	-1/8
I	28231.900	-13.250	452.432	452.601	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	451.951	-1/8
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	28275.400	-13.250	452.365	452.492	451.867	0
M	28289.400	-13.250	452.334	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	1/8
O	28318.150	-13.250	452.250	452.332	451.667	1/2
P	28328.150	-13.250	452.210	452.267	451.598	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 "f" in Inches
PANEL POINT L0	28106.900	-6.625	452.224	452.247	451.600	1/4
A	28116.900	-6.625	452.288	452.332	451.666	1/2
B	28126.900	-6.625	452.308	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	1/8
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	28275.400	-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
O	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. [illegible]

DESIGNED	[signature]	
CHECKED	k. R. Ghanta	
DRAWN	R. Doty	
CHECKED	k R Ghanta	

E-S 1-6-82

Feb. 4, 1982
EXAMINED [signature] ENGINEER OF BRIDGE DESIGN
PASSED [signature] ENGINEER OF BRIDGES AND STRUCTURES
APPROVED DIRECTOR OF HIGHWAYS

FOR INFORMATION ONLY

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

FILE NAME = ...\138-D876882-exist-bridge-repair-plans-08.dgn	USER NAME = CFC...	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.000000 ' / IN.	CHECKED -	REVISED -
CB JOB NO 09021	PLOT DATE = 8/5/2010	DATE - / /	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.
312	64-1VBR	ST. CLAIR	259	138
		CONTRACT NO. 76882		
	ILLINOIS	FED. AID PROJECT		