



THOMAS L. BOLICH
DIRECTOR OF PUBLIC WORKS

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060-4070
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

AGENDA: JUNE 12, 2001

May 31, 2001

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, CA 95060

**SUBJECT: PLAN LINE PROPOSAL FOR SEVENTH AVENUE
BETWEEN EATON STREET AND CAPITOLA ROAD**

Members of the Board:

Presented herein for your Board's consideration is a plan line for the portion of Seventh Avenue between Eaton Street and Capitola Road in the Live Oak planning area. Aerial photographs on which the proposed plan line concept has been illustrated have been forwarded to the Clerk of the Board for your review. Attachment A presents the location of interest. Corresponding typical street cross-sections are displayed on Attachment B.

BACKGROUND

Seventh Avenue is designated as an urban minor arterial street in the County's General Plan, and it currently has a 50 to 70-foot wide right-of-way and is striped with two travel lanes and bike lanes. Sidewalks exist in limited areas along this portion of Seventh Avenue. In addition, there is limited on-street parking along various locations on the street. At present, the intersections at Capitola Road and Eaton Street are controlled by traffic signals, while Seventh Avenue at Brommer Street is a four-way stop sign-controlled intersection.

PROPOSED SEVENTH AVENUE PLAN LINE

The proposed plan line for Seventh Avenue includes a typical cross section of one travel lane and one bicycle lane in each direction, with six-foot separated sidewalk, for the most part, on both sides of the street. The typical curb-to-curb width will vary from 34 to 40 feet. The typical street section will be widened in specific locations in order to continue limited on-street parking. At restricted cross sections, in order to preserve significant trees and other important features, the cross

section will be reduced to a minimum width. The south side of the signalized intersection at Capitola Road will include a through travel and bicycle lane in each direction, dedicated right and left turn lanes, and adjacent sidewalk on both sides of the street. The transition to the intersection will be designed to preserve a significant redwood tree on the west side of the roadway 200 feet south of the intersection. The dedicated right turn lane at the signalized Eaton Street intersection will be lengthened to facilitate the right turn movement with decreased stacking at the intersection.

Although a traffic signal at Brommer Street will not be installed as a part of the planned construction of improvements in this segment, sufficient roadway cross section will be maintained and the necessary conduit will be installed to facilitate a traffic signal at the intersection, if and when the need arises. Public Works will continue to monitor and analyze the level of service of the intersection and any adverse changes in traffic patterns on parallel streets that might be attributed to a declining performance of the intersection.

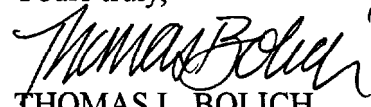
SPECIAL CONSIDERATIONS

The sentiment widely expressed during the public input process for this route was a desire on the part of the community to keep significant changes, including significant widening of the street, to a minimum. The plan line as proposed makes an effort to respond to that sentiment, while still reserving the ability to make critical improvements at key areas, such as the Brommer Street intersection, should the need arise. Continuous level pedestrian pathways at driveways and sidewalk access ramps at appropriate locations will be provided to meet the accessibility requirements of the Design Criteria. In addition, the proposed plan line has been reviewed for conformance with Americans with Disability Act (ADA) standards.

It is recommended that the Board of Supervisors take the following action:

1. Approve the plan line for Seventh Avenue between Eaton Street and Capitola Road.
2. Direct Public Works staff to include the plan line for Seventh Avenue in the Master Plan Line file.

Yours truly,

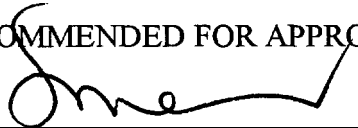


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GG:bbs

Attachments

RECOMMENDED FOR APPROVAL:

