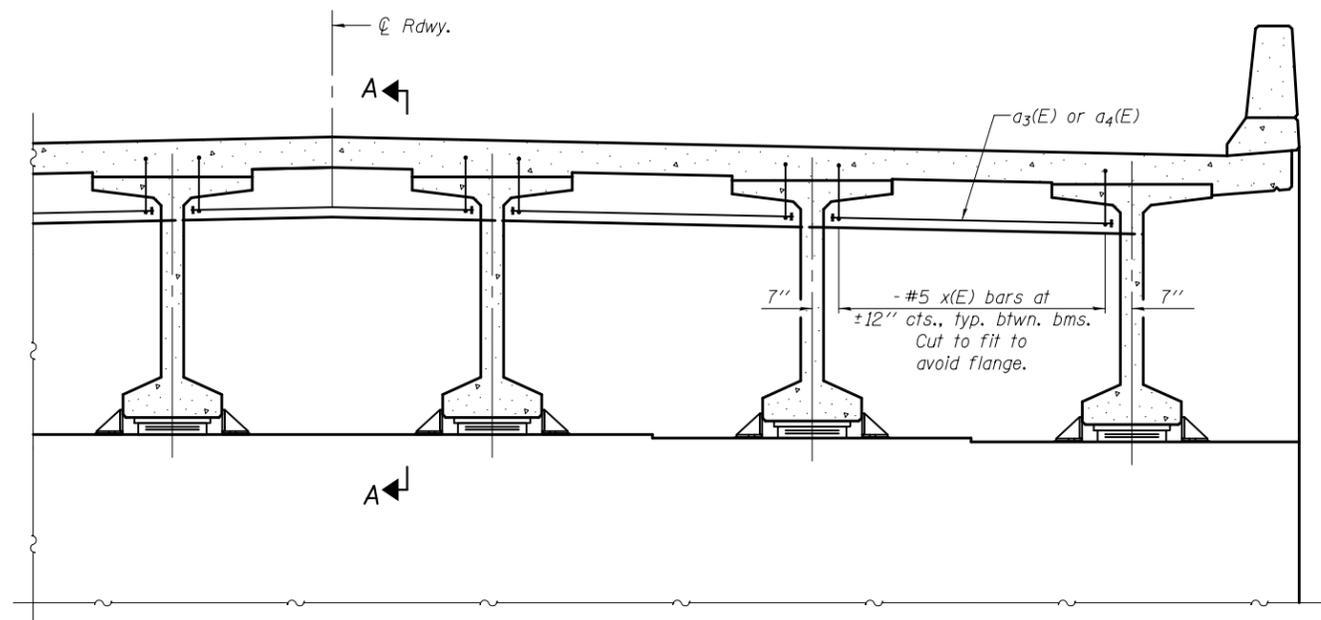
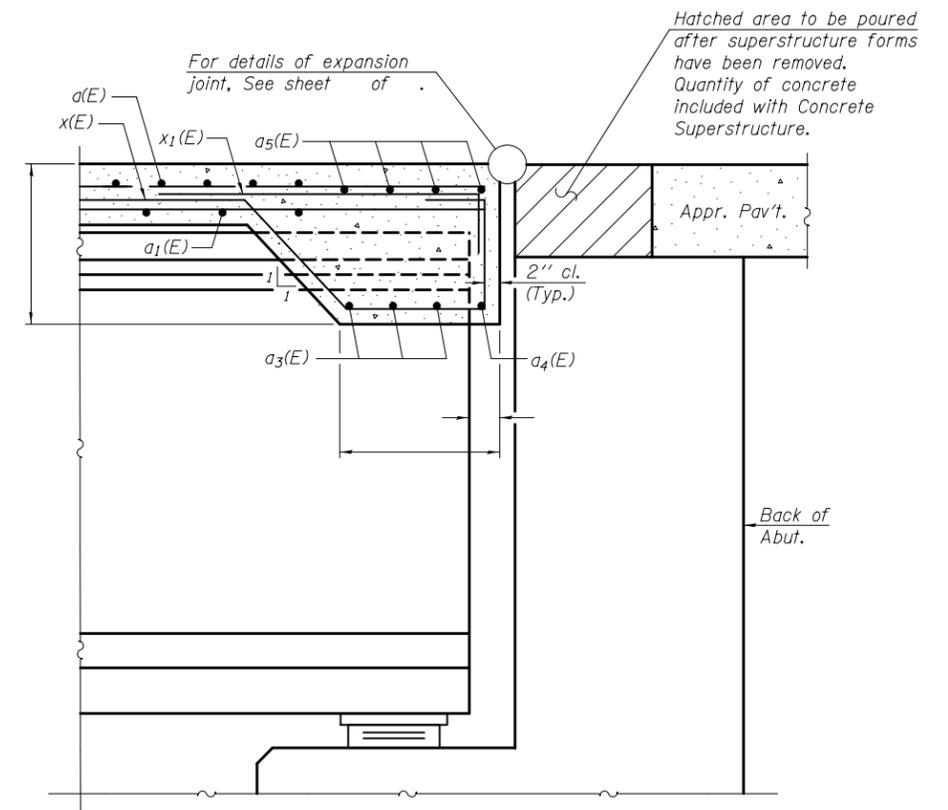


CELL / MODEL NAME	DESCRIPTION	DATE
DEA-BT6372-0	Diaphragm expansion abutments;Bulb T-Beam 63-72 inch beam depth	7/15/2016
DEA-BT6372-LR	Diaphragm expansion abutments;Bulb T-Beam 63-72 inch beam depth; L/R skew	7/15/2016
DEA-I3642-0	Diaphragm expansion abutments;I-Beam 36-42 inch beam depth	7/15/2016
DEA-I3642-LR	Diaphragm expansion abutments;I-Beam 36-42 inch beam depth; L/R skew	7/15/2016
DEA-I4854-0	Diaphragm expansion abutments;I-Beam 48-54 inch beam depth	7/15/2016
DEA-I4854-LR	Diaphragm expansion abutments;I-Beam 48-54 inch beam depth; L/R skew	7/15/2016
DEA-IL27-0	Diaphragm expansion abutments;IL 27 inch beam depth	7/15/2016
DEA-IL27-LR	Diaphragm expansion abutments;IL 27 inch beam depth; L/R skew	7/15/2016
DEA-IL36-0	Diaphragm expansion abutments;IL 36 inch beam depth	7/15/2016
DEA-IL36-LR	Diaphragm expansion abutments;IL 36 inch beam depth; L/R skew	7/15/2016
DEA-IL36N-0	Diaphragm expansion abutments;IL 36 inch beam depth narrow top	7/15/2016
DEA-IL36N-LR	Diaphragm expansion abutments;IL 36 inch beam depth narrow top; L/R skew	7/15/2016
DEA-IL4554-0	Diaphragm expansion abutments;IL 45-54 inch beam depth	7/15/2016
DEA-IL4554-LR	Diaphragm expansion abutments;IL 45-54 inch beam depth; L/R skew	7/15/2016
DEA-IL4554N-0	Diaphragm expansion abutments;IL 45-54 inch beam depth narrow top	7/15/2016
DEA-IL4554N-LR	Diaphragm expansion abutments;IL 45-54 inch beam depth narrow top; L/R skew	7/15/2016
DEA-IL6372-0	Diaphragm expansion abutments;IL 63-72 inch beam depth	7/15/2016
DEA-IL6372-LR	Diaphragm expansion abutments;IL 63-72 inch beam depth; L/R skew	7/15/2016
DEA-IL6372N-0	Diaphragm expansion abutments;IL 63-72 inch beam depth narrow top	7/15/2016
DEA-IL6372N-LR	Diaphragm expansion abutments;IL 63-72 inch beam depth narrow top; L/R skew	7/15/2016



DIAPHRAGM AT ABUTMENT



SECTION A-A

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars x(E) and x₁(E) see sheet of .

DEA-BT6372-0

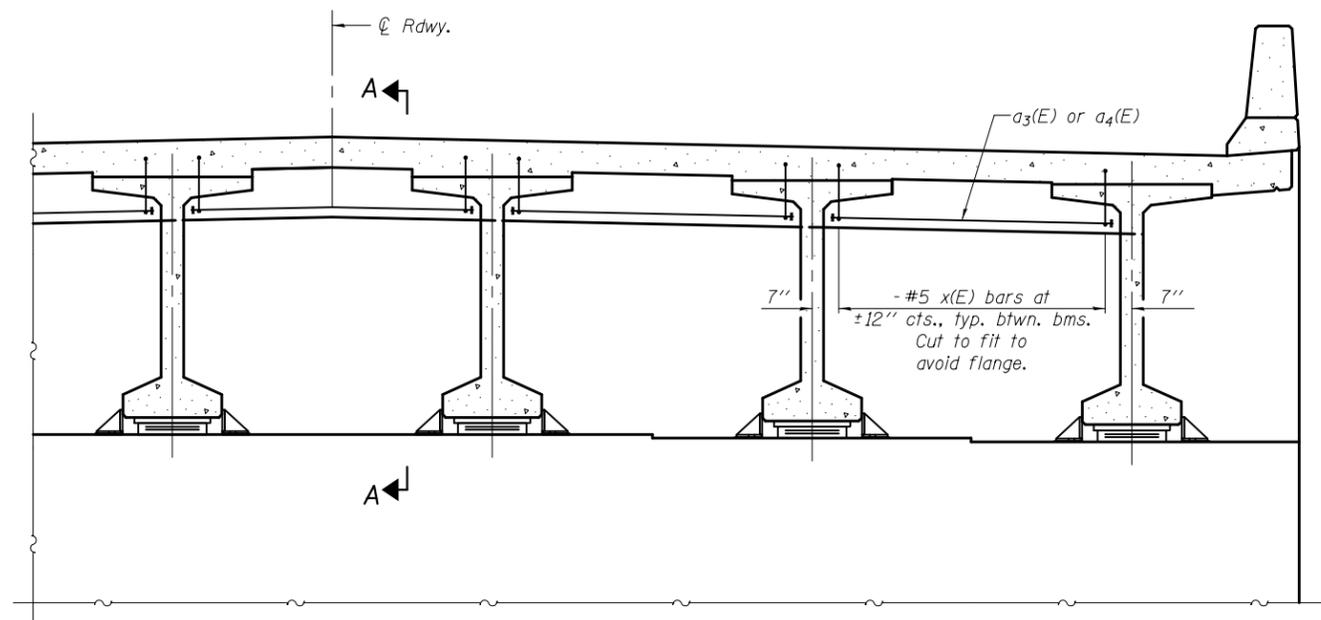
07-15-16

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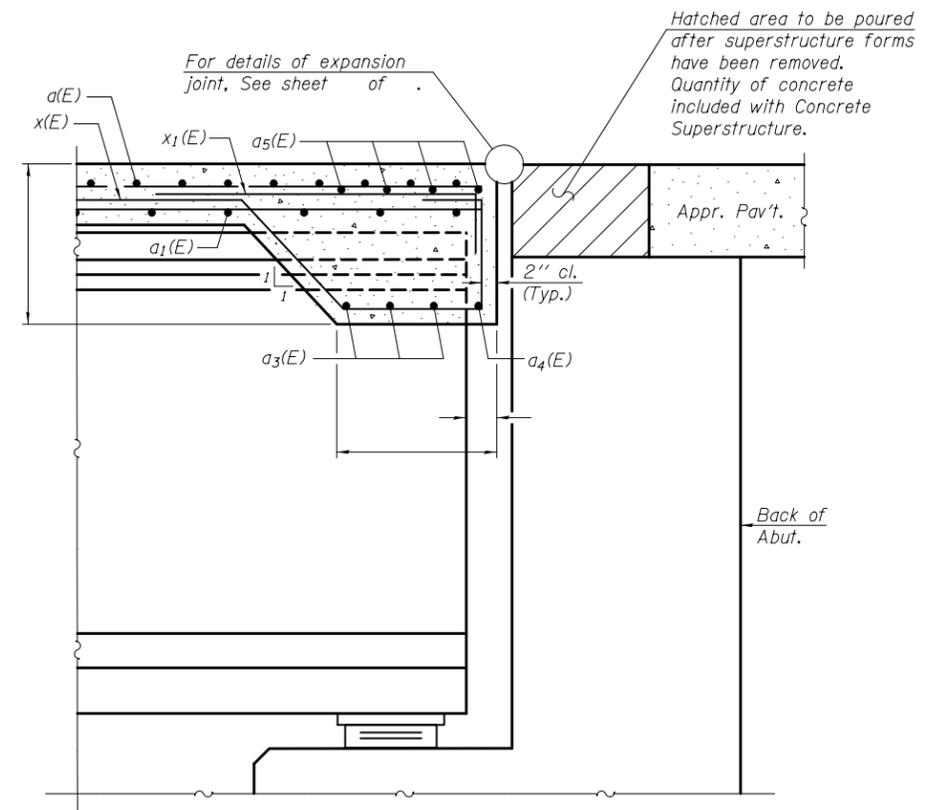
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
 STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. Ls)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x1(E) see sheet of .

