

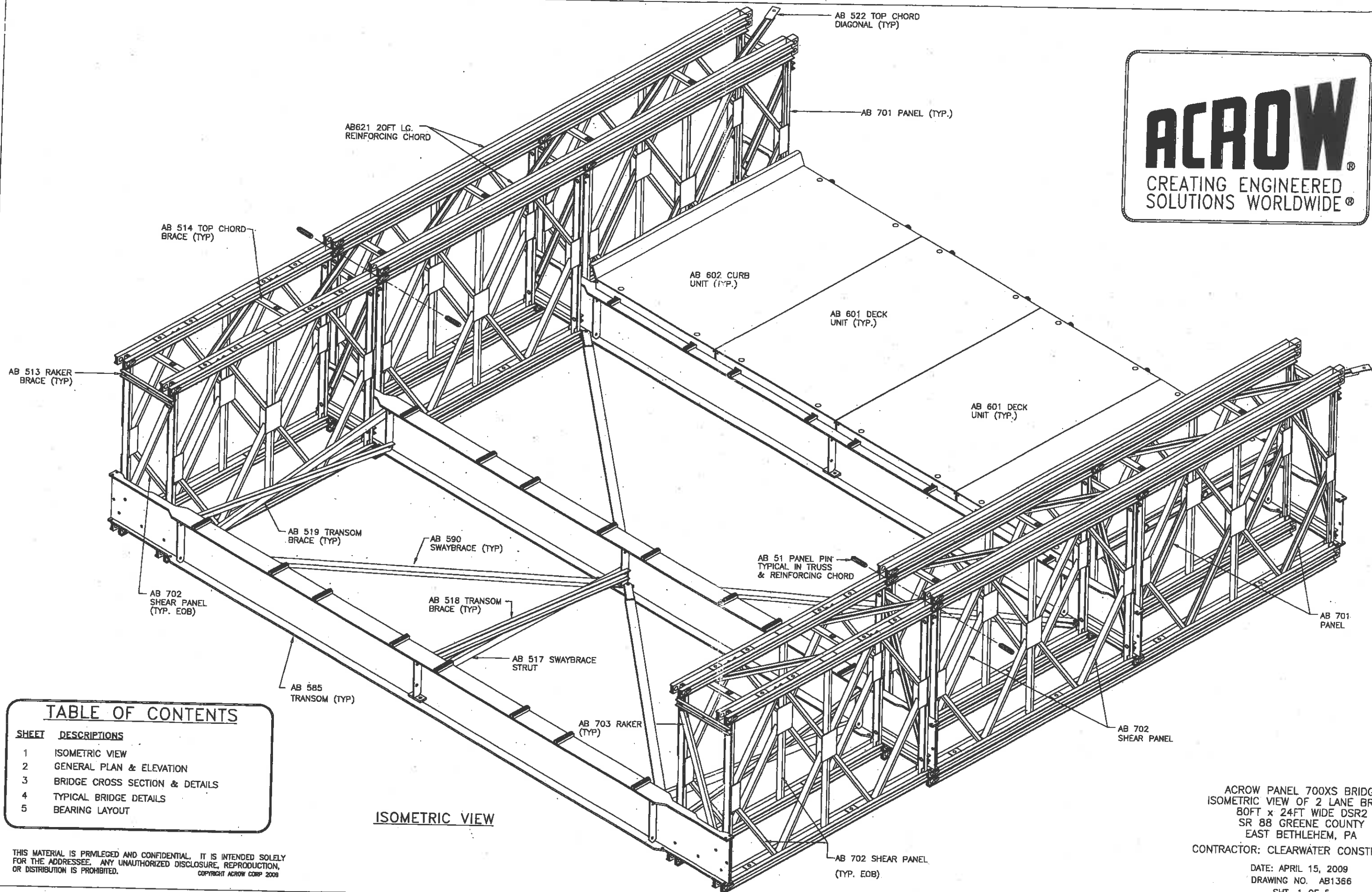


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ISOMETRIC VIEW

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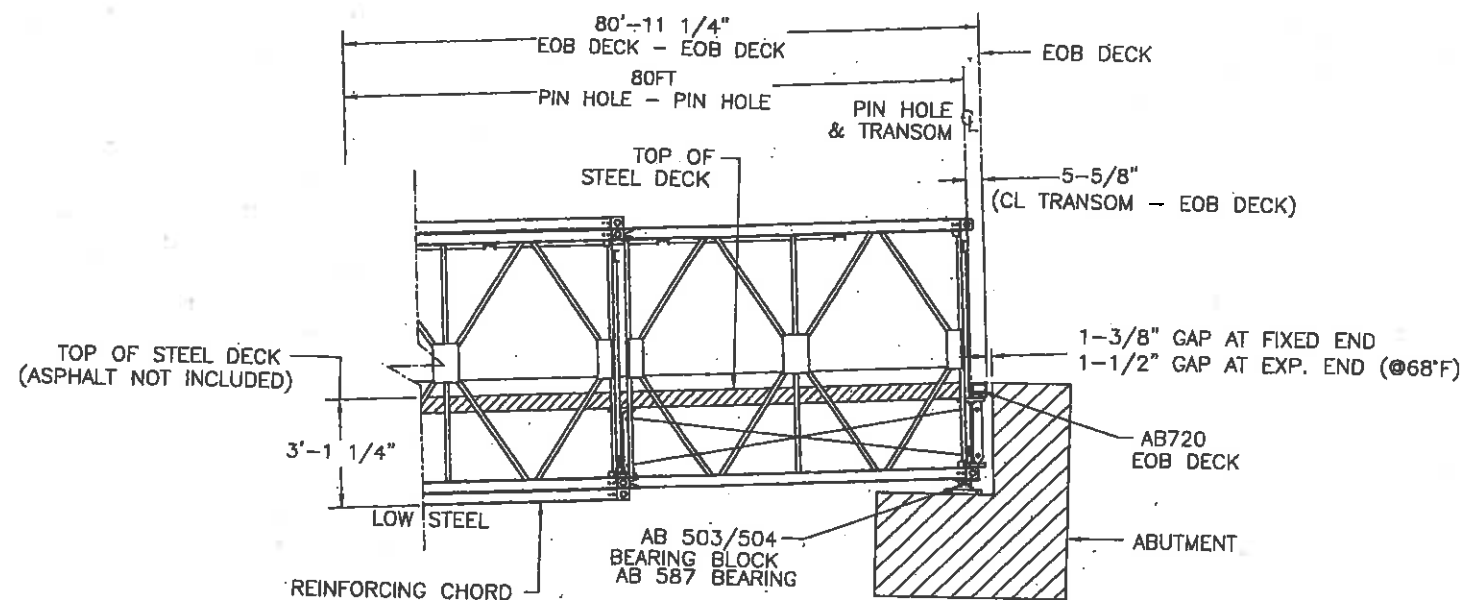
ACROW PANEL 700XS BRIDGE
ISOMETRIC VIEW OF 2 LANE BRIDGE
80FT x 24FT WIDE DSR2
SR 88 GREENE COUNTY
EAST BETHLEHEM, PA

