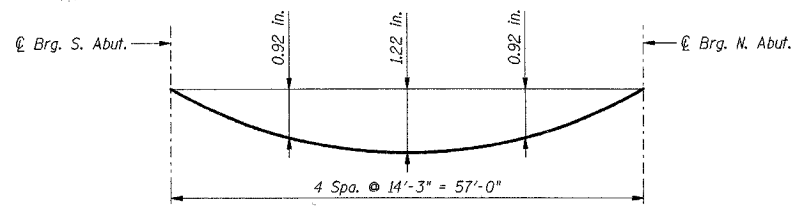


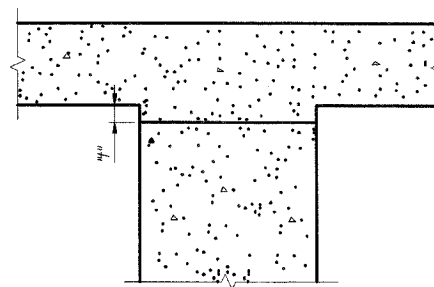
PLAN



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete deck, 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 shown on this sheet.



FILLET HEIGHTS

To determine "h": After all hybrid-composite beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted For Dead Load Deflection" shown on this sheet, minus the slab thickness, equals the fillet heights "h" above the top flanges of the beams.

BEAM 1

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk. S. Abut.	9+75.83	-18.33	612.06	612.06
CL. Of S. Brg.	9+79.00	-18.33	611.94	611.94
A	9+89.00	-18.33	611.57	611.63
B	9+99.00	-18.33	611.21	611.31
C	10+09.00	-18.33	610.87	610.97
D	10+19.00	-18.33	610.55	610.63
E	10+29.00	-18.33	610.24	610.28
CL. Of N. Brg.	10+36.00	-18.33	610.03	610.03
Bk. N. Abut.	10+39.17	-18.33	609.94	609.94

BEAM 2

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk. S. Abut.	9+75.83	-11.00	612.20	612.20
CL. Of S. Brg.	9+79.00	-11.00	612.08	612.08
A	9+89.00	-11.00	611.71	611.77
B	9+99.00	-11.00	611.36	611.45
C	10+09.00	-11.00	611.02	611.12
D	10+19.00	-11.00	610.69	610.78
E	10+29.00	-11.00	610.38	610.43
CL. Of N. Brg.	10+36.00	-11.00	610.17	610.17
Bk. N. Abut.	10+39.17	-11.00	610.08	610.08

P.G.L. HIGH ROAD

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk. S. Abut.	9+75.83	0.00	612.42	612.42
CL. Of S. Brg.	9+79.00	0.00	612.30	612.30
A	9+89.00	0.00	611.93	611.99
B	9+99.00	0.00	611.58	611.67
C	10+09.00	0.00	611.24	611.34
D	10+19.00	0.00	610.91	611.00
E	10+29.00	0.00	610.60	610.65
CL. Of N. Brg.	10+36.00	0.00	610.39	610.39
Bk. N. Abut.	10+39.17	0.00	610.30	610.30

BEAM 5

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk. S. Abut.	9+75.83	11.00	612.20	612.20
CL. Of S. Brg.	9+79.00	11.00	612.08	612.08
A	9+89.00	11.00	611.71	611.77
B	9+99.00	11.00	611.36	611.45
C	10+09.00	11.00	611.02	611.12
D	10+19.00	11.00	610.69	610.78
E	10+29.00	11.00	610.38	610.43
CL. Of N. Brg.	10+36.00	11.00	610.17	610.17
Bk. N. Abut.	10+39.17	11.00	610.08	610.08

BEAM 3

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk. S. Abut.	9+75.83	-3.67	612.35	612.35
CL. Of S. Brg.	9+79.00	-3.67	612.23	612.23
A	9+89.00	-3.67	611.86	611.92
B	9+99.00	-3.67	611.51	611.60
C	10+09.00	-3.67	611.17	611.27
D	10+19.00	-3.67	610.84	610.93
E	10+29.00	-3.67	610.53	610.57
CL. Of N. Brg.	10+36.00	-3.67	610.32	610.32
Bk. N. Abut.	10+39.17	-3.67	610.23	610.23

BEAM 4

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk. S. Abut.	9+75.83	3.67	612.35	612.35
CL. Of S. Brg.	9+79.00	3.67	612.23	612.23
A	9+89.00	3.67	611.86	611.92
B	9+99.00	3.67	611.51	611.60
C	10+09.00	3.67	611.17	611.27
D	10+19.00	3.67	610.84	610.93
E	10+29.00	3.67	610.53	610.57
CL. Of N. Brg.	10+36.00	3.67	610.32	610.32
Bk. N. Abut.	10+39.17	3.67	610.23	610.23

BEAM 6

Location	Station	Offset	Theoretical Grade Elevation	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk. S. Abut.	9+75.83	18.33	612.06	612.06
CL. Of S. Brg.	9+79.00	18.33	611.94	611.94
A	9+89.00	18.33	611.57	611.63
B	9+99.00	18.33	611.21	611.31
C	10+09.00	18.33	610.87	610.97
D	10+19.00	18.33	610.55	610.63
E	10+29.00	18.33	610.24	610.28
CL. Of N. Brg.	10+36.00	18.33	610.03	610.03
Bk. N. Abut.	10+39.17	18.33	609.94	609.94

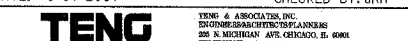
SHT. S-04 OF 28

REVISIONS	
NAME	DATE

LOCKPORT TOWNSHIP HIGHWAY DEPARTMENT
 TR216A HIGH ROAD OVER LONG RUN CREEK
 SECTION 02-11106-01-BR

TOP OF DECK ELEVATIONS

SCALE: DRAWN BY: KK
 DATE: 9-07-2007 CHECKED BY: JRH



ERW/BC

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