

## ITEM 5.4

### CITY MANAGER'S REPORT JULY 11, 2022 CITY COUNCIL REGULAR MEETING

**ITEM:** REVIEW AND CONSIDER TRAFFIC CALMING IMPROVEMENTS AT BARBARA TERRY BOULEVARD AND ADOBE WAY, JOHNSON FERRY ROAD AND VICTORIAN TRAIL, AND JOHNSON FERRY ROAD AND FORTY NINER TRAIL

**RECOMMENDATION:** Council to Consider Options for Traffic Calming Improvements at Barbara Terry Boulevard and Adobe Way, Johnson Ferry Road and Victorian Trail, And Johnson Ferry Road and Forty Niner Trail

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#### **SUMMARY:**

City staff has received complaints from residents regarding vehicles travelling at unsafe speeds at three locations in the City including Barbara Terry Boulevard and Adobe Way, Johnson Ferry Road and Victorian Trail, and Johnson Ferry Road and Forty Niner Trail. The installation of all-way stop signs at the three locations has been suggested as a solution to reduce the speed of vehicles travelling through the corridors. Staff evaluated these locations using the California Manual on Uniform Traffic Control Devices (MUTCD) and the City of Lathrop Neighborhood Traffic Calming Program. The following options are being presented to Council for review and consideration:

#### **Option 1 – Installation of Striping to Reduce Lane Widths**

(approximate cost of \$7,000 for Johnson Ferry Road & \$16,000 for Barbara Terry Boulevard)

- Recommended: Reducing the traveled lane widths is an effective solution to reduce vehicle speed

#### **Option 2 – Installation of All-Way Stop Control**

(approximate cost of \$12,000)

- Not recommended: MUTCD Section 2B.04.05 states "Yield or Stop signs should not be used for speed control"

Staff recommends that Council consider Option 1 as a solution to reduce the vehicle speeds on Barbara Terry Boulevard and Johnson Ferry Road. However, staff will install the all-way stop control if Council elects to proceed with Option 2.

**JULY 11, 2022 CITY COUNCIL REGULAR MEETING****REVIEW AND CONSIDER TRAFFIC CALMING IMPROVEMENTS AT BARBARA TERRY BOULEVARD AND ADOBE WAY, JOHNSON FERRY ROAD AND VICTORIAN TRAIL, AND JOHNSON FERRY ROAD AND FORTY NINER TRAIL****BACKGROUND:**

City staff has received complaints from residents regarding vehicles traveling at unsafe speeds at three locations in the City including Barbara Terry Boulevard and Adobe Way, Johnson Ferry Road and Victorian Trail, and Johnson Ferry Road and Forty Niner Trail. The installation of all-way stop signs at the three locations has been suggested as a solution to reduce the speed of vehicles traveling through the corridors. Staff evaluated these locations using the California Manual on Uniform Traffic Control Devices (MUTCD) and the City of Lathrop Neighborhood Traffic Calming Program. The following options are being presented to Council for review and consideration:

**Option 1 – Installation of Striping to Reduce Lane Widths**

(approximate cost of \$7,000 for Johnson Ferry Road & \$16,000 for Barbara Terry Boulevard)

- Recommended: Reducing the traveling lane widths is an effective solution to reduce vehicle speed

**Option 2 – Installation of All-Way Stop Control**

(approximate cost of \$12,000)

- Not recommended: MUTCD Section 2B.04.05 states "Yield or Stop signs should not be used for speed control"

Wide lanes often result in higher vehicle speeds due to the increased comfort of the driver and less consideration of their surroundings. Staff recommends that Council consider Option 1 as a solution to reduce the vehicle speeds on Barbara Terry Boulevard and Johnson Ferry Road.

Option 1 proposes the installation of striping to delineate the traveled lane from the on-street parking and reduce the traveled lane width. The existing lane width for Johnson Ferry Road is 17' with sporadic on-street parking. The proposed edge line and centerline would be installed to create two 10' travel lanes and two 7' parking lanes as shown in Attachment "A". The existing width for Barbara Terry Boulevard is 48' with sporadic on-street parking. The striping would be installed to create two 10' travel lanes, two 5' bicycle lanes, two 2' bicycle lane buffers and two 7' parking lanes as shown in Attachment "B".