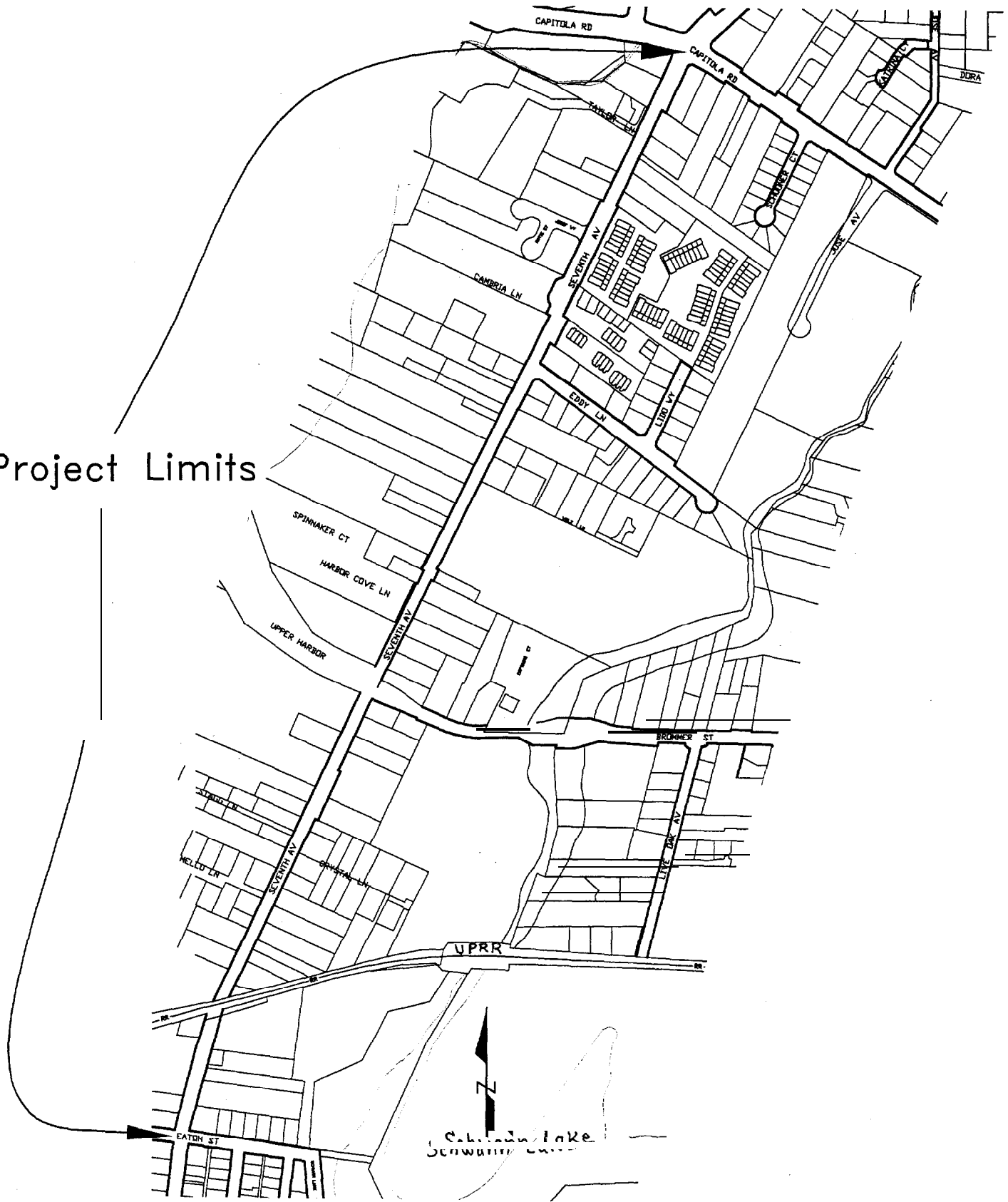


County Administrative Officer

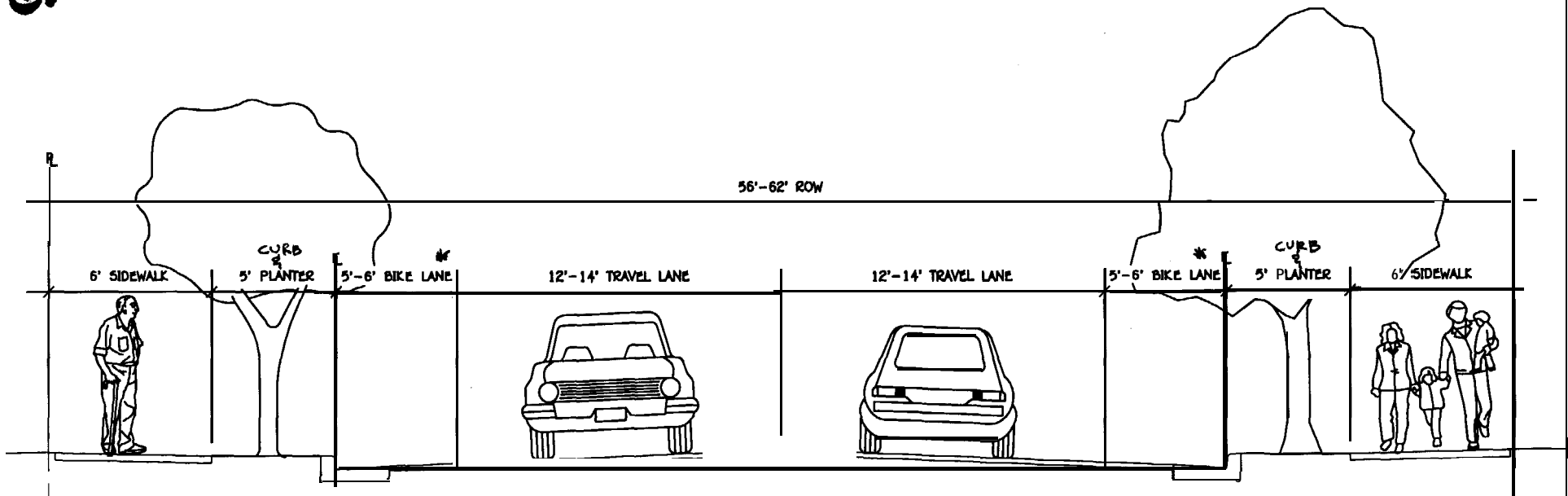
Copy to: Redevelopment Agency
Planning Department
Public Works Department
Equal Employment Opportunity Program Office (ADA Task Force)

