



Public Works Street Dept

Council Presentation – August 11, 2026

Cold Mix – Cold Laid Asphalt and All-Weather Asphalt Mix for Public Works



Background & Findings

The Public Works Department is responsible for providing preventative maintenance to City streets. This includes working year-round patching potholes to keep streets safe. The preference is to utilize hot-mix asphalt, but it must be kept at a high temperature and placed when the weather is warm and dry for proper installation. Hot-mix asphalt distributors will not produce the material when temperatures drop below 55 degrees, during extended rain events, or if the plant is shut down for mechanical issues. The Cold mix and all-weather asphalt mix materials serve as alternatives since they can be stored in bulk, can be installed during wet/cold conditions, or when hot-mix material is unavailable.



Scope of Work

The Suppliers shall provide the Public Works Department with bulk cold mix – cold laid asphalt and All-Weather Asphalt mix to be used for repair and maintenance projects throughout the City.

Cold Mix cold laid asphalt is used primarily when Hotmix is unavailable.

TXDOT Specification Item 330, Type B, Grade 1 of 2014 Standard Specifications for Construction of Highways, Streets, and Bridges.

All-Weather Asphalt Mix Material is used primarily during rain events.

TXDOT Standard Specification for Construction and Maintenance of Highways, Streets and Bridges Departmental Materials Specifications (DMS) 9202 – Asphaltic Concrete Patching Material & DMS 9203 – Rapid-Curing Asphaltic Patching Material.



Product Comparison

All-Weather Mix

Waller County Asphalt

\$183.30/ ton

- Meets **TXDOT DMS 9202, Section 6.1.7 – “All-Weather Patching Mix”**
- Engineered specifically to be placed **during active rain events, wet pavement, or standing water**
- Has additives that allow it to **bond to wet surfaces** and resist water intrusion
- Ideal for emergency pothole response when weather is poor

Cold Mix

Vulcan Construction Materials

\$126.29/ ton

- Designed to meet **TXDOT Item 330 – “Miscellaneous Cold Mix”**
- The Utility Department uses cold mix for utility patches and repairs, helping crews quickly open the roadway to traffic
- Best used when **hot mix asphalt plants are shut down** (weekends, holidays, plant maintenance)



Fiscal Impact

Cold Mix

Waller County Asphalt

- 1 year Contract for \$366,600 for 2,000 tons
- 2 additional 1-year options for \$366,600 per year
- For a total of \$1,099,800 contract value.

All-Weather Mix

Vulcan Construction Materials

- 1 year Contract for \$252,580 for 2,000 tons
- 2 additional 1-year options for \$252,580 per year
- For a total of \$757,740 contract value.

**Funding from 119000-1041-0000
Public Works Streets' Inventory account**



Benefits

Purchase and possession of the material will allow the Public Works Department to maintain operations despite weather conditions/availability of hot-mix asphalt material. The all-weather asphalt mix and cold mix materials will deliver the same performance as hot-mix material for pothole repairs.

Public Works stockpiles these materials for other departments' use in their repairs also.



Recommendation

Cold Mix – Cold Laid Asphalt &
All-Weather Asphalt Mix Material Supply Agreement

- Staff recommends approval as presented





Thank you!