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Further, Option 1 promotes the “Complete Streets” concept and is consistent with the Goals and Policies of the City’s Draft General Plan by providing connectivity of the Mosssdale neighborhood to the existing Central Lathrop bike lanes on Barbara Terry Boulevard, which currently terminate at Adobe Way. “Complete Streets” is a concept that considers and provides the most safety for all modes of transportation on a street including vehicular, bicycle and pedestrian.

**REASON FOR RECOMMENDATION:**

Staff is requesting that Council consider the proposed traffic calming improvements for Barbara Terry Boulevard and Adobe Way, Johnson Ferry Road and Victorian Trail, and Johnson Ferry Road and Forty Niner Trail. Staff recommends that Council consider Option 1 as lane width reduction is an effective solution to reduce vehicle speed. However, staff will install the all-way stop control if Council elects to proceed with Option 2.

**FISCAL IMPACT:**

Staff estimates the approximate construction costs below for the two options presented to Council:

<b>Option 1 – Installation of Striping to Reduce Lane Widths</b>	\$23,000
<b>Option 2 – Installation of All-Way Stop Control</b>	\$12,000

Staff will pursue the option selected by Council, develop construction documents, and secure bids for the project. Sufficient funding has been allocated in CIP PS 22-16 Traffic Calming Measure fund (3310) in fiscal year 21/22.


**ATTACHMENTS:**

- A. Proposed Striping for Barbara Terry Boulevard
- B. Proposed Striping for Johnson Ferry Road


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APPROVALS:

  
\_\_\_\_\_  
Brad Taylor  
City Engineer

6/24/2022  
Date

  
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Cari James  
Director of Finance

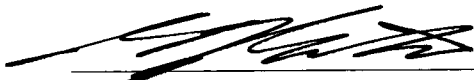
6/28/2022  
Date

  
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Michael King  
Assistant City Manager

