

California Department of Transportation

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JANUARY 17, 2023

SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS TRANSPORTATION CONFORMITY WORKING GROUP

Dear Members of TCWG:

Caltrans requests a determination of regional significance from the Transportation Conformity Working Group (TCWG) for a ramp realignment and signalized intersection project on State Route 22 (SR-22) and Studebaker Road. As a recipient of federal funds, Caltrans may only adopt or approve projects in the plan and TIP if the MPO determines that the project is regionally significant (40 CFR 93.121). The project is CEQA-only and is listed in the California Transportation Improvement Program System (CTIPS); but is not currently identified in the latest conforming Federal Transportation Improvement Plan (FTIP) or Regional Transportation Plan (RTP). A detailed description of the proposed project with layouts is included below.

The proposed project would realign the SR-22 westbound entrance and exit ramps at Studebaker Road and construct a new signalized intersection at the ramp termini with Studebaker Road. The proposed project also includes the construction of curb ramps, new sidewalk, and a separated bikeway along Studebaker Road. The proposed project would eliminate the existing SR-22 westbound on-/off-ramps at College Park Drive and construct a new on-/off-ramp at Studebaker Road. The intersection of Studebaker Road and College Park Drive would also be relocated approximately 300 feet north to increase the distance between the intersections of Studebaker Road at College Park Drive and the new on-/off-ramps at Studebaker Road. Additionally, the proposed project includes the restriping of Studebaker Road to provide a Class IV Separated Bikeway on the west side of the roadway to accommodate both directions of bicycle travel. This would require the reallocation of travel lanes in the northbound direction including the reduction from two through lanes to one through lane northbound along Studebaker Road at the SR-22 overcrossing.

Specifically, the lane reduction would begin north of the SR-22 east on-/off-ramp and Studebaker Road intersection and along Studebaker Road northbound on the SR-22 overcrossing. Studebaker Road northbound would widen back to two through travel lanes just north of the SR-22 overcrossing such that two northbound through lanes would be provided at the SR-22 westbound on-/off-ramp and Studebaker Road

signalized intersection. Additionally, the westbound right turn movement from the SR-22 eastbound off-ramp would be converted from a channelized yield right turn to a signalized movement to avoid potential conflicts between merging through traffic along Studebaker Road and right-turning off-ramp traffic just north of the SR-22 eastbound ramp intersection. Two travel lanes would be maintained along Studebaker Road southbound.

The proposed project does not propose new access or restrict existing access. Instead, the proposed project focuses on a reconfiguration of the existing intersection alignment to provide a more-direct connection between SR-22 westbound and Studebaker Road and the inclusion of the Studebaker Road bikeway. A single lane loop on-ramp with a bike lane, but without ramp metering is proposed from Studebaker Road to SR-22 westbound. A Studebaker Road crossing would be provided on the south intersection leg to connect the separated bikeway on the west side of Studebaker Road to the bike lane on the loop on-ramp.

It is requested that members of the TCWG review the project description and the attached geometric drawing; and provide a determination in regard to this project's regional significance.

