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<thead>
<tr>
<th>CELL / MODEL NAME</th>
<th>DESCRIPTION</th>
<th>DATE</th>
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<tbody>
<tr>
<td>DEA-BT6372-0</td>
<td>Diaphragm expansion abutments; Bulb T-Beam 63-72 inch beam depth</td>
<td>2/17/2017</td>
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<tr>
<td>DEA-BT6372-LR</td>
<td>Diaphragm expansion abutments; Bulb T-Beam 63-72 inch beam depth; L/R skew</td>
<td>2/17/2017</td>
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<tr>
<td>DEA-I3642-0</td>
<td>Diaphragm expansion abutments; I-Beam 36-42 inch beam depth</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; I-Beam 36-42 inch beam depth; L/R skew</td>
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<td>Diaphragm expansion abutments; I-Beam 48-54 inch beam depth</td>
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<td>2/17/2017</td>
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<td>DEA-IL27-0</td>
<td>Diaphragm expansion abutments; IL 27 inch beam depth</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 27 inch beam depth; L/R skew</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 36 inch beam depth</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 36 inch beam depth; L/R skew</td>
<td>2/17/2017</td>
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<td>DEA-IL36N-0</td>
<td>Diaphragm expansion abutments; IL 36 inch beam depth narrow top</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 36 inch beam depth narrow top; L/R skew</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 45-54 inch beam depth</td>
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<td>Diaphragm expansion abutments; IL 45-54 inch beam depth; L/R skew</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 45-54 inch beam depth narrow top</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 45-54 inch beam depth narrow top; L/R skew</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 63-72 inch beam depth</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 63-72 inch beam depth; L/R skew</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 63-72 inch beam depth narrow top</td>
<td>2/17/2017</td>
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<td>Diaphragm expansion abutments; IL 63-72 inch beam depth narrow top; L/R skew</td>
<td>2/17/2017</td>
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</tbody>
</table>
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
2-17-2017
Notes:
- Reinforcement bars in diaphragm are billed with superstructure on sheet [E].
- Concrete in diaphragm is included with Concrete Superstructure on sheet [E].
- The [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 [E] and [E] see sheet [E].
- Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.
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.

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.
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.

DIAPHRAGM AT ABUTMENT

SECTION A-A

For details of expansion joint, see sheet of.
Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.

Reinforcement bars in diaphragm are billed with superstructure on sheet of.
Concrete in diaphragm is included with Concrete Superstructure on sheet of.
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.

Hatched area to be poured after superstructure forms have been removed.
Quantity of concrete included with Concrete Superstructure.

DIAPHRAGM AT ABUTMENT

SECTION A-A

DEA-14854-0
2-17-2017
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.
- Hatched area to be poured after superstructure forms have been removed.
- Quantity of concrete included with Concrete Superstructure.

DIAPHRAGM AT ABUTMENT

For details of expansion joint, see sheet of.

SECTION A-A

Appr. Pav't.

±12" cts., typ. btwn. bms.

210x17-2017
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.

DIAPHRAGM AT ABUTMENT

SECTION A-A

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.

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.

DIAPHRAGM AT ABUTMENT

SECTION A-A

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.

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.

DIAPHRAGM AT ABUTMENT

SECTION A-A

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.

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.

DIAPHRAGM AT ABUTMENT

SECTION A-A

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.

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.
Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet of .

Concrete in diaphragm is included with Concrete Superstructure on sheet of .

The WE1 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 .

For details of expansion joint, see sheet of .

Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.

Notes: -

Concrete in diaphragm is included with Concrete Superstructure on sheet of .

The WE1 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 .

For details of expansion joint, see sheet of .

Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.

Notes: -

Concrete in diaphragm is included with Concrete Superstructure on sheet of .

The WE1 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 .

For details of expansion joint, see sheet of .

Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.

Notes: -

Concrete in diaphragm is included with Concrete Superstructure on sheet of .

The WE1 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 .

For details of expansion joint, see sheet of .

Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.

Notes: -

Concrete in diaphragm is included with Concrete Superstructure on sheet of .

The WE1 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 .

For details of expansion joint, see sheet of .

Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.
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 x1(E) see sheet of.

DEA-IL36-0
2-17-2017
Notes:
Reinforcement bars in diaphragm are billed with superstructure on sheet A1(E).
Concrete in diaphragm is included with Concrete Superstructure on sheet A5(E).
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 A3(E).

For details of expansion joint, See sheet A4(E).

Appr. Pav't. joint, See sheet A4(E).

Cut to fit to avoid flange.
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

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.

For details of expansion joint, see sheet of.

Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.

Appr. Pav't.
Notes:
- Reinforcement bars in diaphragm are billed with superstructure on sheets A(y) or A(y1) of the structure.
- Concrete in diaphragm is included with Concrete Superstructure on sheet of the structure.
- For details of bars x(E) and x1(E) see sheet of the structure.

DIAPHRAGM AT ABUTMENT

For details of expansion joint, see sheet of the structure.

MATCHED AREA TO BE Poured AFTER SUPERSTRUCTURE FORMS HAVE BEEN REMOVED.

Quantity of concrete included with Concrete Superstructure.

DEA-114554-0

2-17-2017
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 WE3 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.

For details of expansion joint, see sheet of.

Hatched area to be poured after superstructure forms have been removed.

Concerning the quantity of concrete included with Concrete Superstructure.

DEA-IL-6554-LR

2-17-2017

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS
STRUCTURE NO.
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

Notes:
Hatches area to be poured after superstructure forms have been removed.
Quantity of concrete included with Concrete Superstructure.

DEA-IL4554N-0
2-17-2017
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.
- Matched area to be poured after superstructure forms have been removed.
- Quantity of concrete included with Concrete Superstructure.

For details of expansion joint, see sheet of.
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.

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 .
- Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.

For details of expansion joint, see sheet of .

- Threads are ±12" cts., typ. between beams.
- #5 x(E) bars at 2" cl.
- For Appendix A see sheet of .

DEA-IL6372-LR

2-17-2017
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 x1(E) see sheet of.

For details of expansion joint, see sheet of "Typ."
Notes:
1. Reinforcement bars in diaphragm are billed with superstructure on sheet A1.
2. Concrete in diaphragm is included with Concrete Superstructure on sheet A1.
3. The #5 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 A1.
4. The hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete Superstructure.