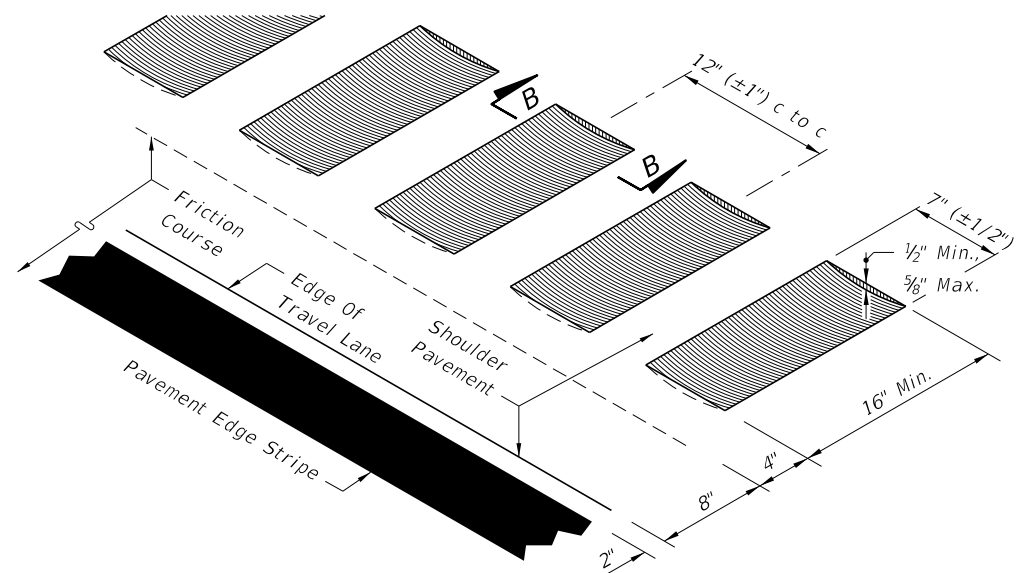
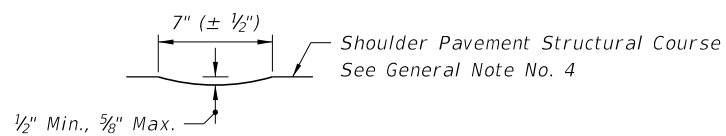


Note:
 (⇨) Arrows indicate direction of travel
 and not the number of lanes nor width
 of median shoulder pavement.

HALF PLAN
 LIMITED ACCESS FACILITIES
 SHOULDER GROUND-IN RUMBLE STRIP PLACEMENT



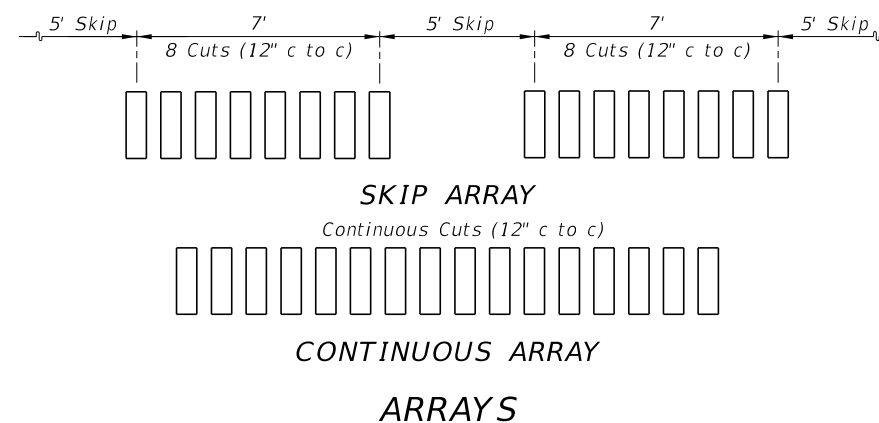
ISOMETRIC - LONGITUDINAL CUT



SECTION BB
 LONGITUDINAL CUT

LOCATION ALONG SHOULDER (FLEXIBLE PAVEMENT)


