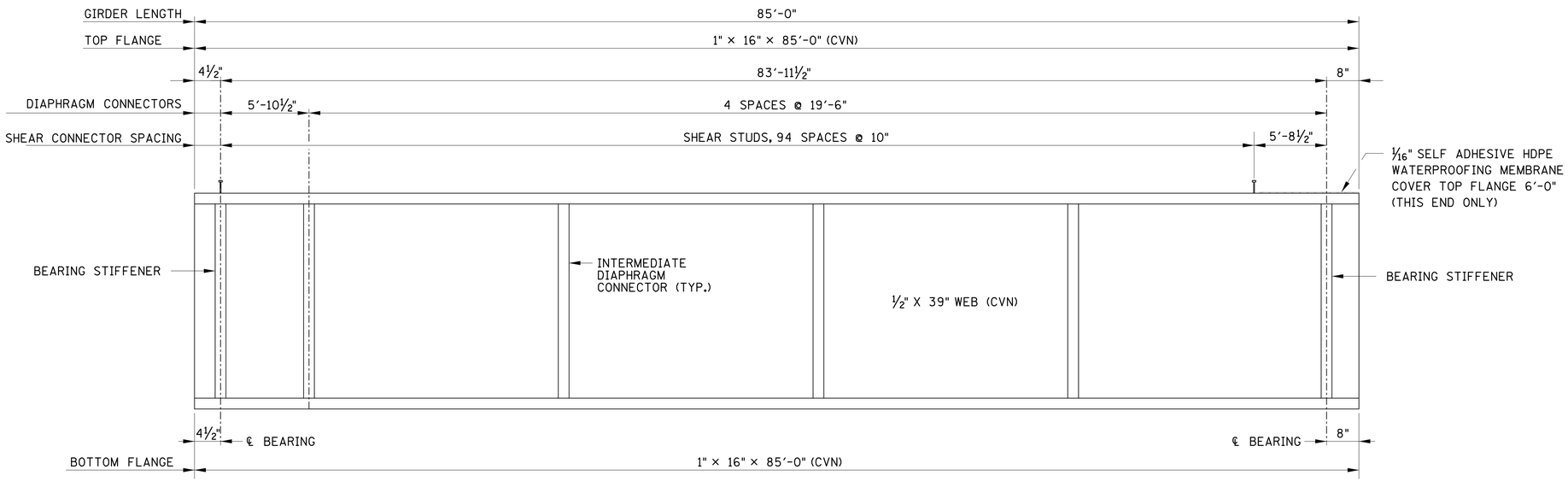
CONST. NO. 19005-3161-44

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	REFORMATED DEFLECTION DATA



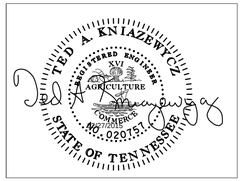
1 GIRDERS SPAN #1

	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	0.182	3/16	0.779	3/4	1.144	1 1/8
0.2	0.345	3/8	1.474	1 1/2	2.166	2 3/16
0.3	0.472	1/2	2.019	2	2.966	2 15/16
0.4	0.553	9/16	2.365	2 3/8	3.473	3 1/2
0.5	0.581	9/16	2.483	2 1/2	3.648	3 5/8
0.6	0.553	9/16	2.365	2 3/8	3.473	3 1/2
0.7	0.472	1/2	2.019	2	2.966	2 15/16
0.8	0.345	3/8	1.474	1 1/2	2.166	2 3/16
0.9	0.182	3/16	0.779	3/4	1.144	1 1/8
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	0.182	3/16	0.779	3/4	1.144	1 1/8
0.2	0.345	3/8	1.474	1 1/2	2.166	2 3/16
0.3	0.472	1/2	2.019	2	2.966	2 15/16
0.4	0.553	9/16	2.365	2 3/8	3.473	3 1/2
0.5	0.581	9/16	2.483	2 1/2	3.648	3 5/8
0.6	0.553	9/16	2.365	2 3/8	3.473	3 1/2
0.7	0.472	1/2	2.019	2	2.966	2 15/16
0.8	0.345	3/8	1.474	1 1/2	2.166	2 3/16
0.9	0.182	3/16	0.779	3/4	1.144	1 1/8
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 1

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

BR-119-09

knIazet
Q:\2807115\b\Bridge A Herman\Bridge 1\8071b15ag1.sht

3/7/2015
PRF

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

GS&P
GRESHAM SMITH AND PARTNERS