



AGENDA MEMORANDUM
City Council Meeting of May 21, 2024

DATE: May 21, 2024

TO: Peter Zanoni, City Manager

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Resolution Approving Pavement Recommendations for Bond 2022 Streets and Amending City Council Policy 28

CAPTION:

Resolution amending City Council Policy 28 which outlines the guidelines for awarding contracts when projects are bid with both concrete and asphalt pavement and approving pavement design recommendations for the Bond 2022 Street projects.

PURPOSE:

This resolution makes certain changes to Council Policy 28 – Award Guidelines for Arterial and Collector Streets with Concrete pavement (PCC) or Asphalt pavement (HMAC). In addition, City staff is making recommendations for the 13 Bond 22 street projects that were approved by voters on November 8, 2022. Excluded are two streets that were designed using Bond '20 funds and that were covered by prior resolution.

BACKGROUND:

On October 27, 2020, City Council approved a resolution amending City Council Policy 28 that was originally adopted on July 16, 2019. The policy outlines guidelines for awarding arterial and collector street construction contracts designed with concrete pavement and asphalt pavement and outlines criteria for selected one pavement type over another.

Below is a summary of the proposed changes to City Council Policy 28:

1. Pavements will be designed for the in-situ soil conditions to provide the required 30-year design life as per the current version of the Infrastructure Design Manual.
2. When the cost difference between PCC and HMAC is below **\$125,000/lane mile**, the City should award the PCC bid.

3. For residential projects and residential collector projects, the City should design using HMAC for constructability reasons to minimize disruption to driveway access.
4. Continuity is a reason for bidding some projects with one pavement type over another. Consideration should be given to providing a uniform surface type.
5. Truck volume is a reason for specifying PCC only.
6. City Staff will have pavement type recommendations for Bond project approved by council during design. Modifications to those recommendations will be brought back to council if they change during the design process.

Applying the revised Policy 28 criteria, following are the pavement design recommendations for the Bond 2022 street projects:

Project Name	Pavement Design
Upper/Middle/ Lower Broadway - Coopers Alley to Twigg - Design Only	Concrete
Starlite Lane - Violet to Leopard	HMAC
Surfside Blvd - Breakwater to Elm	HMAC
McCampbell - Agnes to Leopard	Concrete
Alameda Street (Texan to Doddridge) Design Only	Concrete/HMAC
Alameda Street - Airline to Everhart	Concrete/HMAC
Carroll Lane - SPID to Holly	HMAC
Bonner Drive - Everhart to Flvnn	HMAC
Martin Street - Holly to Dorado	HMAC
Flour Bluff Drive - Yorktown to Don Patricio	Concrete/HMAC
Holly Road - Paul Jones to Ennis Joslin - Design Only	Concrete/HMAC
Timbergate Drive - Snowgoose to Staples	HMAC
Aaron Dr - Saratoga Blvd to Summer Winds	HMAC

Below is a summary of the results:

Proposed Pavement Design Recommendations	Number of Streets
Asphalt and Concrete	4
Asphalt Only	7
Concrete Only	2
Total	13

ALTERNATIVES:

The alternative is to reject staff recommendations and evaluate pavement recommendations at the time of construction contract award.

FISCAL IMPACT:

There is no fiscal impact for this item.

RECOMMENDATION:

Staff recommends approval of the resolution as presented.

LIST OF SUPPORTING DOCUMENTS:

Resolution

City Council Policy 28 original - July 16, 2019

City Council Policy 28 - October 27, 2020 revisions

City Council Policy 28 proposed revisions