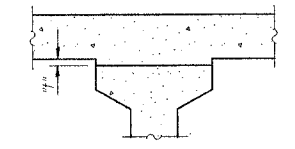


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

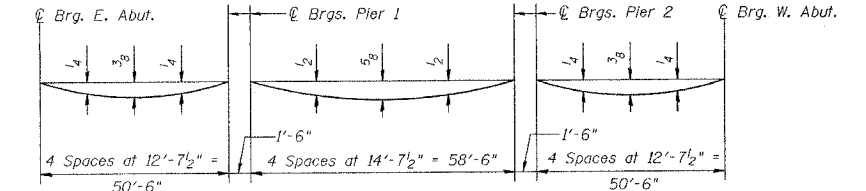
Sheet No. 3
of 16 Sheets

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SBI 88	I03C-BR	BUREAU	51	14
FED. ROAD DIST. NO.	ILLINOIS PROJECT	CONTRACT #64423		



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" minus slab thickness, equals the fillet heights "t" above top flanges of beams.

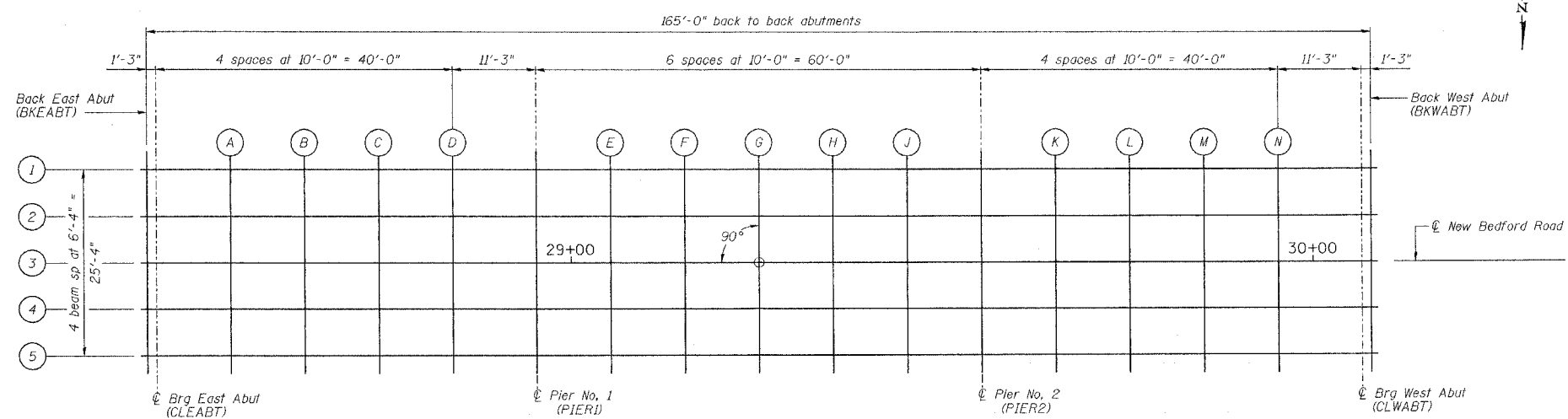
FILLET HEIGHTS



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.



PLAN

SCREED INFORMATION FOR BEAM OR GIRDER = BEAM 1

LINE	STATION	OFFSET	THEORETICAL GRADE ELEVATION	ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
BKEABT	2842.840	12.667	638.798	638.798
CLEABT	2844.090	12.667	638.801	638.801
A	2854.090	12.667	638.825	638.843
B	2864.090	12.667	638.847	638.876
C	2874.090	12.667	638.866	638.895
D	2884.090	12.667	638.883	638.903
PIER1	2895.340	12.667	638.900	638.900
E	2905.340	12.667	638.912	638.937
F	2915.340	12.667	638.921	638.966
G	2925.340	12.667	638.928	638.984
H	2935.340	12.667	638.933	638.978
J	2945.340	12.667	638.935	638.959
PIER2	2955.340	12.667	638.935	638.935
K	2965.340	12.667	638.933	638.950
L	2975.340	12.667	638.928	638.956
M	2985.340	12.667	638.920	638.950
N	2995.340	12.667	638.911	638.932
CLWABT	3006.590	12.667	638.897	638.897
BKWABT	3007.840	12.667	638.895	638.895

SCREED INFORMATION FOR BEAM OR GIRDER = BEAM 2

LINE	STATION	OFFSET	THEORETICAL GRADE ELEVATION	ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
BKEABT	2842.840	6.333	638.906	638.906
CLEABT	2844.090	6.333	638.909	638.909
A	2854.090	6.333	638.933	638.951
B	2864.090	6.333	638.955	638.984
C	2874.090	6.333	638.974	639.003
D	2884.090	6.333	638.991	639.011
PIER1	2895.340	6.333	639.008	639.008
E	2905.340	6.333	639.020	639.045
F	2915.340	6.333	639.029	639.074
G	2925.340	6.333	639.036	639.092
H	2935.340	6.333	639.041	639.086
J	2945.340	6.333	639.043	639.067
PIER2	2955.340	6.333	639.043	639.043
K	2965.340	6.333	639.041	639.058
L	2975.340	6.333	639.036	639.064
M	2985.340	6.333	639.028	639.058
N	2995.340	6.333	639.019	639.039
CLWABT	3006.590	6.333	639.005	639.005
BKWABT	3007.840	6.333	639.003	639.003

SCREED INFORMATION FOR BEAM OR GIRDER = BEAM 3, ROADWAY AND P.G.