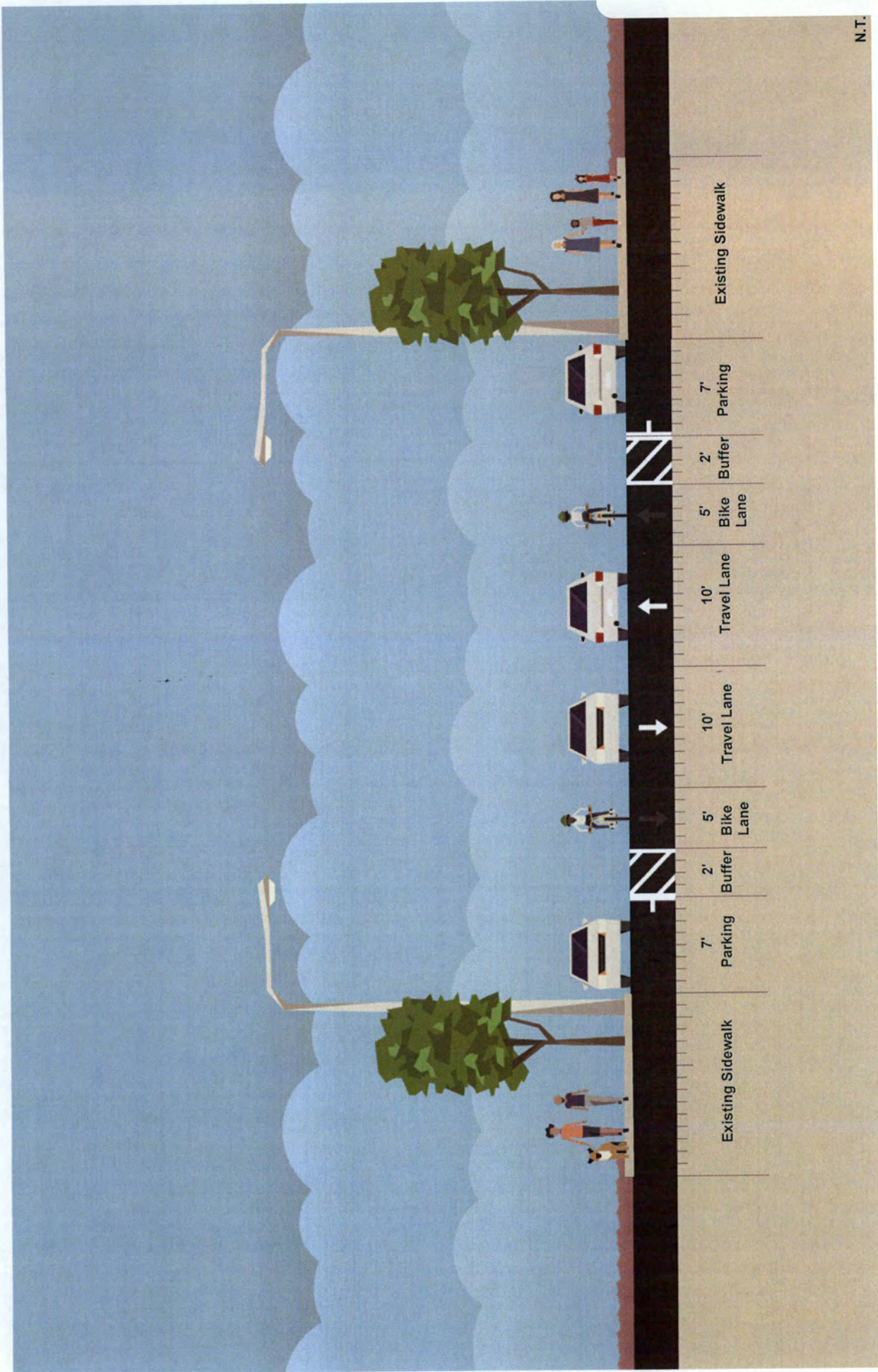
6-27-2022  
Date

  
\_\_\_\_\_  
Salvador Navarrete  
City Attorney

6-27-2022  
Date

  
\_\_\_\_\_  
Stephen J. Salvatore  
City Manager

7.5.22  
Date



Proposed Striping for Barbara Terry Boulevard

N.T.



MATCH LINE (SEE ABOVE)

