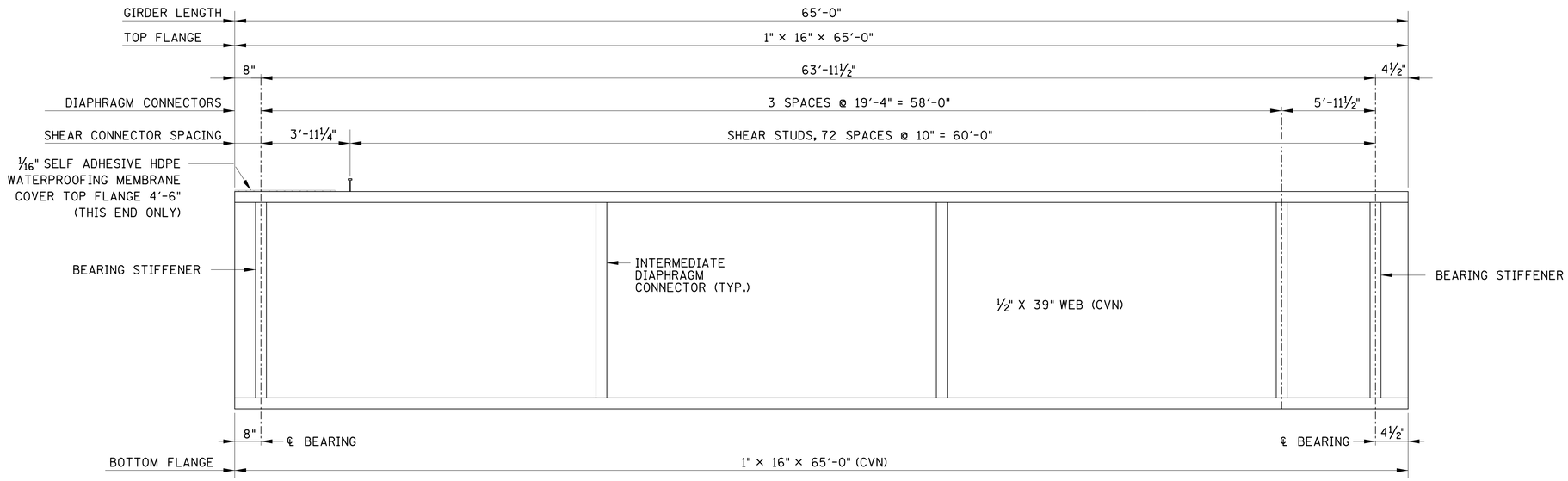
CONST. NO. 19005-3161-44

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

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	2/12/15	GSP	UPDATED DIMENSIONS
2	2/27/15	GSP	UPDATED DIMENSIONS & DEFLECTION FORMAT



2 1 GIRDERS SPAN #4

	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	0.065	1/16	0.276	1/4	0.406	3/8
0.2	0.122	1/8	0.523	1/2	0.768	3/4
0.3	0.168	3/16	0.716	11/16	1.052	1 1/16
0.4	0.196	3/16	0.839	13/16	1.233	1 1/4
0.5	0.206	3/16	0.881	7/8	1.294	1 5/16
0.6	0.196	3/16	0.839	13/16	1.233	1 1/4
0.7	0.168	3/16	0.716	11/16	1.052	1 1/16
0.8	0.122	1/8	0.523	1/2	0.768	3/4
0.9	0.065	1/16	0.276	1/4	0.406	3/8
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	0.065	1/16	0.202	3/16	0.323	5/16
0.2	0.122	1/8	0.383	3/8	0.613	5/8
0.3	0.168	3/16	0.525	1/2	0.839	13/16
0.4	0.196	3/16	0.615	5/8	0.982	1
0.5	0.206	3/16	0.645	5/8	1.031	1
0.6	0.196	3/16	0.615	5/8	0.982	1
0.7	0.168	3/16	0.525	1/2	0.839	13/16
0.8	0.122	1/8	0.383	3/8	0.613	5/8
0.9	0.065	1/16	0.202	3/16	0.323	5/16
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 4

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

BR-119-12

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