



Inter-office communication



Ohio Department of Transportation

To: _____ Admin. Bu. _____

From: Julie Gwinn, Bridge Engineer By: Albert Abel, Bridge Specialist

Subject : Bridge Repaired

The following information is provided:

1. County: Guernsey
2. Current Bridge Number: GUE-70-0943L
3. Current Structural File Number: 3001237
4. Feature Intersected: WB I-70 Over CR 35 and Wills Creek
5. Current Operating and Inventory Rating: 100%
6. Effective Date of Change: Immediately
7. Reason for Change: Damaged superstructure has been repaired.
8. New Structural File Number: N/A
9. New Operating and Inventory Rating: 150%, HS20.

JRG:aja
W:\UPTO150.WPD

c: M. Whistine D-5
File ✓

NEWS



RELEASE

OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 5 OFFICE OF COMMUNICATIONS - 9600 JACKSONTOWN RD. S.E., P.O. BOX 306, JACKSONTOWN, OH 43030
<http://www.dot.state.oh.us/dist5>

FOR IMMEDIATE RELEASE

OCTOBER 18, 1999

I-70 WB RESTRICTED TO ONE LANE

(JACKSONTOWN)—The Ohio Department of Transportation District 5 has announced that a bridge on Interstate 70 in Guernsey County has been restricted to one lane due to an accident. The bridge is located on Interstate 70 just west of Interstate 77.

The bridge was hit from below causing structural damage. Due to the nature of the damage, the westbound driving (right) lane will be closed to traffic for approximately 30 days. Traffic will be maintained in the passing (left) lane. A 15' width restriction will be in effect.

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FOR FURTHER INFORMATION, CONTACT:

Kevin Jones, Public Information Officer

(740) 323-4400 ext. 5207

e-mail: kevjones@dot.state.oh.us

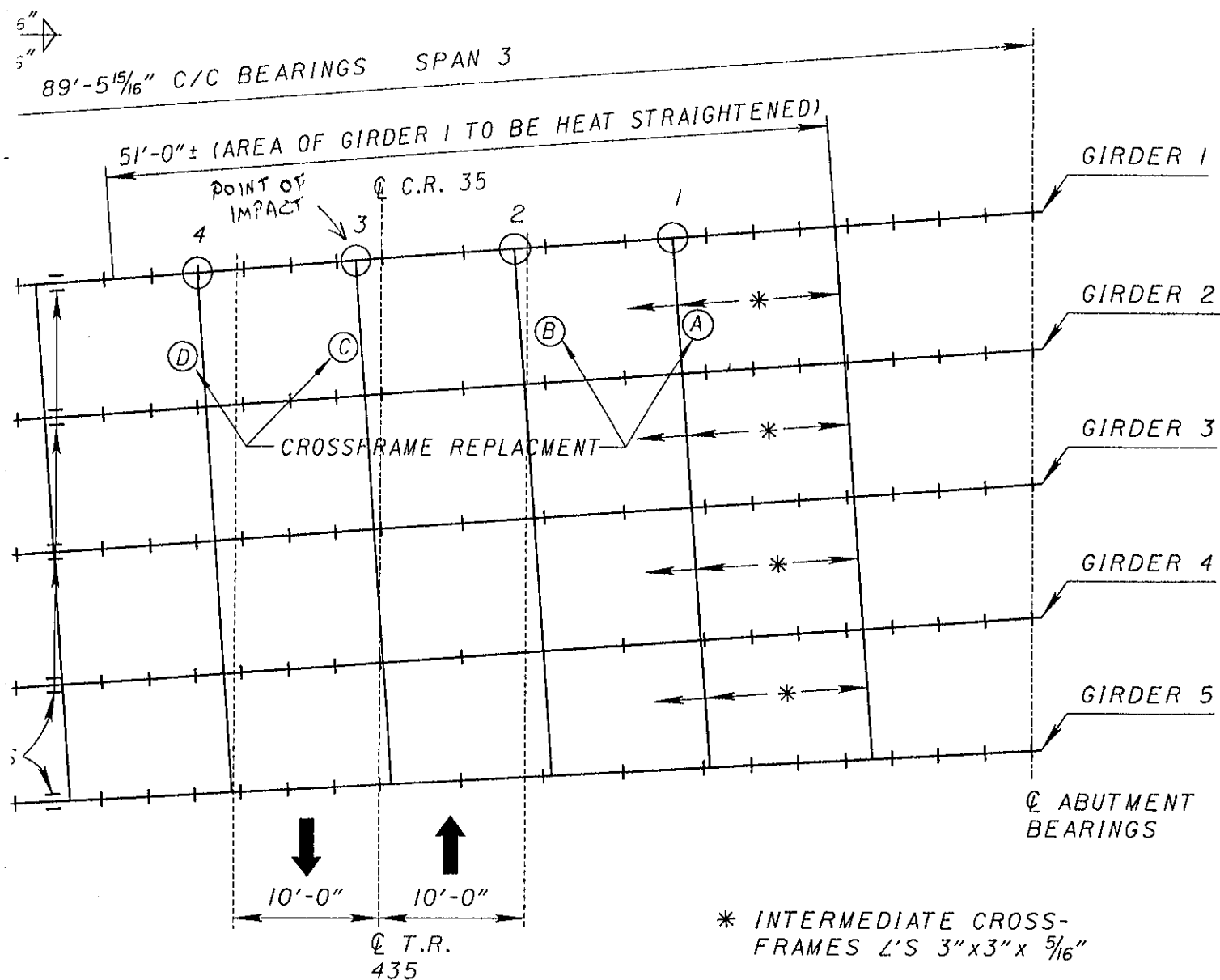
This release also available from our website at <http://www.dot.state.oh.us/dist5/d-5news.htm>