DEA-BT6372-LR

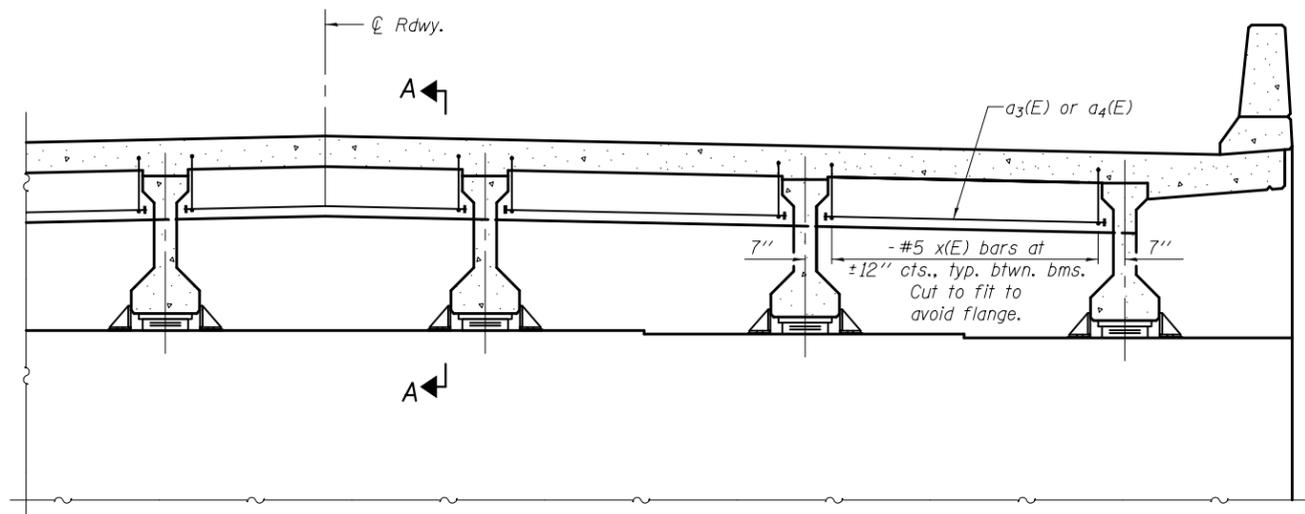
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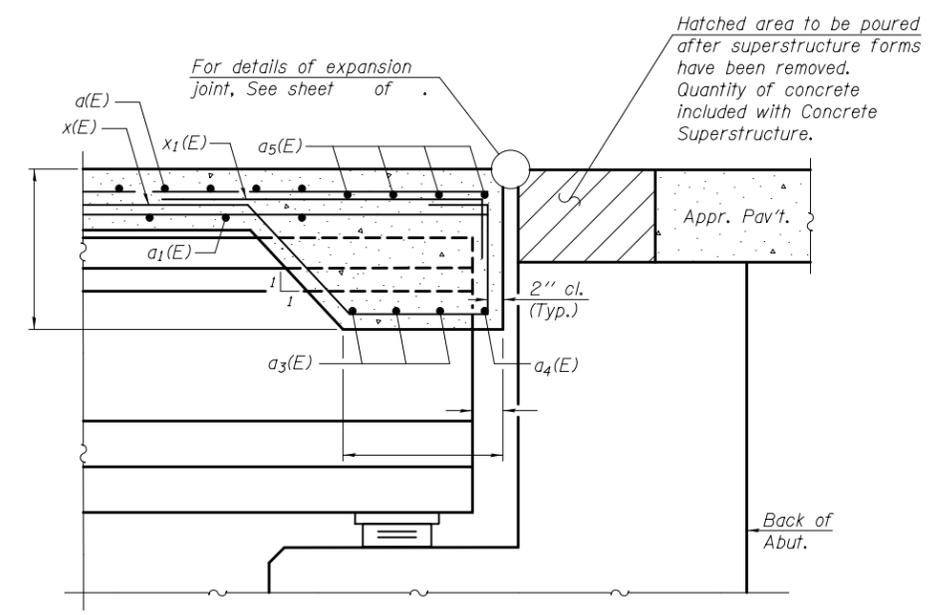
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT

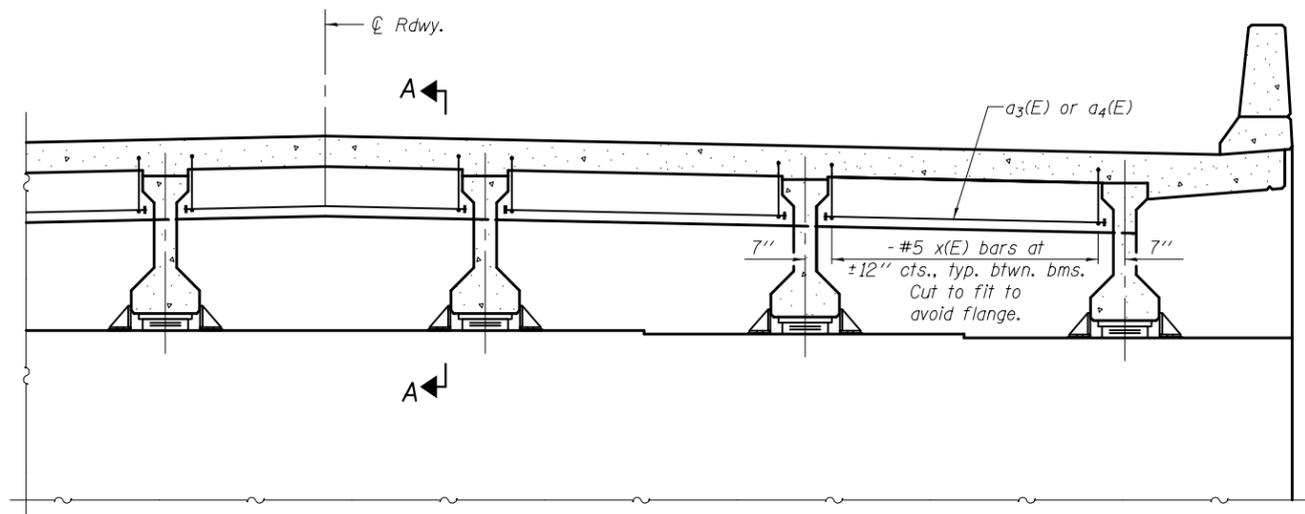


SECTION A-A

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars $x(E)$ and $x_1(E)$ see sheet of .

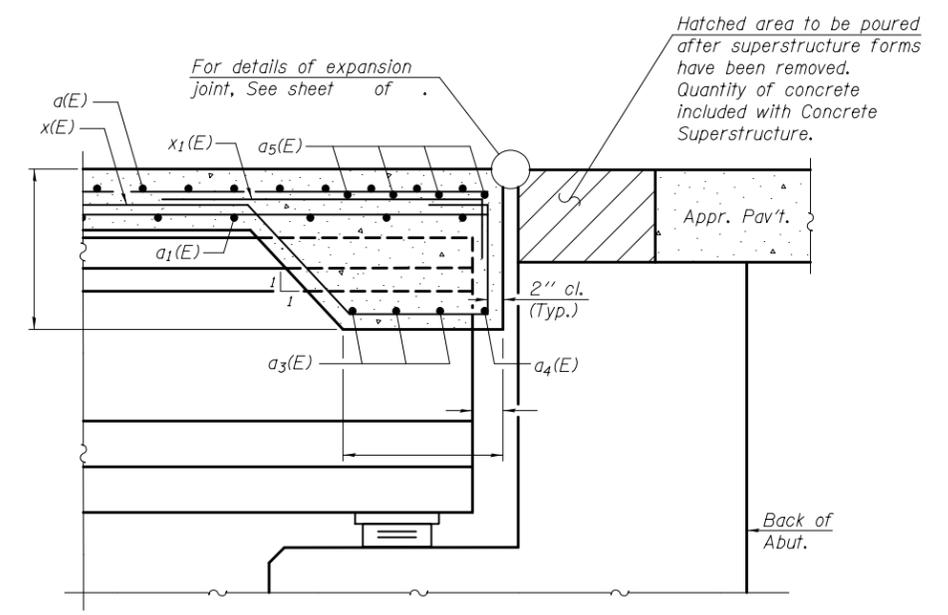
DEA-I3642-0 07-15-16

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DIAPHRAGM AT ABUTMENT

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x₁(E) see sheet of .



SECTION A-A
(at Rt. Ls)

DEA-I3642-LR 07-15-16

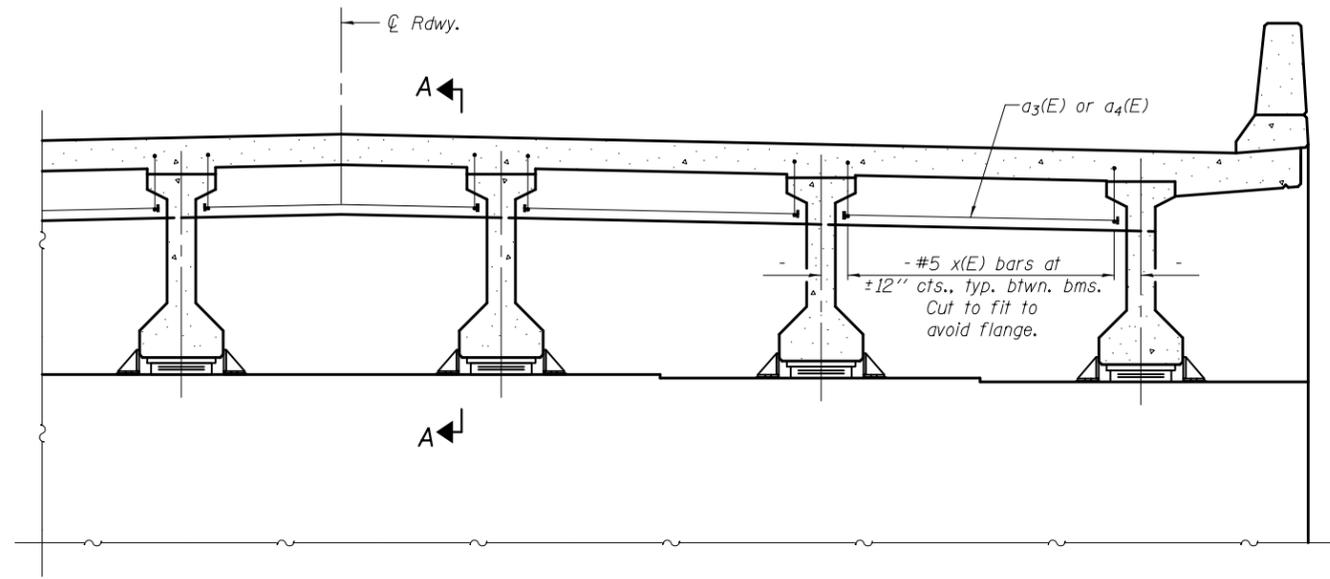
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