CONTRACTOR: CLEARWATER CONSTRUCTION

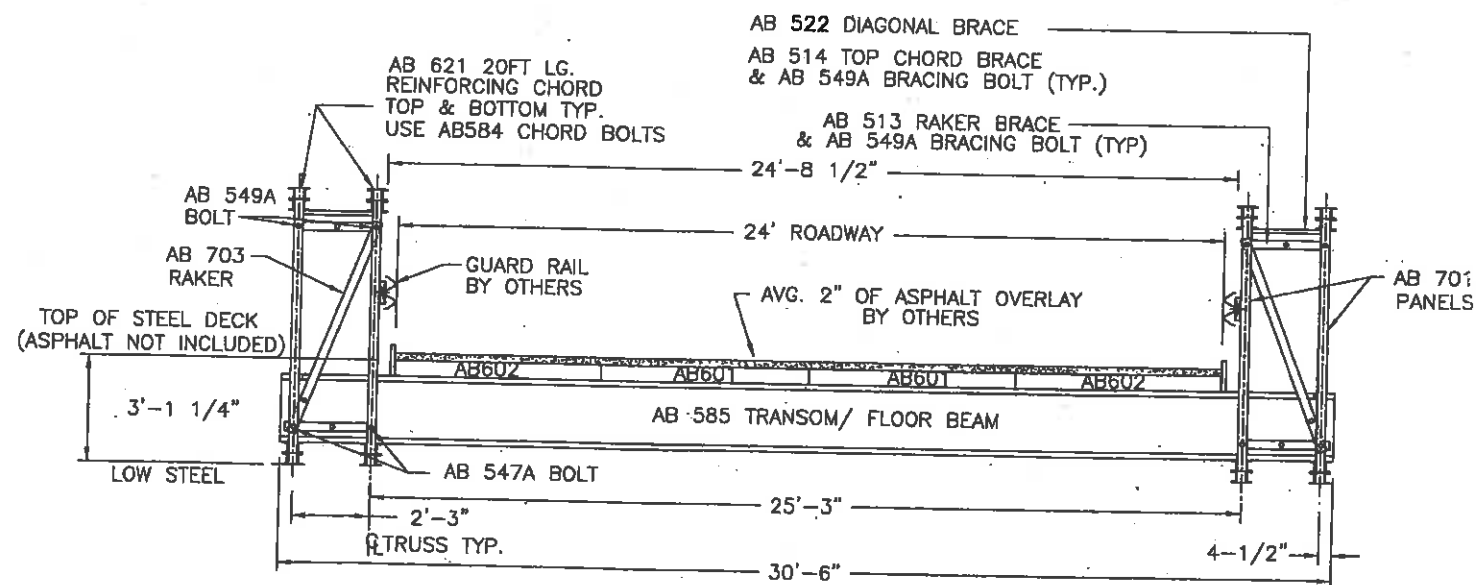
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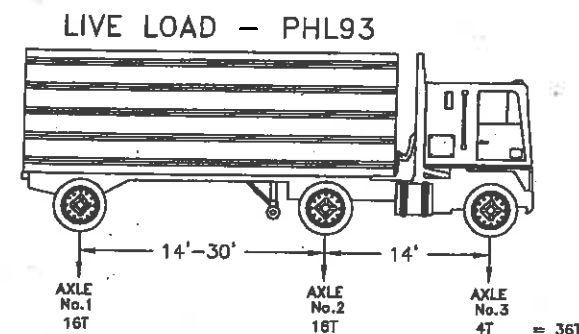
SHT. 1 OF 5



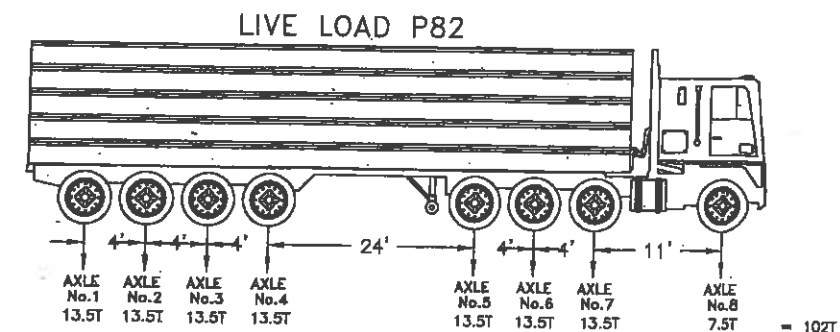
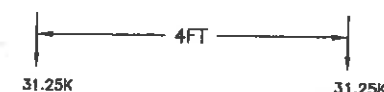
DETAIL AT ABUTMENT
SCALE: 3/16"=1'-0"



SECTION 1/3 - 1/3
SCALE: 3/16"=1'-0"



PHL-93 TANDEM LOAD



GENERAL NOTES

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECOND EDITION, 1998, ADOPTED BY AASHTO, AS SUPPLEMENTED BY PENNDOT DESIGN MANUAL, PART 4, APRIL 2000 EDITION, INCLUDING 2002 REVISIONS.

