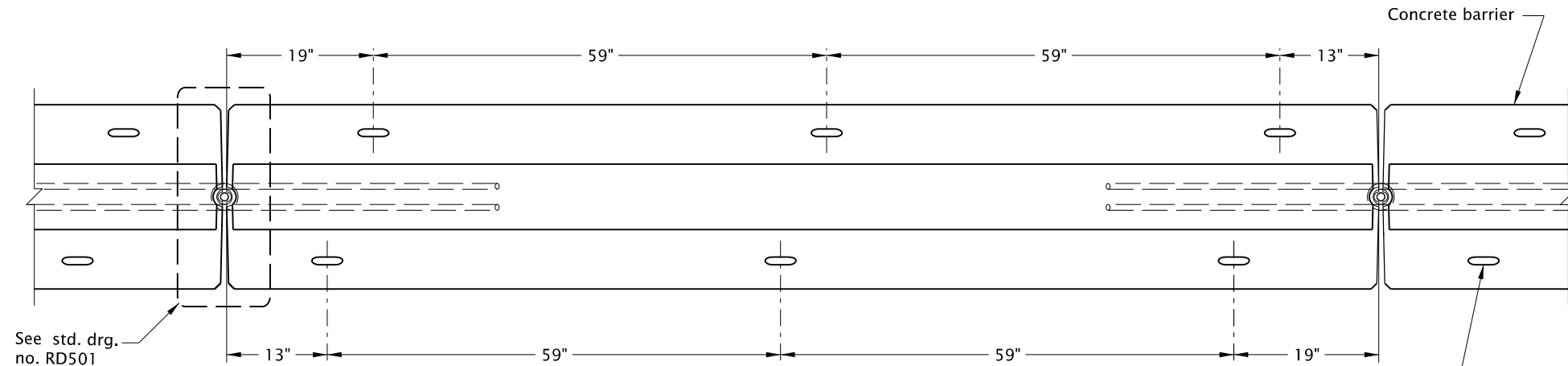
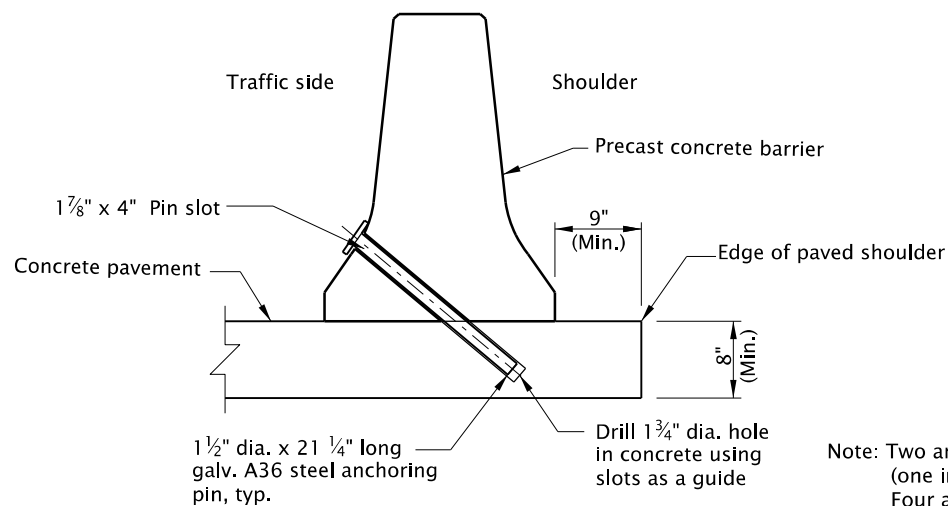


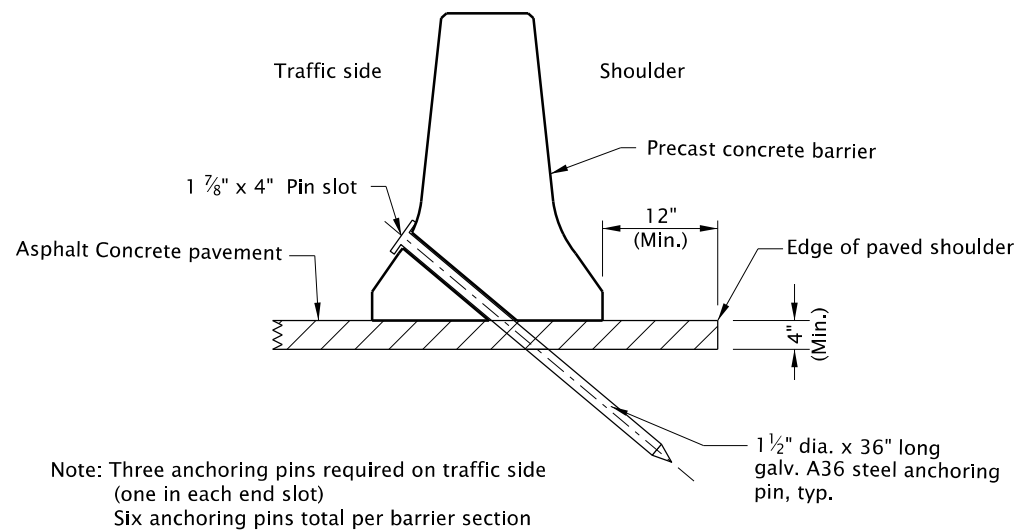


PLAN
CONCRETE BARRIER ANCHORING PIN LOCATIONS



Note: Two anchoring pins required on traffic side (one in each end slot)
Four anchoring pins total per barrier section

