



## **PURPOSE**

This document summarizes the City's requirements for street pavement cuts.

Verification is needed prior to any inspection to determine if other contract documents would or could supersede.

COP Supplementals 2024 Specification, and Standard Details 2024.

## **DEFINITION**

Per City Code (Chapter 31, Article III, Section 31-49.1), a person that causes damage to the public street while working in the public right-of-way must repair the street at the person's sole cost and expense in accordance with City standards and specifications

- 1) **"Arterial street"** means all major streets and arterial streets as designated on the existing street classification map.
- 2) **"Asphalt mill and overlay/inlay pavement treatment"** means removal of the top layer of street pavement with a milling machine and replacing the removed street pavement with a new layer of street pavement.
- 3) **"Collector street"** means all streets designated as collector streets and minor collector streets on the existing street classification map.
- 4) **"Crack fill and seal"** means application of fill and seal to cracks in the pavement surface.
- 5) **"Local street"** means all streets that provide direct access to residential, commercial, industrial, or other abutting land and for local traffic movements, and that connect to collector or arterial streets.
- 6) **"New street"** means a street that was constructed, reconstructed, or resurfaced, and that received final acceptance from the Project Resident Engineer, less than two years before the proposed street pavement cut.
- 7) **"Reconstructed street"** means the removal of existing pavement to its sub-base and installation of new pavement.
- 8) **"Resurface street"** means any surface treatment applied to the roadway including asphalt mill and overlay/inlay pavement treatment.
- 9) **"Slurry seal pavement treatment"** means to apply a mixture of water, asphalt emulsion, aggregate, and additives to an existing asphalt pavement surface.

At a minimum, any pavement cut into an existing pavement older than 24 months will require a submitted and approved mix design for either a slurry seal and/or micro seal treatment. See Policy for specifics.



## **POLICY**

**PAVEMENT CUT TO NEW STREET.** Except for a single pavement cut of two square feet or less made as part of a single permit, if a pavement cut is made to a new street (newly designed and built which is 24 months and younger), all of the following requirements apply:

1. The permittee must apply an asphalt mill and overlay/inlay pavement treatment to the full width of all impacted lanes of an arterial, collector, or local street as a result of the cut(s). The treatment must extend a minimum of 25 feet in both directions from the pavement cut(s); and
2. The permittee must apply a slurry seal (Verification with the COP Resident Engineer for Major/Collector Streets) pavement treatment to the half-width of an arterial or collector street, or the full width of a local street. The treatment must extend a minimum of 25 feet in both directions from the pavement cut(s).

**PAVEMENT CUT TO STREET OTHER THAN NEW STREET.** If a pavement cut of any size is made to a street other than a new street, the permittee must apply a slurry seal pavement treatment to the half width of an arterial or collector street, or the full width of a local street. The treatment must extend a minimum of 25 feet in both directions from the pavement cut(s).

1. For purposes of this section only, the permittee must apply a Type IV slurry seal to an arterial or collector street, or a Type III slurry seal to a local street.

**CRACK FILL AND SEAL.** For all pavement cut repair areas, the permittee must apply crack fill and seal between existing and new pavement areas prior to any pavement treatment.

**PAVEMENT TREATMENT FOR EXCEPTIONS.** A slurry seal pavement treatment is NOT required for a new street or street other than a new street if the pavement cut is less than two square feet and the permit allows no more than one pavement cut.

**POTHOLING.** Standard potholing (more than one pothole per project) that requires backfill and compaction will be required to adhere to the above-mentioned asphalt resurfacing treatments. Permit fee and bond will be calculated using the cut area. Keyhole coring and pinhole potholing (cathodic protection) will be an exception for required pavement treatments, provided the diameter of the pavement cores are less than two feet.

## **PAYMENT IN LIEU OF PERFORMING WORK**

Permittee may choose to perform the required pavement treatments or pay the Street Transportation Department in lieu of performing the work. The payment will be the City cost of performing the required pavement treatments on behalf of the permittee.

**PDD PERMIT REQUIREMENT**

A new civil permit, Civil Pavement Restoration (CPR), will be created for the pavement cut outside the project pavement limits. The associated fee is based on the age pavement and permit scope of work. For existing pavements (older than 24 months), a slurry seal and/or microseal treatment will be required. Fee will be determined based on cut area with a minimum fee of \$300. A bond to complete this work will also be required. Bond will be calculated per cut area.

For pavement cuts in new pavement (24 months and younger), a mill & overlay, along with a slurry seal and/or microseal treatment, will be required. Fee will be determined based on cut area with a minimum fee of \$300. A bond to complete both the mill & overlay and slurry seal or microseal treatment will be calculated based on the cut area.

**City of Phoenix LRT Project,  
Street Pavement Cut Policy**

<b>NEW PAVEMENT CUTS AGE 0 – 24 MONTHS</b>	<b>1.25 INCH – ARTERIAL/COLLECTOR 1.00 INCH - LOCAL</b>		
	<b>MILL &amp; OVERLAY</b>	<b>MICRO-SEAL</b>	<b>SLURRY SEAL</b>
MAJOR ARTERIAL	<b>X</b>	<b>X</b>	
ARTERIAL	<b>X</b>	<b>X</b>	
COLLECTOR	<b>X</b>	<b>X</b>	
MINOR COLLECTOR	<b>X</b>		<b>X</b>
LOCAL	<b>X</b>		<b>X</b>

1. MILL AND OVERLAY FOR THE LENGTH OF THE TRENCH STARTING 25 FT. BEFORE AND AFTER TRENCH LIMITS. LONGITUDINAL CUT WIDTH VARIES DEPENDING ON IMPACTED LANES.
2. LONGITUDINAL CUTS MICRO SEAL HALF WIDTH OF THE STREET OR SLURRY SEAL FULL WIDTH OF STREET.
3. CRACK SEAL REQUIRED AS NEEDED.

<b>ALL OTHER PAVEMENT CUTS</b>			
	<b>CRACK SEAL</b>	<b>MICRO SEAL</b>	<b>SLURRY SEAL</b>
MAJOR ARTERIAL	<b>X</b>	<b>X</b>	
ARTERIAL	<b>X</b>	<b>X</b>	
COLLECTOR	<b>X</b>	<b>X</b>	
MINOR COLLECTOR	<b>X</b>		<b>X</b>
LOCAL	<b>X</b>		<b>X</b>

CRACK SEAL AND MICRO OR SLURRY SEAL FOR THE LENGTH OF THE TRENCH STARTING 25 FT. BEFORE AND AFTER TRENCH LIMITS.

1. LONGITUDINAL CUTS MICRO SEAL HALF WIDTH OF THE STREET OR SLURRY SEAL FULL WIDTH OF STREET.

**POTHHOLES**

ONE PER PROJECT, 2 FT. X 2 FT. MORE THAN ONE POTHOLE ABOVE TABLES ARE APPLICABLE.