BRIDGE BARRIER RAILING, TYPE 6 OUTSIDE ELEVATION

2'-4" MIN. LAP (TYP)

3'-6" MIN. LAP EA#6 BARS (TYP)

2"-4" MIN. LAP EA#6 BARS (TYP)

EXPANSION JOINT

- SEE NOTES

SECTION A-A

NO AESTHETIC TREATMENT

END OF BARRIER

TOP OF SLAB

3/4" BEVEL

3'-6"

1'-5"

1'-8"

 EA#5 BAR

EA#6 BAR

EA#5 BAR OUTSIDE ELEVATION

EZ2#4 BARS @ 8"

EZ1#4 BARS @ 8"

BARRIER REFLECTOR MARKER

FORMING NOT REQUIRED

2" X 6" KEYWAY

2"-4" KEYWAY

FORMING NOT REQUIRED

2" - 6" KEYWAY FORMING NOT REQUIRED

1'-5'/2" EA#5 BARS

1'-8" EA#5 BARS

3" EA#5 BARS

EAMS BAR (TYP)

EAMS BAR (TYP)

12 TOTAL

BARRIER REFLECTOR MARKER

+ SEE NOTES

- SEE NOTES

- SEE SHEET 6

TRANSITION SECTION

EW#5 BARS IN EA#5 BARS
SECTION A-A

BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 1

THE TYPE AND LIMITS OF THE AESTHETIC TREATMENT,
(If applicable, are as detailed on the plans.)
SECTION A-A
BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 2

THE TYPE AND LIMITS OF THE AESTHETIC TREATMENT, IF APPLICABLE, ARE AS DETAILED ON THE PLANS.
LIGHT STANDARD DETAILS

NO AESTHETIC TREATMENT ON LIGHT STANDARD 1'-10" x 9½" PROTRUSION
BRIDGE RAILING, TYPE 6 will include the transition sections.

Bridge railing, Type 6 will include the transition sections.

10'-0"  Bridge Approach  10'-0"

Endwall  Bridge Deck  Endwall
Transition Section  Normal Section  Transition Section

* Varies

Bridge approach  Bridge Deck  Bridge Approach

Sleeper Slab  Ref. Line  Sleeper Slab

Bridge Barrier Railing, Type 6

Plan View

* Dependant upon bridge approach length, the transition section can be partly on bridge deck or if no approach slab is present, entirely on the bridge deck.
BARRIER RAILING, TYPE 6

LOCATION OF STRUCTURE NAME PLATE

TWO TRIANGULAR PANELS. TOP TRANSITIONS FROM 9\(\frac{3}{4}\)" (10 \(\frac{3}{4}\)"") TO 12" (13") AND BOTTOM TRANSITIONS FROM 1'-5\(\frac{1}{4}\)" (11'-6\(\frac{1}{4}\)"") TO 12" (13") DEPENDANT UPON AESTHETIC TREATMENT. SEE SECTION D-D ON SHEET 7.

ELEVATION VIEW

2'-8\(\frac{3}{4}\)

1'-9"

3'-6"

3'-4" ENDWALL

6'-8" TRANSITION

10'-0" ENDWALL TRANSITION SECTION

NORMAL BARRIER SECTION

EQUIVALENT OF BOLTS FOR GUARDRAIL ANCHORAGE

SEE STANDARD PLAN K-67-SERIES FOR DETAILS. BOLTS TO BE FURNISHED AND INSTALLED BY THE BRIDGE CONTRACTOR. INCLUDED IN THE BID ITEM "BRIDGE BARRIER RAILING, TYPE 6".
SECTION C-C

UNIROMLY TRANSITION BARRIER FACE FROM SINGLE SLOPE SHAPE TO VERTICAL WALL

SECTION D-D

SECTION E-E

- 2½" BRIDGE BARRIER RAILING, TYPE 6 (+ SEE NOTES)
- 2½" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 1 (+ SEE NOTES)
- 2½" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 2
- 9½" BRIDGE BARRIER RAILING, TYPE 6 (+ SEE NOTES)
- 9½" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 1 (+ SEE NOTES)
- 10½" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 2
- 12" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 1 (+ SEE NOTES)
- 13" BRIDGE BARRIER RAILING, AESTHETIC, TYPE 6, DET 2

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR
BRIDGE BARRIER RAILING, TYPE 6
### ENDWALL TRANSITION SECTION BARS

<table>
<thead>
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<th># of bars</th>
<th>c</th>
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<th>a</th>
<th>g</th>
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<th>L</th>
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<td>3'&quot;</td>
<td>6'-8&quot;</td>
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\[ L = c + a + g \]

### ENDWALL TRANSITION SECTION BARS

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<td>EW5</td>
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<td>EW6</td>
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\[ L = c + e + h \]

### BARRIER SECTION BARS

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\[ L = a + b + c + e \]

### BARRIER SECTION BARS

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\[ L = a + b + c + e \]

### BARRIER SECTION BARS

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\[ L = a + b + c + e + f \]

### ENDWALL TRANSITION SECTION BARS

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\[ L = a + b + c + e + f \]

**NOTES:**

- DETAILS SHOWN ARE IN ACCORDANCE WITH CURRENT AASHTO SPECIFICATIONS.
- FOR LIGHT STANDARD ANCHOR BOLT ASSEMBLY DETAILS, SEE STANDARD PLAN B-103-SERIES.
- ALL WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- + BACK OF BARRIER TO SLAB FASCIA MAY BE DECREASED TO 1½" (FROM 2½") AND THE END OF BARRIER SHIFTED ACCORDINGLY TO ACCOMMODATE THE NEED FOR INCREASED OR MAINTAINING SMALLER WIDTHS. DISTANCE TO BE DETAILED ON THE PLANS.
- ++ BRIDGE BARRIER ORIENTATION:
  - PERPENDICULAR TO PLANE OF SLAB ON NORMAL CROWN SECTION AND HIGH SIDE OF SUPERELEVATION SECTION.
  - VERTICAL ON LOW SIDE OF SUPERELEVATED SECTION.