SHOULDER GROUND-IN RUMBLE STRIPS

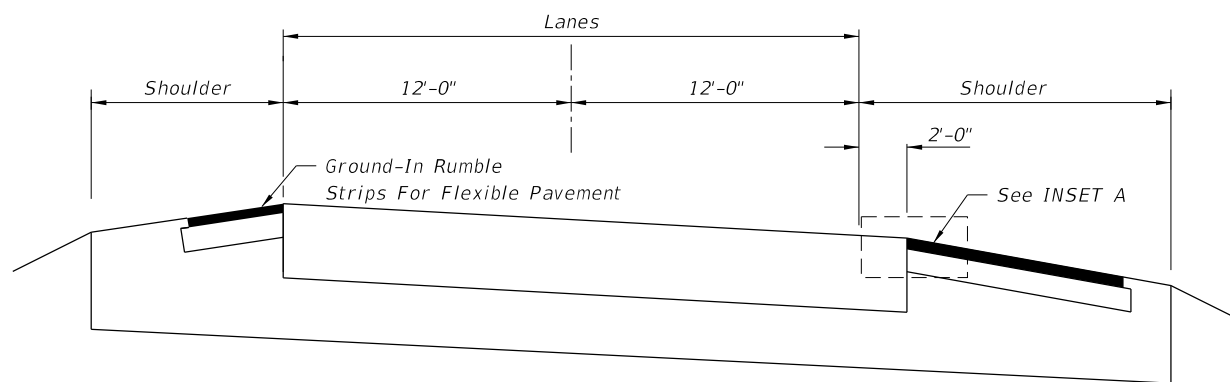


GENERAL NOTES FOR
 SHOULDER GROUND-IN RUMBLE STRIPS

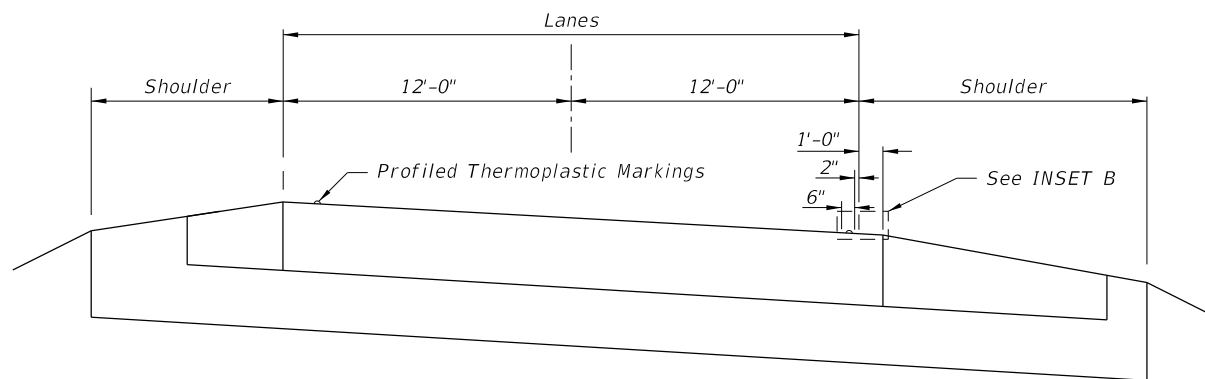
1. Shoulder ground-in rumble strips shall be constructed on limited access facilities.
2. The skip array is the standard array. The continuous array shall be constructed in advance of bridge ends for a distance of 1000', or back to the gore recovery area for mainline interchange bridges; and constructed at other specific locations as called for in the plans.
3. Ground-in rumble strips are to be constructed in accordance with Section 546 of the Specifications.
4. When friction course extends more than 8" beyond the edge of the travel lane, the extended friction course shall be bladed off back to the 8" line, prior to rumble strip grinding.

