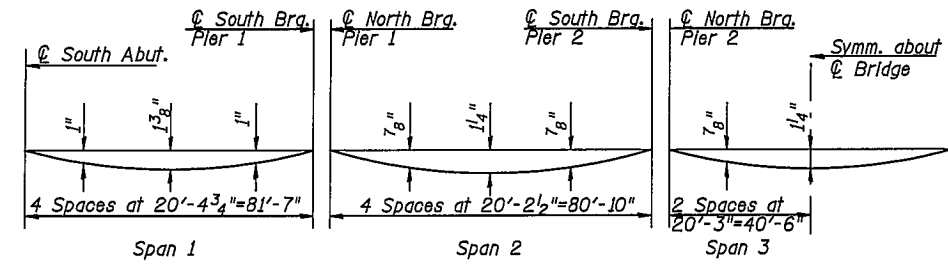
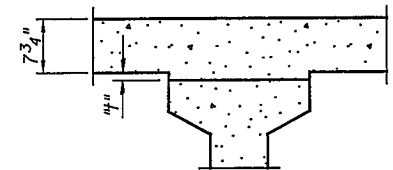


ROUTE NO.	SECTION	COUNTY	DATE	SHEET
F.A.P. 332	(6)	VERMILION	1/40	45
PERMITS DIST. NO. 7	SCALE	PER. AND PROPERTY		
Contract #90841				



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete, excluding beams).

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections and Grinding" shown below, minus 7 3/4" deck thickness, equals the fillet heights "t" above top flanges of beams.

The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown below. For grinding the deck, see "Special Provisions."

