X6030205   FRAMES AND GRATES TO BE ADJUSTED (SPECIAL) (LCDOT)

Effective: January 1, 2007
Revised: May 20, 2014

Description: This work shall consist of adjusting the frame, with grates or lids, of existing drainage and/or utility structures.

General: The work shall be performed according to Section 603 of the "Standard Specifications", except that:

The frame shall not protrude more than 1½" above the pavement surface at any time during the milling/resurfacing process. This will require more than one adjustment in areas where the milling exceeds 1½".

As an option, the Contractor may remove the frame and grate/lid and place a plate over the structure until the binder course is placed. The plate shall then be removed and the frame and grate/lid installed at the final grade prior to the placement of the surface course.

As an alternative to the temporary hot-mix asphalt ramp placement required by Article 603.07 of the "Standard Specifications", the Contractor may use a manhole safety ramp. The ramp shall be a compression-molded composite of 100% recycled rubber. The ramp shall have a minimum height of 2".

Characteristics	Specification	Standard
Density	0.6 oz/cu in	ASTM C 642
Durometer Hardness	65A	ASTM D 2240
Tension Strength	300 PSI	ASTM D 412
Elongation	90%	ASTM D 412
Brittleness	-40° F	ASTM D 746
Coefficient of Thermal Expansion	8×10^{-5}	ASTM C 531

The manhole safety ramp shall fit securely around the structure frame, and shall remain properly installed during use.

Method of Measurement: This work will be measured per each structure with a frame and grate/lid to be adjusted regardless of how many times the frame and grate/lid needs to be adjusted during the project.

Basis of Payment: This work will be paid for at the contract unit price per each for FRAMES AND GRATES TO BE ADJUSTED (SPECIAL). *The unit price shall include all equipment, labor and materials required to adjust the designated frame and grate/lid. No additional compensation will be allowed for multiple adjustments to the same structure*.