6/9/2015 4:24:00 PM

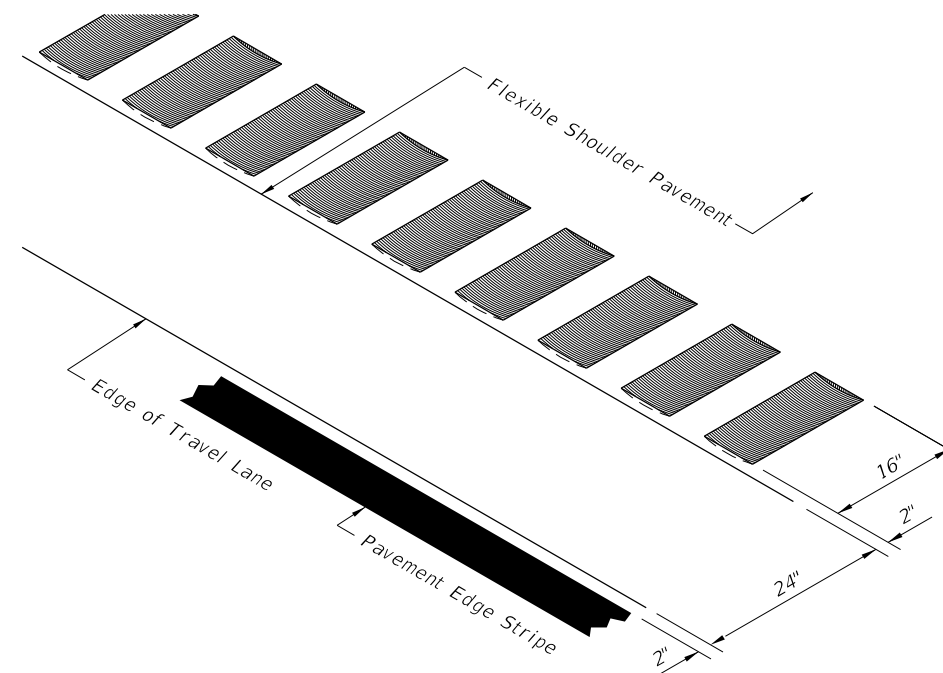
LAST REVISION 07/01/14	REVISION	DESCRIPTION:	 2016 DESIGN STANDARDS	SHOULDER RUMBLE STRIPS	INDEX NO. 518	SHEET NO. 1 of 2
---------------------------	----------	--------------	--	------------------------	------------------	---------------------



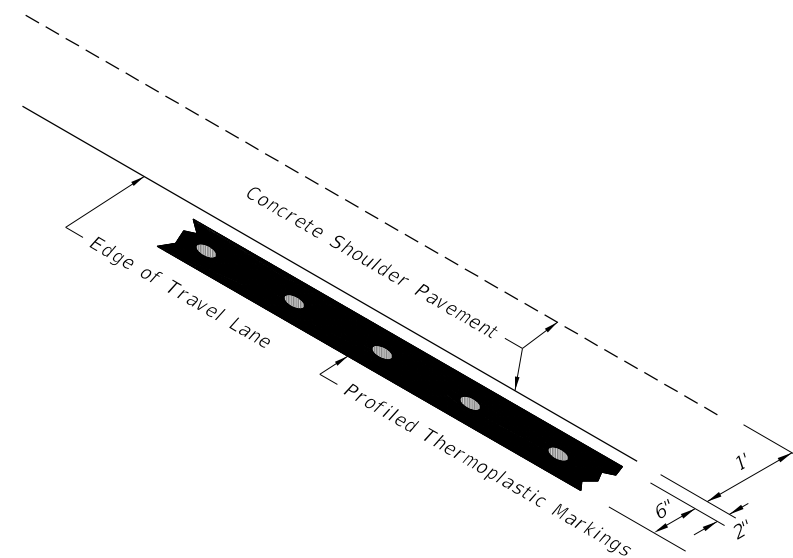
NTS
RIGID PAVEMENT WITH FLEXIBLE PAVEMENT SHOULDER



NTS
RIGID PAVEMENT WITH RIGID PAVEMENT SHOULDER



ISOMETRIC - LONGITUDINAL CUT
INSET A



ISOMETRIC - LONGITUDINAL CUT (RIGID PAVEMENT)
INSET B

6/9/2015 4:24:00 PM

LAST REVISION	07/01/15	REVISION	DESCRIPTION:
---------------	----------	----------	--------------



SHOULDER RUMBLE STRIPS

INDEX NO.
518

SHEET NO.
2 of 2