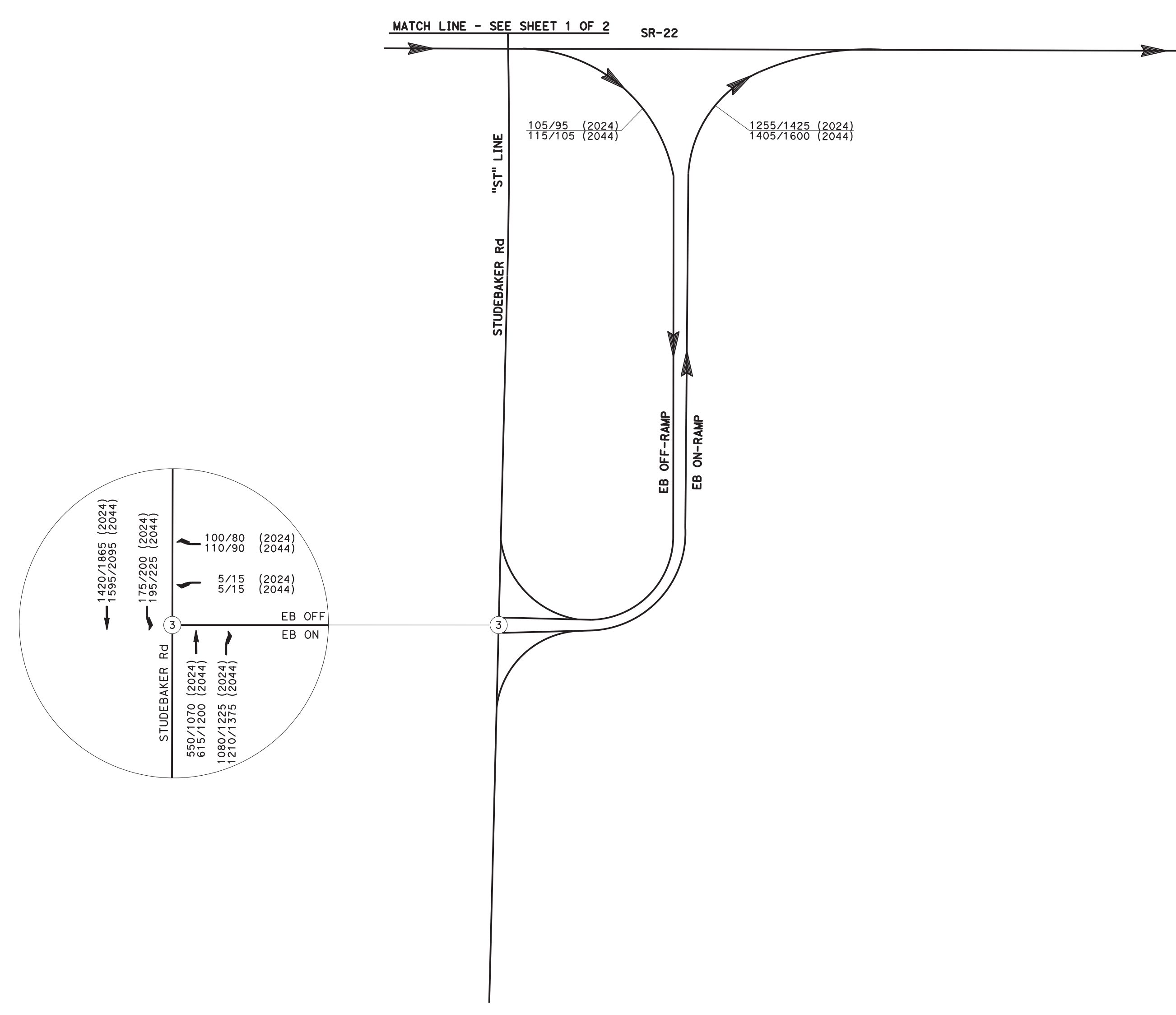
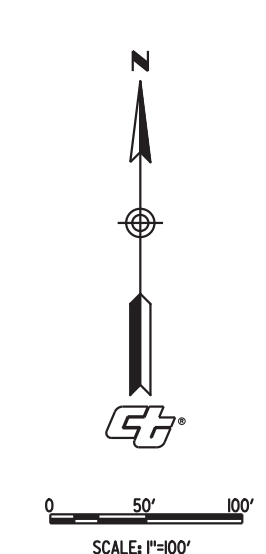
Sincerely,



ANDREW YOON, P.E.
Senior Transportation Engineer
Office of Environmental Engineering
Division of Environmental Planning
District 7

