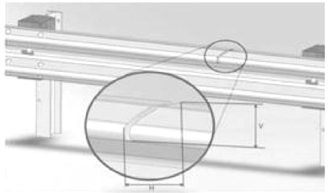
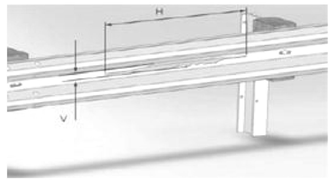
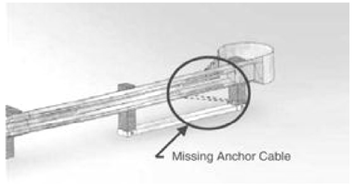
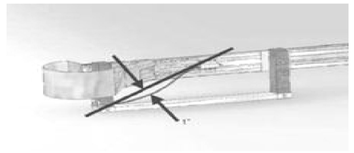
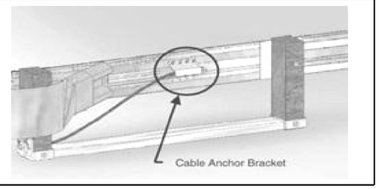
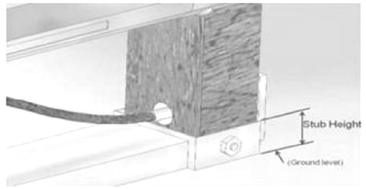
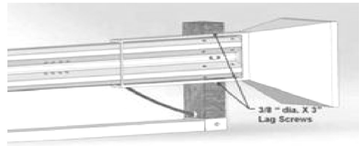
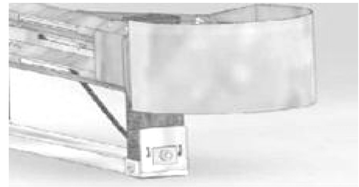
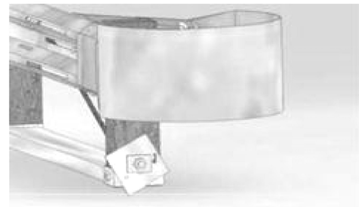
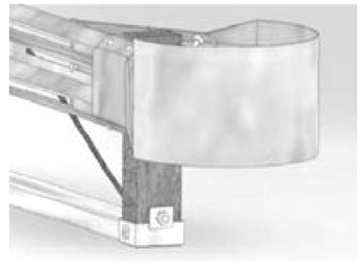
| DAMAGE TYPE | REPAIR THRESHOLD | RELATIVE PRIORITY | MEASUREMENT |
|---|---|---|---|
| VERTICAL TEAR | ANY LENGTH VERTICAL (TRANSVERSE) TEAR | HIGH |  |
| HORIZONTAL TEAR | HORIZONTAL (LONGITUDINAL) GREATER THAN 12 IN. LONG AND GREATER THAN 0.5 IN. WIDE<br><br>NOTE: FOR HORIZONTAL TEARS LESS THAN 12 IN. IN LENGTH OR LESS THAN 0.5 IN. IN HEIGHT, USE THE NON-MANUFACTURED HOLES GUIDELINES | MEDIUM |  |

| DAMAGE | REPAIR THRESHOLD | RELATIVE PRIORITY | MEASUREMENT |
|---|---|---|---|
| DAMAGED END POST | NOT FUNCTIONAL (SHEARED, ROTTED CRACKED ACROSS THE GRAIN) | HIGH | |
| ANCHOR CABLE | MISSING | HIGH |  |
| ANCHOR CABLE | LOOSE - MORE THAN 1IN. OF MOVEMENT WHEN PUSHED DOWN BY HAND | MEDIUM |  |
| CABLE ANCHOR BRACKET | LOOSE OR NOT FIRMLY SEATED IN RAIL | MEDIUM |  |

| DAMAGE | REPAIR THRESHOLD | RELATIVE PRIORITY | MEASUREMENT |
|---|---|---|---|
| STUB HEIGHT | HEIGHT WHICH EXCEEDS 4 IN. | MEDIUM |  |
| LAG SCREWS (ENERGY ABSORBING TERMINALS ONLY) | MISSING OR FAILED LAG SCREWS | HIGH |  |
| BEARING PLATE | LOOSE OR MISALIGNED | MEDIUM |  <br>(CORRECT BEARING PLATE)<br>  <br>(MISALIGNED BEARING PLATE) |
| | MISSING BEARING PLATE | HIGH |  <br>(MISSING BEARING PLATE) |

NOTES:

1. THESE ARE GUIDELINES FOR THE EVALUATION OF EXISTING GUARDRAIL. THESE ARE GUIDELINES ONLY AND THE CONTRACTOR SHALL REPLACE GUARDRAIL AS DIRECTED BY THE ENGINEER.

2. GUIDELINES ARE FROM THE NATIONAL HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 656, "CRITERIA FOR RESTORATION OF LONGITUDINAL BARRIERS", COPYRIGHT 2010.

3. WHEN GUARDRAIL IS TO BE REMOVED AND RESET, PANELS WITH A RAIL CROSS SECTION HEIGHT OF 15 INCHES OR GREATER SHALL BE REPLACED

NOT TO SCALE

PROJECT NAME: BERLIN-BARRE TOWN/NORTHFIELD-WILLIAMSTOWN/BROOKFIELD
PROJECT NUMBER: STP 2943(1)/STP 2959(1)/STP 2960(1)

FILE NAME: z11b338composite.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: S. SOLLA
GUARDRAIL REPLACEMENT GUIDELINES SHEET 2

PLOT DATE: 4/26/2016
DRAWN BY: O. DALMER
CHECKED BY: C. LATHROP
SHEET 13 OF 202