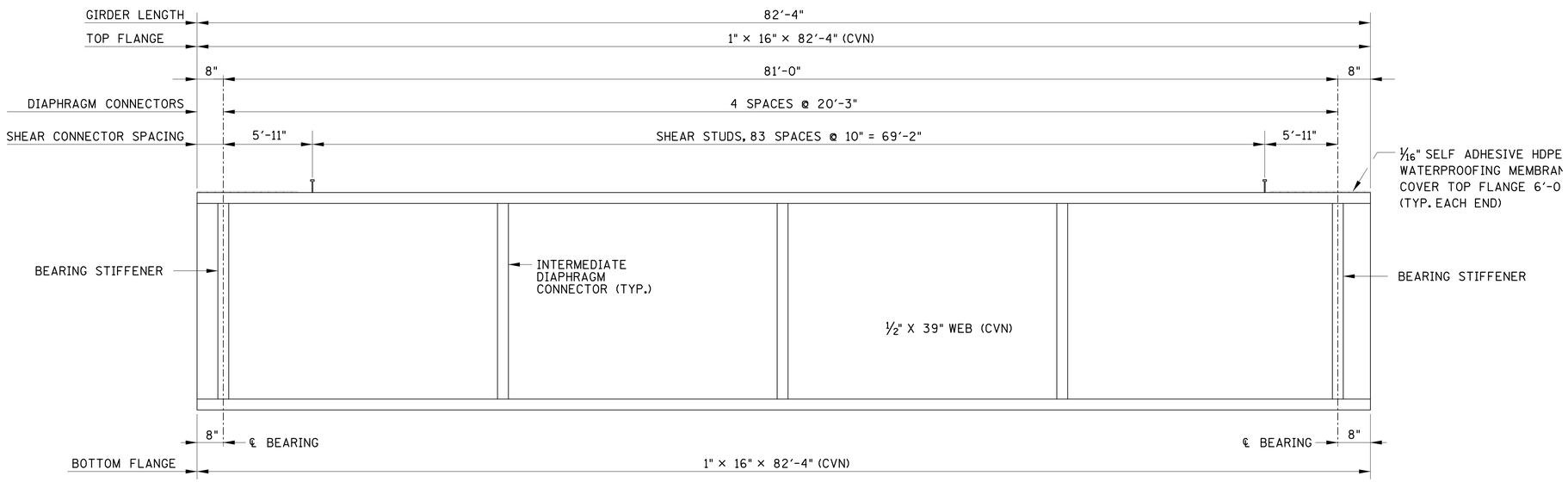
CONST. NO. 19005-3161-44

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



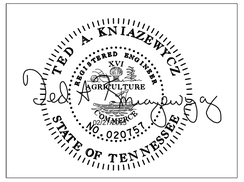
GIRDERS SPAN #2

	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	0.149	1/8	0.637	5/8	0.935	15/16
0.2	0.282	5/16	1.206	1 3/16	1.772	1 3/4
0.3	0.387	3/8	1.652	1 5/8	2.428	2 7/16
0.4	0.453	7/16	1.935	1 15/16	2.843	2 13/16
0.5	0.476	1/2	2.032	2 1/16	2.985	3
0.6	0.453	7/16	1.935	1 15/16	2.843	2 13/16
0.7	0.387	3/8	1.652	1 5/8	2.428	2 7/16
0.8	0.282	5/16	1.206	1 3/16	1.772	1 3/4
0.9	0.149	1/8	0.637	5/8	0.935	15/16
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	0.149	1/8	0.467	7/16	0.780	3/4
0.2	0.282	5/16	0.883	7/8	1.476	1 1/2
0.3	0.387	3/8	1.210	1 3/16	2.022	2
0.4	0.453	7/16	1.417	1 7/16	2.369	2 3/8
0.5	0.476	1/2	1.488	1 1/2	2.487	2 1/2
0.6	0.453	7/16	1.417	1 7/16	2.369	2 3/8
0.7	0.387	3/8	1.210	1 3/16	2.022	2
0.8	0.282	5/16	0.883	7/8	1.476	1 1/2
0.9	0.149	1/8	0.467	7/16	0.780	3/4
1.0	0.000	0	0.000	0	0.000	0

DEFLECTIONS FOR GIRDERS SPACED AT 6'-0"



BRIDGE NO. 1

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GIRDER SHEET - SPAN 2

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

BR-119-10

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

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3/7/2015
PRF