MCKEE BLVD

STOP

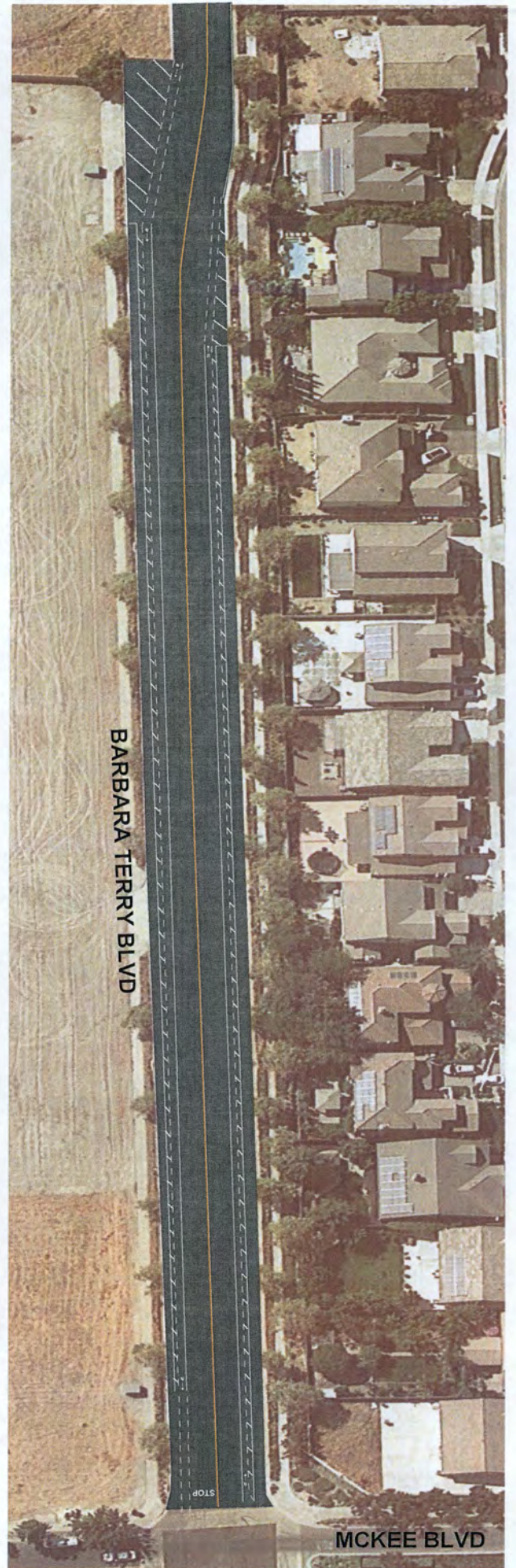
Prop. Curb

BARBARA TERRY BLVD

Prop. Curb

ADOBE WAY

Prop. Curb



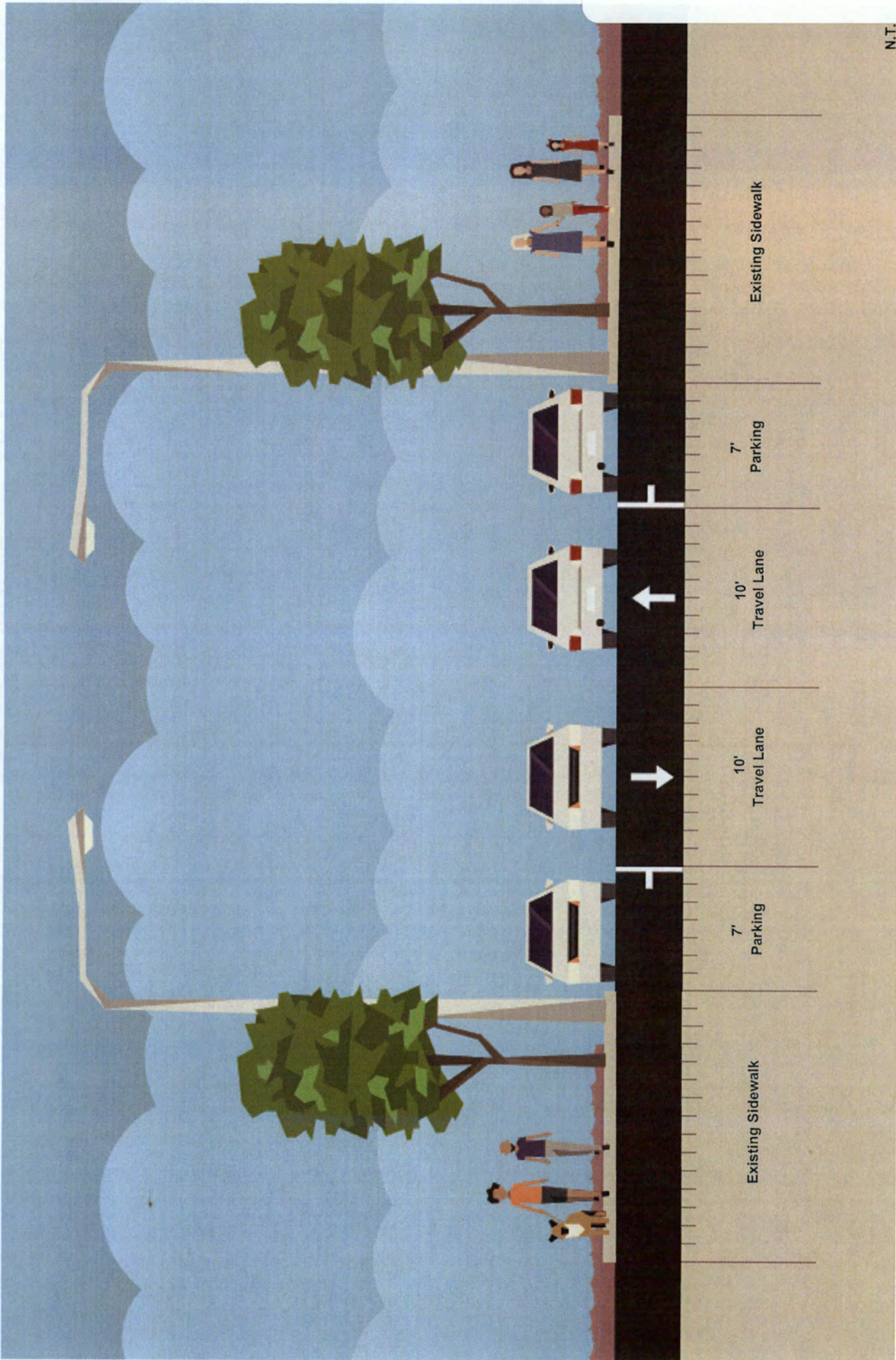
BARBARA TERRY BLVD

STOP

MCKEE BLVD

MATCH LINE (SEE BELOW)





Proposed Striping for Johnson Ferry Road



MATCH LINE (SEE ABOVE)



MATCH LINE (SEE BELOW)

N.T.S.

