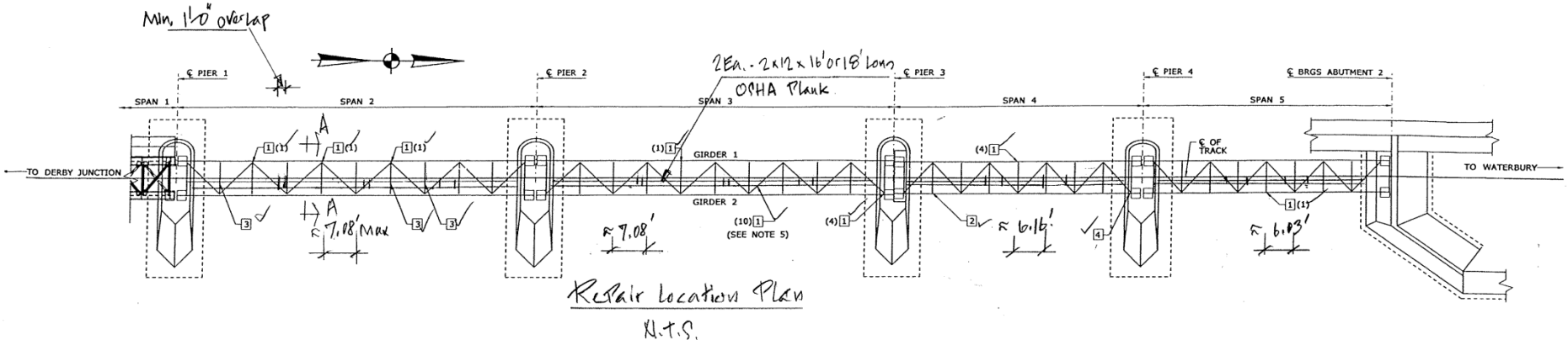
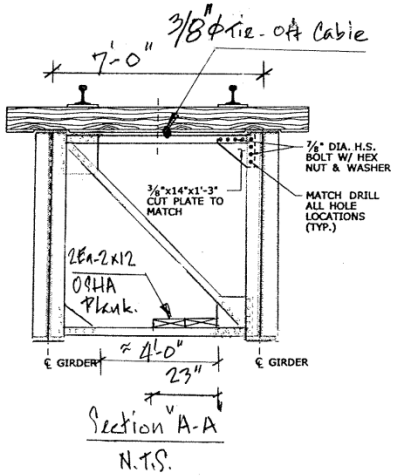
Fall Protection System drawing submitted





Access to Structural Steel Repairs & Replace Missing Bolts/Rivets

1. Manlift positioned at Span 1will be used to bring up OSHA planks to the Railroad Bridge at Span 2. Allowable load for the plank is 75 PSF for a maximum spacing of 9' (see attached technical data). Maximum spacing of the horizontal bracing on this bridge is approximately 7' on center.
2. Two of 2"x12" x 16'or 18' long OSHA planks, placed side by side on top of the bottom bracing, will be used as an access to work areas from Span 2 to Span 4. They will be tied down to the bottom bracing using No. 9 tie wire. At least 2' overlap for staggering is required.
3. Planks' location can be adjusted to accommodate work areas.
4. For fall protection, a 3/8" diameter tie off cable will be placed on top of the top horizontal bracing for workers to tie off during the operations.
5. Cables and planks will be removed off site once the operation is completed.