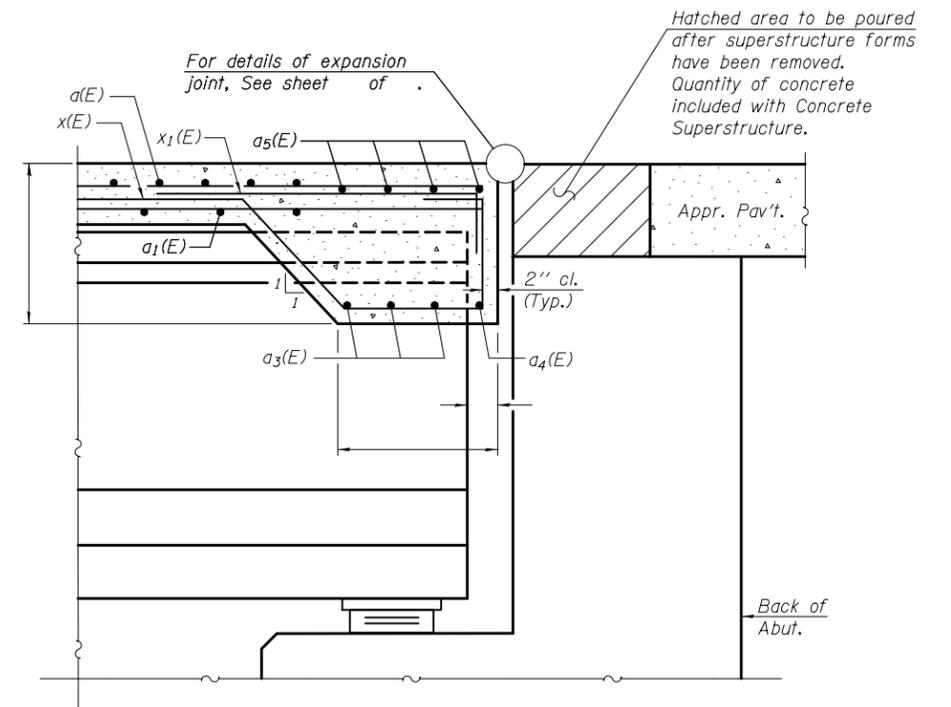
DIAPHRAGM DETAILS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				

ILLINOIS FED. AID PROJECT



DIAPHRAGM AT ABUTMENT



SECTION A-A

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars $x(E)$ and $x_1(E)$ see sheet of .

DEA-I4854-0

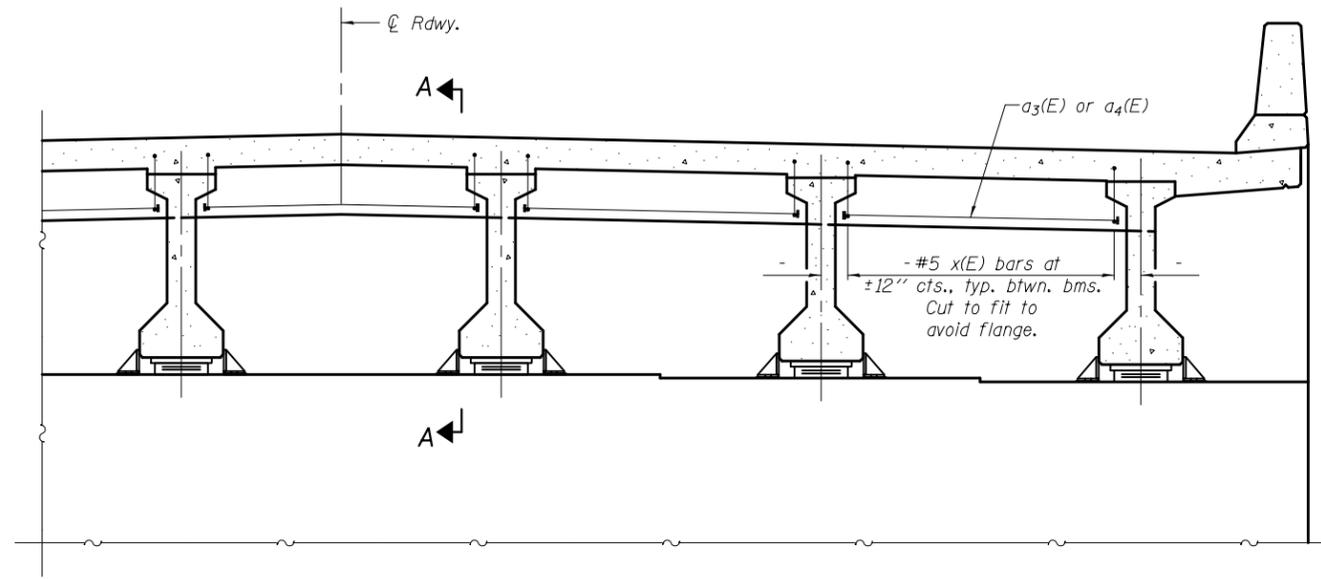
07-15-16

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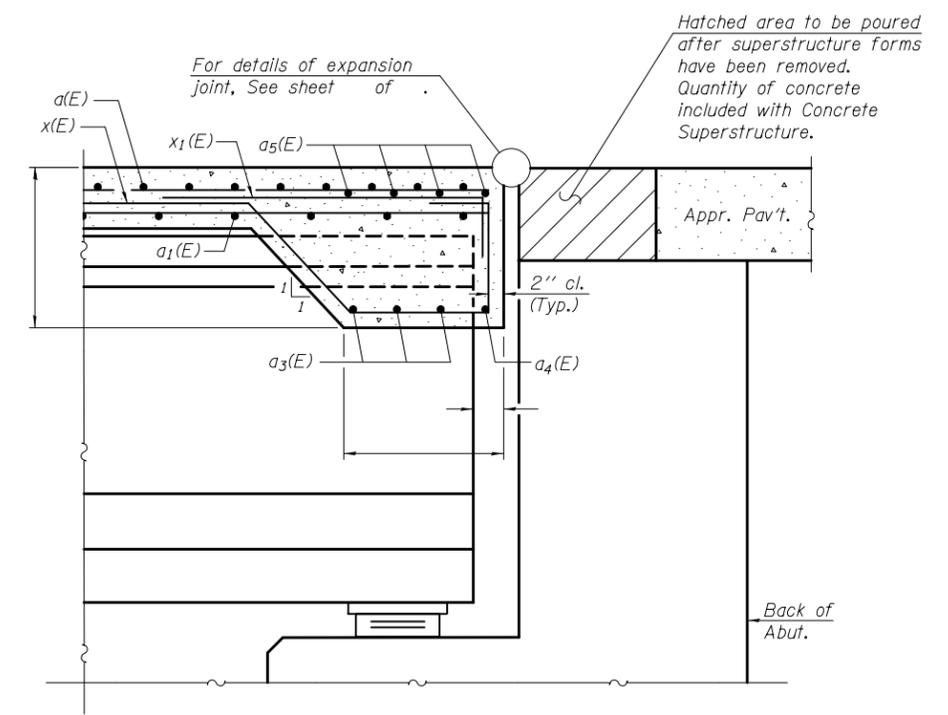
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
 STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
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DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. Ls)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x1(E) see sheet of .

DEA-I4854-LR

07-15-16

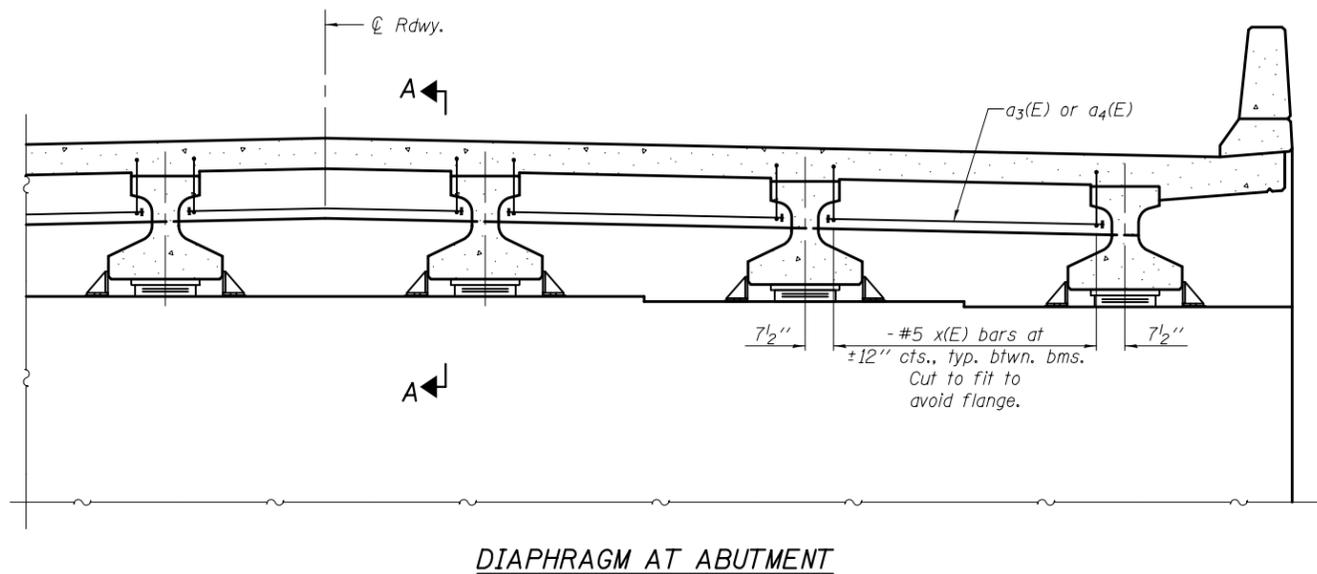
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

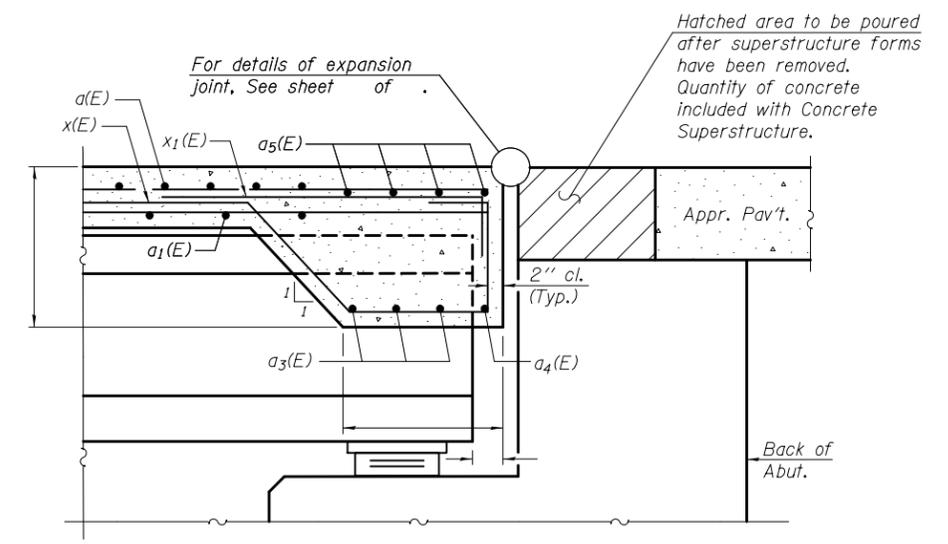
DIAPHRAGM DETAILS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				

ILLINOIS FED. AID PROJECT



Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars x(E) and x₁(E) see sheet of .



