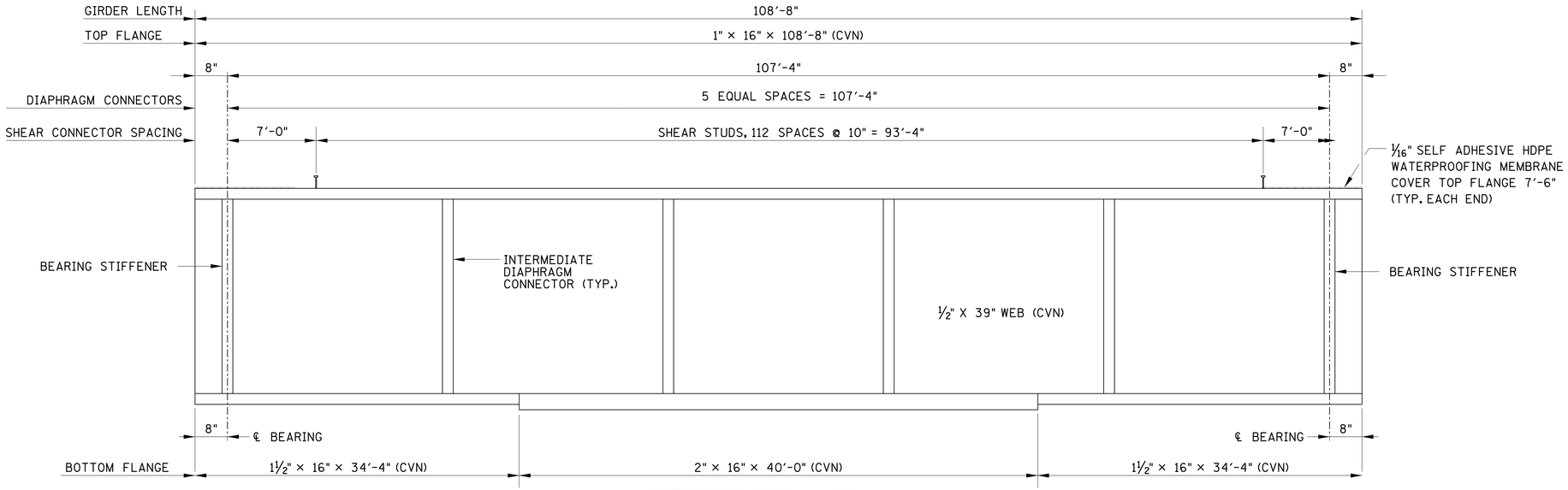

GIRDERS SPAN #3

	Girder Dead Load		Slab Dead Load		Total Composite	
Location	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
0.0	0.000	0	0.000	0	0.000	0
0.1	0.447	7/16	1.606	1 5/8	2.411	2 7/16
0.2	0.844	7/8	3.031	3	4.550	4 9/16
0.3	1.149	1 1/8	4.128	4 1/8	6.194	6 3/16
0.4	1.336	1 5/16	4.800	4 13/16	7.201	7 3/16
0.5	1.397	1 3/8	5.028	5	7.540	7 9/16
0.6	1.331	1 5/16	4.800	4 13/16	7.196	7 3/16
0.7	1.141	1 1/8	4.128	4 1/8	6.186	6 3/16
0.8	0.839	13/16	3.031	3	4.545	4 9/16
0.9	0.445	7/16	1.606	1 5/8	2.409	2 7/16
1.0	0.000	0	0.000	0	0.000	0

DEFLECTIONS FOR GIRDERS SPACED AT 8'-3"

	Girder Dead Load		Slab Dead Load		Total Dead Load	
Location	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
0.0	0.000	0	0.000	0	0.000	0
0.1	0.447	7/16	1.176	1 3/16	2.020	2
0.2	0.844	7/8	2.220	2 1/4	3.813	3 13/16
0.3	1.149	1 1/8	3.023	3	5.190	5 3/16
0.4	1.336	1 5/16	3.515	3 1/2	6.033	6 1/16
0.5	1.397	1 3/8	3.682	3 11/16	6.316	6 5/16
0.6	1.331	1 5/16	3.515	3 1/2	6.028	6
0.7	1.141	1 1/8	3.023	3	5.182	5 3/16
0.8	0.839	13/16	2.220	2 1/4	3.808	3 13/16
0.9	0.445	7/16	1.176	1 3/16	2.018	2
1.0	0.000	0	0.000	0	0.000	0

DEFLECTIONS FOR GIRDERS SPACED AT 6'-0"

CONST. NO. 19005-3161-44

PROJECT NO.	YEAR	SHEET NO.
BH-I-40-4(86)	2015	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	2/27/15	GSP	REFORMATED DEFLECTION DATA

DESIGNED BY GRESHAM SMITH & PARTNERS DATE 2/09/2015
DRAWN BY G.YOUNG DATE 1/2015
SUPERVISED BY T. KNIAZEWYCZ DATE 1/2015
CHECKED BY T. KNIAZEWYCZ DATE 2/2015

GRESHAM SMITH AND PARTNERS

TED A. KNIAZEWYCZ REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 020757 STATE OF TENNESSEE

BRIDGE NO. 1
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GIRDER SHEET - SPAN 3

I-40 OVER
HERMAN STREET
AND NWRR
BR. NO. 19-I0040-16.62
DAVIDSON COUNTY
2015

BR-119-11

knlazet
Q:\2807115\b\Bridge A Herman\Bridge 1\8071b15ag3.sht
3/7/2015
PRF