### **GENERAL NOTES:**

1. W-Beam Guardrail shall be used where working width is less than 4 ft. 2. MGS W-Beam shall be used where working width is 4 ft or greater.

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2	W-Beam Guardrail, Multi-Lane Divided Roadway, Working Width $\geq$ 2' - 9" and < 3' - 3"
3	W-Beam Guardrail, Multi-Lane Divided Roadway, Working Width $\geq$ 3' - 3" and < 4' - 0"
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6	MGS W-Beam Guardrail, Multi-Lane Divided Roadway, Working Width $\geq$ 4' - 0" and < 4' - 5"
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9	MGS W-Beam Guardrail, Two-Lane Two-Way Roadway, Working Width $\geq$ 4' - 5" and < 5' - 0"



# INDIANA DEPARTMENT OF TRANSPORTATION

### ROADSIDE OBSTRUCTION PROTECTION **GUARDRAIL INDEX AND GENERAL NOTES**

## SEPTEMBER 2019

### STANDARD DRAWING NO.

### E 601-RHPG-01





- 1 ft 6 3/4 in. post spacing is specified on a divided lane roadway to shield an isolated or extended obstruction.
- 2. Dimensions and details not shown on this drawing shall be as shown on the plans.
- (3) The MGS height transition shall not be included in the length of the guardrail end treatment.
- 4. See Standard Drawing Series E 601-GCTA for cable terminal anchor system details.
- 5. See Standard Drawing Series E 601-WBGA for W-beam guardrail details.
- 6. See Standard Drawing E 601-MGSA-16 for MGS height transition details.







### TWO-LANE TWO-WAY ROADWAY GUARDRAIL LAYOUT

### NOTES: 1. This configuration shall be used where W-beam guardrail at 1 ft - 6 3/4 in. post spacing is specified on a two-lane two-way roadway to shield an isolated or extended obstruction. LEGEND: 2. Dimensions and details not shown on this drawing shall be as shown on the plans. L = Length of need(3) The MGS height transition shall not be included in the length of the guardrail end treatment. $\bigotimes$ = Isolated obstruction 4. See Standard Drawing Series E 601-WBGA for W-beam guardrail $\bigcirc$ = Extended obstruction details. EL 12 5. See Standard Drawing E 601-MGSA-16 for MGS height transition details.









### NOTES:

- 1. This configuration shall be used where MGS W-beam guardrail at 1 ft - 6 3/4 in. post spacing is specified on a divided lane roadway to shield an isolated or extended obstruction.
- 2. Dimensions and details not shown on this drawing shall be as shown on the plans.
- (3) Posts at 3 ft 1 1/2 in. spacing shall not be included in the length of the guardrail end treatment.
- 4. See Standard Drawing Series E 601-MGSA for MGS cable terminal anchor system details.
- 5. See Standard Drawing Series E 601-MGSA for MGS W-beam guardrail details.





# NOTES: 1. This configuration shall be used where MGS W-beam guardrail at 1 ft - 6 3/4 in. post spacing is specified on a two-lane two-way roadway to shield an isolated or extended obstruction. 2. Dimensions and details not shown on this drawing shall be as shown on the plans. (3) Posts at 3 ft - 1 1/2 in. spacing shall not be included in the length of the guardrail end treatment. 4. See Standard Drawing Series E 601-MGSA for MGS W-beam guardrail details.



### TWO-LANE TWO-WAY ROADWAY GUARDRAIL LAYOUT

### NOTES:

- 1. This configuration shall be used where MGS W-beam guardrail at 3 ft - 1 1/2 in. post spacing is specified on a two-lane two-way roadway to shield an isolated or extended obstruction.
- 2. Dimensions and details not shown on this drawing shall be as shown on the plans.
- (3) Posts at 3 ft 1 1/2 in. spacing shall not be included in the length of the guardrail end treatment.
- 4. See Standard Drawing Series E 601-MGSA for MGS W-beam guardrail details.

### LEGEND:

- L = Length of need
- $\bigotimes$  = Isolated obstruction
- = Extended obstruction