SECTION A-A

DEA-IL27-0

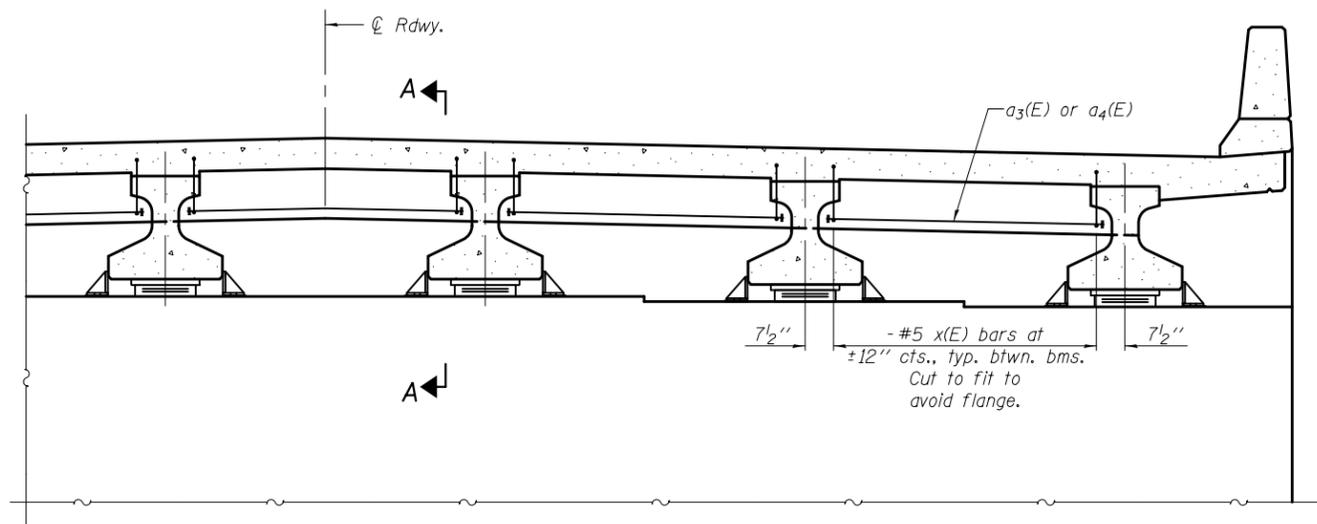
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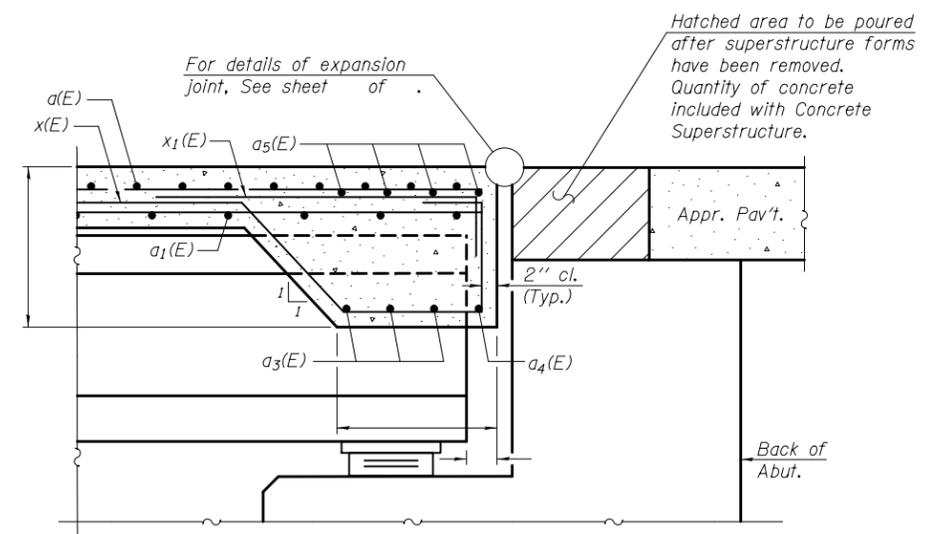
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DIAPHRAGM DETAILS
 STRUCTURE NO.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. Ls)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x₁(E) see sheet of .

DEA-IL27-LR

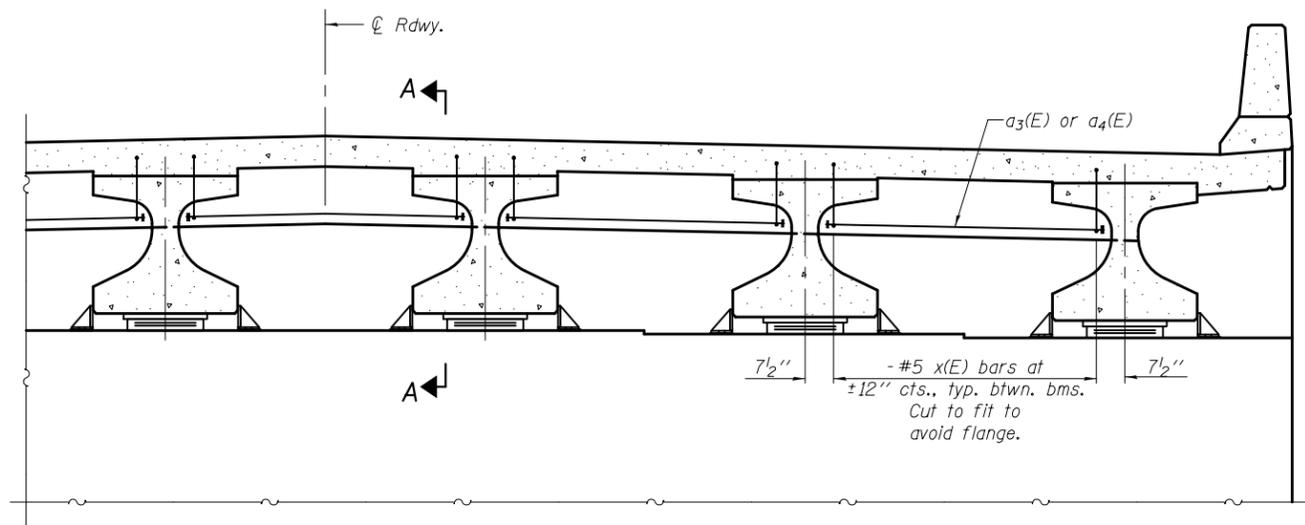
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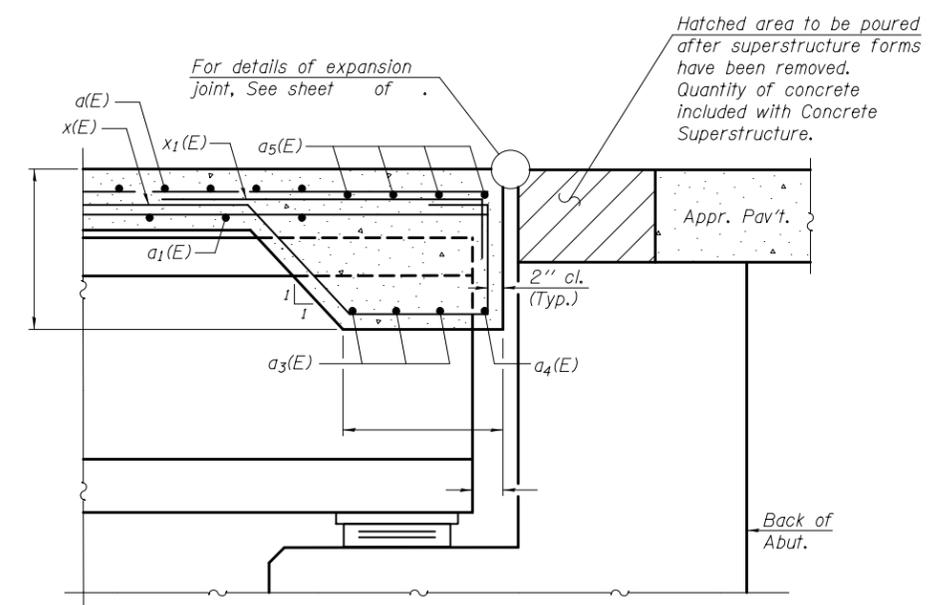
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars $x(E)$ and $x_1(E)$ see sheet of .

DEA-IL36-0

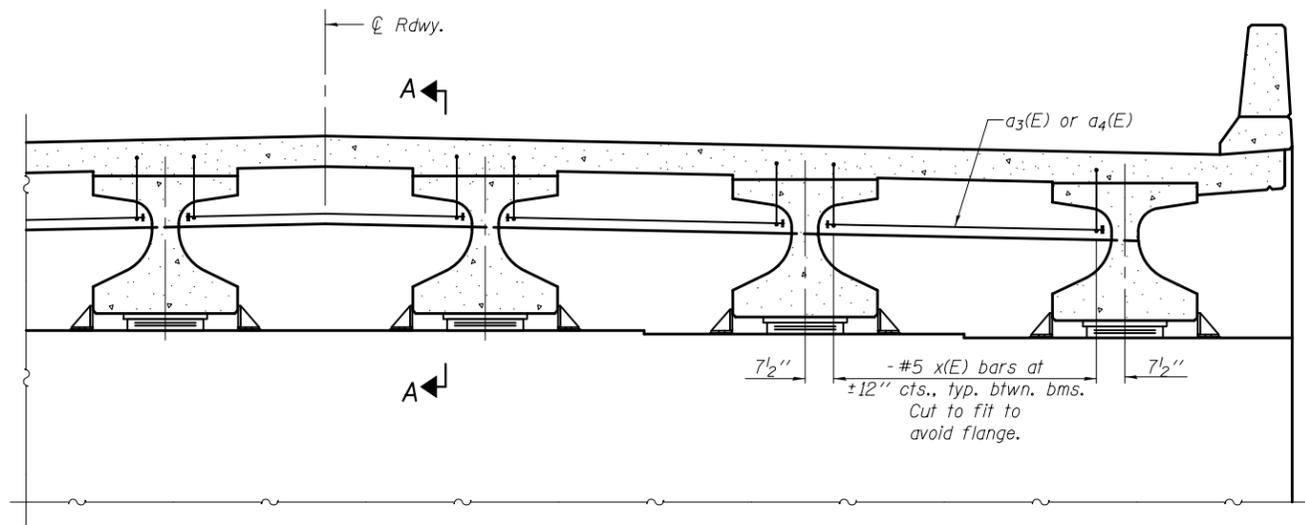
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

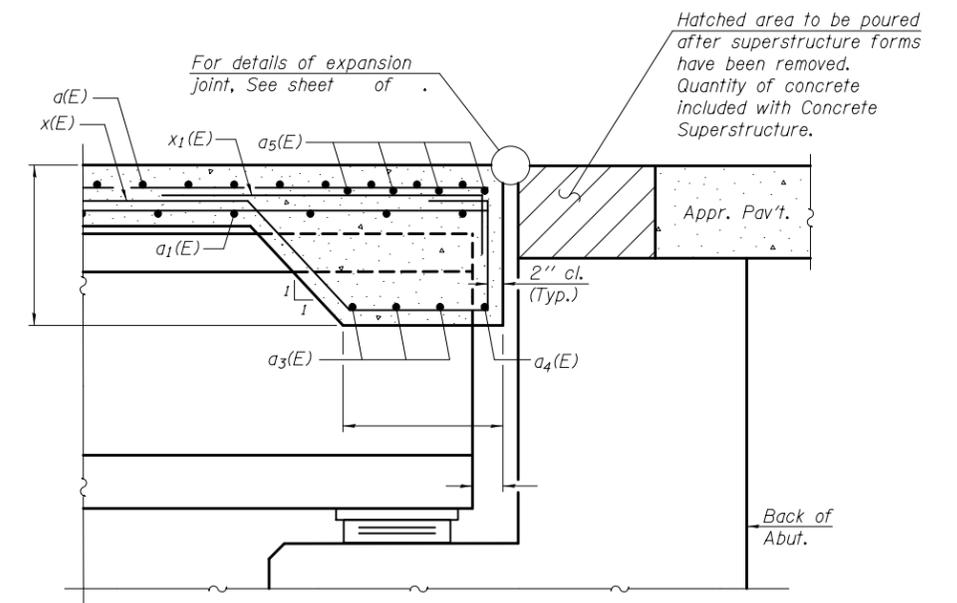
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x₁(E) see sheet of .



