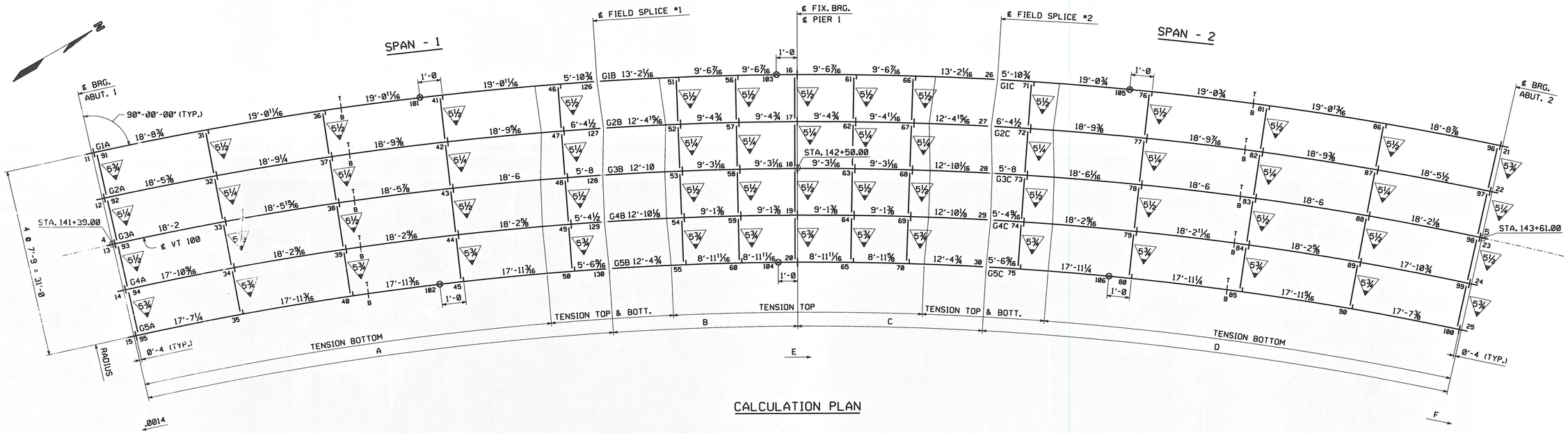
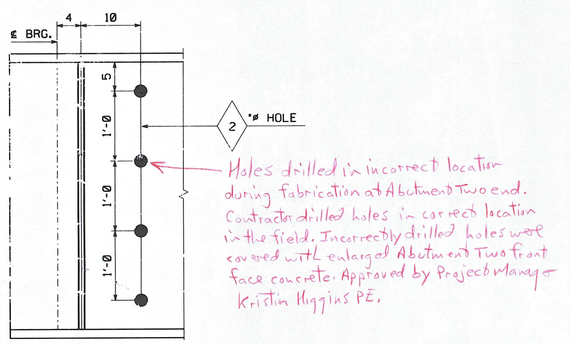
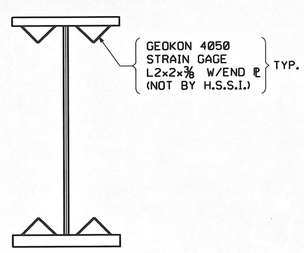


CALCULATION PLAN



WEB LAYOUT

(ABUT. 1 SHOWN, ABUT. 2 SIMILAR)



STRAIN GAGE DETAIL

⊗ INDICATES LOCATION OF STRAIN GAGE (GROUP OF 4)

(WELDED BY HSSI USING GEOKON JIG & INSTALLATION INSTRUCTIONS)

