Highways 37 and 121 Intersection Update
SR-37 Policy Committee
March 1, 2018

Dan McElhinney, P.E.
Chief Deputy District Director
District 4 Bay Area
510-220-0738

Solano Transportation Authority

SONOMA COUNTY TRANSPORTATION AUTHORITY

Transportation Authority of Marin

NAPA VALLEY TRANSPORTATION AUTHORITY

SR 37/121: Existing Traffic Conditions

Eastbound/Afternoon Peak Congestion

Drive Time: 20 Min Free Flow

100 Min in Congestion

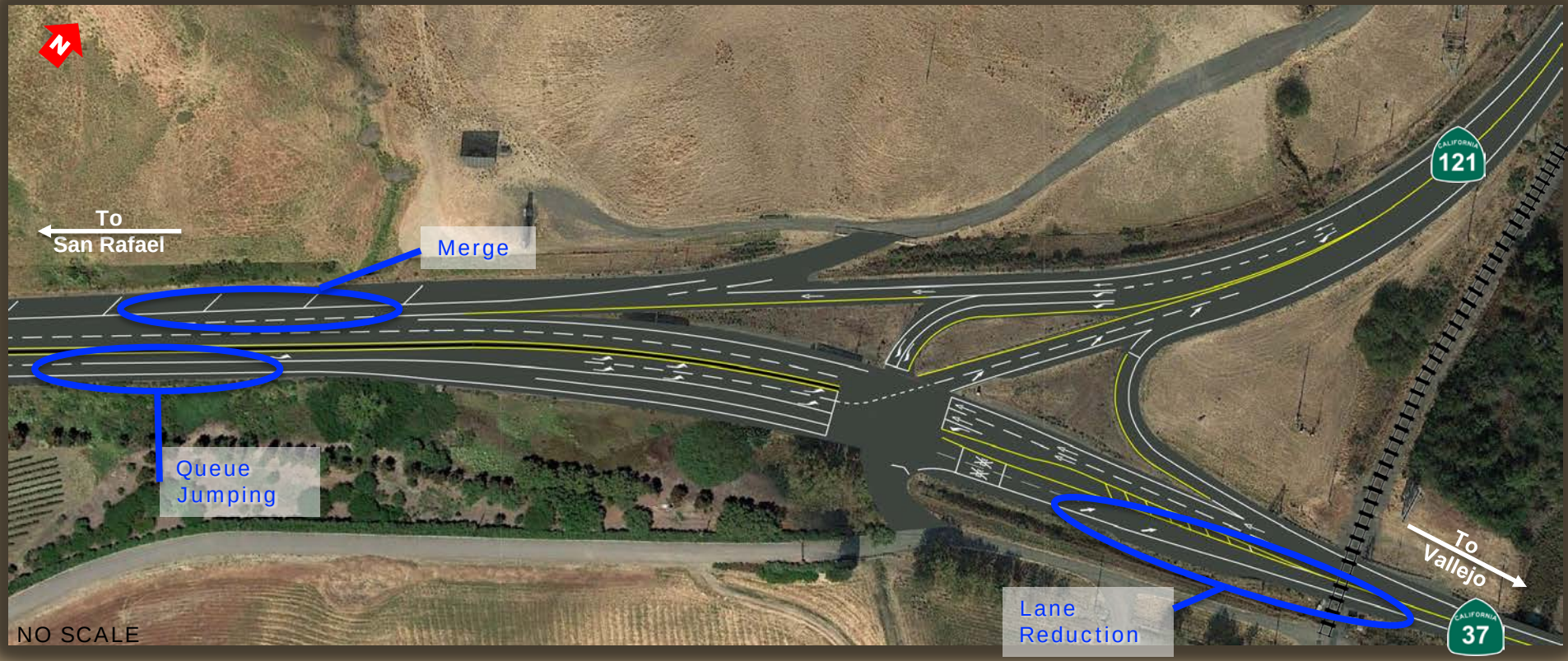
Peak Period: 7 Hours