PLANB

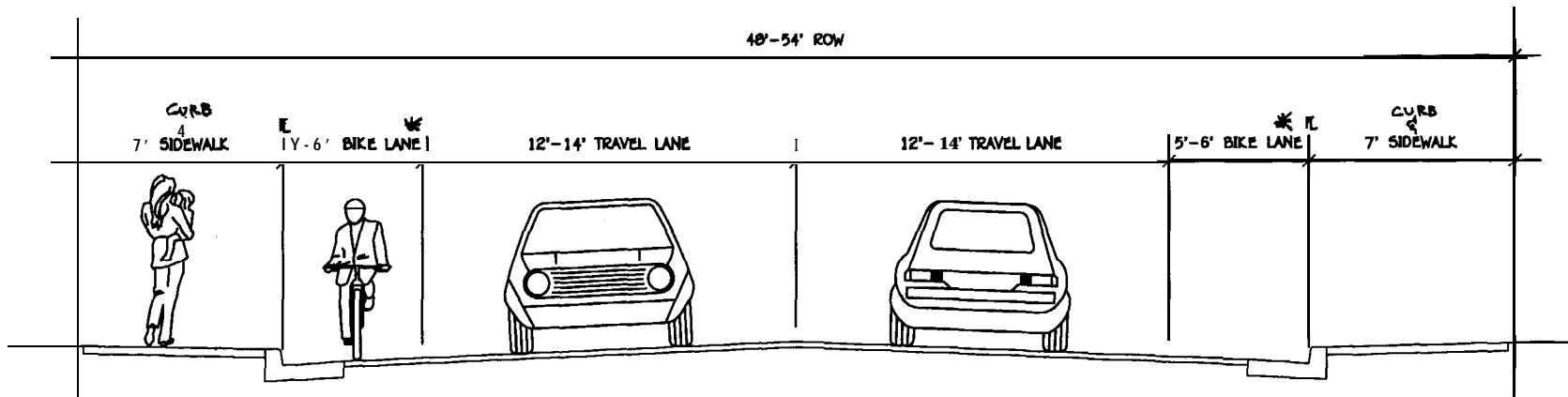
Project Limits



SEVENTH AVENUE
EATON STREET TO CAPITOLA ROAD



PROPOSED TWO LANE SECTION W/ PLANTER



PROPOSED TWO LANE SECTION

* VARIES UP TO 12' WHERE PARKING IS PROVIDED

0590