LIVE LOAD

PHL93 STRENGTH IA LIMIT STATE
P82 PERMIT VEHICLE - STRENGTH II LIMIT STATE

DEAD LOAD

AVG. 2" OF ASPHALT OVERLAY

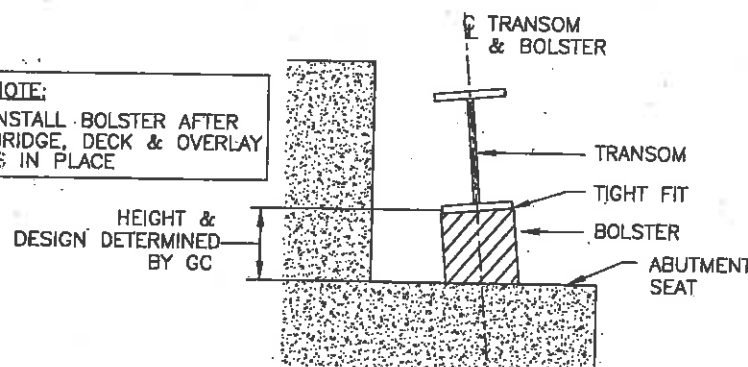
BRIDGE

- (A) PANEL CHORDS, DIAGONALS & VERTICALS, RAKER, REINFORCING CHORDS
AASHTO M223 Gd 65
- (B) DECKING, RAKER BRACE, TRANSOM, TOP CHORD BRACE, SWAYBRACE, TRANSOM BRACE, DIAGONAL CHORD BRACE
AASHTO M223 Gd 50
- (C) PANEL PINS
ASTM A 193 Gd B7
- (D) BOLTS
AASHTO M164M - A325

FINISH

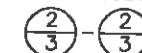
ALL MAJOR COMPONENTS GALVANIZED TO AASHTO M111-ASTM A123
ALL BOLTS, ARE HOT DIPPED GALVANIZED.
PINS ARE ELECTRO GALVANIZED.