SECTION A-A
 (at Rt. Ls)

DEA-IL36-LR

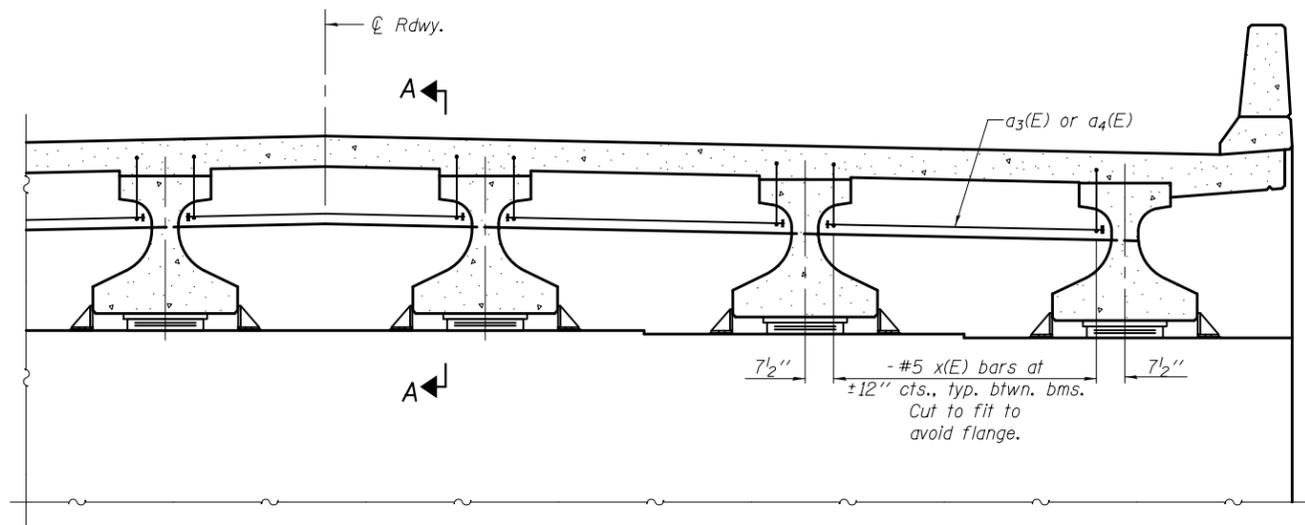
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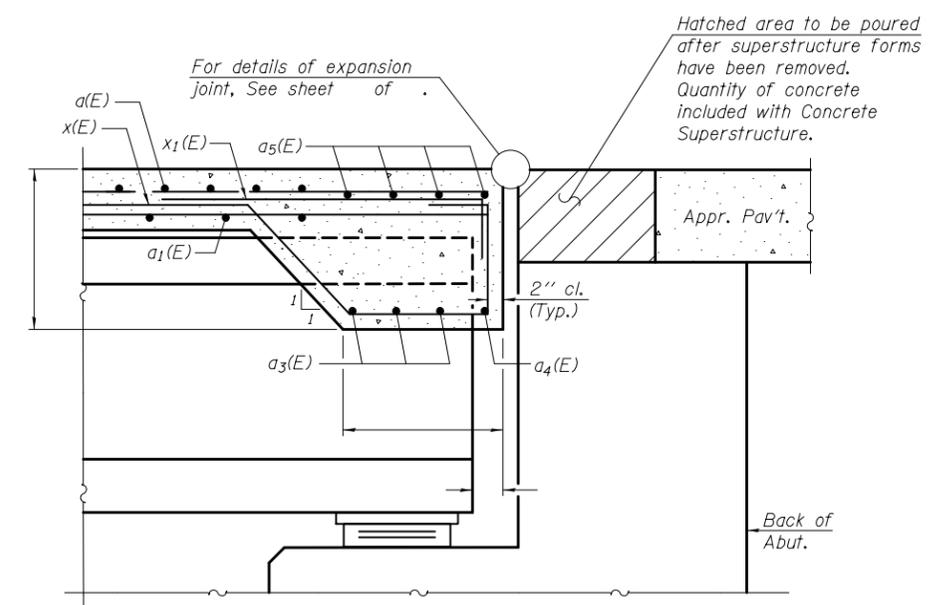
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars x(E) and x₁(E) see sheet of .

DEA-IL36N-0

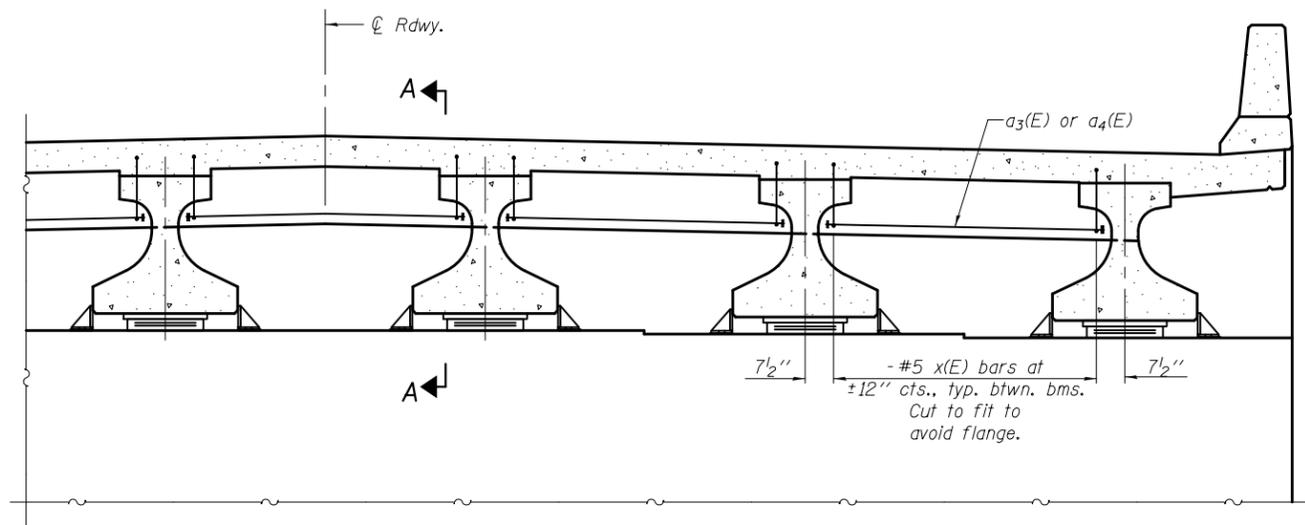
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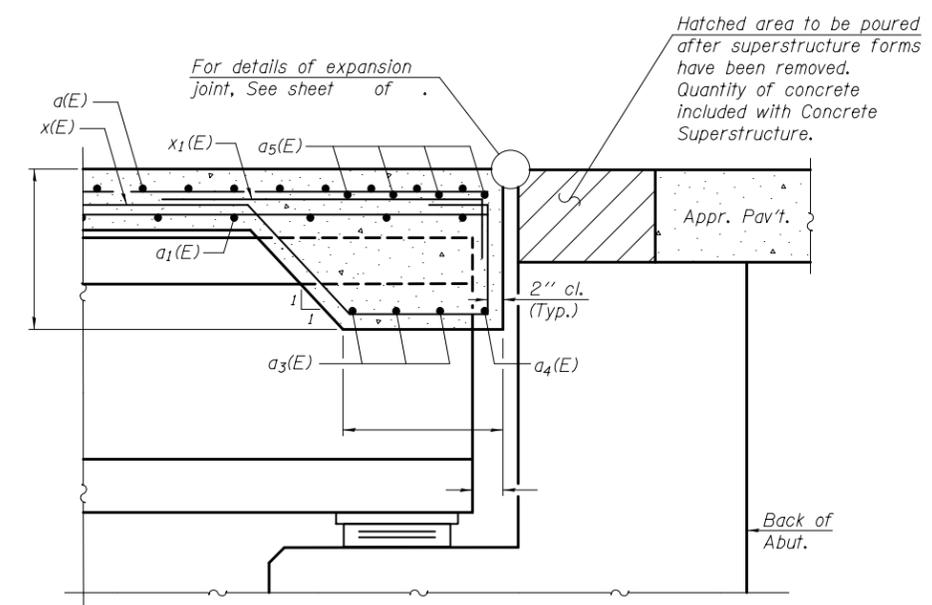
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**DIAPHRAGM DETAILS
 STRUCTURE NO.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. Ls)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x1(E) see sheet of .

DEA-IL36N-LR

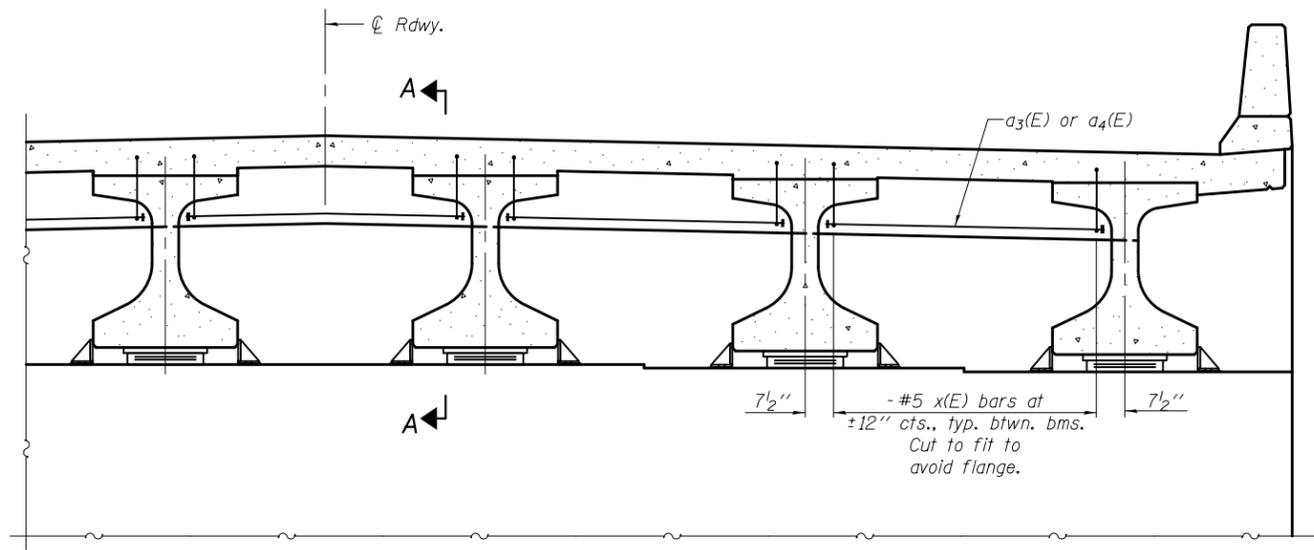
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

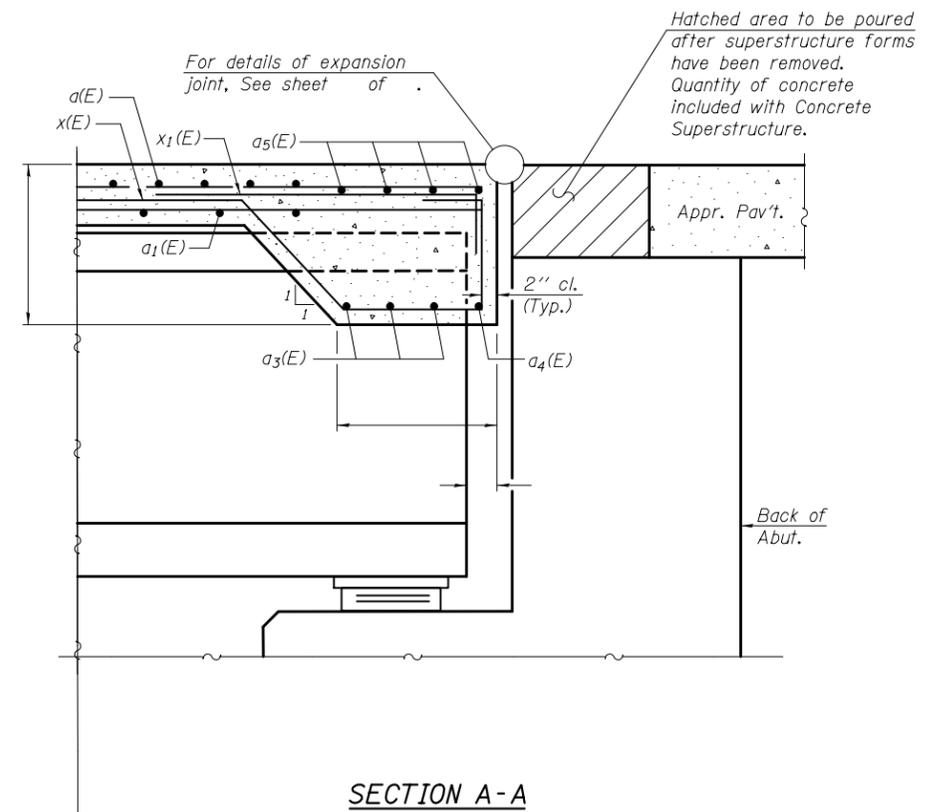
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STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars $x(E)$ and $x_1(E)$ see sheet of .



