



FLASHING INSTALLATION DETAIL

TYPICAL DECK CROSS SECTION

Construction Depth - Spans 1 & 4

- 7<sup>5</sup>/<sub>16</sub>" Rail
- 5<sup>15</sup>/<sub>16</sub>" Tie Pl.
- 7" Tie
- 12" Ballast (Min.)
- 1" 2<sup>1</sup>/<sub>2</sub>" Layers Asphalt Plank
- 3<sup>32</sup>/<sub>16</sub>" Butyl Rubber Membrane Waterproofing
- 5<sup>8</sup>/<sub>16</sub>" Deck Plate
- 35<sup>7</sup>/<sub>8</sub>" Beam W36x150

5'-4<sup>7</sup>/<sub>8</sub>" ± Construction Depth (Min.)

Construction Depth - Spans 2 & 3

- 7<sup>5</sup>/<sub>16</sub>" Rail
- 5<sup>15</sup>/<sub>16</sub>" Tie Pl.
- 7" Tie
- 12" Ballast (Min.)
- 1" 2<sup>1</sup>/<sub>2</sub>" Layers Asphalt Plank
- 3<sup>32</sup>/<sub>16</sub>" Butyl Rubber Membrane Waterproofing
- 5<sup>8</sup>/<sub>16</sub>" Deck Plate
- 41<sup>1</sup>/<sub>4</sub>" Beam W40x431

5'-10<sup>1</sup>/<sub>4</sub>" ± Construction Depth (Min.)

NOTES:

1. T/Rail to T/Tie = 8<sup>1</sup>/<sub>4</sub>". Dimension includes 7<sup>5</sup>/<sub>16</sub>" height of 136 lb. rail and a 5<sup>15</sup>/<sub>16</sub>" tie plate.
2. For Waterproofing Details see Sheet UP-22.



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312-565-0450 Job No. 10074

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

M.P. 37.71 BELVIDERE SUBDIVISION - STRUCTURE NO. 045-3168  
DECK CROSS SECTION

SHEET NO. UP-21 OF UP-52 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-16-RP	KANE	451	281
			CONTRACT NO. 63598	
ILLINOIS FED. AID PROJECT				

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