This sheet details a median barrier guardrail system with a single rubrail. ODOT Type 5MR, to be installed in locations shown on the project plans.

**DESCRIPTION:**
The barrier system detailed on this sheet depicts a barrier guardrail system consisting of a single side w-beam guardrail run mounted on a single steel post with blockouts supporting the rail elements. A channel rub rail is to be affixed to the steel posts on the ditch side of the barrier run as shown.

**INTRODUCTION/TERMINATION OF RUBRAIL**
In both cases, attach the rubrail to the first (or last) post. On the trailing end, do not bend the rubrail behind the last post as shown. This rubrail is bolted at every post using FBB04 bolt and nut. The configuration shown here is not to be used in any end terminals, bridge terminal assemblies, or impact attenuators. Those systems are to be installed as per other standard drawings or manufacturer's instructions. Introduce the rubrail terminal assemblies, or impact attenuators. Those systems are to be installed as per other standard drawings or manufacturer's instructions. Introduce the rubrail terminal assemblies, or impact attenuators. Those systems are to be installed as per other standard drawings or manufacturer's instructions. Introduce the rubrail terminal assemblies, or impact attenuators. Those systems are to be installed as per other standard drawings or manufacturer's instructions.

**PAYMENT:**
Item 606 Guardrail Type 5MR is paid in Lineal Feet for the length specified in the plans.

**MATERIALS:**
Posts are to be standard length steel W6x9 (W6x8.5) rolled or welded guardrail posts. Wood or alternate guardrail posts are not permitted. Blockouts are to be as per standard drawings or manufacturer's instructions. Introduce the rubrail terminal assemblies, or impact attenuators. Those systems are to be installed as per other standard drawings or manufacturer's instructions. Introduce the rubrail terminal assemblies, or impact attenuators. Those systems are to be installed as per other standard drawings or manufacturer's instructions. Introduce the rubrail terminal assemblies, or impact attenuators. Those systems are to be installed as per other standard drawings or manufacturer's instructions.

**MOUNTING HEIGHT:**
The Type 5MR is to be mounted at 27.75 inches to the top of the w-beam rail, or the closest paved shoulder as shown on the Measuring Guardrail Notes detail on this sheet. The Type 5MR is to be mounted at 27.75 inches to the top of the w-beam rail, or the closest paved shoulder as shown on the Measuring Guardrail Notes detail on this sheet. The Type 5MR is to be mounted at 27.75 inches to the top of the w-beam rail, or the closest paved shoulder as shown on the Measuring Guardrail Notes detail on this sheet. The Type 5MR is to be mounted at 27.75 inches to the top of the w-beam rail, or the closest paved shoulder as shown on the Measuring Guardrail Notes detail on this sheet.

**TERMINATION:**
The configuration shown here is not to be used in any end terminals, bridge terminal assemblies, or impact attenuators. Those systems are to be installed as per other standard drawings or manufacturer's instructions. Introduce the rubrail to approaching traffic by field bending the last 6'3" of rubrail to the left of the last post as shown. In both cases, attach the rubrail to the first (or last) post.

**STEEL POST**
See MATERIALS Note.