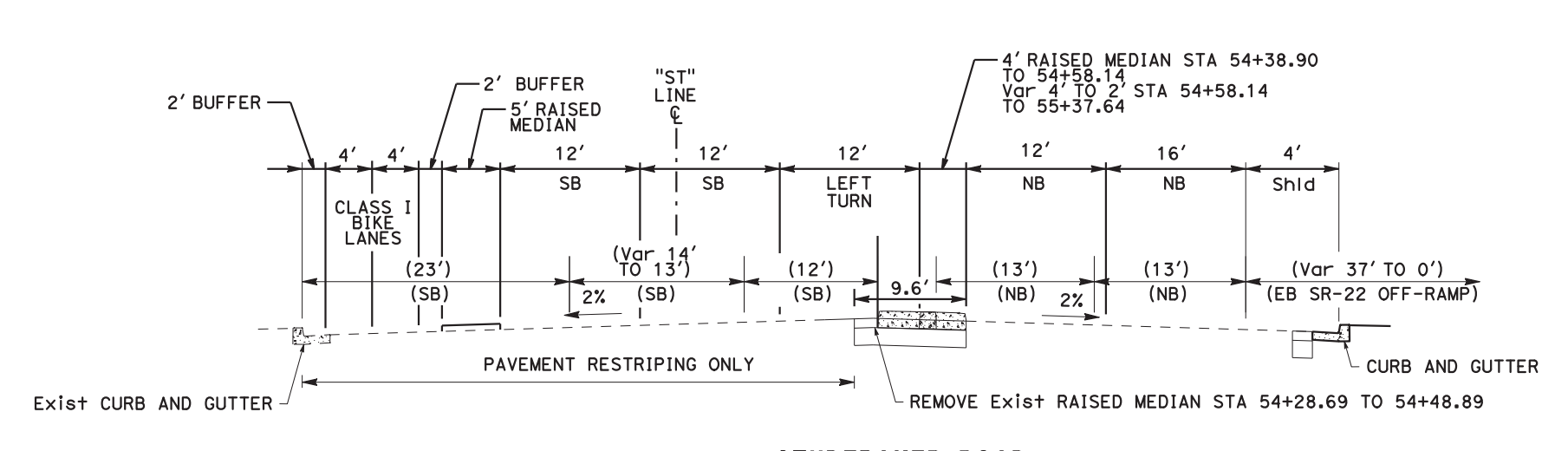
Attachment

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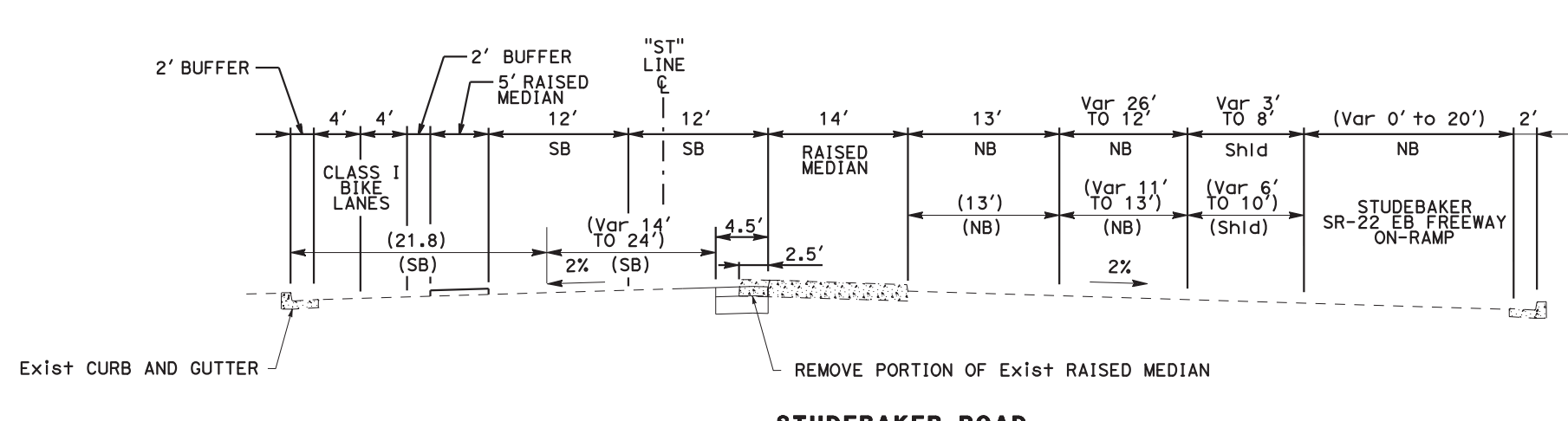