3001237

WEB PLATE REMOVAL AND REPLACEMENT (SIZE CAN BE ADJUSTED)

X-RAY #	LOCATION	WEB PLATE SIZE L X H X $\frac{3}{8}$ "	WEIGHTS
4	1	1'-0" X 6"	7.6 LBS. 7.7
3	2	2'-0" X 6" F.M. 15" X 7 $\frac{1}{2}$ "	15.2 LBS. 12.0
2	3	2'-0" X 6" F.M. 19 $\frac{3}{4}$ " X 8 $\frac{1}{2}$ "	15.2 LBS. 17.8
1	4	1'-0" X 6"	7.6 LBS. 7.7

NOTE: ALL STEEL SHALL BE A36 STEEL
PLATE SIZE MAY VARY BASED ON MAGNETIC PARTICLE INSPECTION



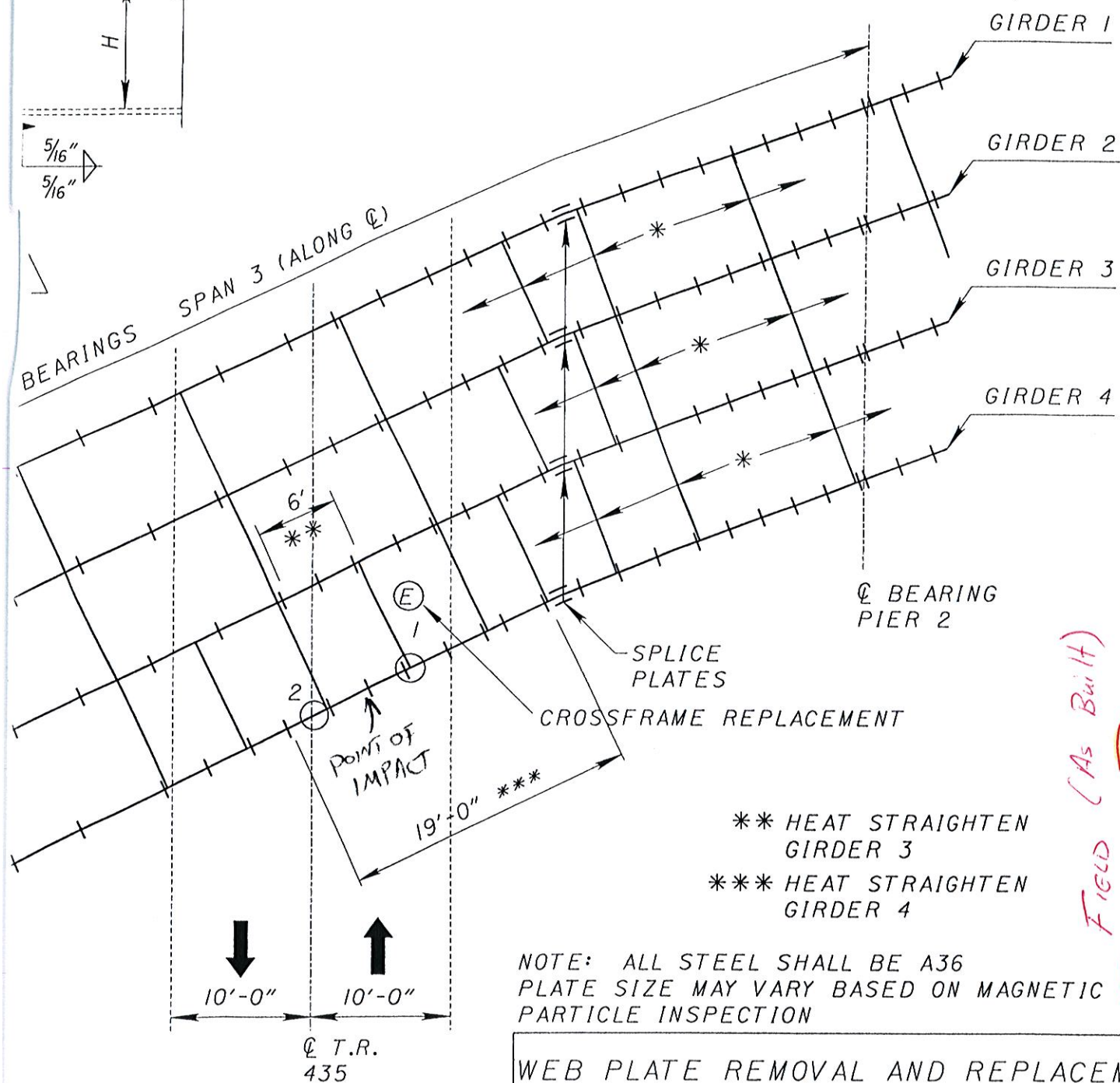
PLAN

* INTERMEDIATE CROSS-FRAMES L'S 3" X 3" X $\frac{5}{16}$ "

ENER E

LEGEND

- ⊗ POINTS OF IMPACT
- ▣ REMOVALS
- * INTERMEDIATE CROSS-FRAMES L'S 3"x3"x 5/16"
- CROSSFRAMES TO BE REPLACED



PLAN

FIELD (As Built)
BEAM REPAIRS

GUE I70-0943 4/A

ANGLES

3 x 3 x 5/16

STIFFENERS	X-RAYS	STRUTS	SPACER PLATES
<p>BR00432</p> <p>3 { 12 x 5 x 5/16</p> <p>(16 3/4 x 5 x 5/16)</p> <p>4 { 8 x 5 x 5/16</p> <p>(13 x 5 x 5/16)</p> <p>x 2 { 14 x 5 x 5/16</p> <p>(14 x 5 x 5/16)</p> <p>x 4 { 8 x 5 x 5/16</p> <p>(13 x 5 x 5/16)</p>	<p>9.92'</p> <p>1 @ 9'-11" 9.92'</p> <p>1 @ 10'-8" 10.67'</p> <p>-</p> <p>1 @ 9'-11" 9.92'</p> <p>1 @ 10'-8" 10.67'</p> <p>1 @ 9'-11" 9.92'</p> <p>1 @ 10'-8" 10.67'</p>	