NOTE:
INSTALL BOLSTER AFTER
BRIDGE, DECK & OVERLAY
IS IN PLACE



BOLSTER DETAIL

SCALE: N.T.S.
SEE BEARING LAYOUT FOR LOCATION



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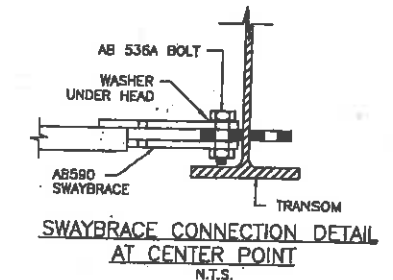
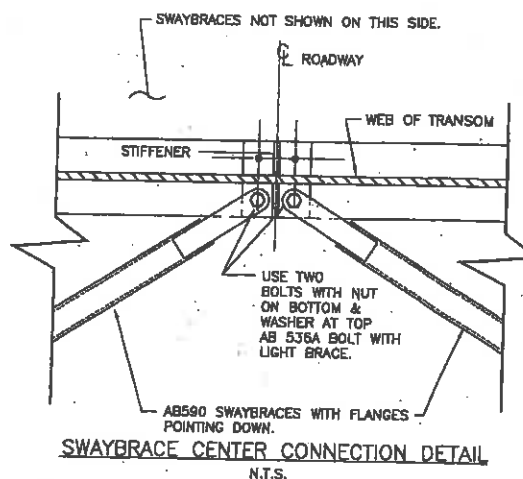
