

Current Approved and Proposed Uses of Recycled Concrete in Construction in the City Right-of-Way

1. Benefits
2. Current Approved Uses
3. Proposed Additional Use

Benefits: The use of recycled concrete in City right-of-way construction is a win-win-win for reasons including:

- Provides a locally produced material with appropriate engineering properties to compete with other local materials thus potentially bringing the price of all competing materials lower
- Local Contractors and Centex Association of General Contractors President/CEO K. Paul Holt requested this be considered in City work
- Reduces use of limited area virgin material
- Reduces amount of concrete going to the landfill thus extending the service life of the landfill cells

Current Approved Uses of Recycled Concrete in Construction in the City Right-of-Way (indicates approval date)

1. **Concrete Alley Construction** [ST-4](#) (February 2022)*
2. **Street Concrete Valley Construction** [ST-19](#) (November 2021)*
3. **Street Concrete Fillet Construction** [ST-19](#) (November 2021)*
4. **Base for Concrete Drive Approach and Apron** note 10 [ST-23A](#)[^]
[^] = (January 2022) & [ST-23B](#)[^]; note 12 [ST-24A](#)[^] & [ST-24B](#)[^]; note 5 [ST-25A](#)[^]
& [ST-25B](#) (August 2022); and note 2 [ST-26](#) (November 2021)

* as base material for selected subgrade plasticity index value range

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5. **Base for Sidewalk** note 2 [SW-2](#), [SW-3](#) & [SW-4](#) (January 2022)
6. **Base for Waste Container Pad and Apron** note 1 of [SDW-5](#) referred to in [SDW-1](#), [SDW-2](#), [SDW-3](#), and [SDW-4](#) all (March 2023)* - typically off right-of-way
7. **Base for Concrete Pilot Channel** note 9 [SD-15](#) (March 2023) - typically off right-of-way

* for selected subgrade plasticity index value range

Proposed Additional Uses of Recycled Concrete in Construction in the City Right-of-Way

- The draft Street Design Criteria for functionally classified Local and Collector streets Rigid Pavement Section includes recycled concrete as an option for base material for selected subgrade plasticity index range.
- Suggestions for additional uses of recycled concrete in construction in the right-of-way may be submitted to Thomas Dahl, thomasd@wacotx.gov, for consideration by germane members of the 21-member Standard Details Multi-departmental Interdisciplinary Team.



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