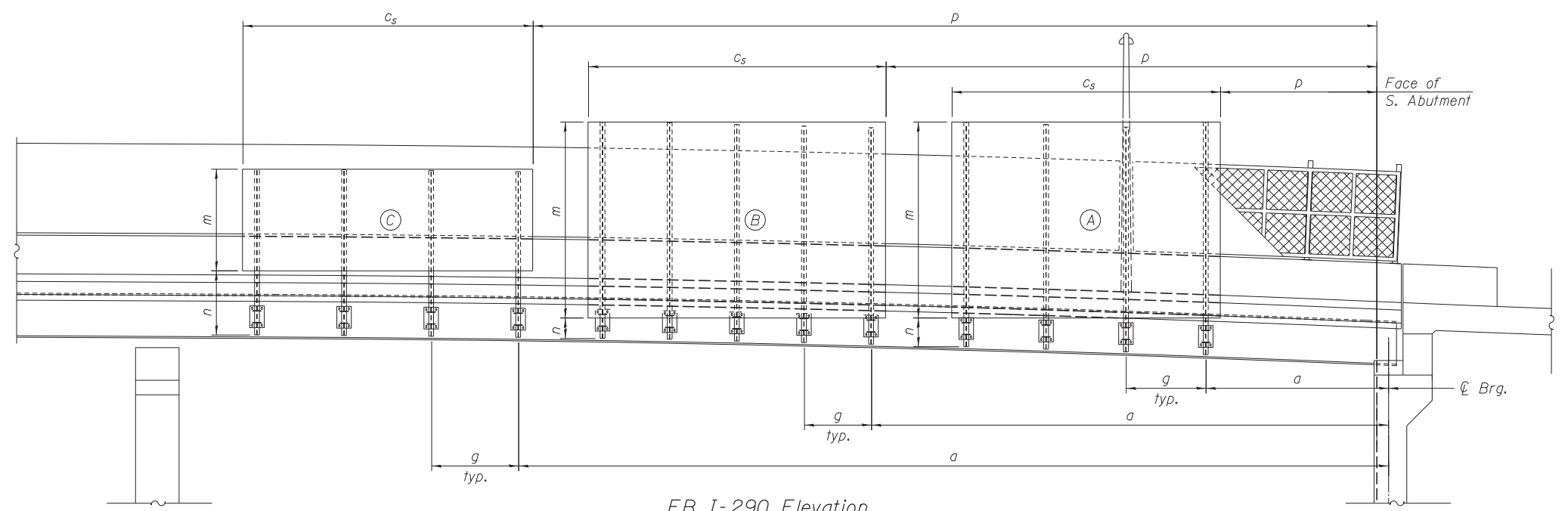
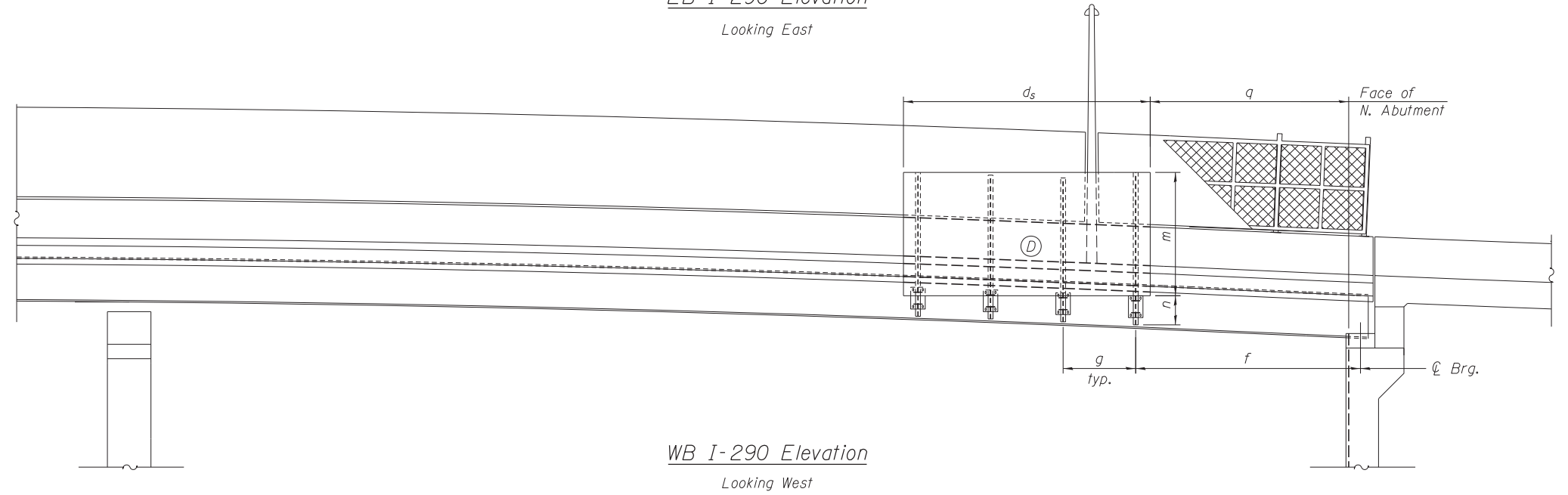