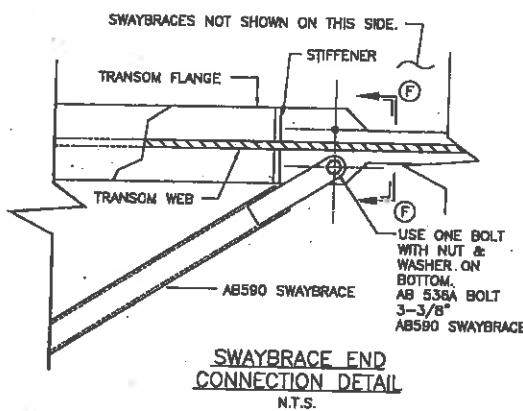
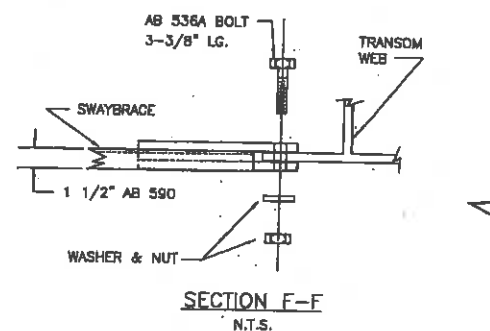
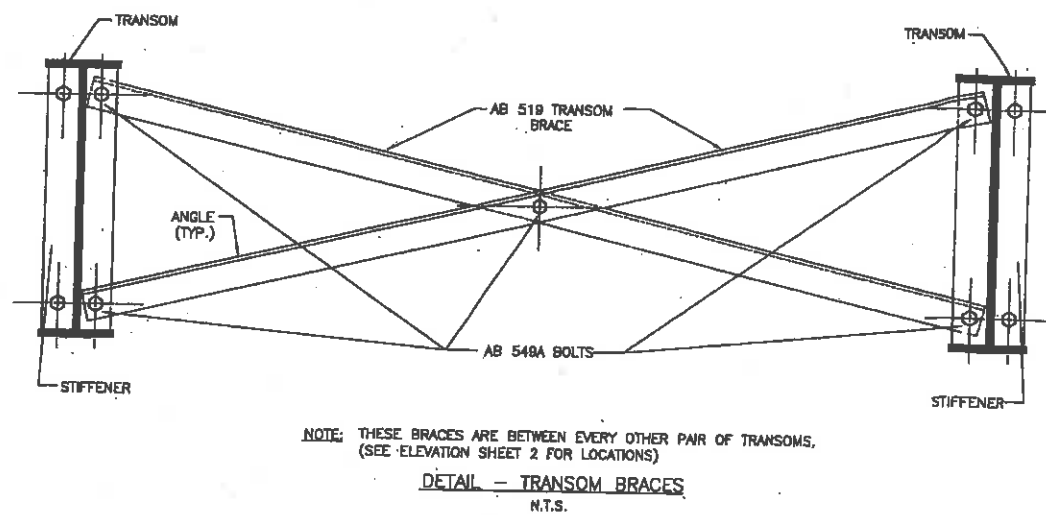
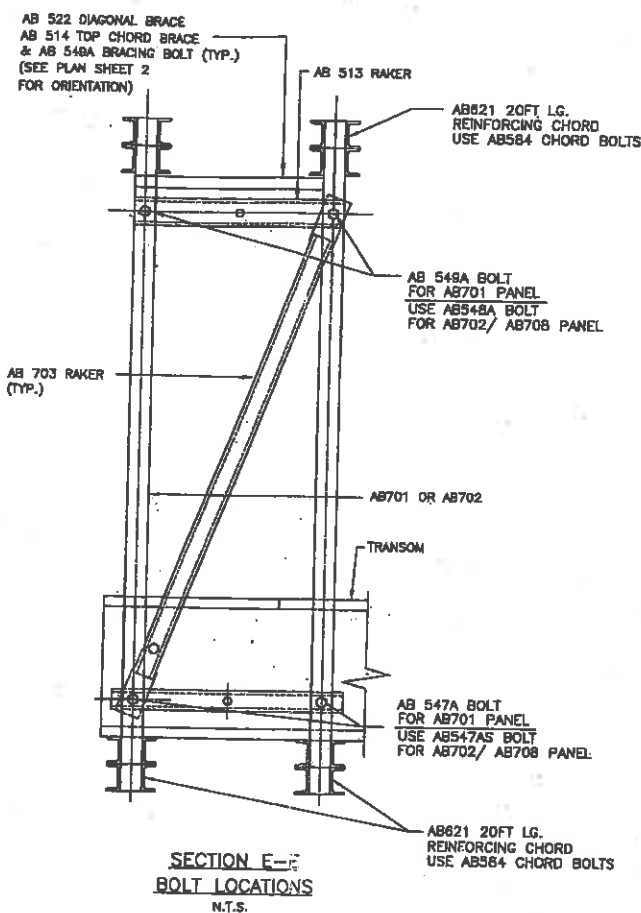
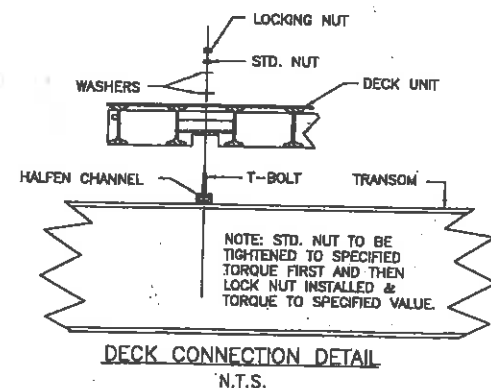
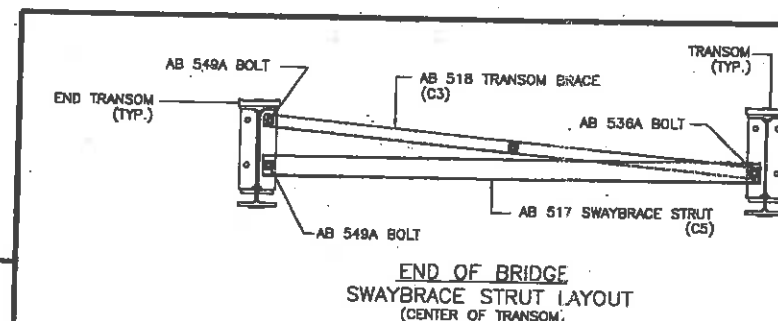