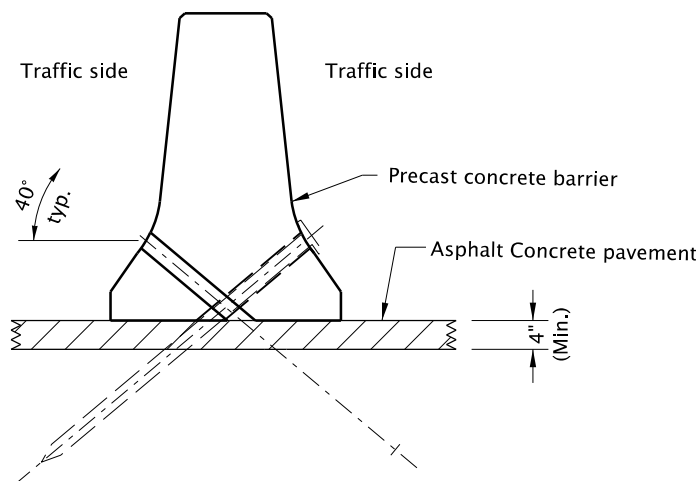
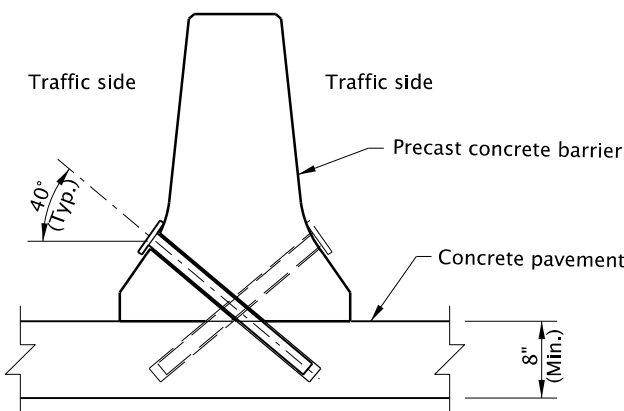
CONCRETE ANCHORING PIN DETAILS



Note: Three anchoring pins required on traffic side (one in each end slot)
Six anchoring pins total per barrier section

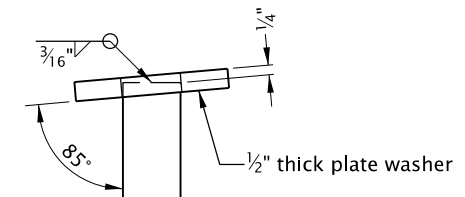
ASPHALT ANCHORING PIN DETAILS

METHODS OF SECURING CONCRETE BARRIER TO ROADWAY

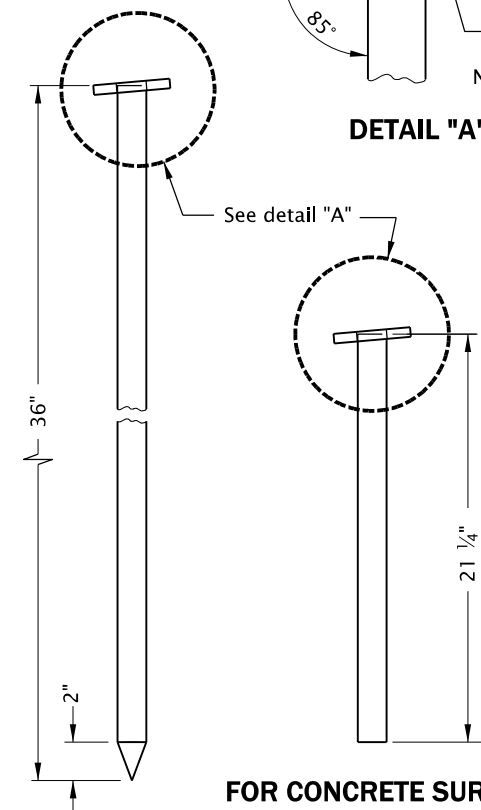


GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. This drawing applies to new permanent installations of concrete barrier (when being anchored) to the roadway. See Std. Dwgs. RD515 and RD516 for concrete barrier that is maintained for use in temporary installations. See Std. Dwgs. RD500 and RD501 for details not shown.
2. Concrete grout for grouting over pins, pinning holes or grouting of scuppers shall be portland cement grout, weak in strength and of thick consistency, as directed.
3. All pins, bolts, dowels, loop bars, and connectors shall be hot-dip galvanized after fabrication.



DETAIL "A"



FOR CONCRETE SURFACE

FOR ASPHALT SURFACE

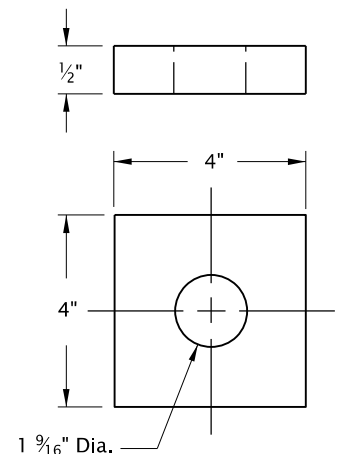


PLATE WASHER DETAIL

ANCHORING PIN ASSEMBLY DETAIL

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

SECURING 32" TYPE "F" AND TALL 42" PRECAST CONCRETE BARRIER TO THE ROADWAY

2024

DATE	REVISION	DESCRIPTION
12-2023	REVISED NOTES AND DETAILS	
06-2024	REVISED NOTES AND DETAILS	
CALC. BOOK NO.	N/A	SDR DATE 12-JUL-2024

RD502

Effective Date: June 1, 2026 – November 30, 2026