Obscured

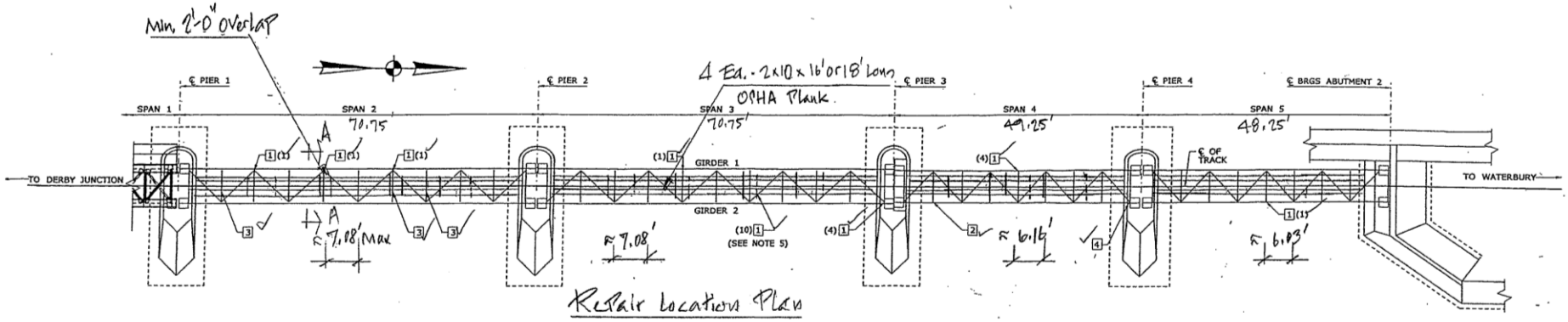
EAST GRANBY, CONNECTICUT

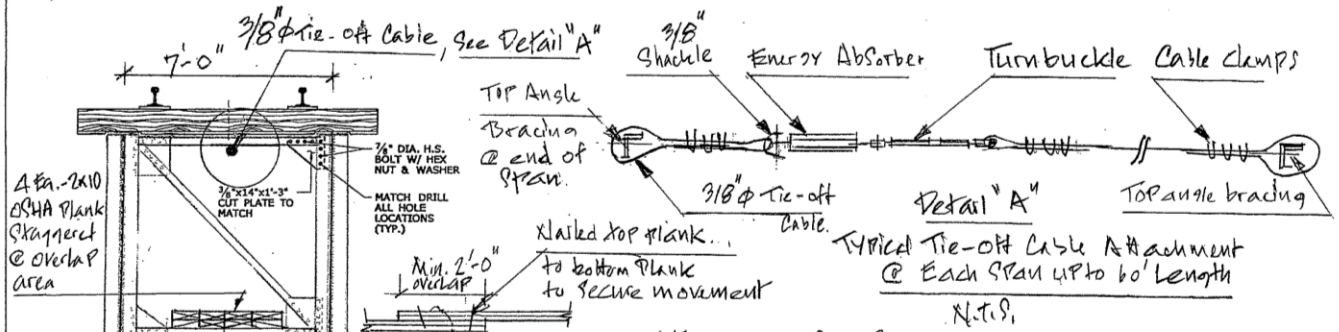
CONNDOT PROJECT 304-008
Town of Seymour, Connecticut

Item 0603801A-Structural Steel Repairs Site No. 1
Item 0603659A-Replace Removed/Missing Rivets & Bolts with HS Bolts
Work Access Platforms

Contractor: MIG	Engineer: Lochner
Drawn by S.J.M. Date: 7-24-12	Drwg. No. 239-WA1

Then we asked to see the engineered drawing





Access to Structural Steel Repairs & Replace Missing Bolts/Rivets

1. Manlift positioned at Span 1will be used to bring up OSHA planks to the Railroad Bridge at Span 2. Allowable load for the plank is 50 PSF for a maximum spacing of 7' (see attached computations). Maximum spacing of the horizontal bracing on this bridge is approximately 7' on center besides the diagonal ones that are running between them.
2. Four of 2"x10" x 16'long OSHA planks, placed side by side on top of the bottom bracing, will be used as an access to work areas from Span 2 to Span 4. They will be tied down to the bottom bracing using tie wire. At least 2' overlap for staggering is required.
3. Nailed top plank to bottom plank where overlap occurred to secure plank from movement.
4. For fall protection, a 3/8" diameter tie off cable will be placed right under the top horizontal bracing for workers to tie off during the operations (see detail"A"). A maximum of 2 persons can be tied off to each 60' length of cable at one time.
5. Cables and planks will be removed off site once the operation is completed.

STATE OF CONNECTICUT — No. 15811 — LICENSED PROFESSIONAL ENGINEER — 8-7-12

REV	DESCRIPTION	DATE

Obscured

CONNDOT PROJECT 304-008
Town of Seymour, Connecticut

Item 0603801A-Structural Steel Repairs Site No. 1
Item 0603659A-Replace Removed/Missing Rivets & Bolts with HS Bolts
Work Access Platforms

Contractor: MIG		Engineer: Lochner
Drawn by S.J.M.	Date: 8-7-12	Drwg. No. 239-WA1