



**NOTES:**

1. Grading requirements shown are for 5'-6 or larger structures, and three-sided structures on project constructed on new alignment for design speed of 70 mph rural divided highway.
2. Grading shown above is applicable for 25'-0 span nested guardrail also.
3. Grading requirements for 5'-6 or larger structures and three sided structures constructed on existing alignments at all design speeds are shown in standard Drawings E 601-GRET 06 through 09.

INDIANA DEPARTMENT OF TRANSPORTATION									
<b>GRADING REQUIREMENTS FOR LARGE DRAINAGE STRUCTURE</b>									
SEPTEMBER 2001									
STANDARD DRAWING NO. E 601-GRET-12									
	<table style="width: 100%; border: none;"> <tr> <td style="font-size: small;">/s/ Richard L. VanCleave</td> <td style="font-size: small;">9-04-01</td> </tr> <tr> <td style="font-size: x-small;">DESIGN STANDARDS ENGINEER</td> <td style="font-size: x-small;">DATE</td> </tr> <tr> <td style="font-size: small;">/s/ Firooz Zandi</td> <td style="font-size: small;">9-04-01</td> </tr> <tr> <td style="font-size: x-small;">CHIEF HIGHWAY ENGINEER</td> <td style="font-size: x-small;">DATE</td> </tr> </table>	/s/ Richard L. VanCleave	9-04-01	DESIGN STANDARDS ENGINEER	DATE	/s/ Firooz Zandi	9-04-01	CHIEF HIGHWAY ENGINEER	DATE
/s/ Richard L. VanCleave	9-04-01								
DESIGN STANDARDS ENGINEER	DATE								
/s/ Firooz Zandi	9-04-01								
CHIEF HIGHWAY ENGINEER	DATE								
DESIGN STANDARDS ENGINEER									