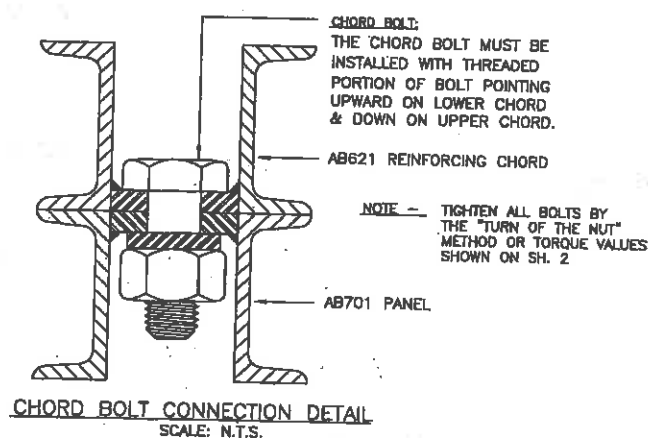
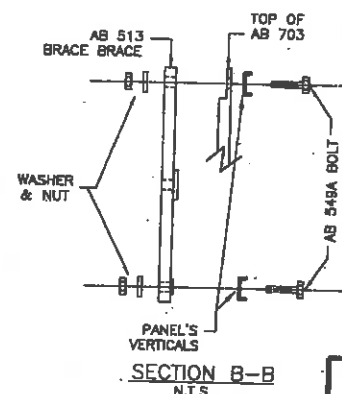
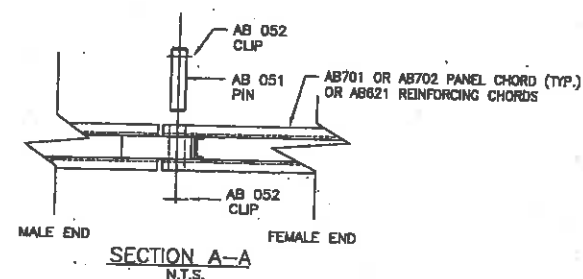
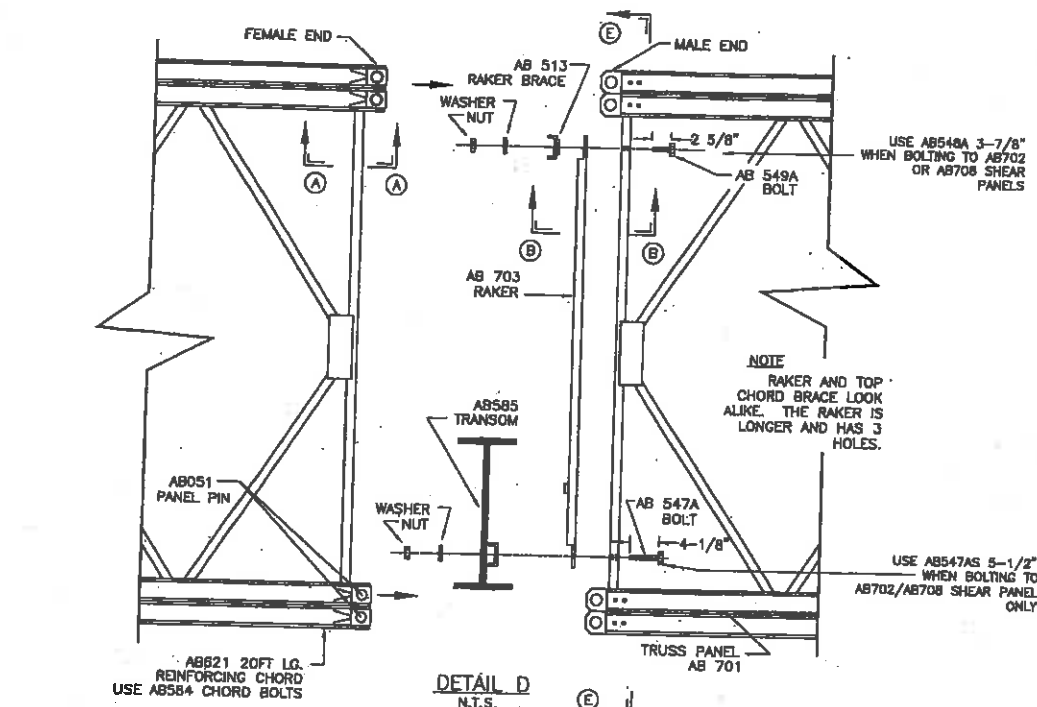
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CORPORATION OF AMERICA
181 NEW ROAD, PARSIPPANY, NJ 07054

