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
TERMINAL SYSTEM		
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
CONNECTOR SYSTEM		
1	7770	0
2	10670	0

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

CURVED W-BEAM GUARDRAIL SYSTEM

SEPTEMBER 1999

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

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Anthony L. Uremovich 9-01-99
DESIGN STANDARDS ENGINEER DATE

/s/ Donald W. Lucas 9-01-99
CHIEF HIGHWAY ENGINEER DATE

Source Sheet: E-4