SECTION A-A

DEA-IL4554-0

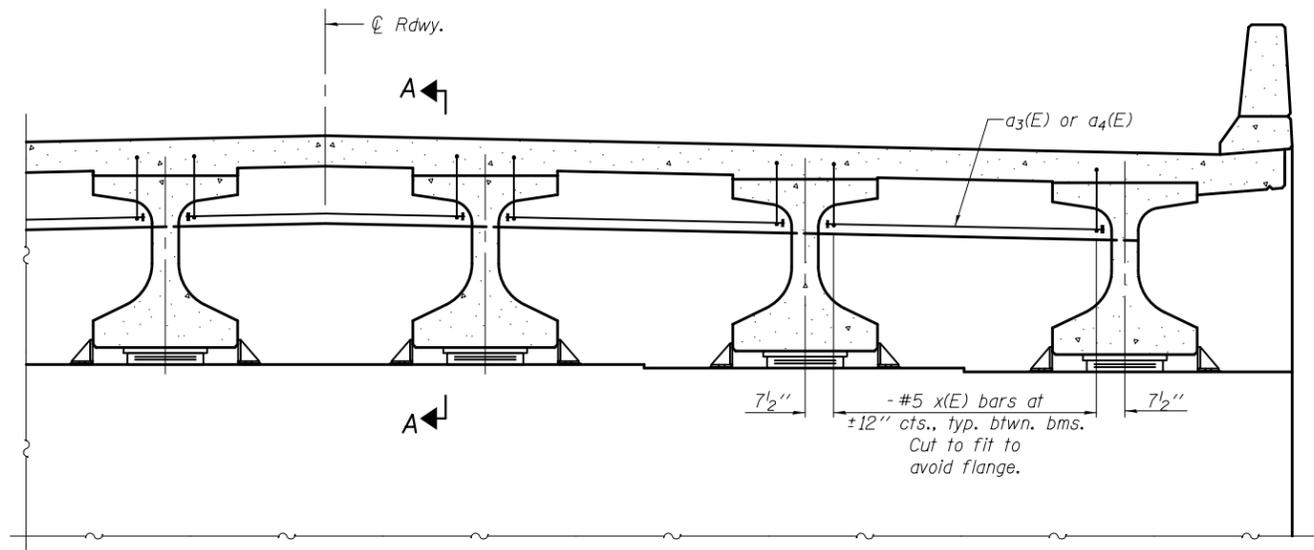
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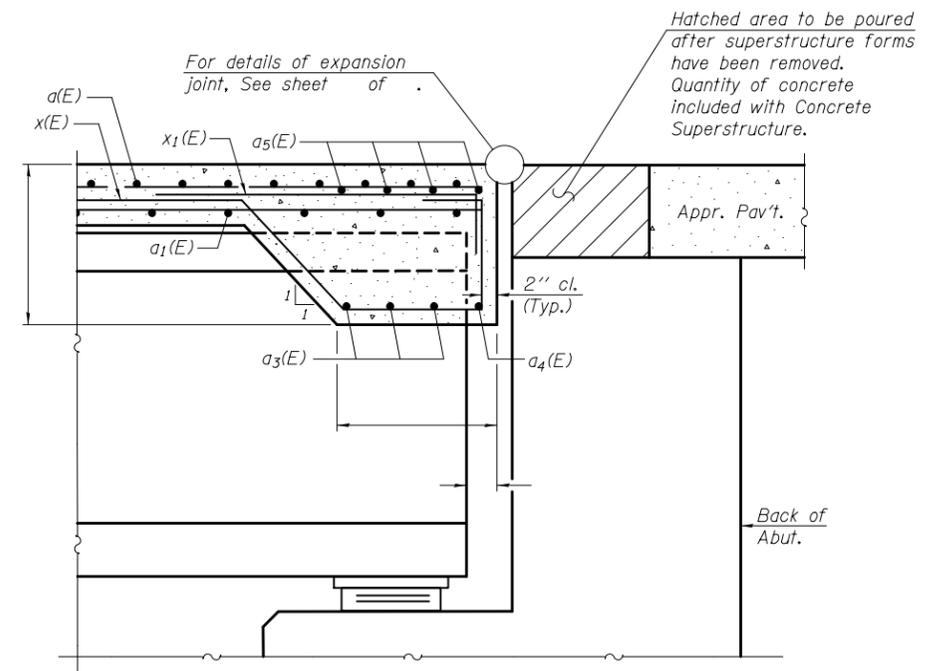
**STATE OF ILLINOIS
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**DIAPHRAGM DETAILS
 STRUCTURE NO.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. Ls)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x1(E) see sheet of .

DEA-IL4554-LR

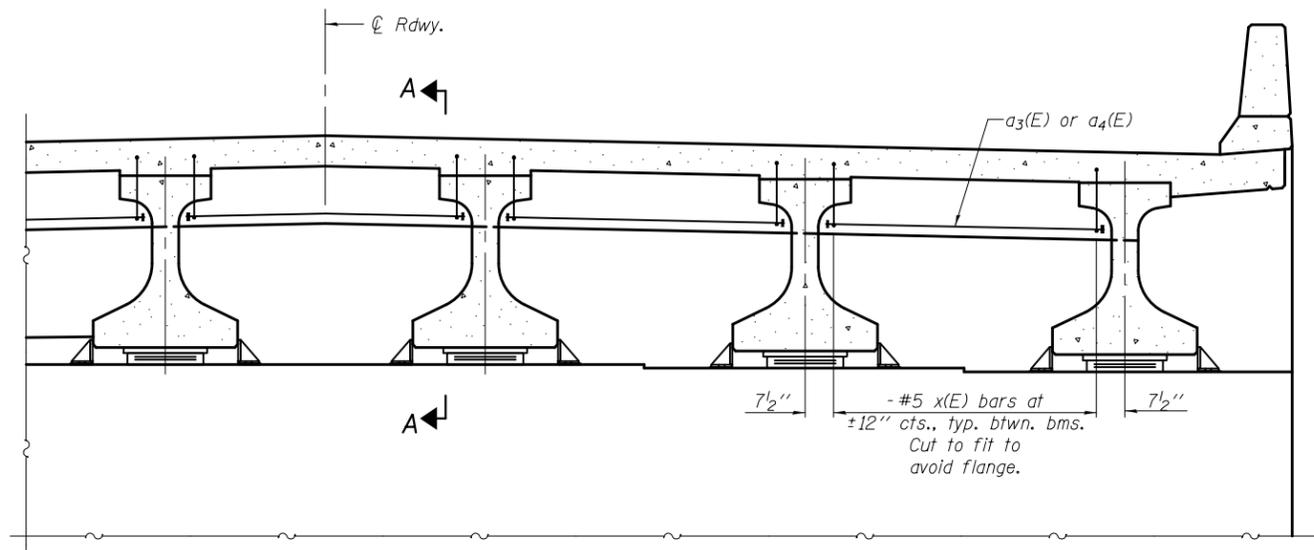
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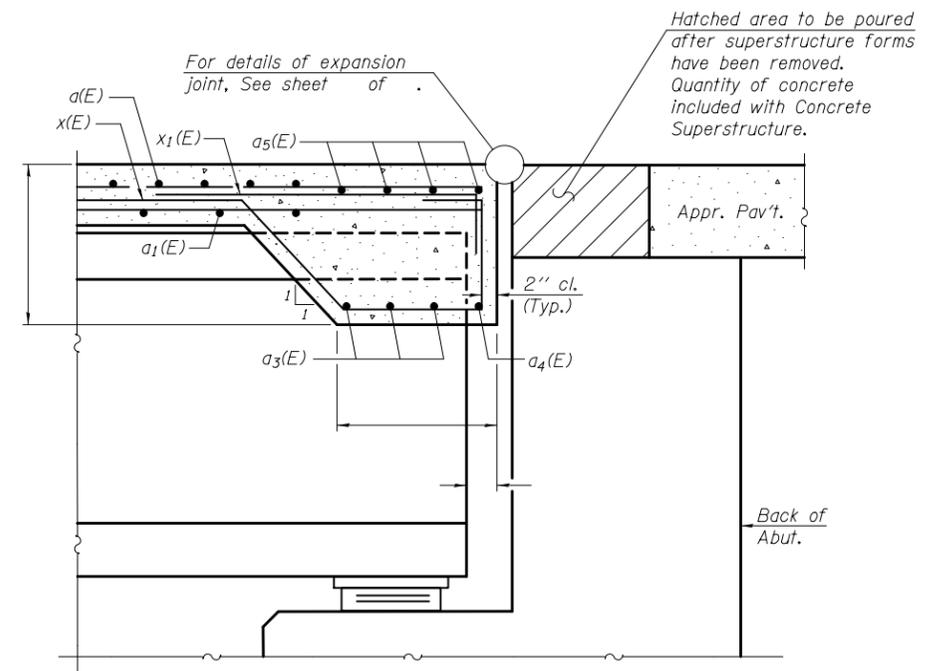
**STATE OF ILLINOIS
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**DIAPHRAGM DETAILS
 STRUCTURE NO.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars x(E) and x₁(E) see sheet of .

