

NORTHGATE GONZALEZ MARKET TRAFFIC SIGNAL REQUEST

Public Works Department

City Council
March 23, 2021

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BACKGROUND

1. The Northgate Gonzalez Market did not include signalized access when initially entitled;
2. The property owner later requested signalized access to improve customer access; and
3. On September 10, 2020, the Mobility & Infrastructure Committee recommended installation of the signal alongside safety improvements at Magnolia & Tyler.



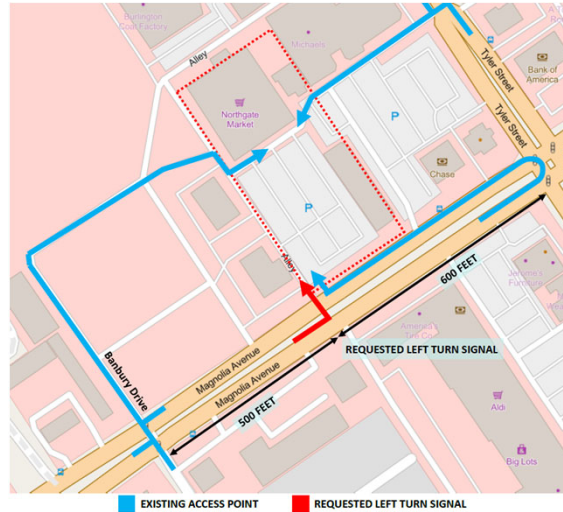
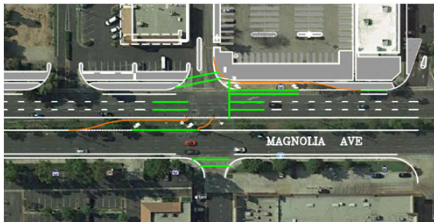
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REQUESTED LEFT TURN

1. Would use a “half-signal” configuration
2. Left turns out of the site would remain restricted



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DISCUSSION

During the September 10th Committee meeting, staff presented the following concerns:

1. The existing collision record along Magnolia
2. Existing closely-spaced intersections along Magnolia
3. The proposed signal does not meet State warrants
4. Long-term maintenance costs of the proposed signal
5. The Magnolia Avenue Specific Plan encourages reductions in left turn median openings

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PROPOSED SAFETY ENHANCEMENTS

1. After careful consideration, the Committee recommended to approve the signal;
2. At the Committee's request, the Northgate team has proposed enhancements for the intersection of Tyler & Magnolia to reduce safety concerns:
 - a) Replace existing traffic signal heads
 - b) Install yellow, fluorescent traffic signal head backplates



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PROPOSED SAFETY ENHANCEMENTS

3. Install video detection cameras for dilemma zone detection and to detect cyclists;
4. Upgrade pedestrian push buttons to "Accessible Pedestrian Signal" type buttons;
5. Install LED signs to regulate right turn movements during the U-Turn movement;
6. Make any bicycle & pedestrian related signal timing adjustments as-needed;



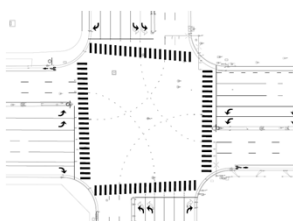
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PROPOSED SAFETY ENHANCEMENTS

1. Staff concurs that the proposed improvements to be made by Northgate Gonzalez Market would improve safety at the Tyler & Magnolia intersection.
2. Staff plans to install high-visibility crosswalks at Tyler & Magnolia as part of upcoming paving work.



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RECOMMENDATION

That the City Council:

1. Approve the median opening and traffic signal installation project on Magnolia Avenue west of Tyler Street to serve Northgate Gonzalez Market located at 10391 Magnolia Avenue; and
2. Require as part of the signal construction the installation of safety enhancements by Northgate Gonzalez Market at the intersection of Magnolia Avenue at Tyler Street.



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