



Notes:

1. In order to install the F-shape barrier tie-down in asphalt, MwRSF is recommending that a steel tube sleeve be inserted in the concrete and asphalt as shown to limit the moment arm and bending moments on the bolt.
2. The tube shown was chosen to minimize the size of the hole in the deck and asphalt. If a standard pipe is preferred, it must be a 4" nominal diameter Schedule 100 pipe at minimum. This would require a 4.5" hole in the deck and asphalt.



Midwest Roadside Safety Facility

F- Shape Barrier

Bolt- Through Tie-Down in Asphalt Schematic

DWG. NAME:
Tie-down_through_asphalt_concept

SCALE: None
UNITS: Inches

SHEET:
1 of 1

DATE:
CreatedDate

DRAWN BY:
Your Initials

REV. BY:
Your Initials