LINE	RADIUS	A	B	C	D	E	F
G1	[illegible]-9 5/8	82'-1 5/16	32'-2 15/16	32'-2 15/16	82'-1 15/16	.0179	.0371
G2	[illegible]-0 5/8	81'-5 13/16	31'-2 7/16	31'-2 7/8	81'-6 7/16	.0182	.0377
G3	[illegible]-3 5/8	79'-7 13/16	31'-4 1/8	31'-4 3/16	79'-8 3/16	.0185	.0383
G4	[illegible]-6 5/8	78'-2 13/16	31'-0 7/8	31'-0 7/8	78'-3 7/16	.0187	.0389
G5	45[illegible]-9 5/8	77'-3 3/8	30'-4 1/8	30'-4 1/16	77'-[illegible]	.0190	.0395

NOTES:

DIMENSIONS ON PLAN ALONG GIRDERS ARE GIVEN TO THE CHORD AT THE BOTTOM OF WEB IN FULLY CAMBERED POSITION. ALL OTHER DIMENSIONS ARE GIVEN HORIZONTALLY.
DIMENSIONS PLACED ON THE GIRDER LINES REPRESENT CROSSFRAME SPACING.
FIGURES GIVEN THUS: .0014 ARE THE GRADES OF THE GIRDERS AT THE BEARINGS IN FINAL POSITION; ARROW POINTS DOWNGRADE.
ALL STIFFENER AND CONNECTION PLATE SPACINGS ARE GIVEN TO ℄ PLATE.
ENDS OF GIRDERS AND ALL BEARING STIFFENERS TO BE VERTICAL IN FINAL POSITION.
ALL STEEL TO BE ASTM A709 GRADE 50W (U.N.).
ALL FIELD CONNECTIONS TO BE MADE WITH 7/8"ø H.S. (AASHTO M164 TYPE 3) BOLTS IN 15/16"ø HOLES. (U.N.).
FIGURES GIVEN THUS: △ 0.38 ARE THE DIFFERENCES IN ELEVATIONS OF GIRDERS (IN THE PLANE OF THE CROSSFRAME IN FINAL POSITION) AT CROSSFRAMES; ARROW POINTS TOWARD LOW GIRDER.
FOR TYPICAL DETAIL LAYOUTS, SEE DRAWINGS PREFIXED "TD".

••NOTE••
THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DRAWING IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION. THIS DRAWING IS FOR REFERENCE ONLY, APPROVAL IS NOT REQUIRED.

RECEIVED
CK'D BY 1 4 OK'D BY JEB
AUG 1 8 2008
RESUBMIT ____ APPROVED ✓
BY KMH DATE 8/19/08

NO.	REVISION	BY	CHK'D	DATE
△				
△				
△				

HIGH STEEL STRUCTURES INC.
An ISO 9001:2000 Certified Company — An Affiliate of High Industries Inc.
Lancaster Facility: 1915 Old Philadelphia Pike, Lancaster, PA 17602-2008, Phone (717) 299-5211
Williamsport Facility: 3501 W. 4th Street, Williamsport, PA 17701, Phone (570) 326-9051
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HOLES | BOLTS | COATING | CODE(S) | SCALE N.T.S.

WORKSHEET ~ CALCULATION PLAN
VT ROUTE 100 (MINOR ARTERIAL) OVER WHITE RIVER
VT ROUTE 100 STA. 141+39.00 TO STA. 143+61.00
TOWN OF STOCKBRIDGE, COUNTY OF WINDSOR, VERMONT
STATE OF VERMONT
AGENCY OF TRANSPORTATION

STATE CONT. OR REF. NO.	PROJECT NO. (STP) BRF 013-4(21)	FED. AID PROJ. NO.	
GENERAL CONTRACTOR	WINTERSET, INC.	HSSI PROJ. MGR	DEB KUPRES
SHPMT 1	DRAWING MANAGER: KREIDER (IH)	MADE BY: SSL	CHK'D. BY: CS	DATE: 6-17-08
STATE VT	HSSI PROJECT NUMBER: S-1080077	HSSI STRUCT. ID: A	DRAWING NUMBER: WS1 OF WS1

1080077A X2 8/7/08 8/Resubmit For Approval TO:Winterset, Inc.