LINE	STATION	OFFSET	THEORETICAL GRADE ELEVATION	ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
BKEABT	2842.840	0.000	639.005	639.005
CLEABT	2844.090	0.000	639.008	639.008
A	2854.090	0.000	639.032	639.050
B	2864.090	0.000	639.054	639.083
C	2874.090	0.000	639.073	639.102
D	2884.090	0.000	639.090	639.110
PIER1	2895.340	0.000	639.107	639.107
E	2905.340	0.000	639.119	639.144
F	2915.340	0.000	639.128	639.173
G	2925.340	0.000	639.135	639.191
H	2935.340	0.000	639.140	639.185
J	2945.340	0.000	639.142	639.166
PIER2	2955.340	0.000	639.142	639.142
K	2965.340	0.000	639.140	639.157
L	2975.340	0.000	639.135	639.163
M	2985.340	0.000	639.127	639.157
N	2995.340	0.000	639.118	639.139
CLWABT	3006.590	0.000	639.104	639.104
BKWABT	3007.840	0.000	639.102	639.102

SCREED INFORMATION FOR BEAM OR GIRDER = BEAM 4

LINE	STATION	OFFSET	THEORETICAL GRADE ELEVATION	ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
BKEABT	2842.840	-6.333	638.906	638.906
CLEABT	2844.090	-6.333	638.909	638.909
A	2854.090	-6.333	638.933	638.951
B	2864.090	-6.333	638.955	638.984
C	2874.090	-6.333	638.974	639.003
D	2884.090	-6.333	638.991	639.011
PIER1	2895.340	-6.333	639.008	639.008
E	2905.340	-6.333	639.020	639.045
F	2915.340	-6.333	639.029	639.074
G	2925.340	-6.333	639.036	639.092
H	2935.340	-6.333	639.041	639.086
J	2945.340	-6.333	639.043	639.067
PIER2	2955.340	-6.333	639.043	639.043
K	2965.340	-6.333	639.041	639.058
L	2975.340	-6.333	639.036	639.064
M	2985.340	-6.333	639.028	639.058
N	2995.340	-6.333	639.019	639.039
CLWABT	3006.590	-6.333	639.005	639.005
BKWABT	3007.840	-6.333	639.003	639.003

SCREED INFORMATION FOR BEAM OR GIRDER = BEAM 5

LINE	STATION	OFFSET	THEORETICAL GRADE ELEVATION	ELEVATION ADJUSTED FOR DEAD LOAD DEFLECTION
BKEABT	2842.840	-12.667	638.798	638.798
CLEABT	2844.090	-12.667	638.801	638.801
A	2854.090	-12.667	638.825	638.843
B	2864.090	-12.667	638.847	638.876
C	2874.090	-12.667	638.866	638.895
D	2884.090	-12.667	638.883	638.903
PIER1	2895.340	-12.667	638.900	638.900
E	2905.340	-12.667	638.912	638.937
F	2915.340	-12.667	638.921	638.966
G	2925.340	-12.667	638.928	638.984
H	2935.340	-12.667	638.933	638.978
J	2945.340	-12.667	638.935	638.959
PIER2	2955.340	-12.667	638.935	638.935
K	2965.340	-12.667	638.933	638.950
L	2975.340	-12.667	638.928	638.956
M	2985.340	-12.667	638.920	638.950
N	2995.340	-12.667	638.911	638.932
CLWABT	3006.590	-12.667	638.897	638.897
BKWABT	3007.840	-12.667	638.895	638.895

NEW BEDFORD ROAD OVER GREEN RIVER

DECK ELEVATIONS

REVISIONS		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS		DRAWN BY DATE R King 4/04	
NO.	DATE	INITIALS		CHECKED BY DATE CMV 4/04	
1				DESIGNED BY DATE BWP 4/04	
2				BOOK NUMBER	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

SBI 88 SPUR SECTION I03C-BR
STA 29+25.34 SN 006-0163 BUREAU COUNTY
HOMER L. CHASTAIN & ASSOCIATES, LLP
CONSULTING ENGINEERS
184-001397
PROJECT NO. 4858-1
SHEET NO.