DEA-IL4554N-0

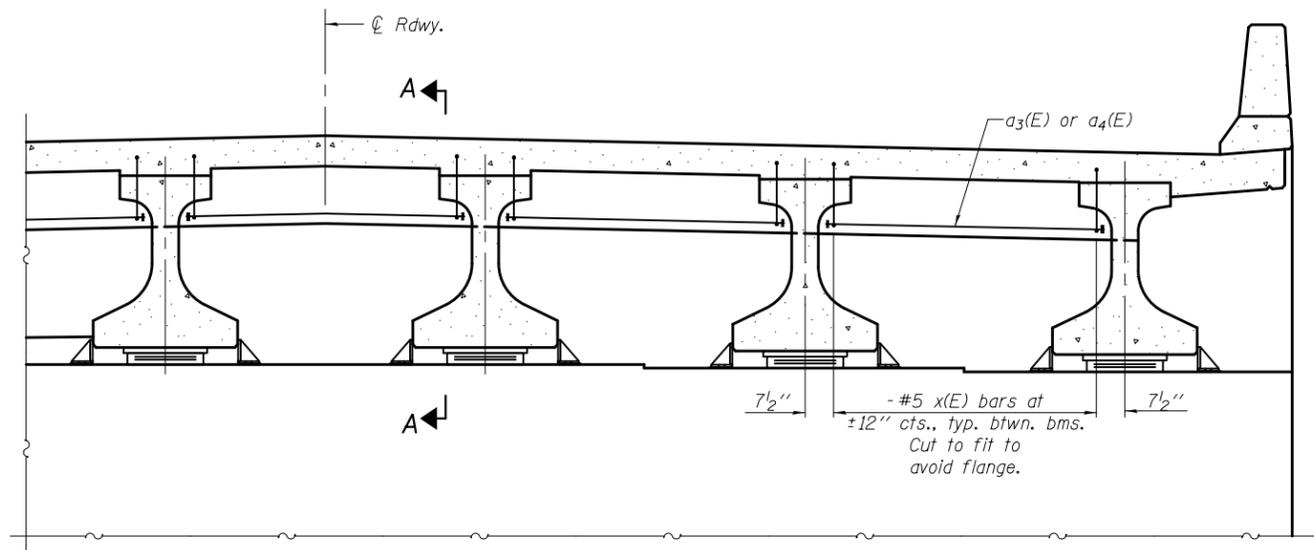
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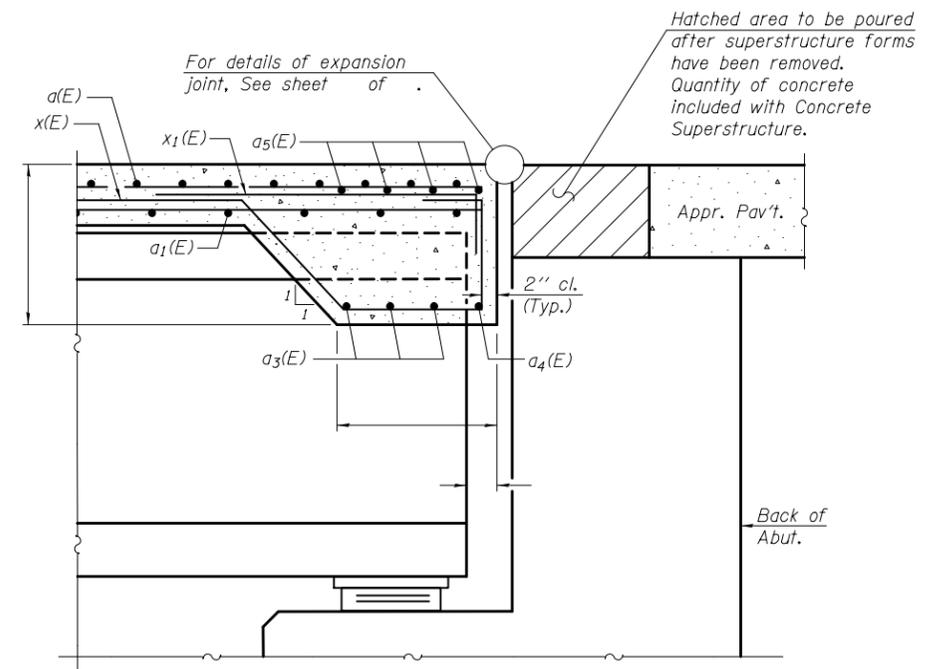
**STATE OF ILLINOIS
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**DIAPHRAGM DETAILS
 STRUCTURE NO.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. Ls)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x1(E) see sheet of .

DEA-IL4554N-LR

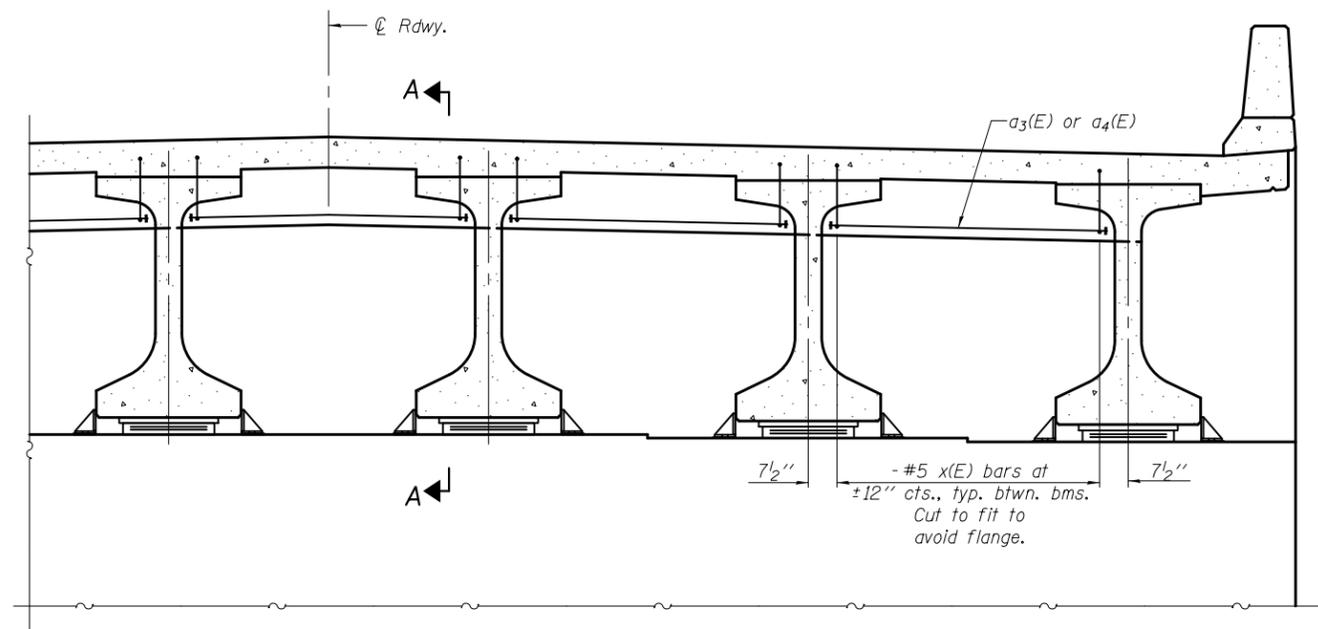
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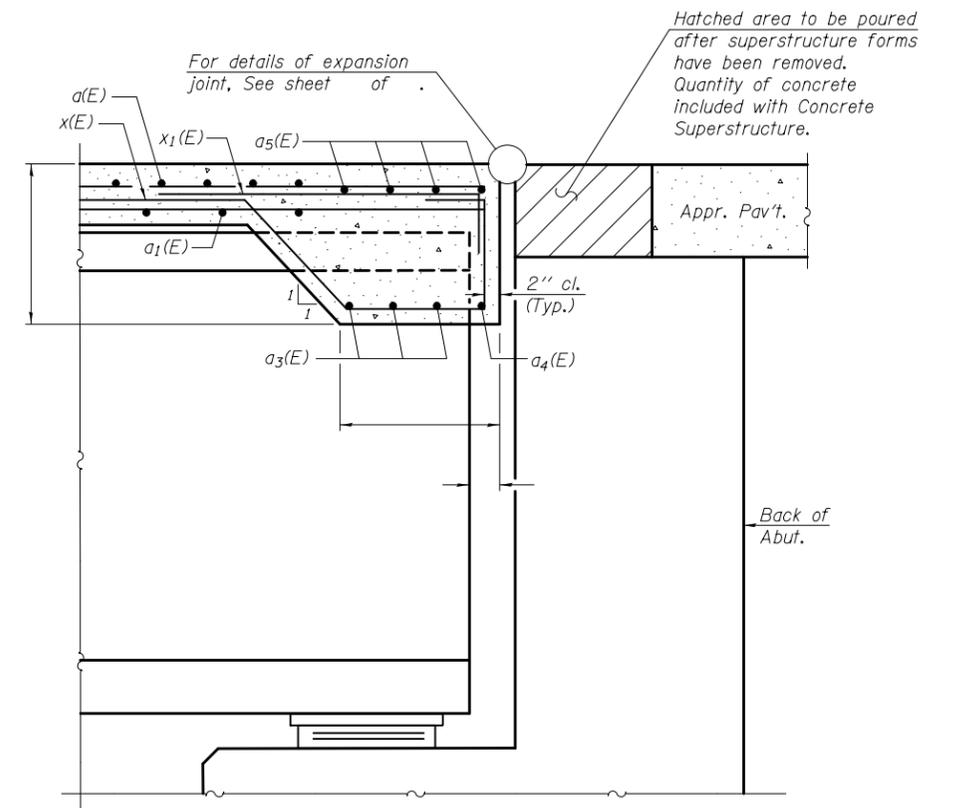
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIAPHRAGM DETAILS
STRUCTURE NO.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars x(E) and x1(E) see sheet of .

DEA-IL6372-0

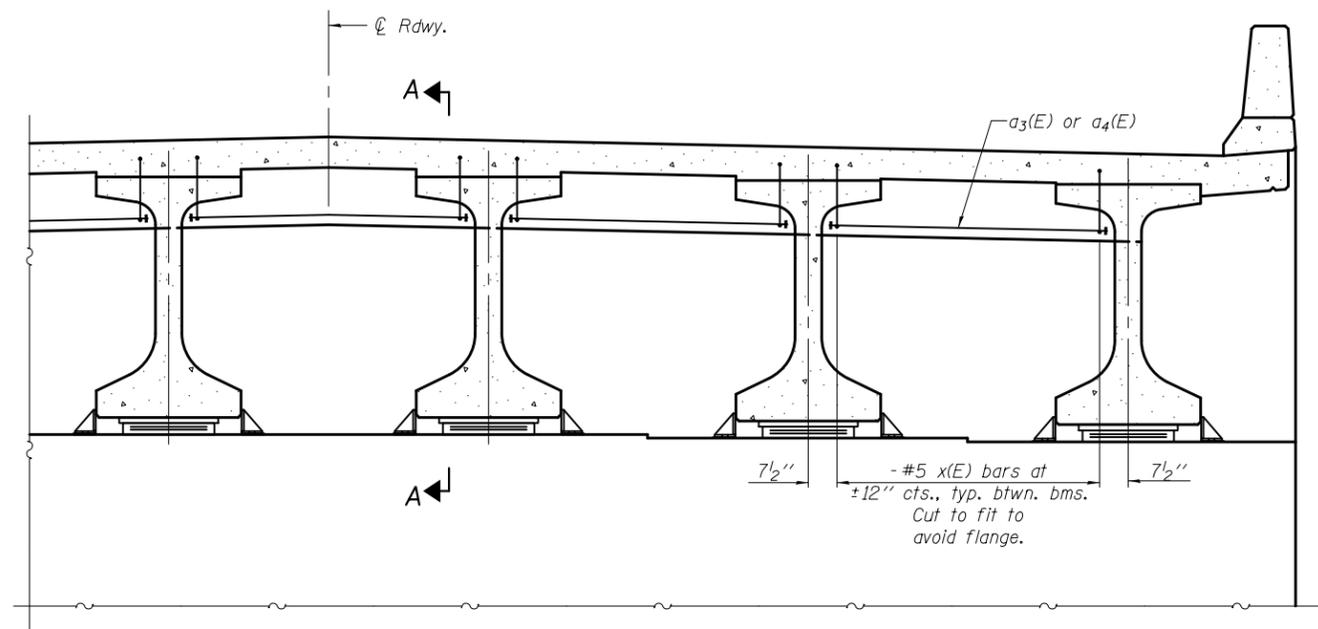
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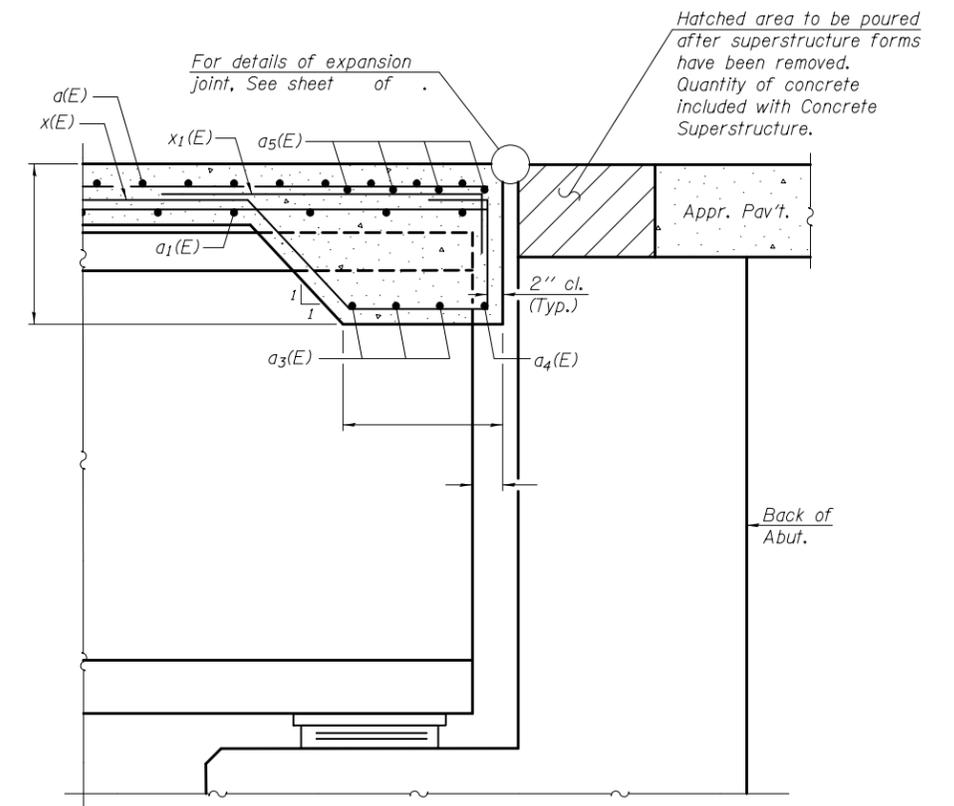
**STATE OF ILLINOIS
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**DIAPHRAGM DETAILS
 STRUCTURE NO.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. Ls.)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x₁(E) see sheet of .