<p>9.25'</p> <p>1 @ 9'-3" 9.25'</p> <p>1 @ 9'-3" 9.25'</p> <p>1 @ 9'-3" 9.25'</p> <p>1 @ 8'-3 1/2" 8.25'</p> <p>1 @ 8'-3 1/2" 8.25'</p> <p>1 @ 8'-3 1/2" 8.25'</p> <p>1 @ 8'-3 1/2" 8.25'</p>	<p>1 @ 6' x 7 1/2' x 3/8"</p> <p>-</p> <p>1 @ 6' x 7 1/2' x 3/8"</p> <p>1 @ 6' x 7 1/2' x 3/8"</p> <p>1 @ 6' x 7 1/2' x 3/8"</p> <p>-</p>
<p>BR0043A</p> <p>= 2 { 14 x 5 x 5/16</p> <p>(19 x 5 x 5/16)</p> <p>x 1 { 10 x 5 x 5/16</p> <p>(15 x 5 x 5/16)</p>	<p>9.96'</p> <p>1 @ 9'-11 1/2" 9.96'</p> <p>1 @ 9'-3" 9.25'</p> <p>1 @ 9'-11 1/2" 9.96'</p> <p>1 @ 9'-3" 9.25'</p>	<p>8.25'</p> <p>1 @ 8'-3 1/2" 8.25'</p> <p>1 @ 8'-3 1/2" 8.25'</p> <p>1 @ 8'-3 1/2" 8.25'</p>	<p>1 @ 6' x 7 1/2' x 3/8"</p> <p>1 @ 6' x 7 1/2' x 3/8"</p> <p>-</p>
<p>TOTAL</p> <p>132 3/4' x 5 1/2' x 5/16</p> <p>= 12.73' x 5.32' / LF</p> <p>= 67.72#</p>	<p>100.19' x 6.1' / LF</p> <p>= 611.16#</p>	<p>61.87' x 6.1' / LF</p> <p>= 377.41#</p>	<p>2.5' x 9.57' / LF =</p> <p>23.93#</p>

TOTAL 67.72 + 611.16 + 377.41 + 23.93 = 1080.22#

WEB PLATES 7.7 + 12.0 + 17.8 + 7.7 + 10.2 + 21.7 = 77.1#

Collision Damage

1988 - Repair \$116,508 $\frac{00}{xx}$

1999 - Repair \$330,000 $\frac{00}{xx}$