ACROW PANEL 700XS BRIDGE
BRIDGE CROSS SECTION & DETAILS
80FT x 2-LANE 24FT DSR2
SR 88 GREENE COUNTY
EAST BETHLEHEM, PA

DRAWN BY RJ
CHECKED BY MP
APPROVED BY SP
DATE APRIL 15, 2008
SCALE: AS SHOWN
CONTRACT NO.

CLEARWATER CONSTRUCTION
MERCER, PA

DRAWING NO. AB1366
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REV.



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ACROW PANEL 700XS BRIDGE
TYPICAL BRIDGE DETAILS
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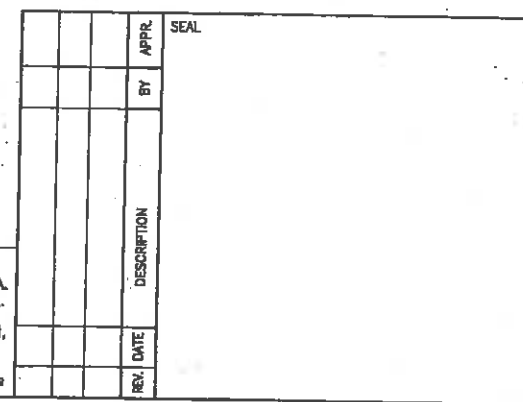
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CLEARWATER CONSTRUCTION
MERCER, PA

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