SECTION A-A



EB I-290 Elevation
Looking East



WB I-290 Elevation
Looking West

Structure Number	Bridge Station	h	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m (15'-0" max.)	n (1'-5" min.)
IB0161290L029.5A	3603+53.74	*	1'-11"	1'-4 1/4"	3'-5"	1'-0"	13'-6"	*
IB0161290L029.5B	3603+77.80	14'-11"	1'-11"	1'-4 1/4"	3'-5"	1'-0"	13'-6"	*
IB0161290L029.5C	3604+01.86	11'-5"	1'-11"	1'-4 1/4"	3'-5"	1'-0"	7'-0"	*
IB0161290R029.5D	3605+48.56	*	1'-11"	1'-4 1/4"	3'-5"	1'-0"	8'-6"	*

* varies, see table below

Structure Number	h ₁	h ₂	h ₃	h ₄	h ₅	n ₁	n ₂	n ₃	n ₄	n ₅
IB0161290L029.5A	16'-0 1/4"	15'-5 3/4"	15'-5 3/4"	15'-5 3/4"	-	2'-6 1/4"	2'-4"	2'-1 3/4"	1'-11 3/4"	-
IB0161290L029.5B	14'-11"	14'-11"	14'-11"	14'-11"	14'-11"	1'-9 3/4"	1'-8 1/4"	1'-7"	1'-5 1/2"	1'-5"
IB0161290L029.5C	11'-5"	11'-5"	11'-5"	11'-5"	-	4'-7"	4'-6"	4'-5 1/2"	4'-5"	-
IB0161290R029.5D	9'-11"	9'-11"	9'-11"	10'-6"	-	1'-5"	1'-7 1/4"	1'-9 1/2"	2'-0"	-

h₁/n₁ corresponds with the most southern bracket, then ascending to the most northern bracket h₄/n₄.

NOTES:

- Installations not within dimensional limits shown require special analysis for all components and must be submitted to the Bureau of Bridges and Structures for approval.
- Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings.
- All holes in bridge beams or girders should be located in the middle half of the member. There shall be no holes drilled in the lower quarter of the member's depth. Proposed exceptions must be approved by the Bureau of Bridges and Structures.
- The Engineer may adjust dimension "i" to meet the above condition and to keep the sign level.
- For Details A, & B, Sections C-C, and E-E, see Sheet SSM-3.

FILE PATH = C:\Users\will.mardous\Desktop\Sign_Structures\016129025-Sht-SignStruct02-Morgan2.dgn

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DESIGNED - MI, MWM
DRAWN - MWM
CHECKED - MAI, MI
DATE - 6/17/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES AND CONNECTION DETAILS
STRUCTURE NO. 016-1709

F.A.I. RTE. 90/94/290	SECTION 2013-007R	COUNTY COOK	TOTAL SHEETS 317	SHEET NO. 117
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

SCALE: SHEET SSM-2 OF 3 SHEETS STA. TO STA.