FILLET HEIGHTS

BEAM 1					BEAM 2					BEAM 3					BEAM 4				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding	Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abutment	196+68.976	19.250	600.053	600.074	Bk. S. Abutment	196+64.361	13.750	600.118	600.138	Bk. S. Abutment	196+59.746	8.250	600.163	600.184	Bk. S. Abutment	196+55.131	2.750	600.201	600.221
CL Brg. S. Abut.	196+73.653	19.250	600.104	600.125	CL Brg. S. Abut.	196+69.038	13.750	600.168	600.189	CL Brg. S. Abut.	196+64.423	8.250	600.213	600.234	CL Brg. S. Abut.	196+59.808	2.750	600.250	600.271
A	196+83.653	19.250	600.215	600.279	A	196+79.038	13.750	600.278	600.341	A	196+74.423	8.250	600.322	600.385	A	196+69.808	2.750	600.357	600.421
B	196+93.653	19.250	600.330	600.428	B	196+89.038	13.750	600.391	600.490	B	196+84.423	8.250	600.434	600.532	B	196+79.808	2.750	600.468	600.566
C	197+03.653	19.250	600.447	600.569	C	196+99.038	13.750	600.507	600.629	C	196+94.423	8.250	600.548	600.671	C	196+89.808	2.750	600.581	600.703
D	197+13.653	19.250	600.567	600.699	D	197+09.038	13.750	600.625	600.758	D	197+04.423	8.250	600.665	600.797	D	196+99.808	2.750	600.697	600.829
E	197+23.653	19.250	600.689	600.814	E	197+19.038	13.750	600.747	600.872	E	197+14.423	8.250	600.785	600.911	E	197+09.808	2.750	600.816	600.941
F	197+33.653	19.250	600.815	600.917	F	197+29.038	13.750	600.871	600.973	F	197+24.423	8.250	600.908	601.011	F	197+19.808	2.750	600.937	601.040
G	197+43.653	19.250	600.943	601.012	G	197+39.038	13.750	600.998	601.067	G	197+34.423	8.250	601.034	601.103	G	197+29.808	2.750	601.062	601.130
CL Brg.	197+55.236	19.250	601.095	601.116	CL Brg.	197+50.621	13.750	601.149	601.170	CL Brg.	197+46.006	8.250	601.183	601.204	CL Brg.	197+41.391	2.750	601.209	601.230
CL PIER 1	197+67.069	19.250	601.107	601.128	CL PIER 1	197+51.538	13.750	601.161	601.182	CL PIER 1	197+46.923	8.250	601.195	601.216	CL PIER 1	197+42.308	2.750	601.221	601.242
CL Brg.	197+77.069	19.250	601.120	601.140	CL Brg.	197+62.454	13.750	601.173	601.194	CL Brg.	197+57.839	8.250	601.207	601.228	CL Brg.	197+53.224	2.750	601.233	601.254
H	197+87.069	19.250	601.255	601.315	H	197+72.454	13.750	601.307	601.367	H	197+67.839	8.250	601.340	601.400	H	197+63.224	2.750	601.364	601.424
I	197+97.069	19.250	601.392	601.486	I	197+82.454	13.750	601.443	601.537	I	197+77.839	8.250	601.475	601.568	I	197+73.224	2.750	601.498	601.592
J	198+07.069	19.250	601.533	601.649	J	197+92.454	13.750	601.582	601.699	J	197+87.839	8.250	601.613	601.729	J	197+83.224	2.750	601.635	601.751
K	198+17.069	19.250	601.676	601.802	K	198+02.454	13.750	601.724	601.850	K	197+97.839	8.250	601.753	601.879	K	198+03.224	2.750	601.774	601.900
L	198+27.069	19.250	601.823	601.941	L	198+12.454	13.750	601.869	601.987	L	198+07.839	8.250	601.897	602.015	L	198+03.224	2.750	601.916	602.035
M	198+37.069	19.250	601.972	602.088	M	198+22.454	13.750	602.017	602.113	M	198+17.839	8.250	602.044	602.140	M	198+13.224	2.750	602.062	602.158
N	198+47.069	19.250	602.123	602.187	N	198+37.038	13.750	602.168	602.231	N	198+33.224	8.250	602.193	602.256	N	198+28.608	2.750	602.210	602.273
CL Brg.	198+57.069	19.250	602.291	602.312	CL Brg.	198+47.038	13.750	602.334	602.355	CL Brg.	198+42.423	8.250	602.358	602.379	CL Brg.	198+37.808	2.750	602.373	602.394
CL PIER 2	198+67.069	19.250	602.303	602.324	CL PIER 2	198+57.038	13.750	602.345	602.366	CL PIER 2	198+52.839	8.250	602.369	602.390	CL PIER 2	198+48.224	2.750	602.384	602.405
CL Brg.	198+77.069	19.250	602.315	602.335	CL Brg.	198+67.038	13.750	602.357	602.378	CL Brg.	198+62.639	8.250	602.381	602.402	CL Brg.	198+58.608	2.750	602.396	602.417