STUDEBAKER ROAD AM/PM PEAK HOUR DIAGRAM

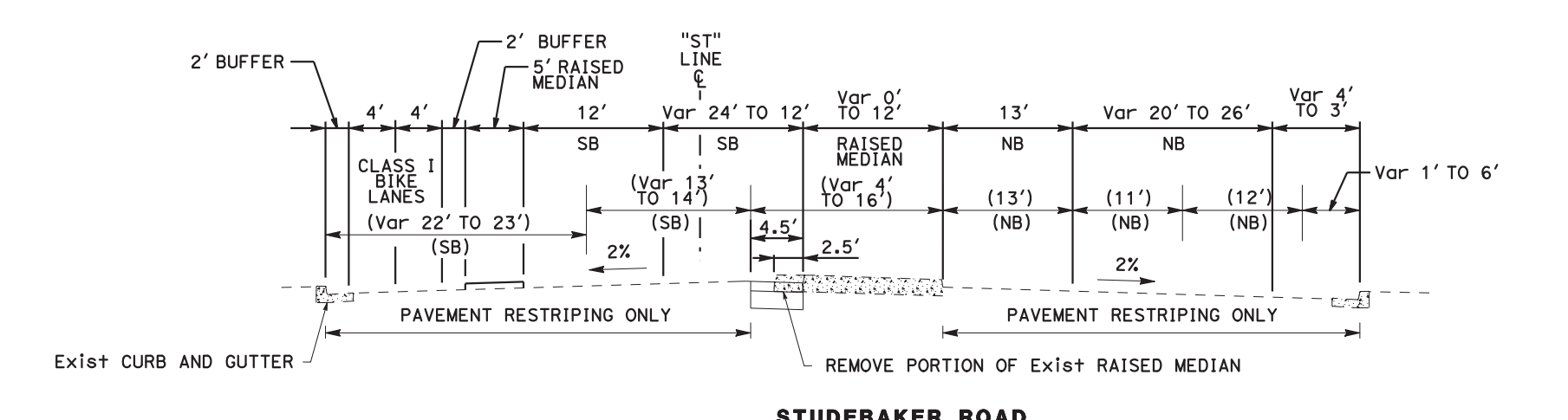
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No.	R	Δ	T	L
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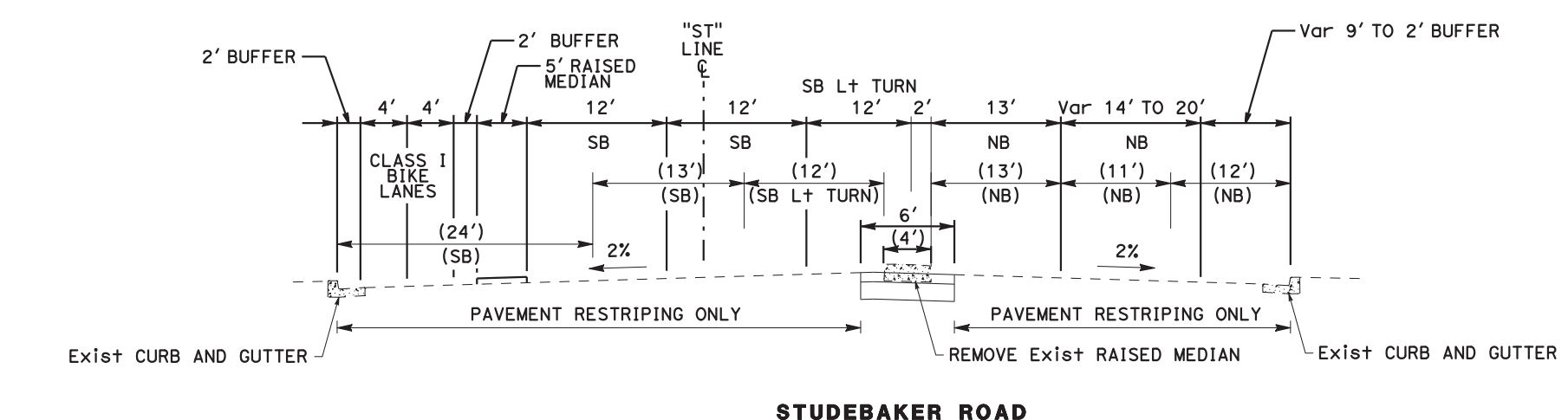
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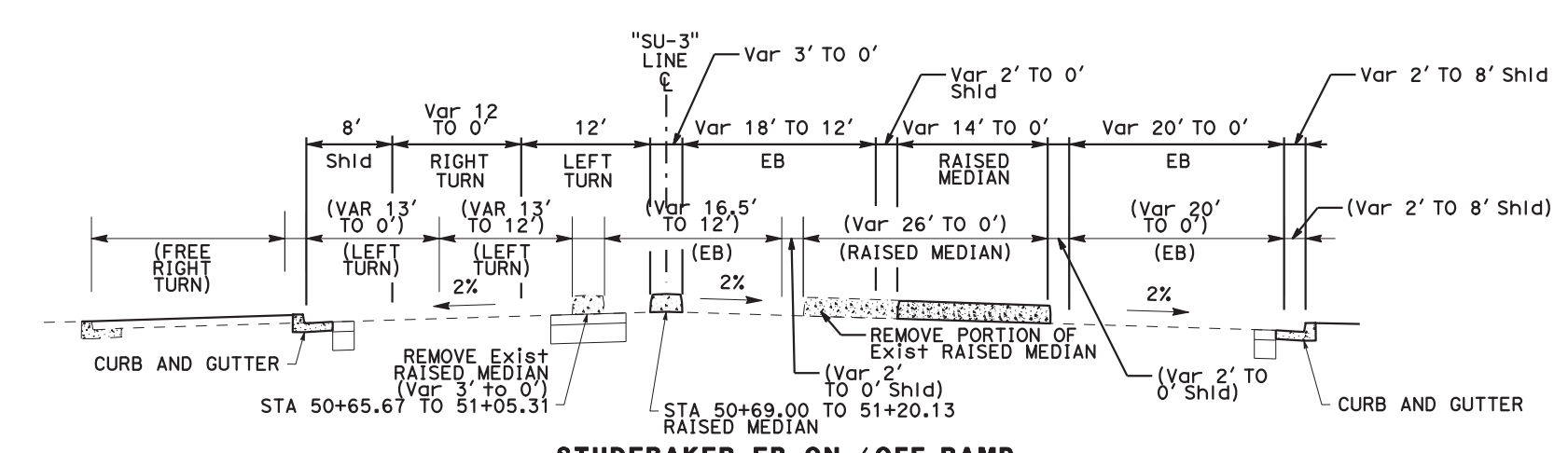
