



CALCULATION PLAN

Line	LEN A	LEN BL1	LEN BL2	LEN B	LEN CL	LEN C	LEN D	GRADE				
								Abut 1	Pier 1	Pier 2	Pier 3	Abut 2
1	41'-2 15/16	20'-0 1/8	91'-5 5/16	131'-5 1/2	80'-5	100'-5	60'-10 7/16	-0.070	-0.125	-0.128	-0.158	-0.213
2	40'-11 1/4	20'-0	90'-10 3/16	130'-10 3/16	79'-5 13/16	99'-5 15/16	59'-10	-0.075	-0.124	-0.129	-0.148	-0.201
3	40'-7 3/4	20'-0 1/16	90'-3 3/16	130'-3 5/16	78'-7 1/4	98'-7 3/8	58'-10 5/16	-0.072	-0.123	-0.128	-0.143	-0.192
4	40'-4 1/4	20'-0 1/16	89'-8 1/2	129'-8 5/8	77'-9 1/8	97'-9 3/16	57'-11 3/16	-0.073	-0.122	-0.127	-0.139	-0.186
5	40'-0 15/16	20'-0 1/16	89'-2 1/16	129'-2 3/16	76'-11 3/8	96'-11 7/16	57'-0 3/4	-0.064	-0.122	-0.130	-0.138	-0.179

**** NOTE ****
 THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DWG IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION.

- NOTES
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOTTS OF WEB WITH CORRECTIONS MADE FOR VERTICAL CURVE, GRADE & DL CAMBER (UN).
 2. TRANSVERSE DIMENSIONS ARE IN A HORIZ. PLANE (UN).
 3. DROP ARROW POINTS TOWARDS LOW END OF MEMBER.
 4. ENDS OF GIRDERS AND BRG. STIFFS ARE VERTICAL AFTER DL ROTATION.
 5. CF STIFF, INT STIFF & FIELD SPLICES ARE NORMAL TO GRADE.
 6. BOTTS PT NUMBERS *TOP PT NUMBERS + 300.
 7. FOR LAYOUTS SEE *TD* SHEETS.
 8. CROSSFRAME DROPS ARE CALCULATED IN THE 70% CAMBERED SHAPE OF THE BRIDGE.

REV. DATE	REMARKS	DWN CHK	APVL	SHOP
MATERIAL:		SURFACE PREP. & PAINT:		HOLES:
				AS NOTED
DESCRIPTION:		CALCULATION PLAN		
CASCO BAY STEEL STRUCTURES, INC.				
75 SPRING HILL ROAD SACO, MAINE 04072				
PHONE (207) 282-7360 FAX. (207) 282-1179				
STRUCTURE:	U.S. 5 over I-91	DRAWN:	SOB	DATE:
	Bridge No. 19A			12/24
	Putney	CHKD:	PCP	DATE:
	County of Windham			01/07
LOCATION:	Putney	JOB NO.	438	DWG NO.
PROJ NO.	IM 091-(31)			WS1
CUSTOMER:	VT ROT			REV. Δ

DATE: 12/24/10
 DRAWN BY: SOB
 CHECKED BY: PCP
 APPROVED BY: [Signature]
 PROJECT: CASCO BAY BRIDGE
 SHEET: 1 OF 1