GENERAL NOTES

1. This drawing shall be used in conjunction with Standard Drawings E 601-CWGS-01 through 06, and E 601-CWGT-01 and 02 where 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 CWGS-3.

3. Except where otherwise shown, all hardware and installation shall be the same as for the guardrail specified for the adjacent run.

4. A curved W-beam guardrail terminal system shall be used to terminate a run of guardrail only at a driveway. For a public road approach, 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 where the bridge railing falls outside of the clear zone and the plans specifically state that panels are to be omitted. See Table CWGS-3 for the number of guardrail panels to be removed for each curved W-beam guardrail system type.

(6) For the 8'-6 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 4 ft shoulder shall be used with a 15 ft drive radius.

(9) This dimension shall be 5 ft for the 35 ft radius curved W-beam guardrail connector system.

TABLE CWGS-3

CURVED W-BEAM GUARDRAIL SYSTEMS

TYPE	RADIUS	NUMBER OF 6'-3 PANELS REMOVED
TERMINAL SYSTEM		
1	8'-6	0
2	8'-6	1
3	8'-6	2
4	17'-0	0
5	17'-0	1
6	17'-0	2
7	25'-0	0
8	25'-0	1
9	25'-0	2
CONNECTOR SYSTEM		
1	25'-0	0
2	35'-0	0

INDIANA DEPARTMENT OF TRANSPORTATION

CURVED W-BEAM GUARDRAIL SYSTEM

SEPTEMBER 1999

STANDARD DRAWING NO. **E 601-CWGS-03**

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DESIGN STANDARDS ENGINEER

DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99
CHIEF HIGHWAY ENGINEER DATE

ORIGINALLY APPROVED 9-01-99