

**GENERAL NOTES**

1. This sheet shall be used in conjunction with Standard Drawings 601-CWGS-01 through 06, and 601-CWGT-01 and 02 when a curved W-beam guardrail system is specified.
  2. The curved W-beam guardrail system type to be used shall be as shown on the plans in accordance with Table E-4-2.
  3. Except where otherwise shown, all hardware and installation shall be the same as for the guardrail specified for the adjacent run.
  4. Curved W-beam guardrail terminal systems shall be used to terminate a run of guardrail only on driveways. On public road approaches, a curved W-beam guardrail connector system shall be used.
- ⑤ A maximum of two guardrail panels may be omitted from the curved W-beam guardrail terminal system only when the bridge railing falls outside of the clear zone and the plans specifically state that panels are to be omitted. See Table E-4-2 for the number of guardrail panels removed for each curved W-beam guardrail system type.
- ⑥ For the 2590 radius curved W-beam guardrail terminal system, guardrail shall not be bolted to this post.
7. The embankment slope behind the curved W-beam guardrail system shall be 2:1 or flatter.
  - ⑧ A 1220 shoulder shall be used with a 4570 drive radius.
  - ⑨ This dimension shall be 1518 for the 10670 radius curved W-beam guardrail connector system.

TABLE E-4-2		
CURVED W-BEAM GUARDRAIL SYSTEMS		
TYPE	RADIUS	NUMBER OF 1905 PANELS REMOVED
<b>TERMINAL SYSTEM</b>		
1	2590	0
2	2590	1
3	2590	2
4	5180	0
5	5180	1
6	5180	2
7	7770	0
8	7770	1
9	7770	2
<b>CONNECTOR SYSTEM</b>		
1	7770	0
2	10670	0

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>CURVED W-BEAM GUARDRAIL SYSTEM</b>	
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STANDARD DRAWING NO. <b>601-CWGS-03</b>	
	/s/ Anthony L. Uremovich 9-01-99 DESIGN STANDARDS ENGINEER DATE
	/s/ Donald W. Lucas 9-01-99 CHIEF HIGHWAY ENGINEER DATE