O	198+87.069	19.250	602.473	602.534	O	198+77.038	13.750	602.409	602.514	O	198+72.439	8.250	602.425	602.536	O	198+68.992	2.750	602.440	602.501
P	198+97.069	19.250	602.634	602.729	P	198+87.038	13.750	602.471	602.674	P	198+82.839	8.250	602.499	602.695	P	198+79.376	2.750	602.506	602.567
Q	198+107.069	19.250	602.798	602.916	Q	198+97.038	13.750	602.533	602.836	Q	198+97.839	8.250	602.527	602.856	Q	198+93.760	2.750	602.542	602.603
R	198+117.069	19.250	602.964	603.091	R	199+07.038	13.750	603.001	603.129	R	199+07.839	8.250	603.020	603.147	R	199+03.760	2.750	603.030	603.157
S	198+127.069	19.250	603.134	603.253	S	199+17.038	13.750	603.170	603.300	S	199+17.639	8.250	603.187	603.307	S	199+13.680	2.750	603.195	603.315
T	198+137.069	19.250	603.306	603.404	T	199+27.038	13.750	603.341	603.438	T	199+27.439	8.250	603.356	603.454	T	199+23.520	2.750	603.364	603.462
U	198+147.069	19.250	603.481	603.546	U	199+37.038	13.750	603.514	603.579	U	199+37.839	8.250	603.529	603.594	U	199+33.400	2.750	603.535	603.600
CL Brg.	198+157.069	19.250	603.677	603.698	CL Brg.	199+47.038	13.750	603.709	603.730	CL Brg.	199+47.639	8.250	603.722	603.743	CL Brg.	199+43.180	2.750	603.726	603.747
CL PIER 3	198+167.069	19.250	603.890	603.711	CL PIER 3	199+57.038	13.750	603.722	603.743	CL PIER 3	199+57.439	8.250	603.735	603.756	CL PIER 3	199+53.040	2.750	603.740	603.760
CL Brg.	198+177.069	19.250	603.704	603.725	CL Brg.	199+67.038	13.750	603.736	603.756	CL Brg.	199+67.839	8.250	603.748	603.769	CL Brg.	199+63.400	2.750	603.753	603.774
V	198+187.069	19.250	603.885	603.945	V	199+77.038	13.750	603.796	603.976	V	199+77.639	8.250	603.927	603.987	V	199+73.040	2.750	603.930	603.991
W	198+197.069	19.250	604.069	604.163	W	199+87.038	13.750	604.099	604.193	W	199+87.439	8.250	604.109	604.203	W	199+83.040	2.750	604.111	604.205
X	198+207.069	19.250	604.256	604.373	X	199+97.038	13.750	604.284	604.401	X	199+97.839	8.250	604.293	604.410	X	199+93.400	2.750	604.294	604.410
Y	198+217.069	19.250	604.446	604.572	Y	199+107.038	13.750	604.473	604.599	Y	199+107.639	8.250	604.481	604.606	Y	199+103.040	2.750	604.480	604.605
Z	198+227.069	19.250	604.639	604.757	Z	199+117.038	13.750	604.664	604.782	Z	199+117.439	8.250	604.671	604.789	Z	199+113.040	2.750	604.669	604.787
AA	198+237.069	19.250	604.835	604.931	AA	199+127.038	13.750	604.859	604.955	AA	199+127.839	8.250	604.864	604.960	AA	199+123.040	2.750	604.860	604.956
BB	198+247.069	19.250	605.033	605.096	BB	199+137.038	13.750	605.056	605.119	BB	199+137.639	8.250	605.059	605.123	BB	199+133.040	2.750	605.055	605.118
CL Brg.	200+02.736	19.250	605.251	605.272	CL Brg.	199+147.038	13.750	605.272	605.293	CL Brg.	199+147.439	8.250	605.275	605.295	CL Brg.	199+143.040	2.750	605.268	605.289
CL PIER 4	200+03.653	19.250	605.270	605.290	CL PIER 4	199+157.038	13.750	605.291	605.312	CL PIER 4	199+157.839	8.250	605.293	605.314	CL PIER 4	199+153.040	2.750	605.287	605.307
CL Brg.	200+04.569	19.250	605.288	605.309	CL Brg.	199+167.038	13.750	605.309	605.330	CL Brg.	199+167.639	8.250	605.311	605.332	CL Brg.	199+163.040	2.750	605.305	605.326
CC	200+14.569	19.250	605.493	605.555	CC	200+09.954	13.750	605.513	605.575	CC	200+09.839	8.250	605.513	605.576	CC	200+05.400	2.750	605.506	605.568
DD	200+24.569	19.250	605.700	605.798	DD	200+19.954	13.750	605.719	605.817	DD	200+19.739	8.250	605.718	605.816	DD	200+15.000	2.750	605.709	605.807
EE	200+34.569	19.250	605.911	606.033	EE	200+29.954	13.750	605.928	606.050	EE	200+29.639	8.250	605.926	606.048</					