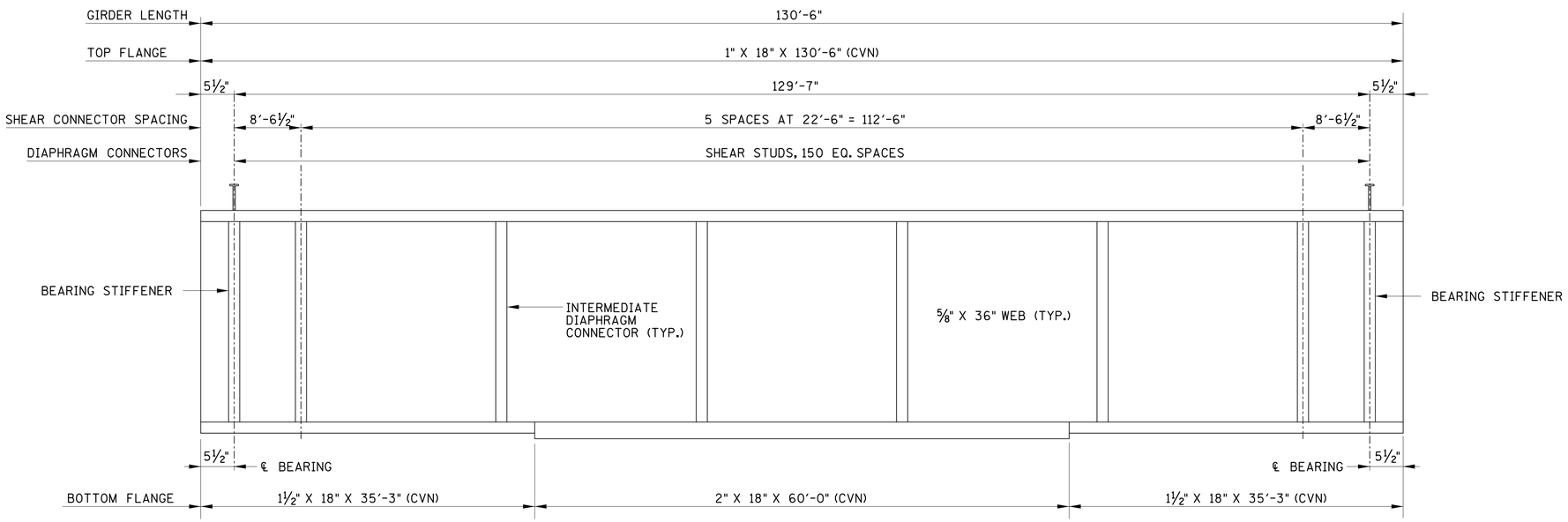
CONST. NO. 19005-3161-44

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

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



GIRDERS SPAN #1

Span	Non-Composite Loads						Composite Loads					
Point	Girder Dead Load		Slab Dead Load		Total Non Comp		Comp DL (non-wear)		Comp DL (wear)		Total Composite	
Location	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
0.0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0
0.1	0.979	1	2.865	2 7/8	3.844	3 7/8	0.176	3/16	0.476	1/2	0.652	5/8
0.2	1.838	1 13/16	5.396	5 3/8	7.234	7 1/4	0.331	5/16	0.895	7/8	1.226	1 1/4
0.3	2.508	2 1/2	7.335	7 5/16	9.843	9 13/16	0.450	7/16	1.214	1 3/16	1.664	1 11/16
0.4	2.919	2 15/16	8.560	8 9/16	11.479	11 1/2	0.524	1/2	1.415	1 7/16	1.939	1 15/16
0.5	3.057	3 1/16	8.980	9	12.037	12 1/16	0.550	9/16	1.484	1 1/2	2.034	2 1/16
0.6	2.911	2 15/16	8.560	8 9/16	11.471	11 1/2	0.524	1/2	1.415	1 7/16	1.939	1 15/16
0.7	2.492	2 1/2	7.335	7 5/16	9.827	9 13/16	0.450	7/16	1.214	1 3/16	1.664	1 11/16
0.8	1.838	1 13/16	5.396	5 3/8	7.234	7 1/4	0.331	5/16	0.895	7/8	1.226	1 1/4
0.9	0.972	1	2.865	2 7/8	3.837	3 13/16	0.176	3/16	0.476	1/2	0.652	5/8
1.0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0

DEAD LOAD CORRECTION DATA

BRIDGE NO. 5

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GIRDER DETAILS

I-40
OVER
CHARLOTTE AVE.
BR. NO. 19-I0040-17.09
DAVIDSON COUNTY
2015

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

BR-119-184

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2/12/2015
PRF