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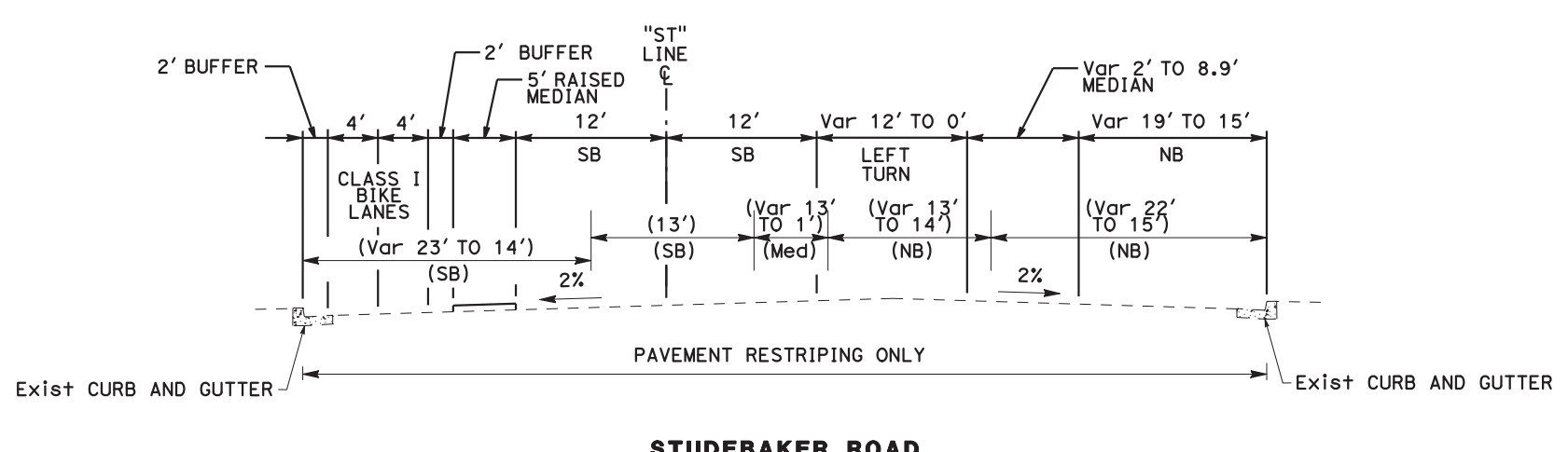
STUDEBAKER ROAD
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STUDEBAKER ROAD
ST Sta 54+57.11 TO 55+37.64



STUDEBAKER EB ON/OFF-RAMP
SU-3' Sta 50+45.61 TO 51+00.13



STUDEBAKER EB ON/OFF-RAMP
SU-3' Sta 50+45.61 TO 53+08.68

STUDEBAKER ROAD AT SR-22 WESTBOUND ON/OFF RAMP IMPROVEMENTS GEOMETRIC REVIEW DRAWING