DEA-IL6372-LR

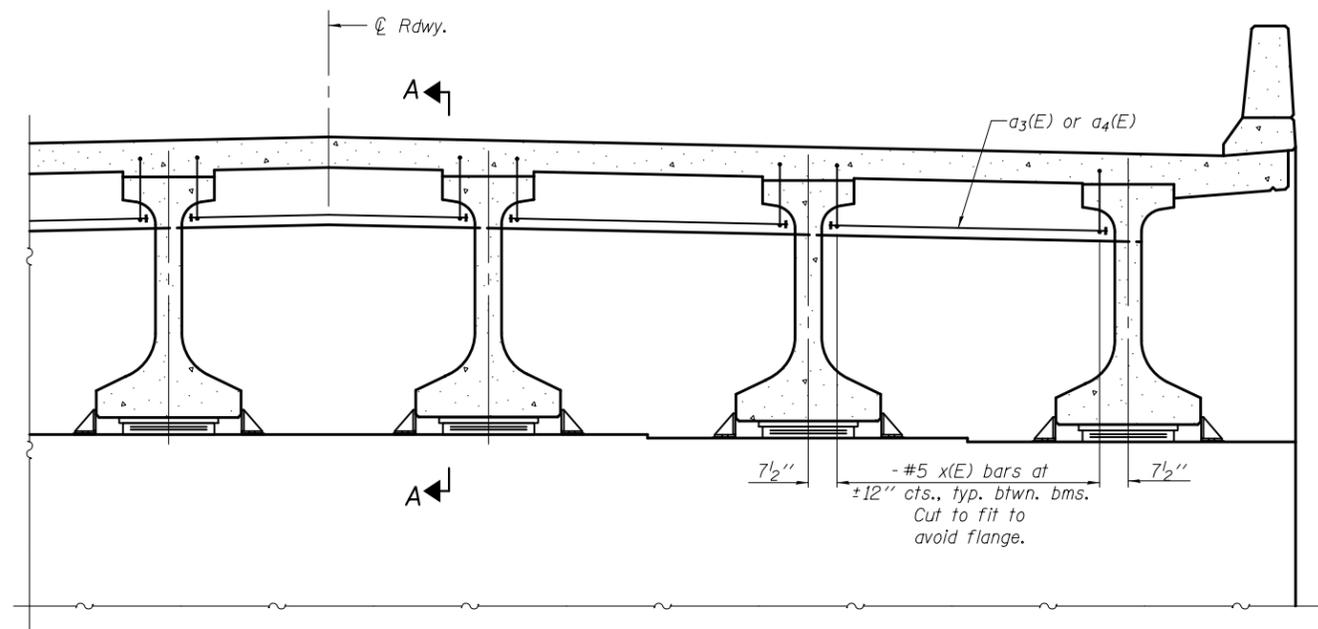
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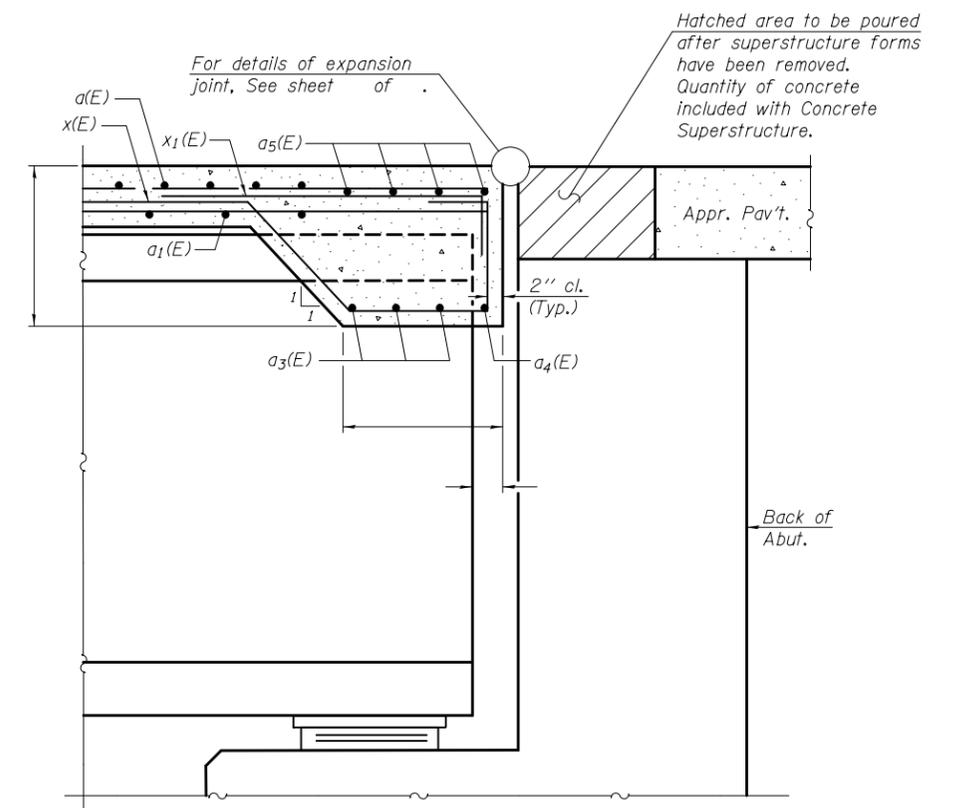
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 For details of bars $x(E)$ and $x_1(E)$ see sheet of .

DEA-IL6372N-0

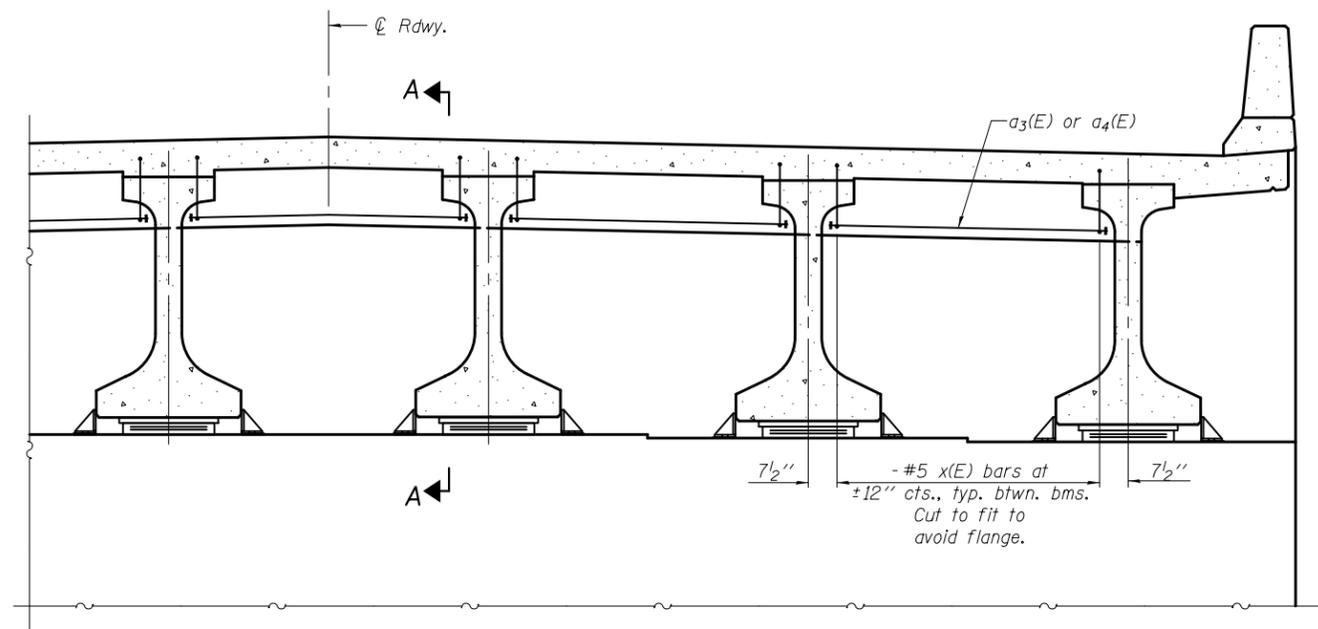
07-15-16

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
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		DRAWN -	REVISED -
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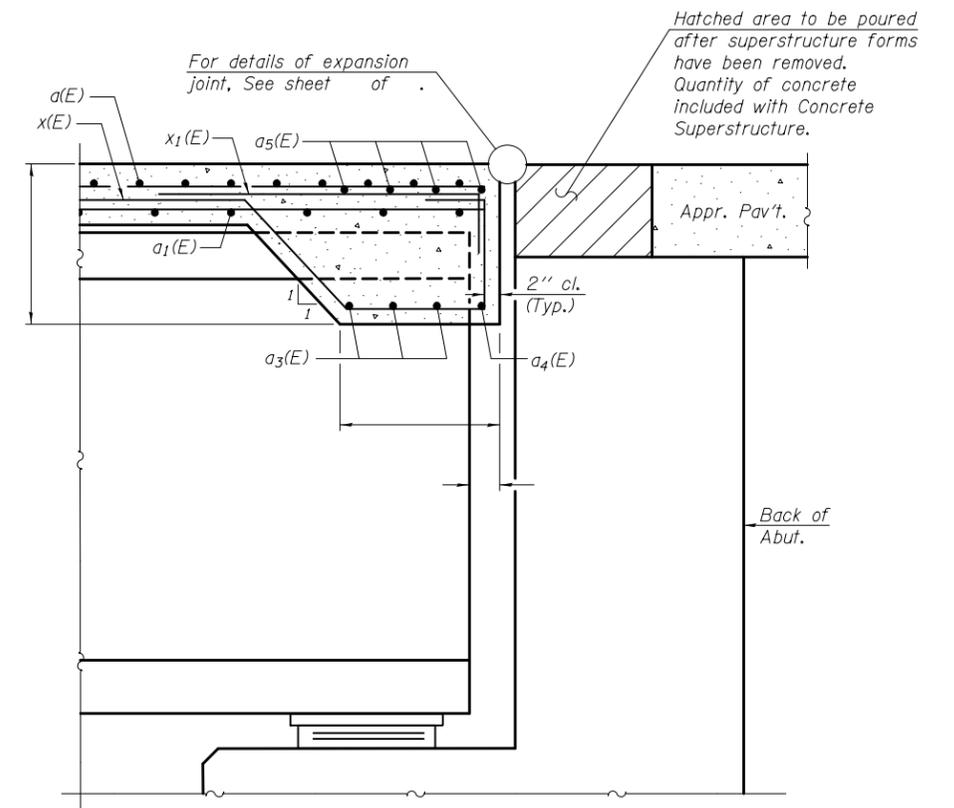
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DIAPHRAGM DETAILS
 STRUCTURE NO.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DIAPHRAGM AT ABUTMENT



SECTION A-A
(at Rt. Ls)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .
 The x(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
 For details of bars x(E) and x₁(E) see sheet of .

DEA-IL6372N-LR

07-15-16

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				