NOTES

1. Material Specifications:
   - Steel shapes & plates: ASTM A36 or ASTM A992
   - Bolts, nuts & washers: Standard Specifications unless otherwise noted
   - Section 9-16.8(1)

2. All steel posts and plates shall be galvanized in accordance with AASHTO M111 after fabrication. Bolts and hardware shall be galvanized in accordance with AASHTO M 232.

3. All bolt holes shall be 1/16" larger than the bolt diameter unless otherwise specified. Bolt lengths not shown shall be sized to provide a 1/4" (in) min. of thread exposed beyond the nut.

4. Dimensions shall be measured in the field by the contractor prior to fabrication of any components.

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(DESIGN A)

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(DESIGN B)
NOTES

1. Material Specifications:
   - Steel shapes & plates: ASTM A36 or ASTM A992
   - Bolts, nuts & washers: Standard Specifications Section 9-16.8(1)

2. All steel posts and plates shall be galvanized in accordance with AASHTO M111. After fabrication, bolts and hardware shall be galvanized in accordance with AASHTO M232.

3. All bolt holes shall be 1/16" (in) larger than the bolt diameter unless otherwise specified. Bolt lengths not shown shall be sized to provide a 1/4" (in) min. of thread exposed beyond the nut.

4. Dimensions shall be measured in the field by the contractor prior to fabrication of any components.

FILE NAME: S:\Design R P& S\4-Standards\2-Plan Sheet Library\4-Master PSL\TB) Traffic Barrier\TB-50 Type 3 Guardrail Anchor Retrofit for Thrie Beam\TB-50.dgn

LOCATION NO.: 10

PLOTTED BY: liddelf

TIME: 6/21/2022 9:06:27 AM

DATE: 9:06:27

FILE: TB-50

MATERIAL: TYPE 3 GUARDRAIL ANCHOR RETROFIT FOR THRIE BEAM

SECTION A

EXISTING TYPE 3 BEAM GUARDRAIL ANCHOR

BACK-UP PLATE

2'-0" LONG THRIE BEAM BACK-UP PLATE

PLAN VIEW

SECTION A

EXISTING TYPE 3 BEAM GUARDRAIL ANCHOR

BACK-UP PLATE

2'-0" LONG THRIE BEAM BACK-UP PLATE

PLAN VIEW

SECTION B

10-GAGE THRIE BEAM BACK-UP PLATE

2'-0"

1'-0"

1'-0"

10-GAGE THRIE BEAM BACK-UP PLATE

2'-0"

1'-0"

10-GAGE THRIE BEAM BACK-UP PLATE

2'-0"

1'-0"

10-GAGE THRIE BEAM BACK-UP PLATE

2'-0"

1'-0"

10-GAGE THRIE BEAM BACK-UP PLATE

2'-0"

1'-0"