Maximum Delay: 80 Min

Maximum Queue: 5 Miles

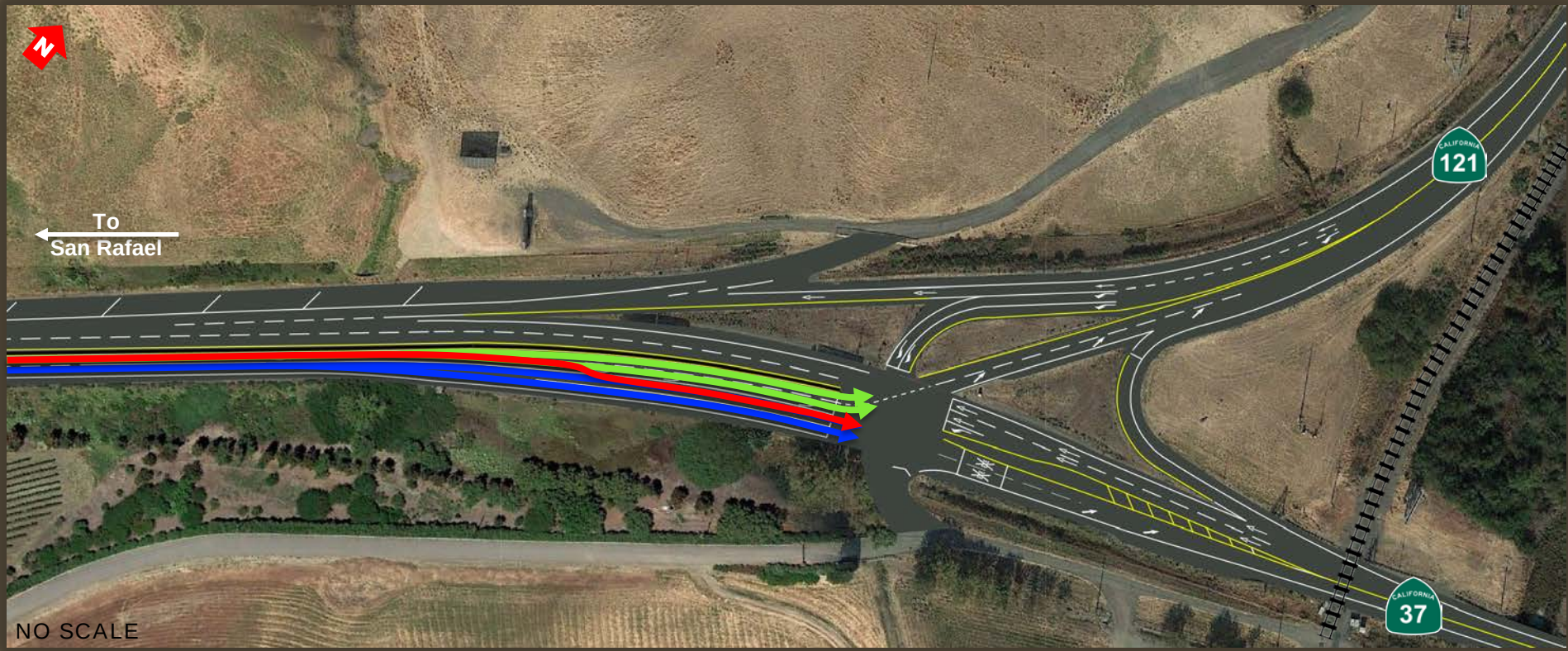
Accidents: 90% are Congestion Related

SR 37/121 Intersection: Existing Bottlenecks



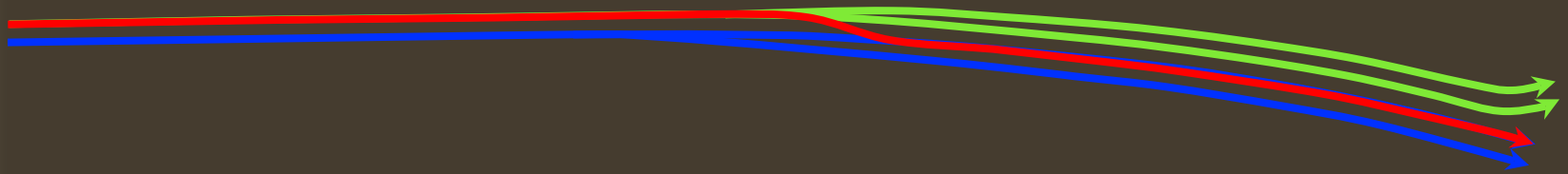
Eastbound SR 37: Existing Conditions

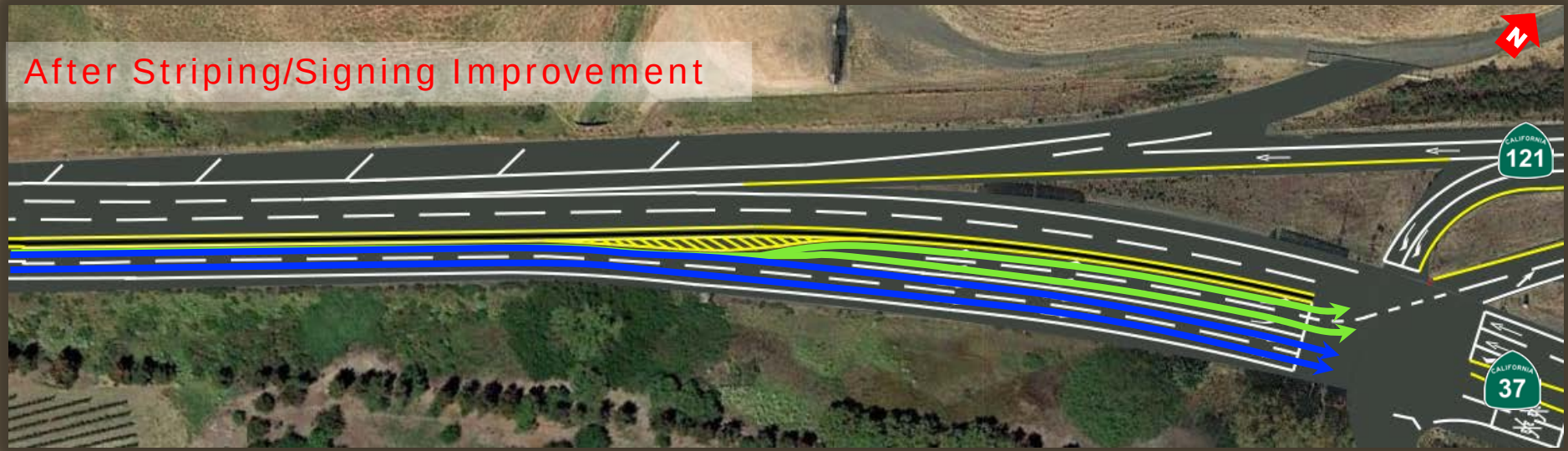
With Lane #1 between Lakeville Road and SR 121 designated for travel to Napa via 121 North - “Queue jumping” occurs frequently



Existing

EB SR 37: Proposed Restriping
Avoid Queue Jumping





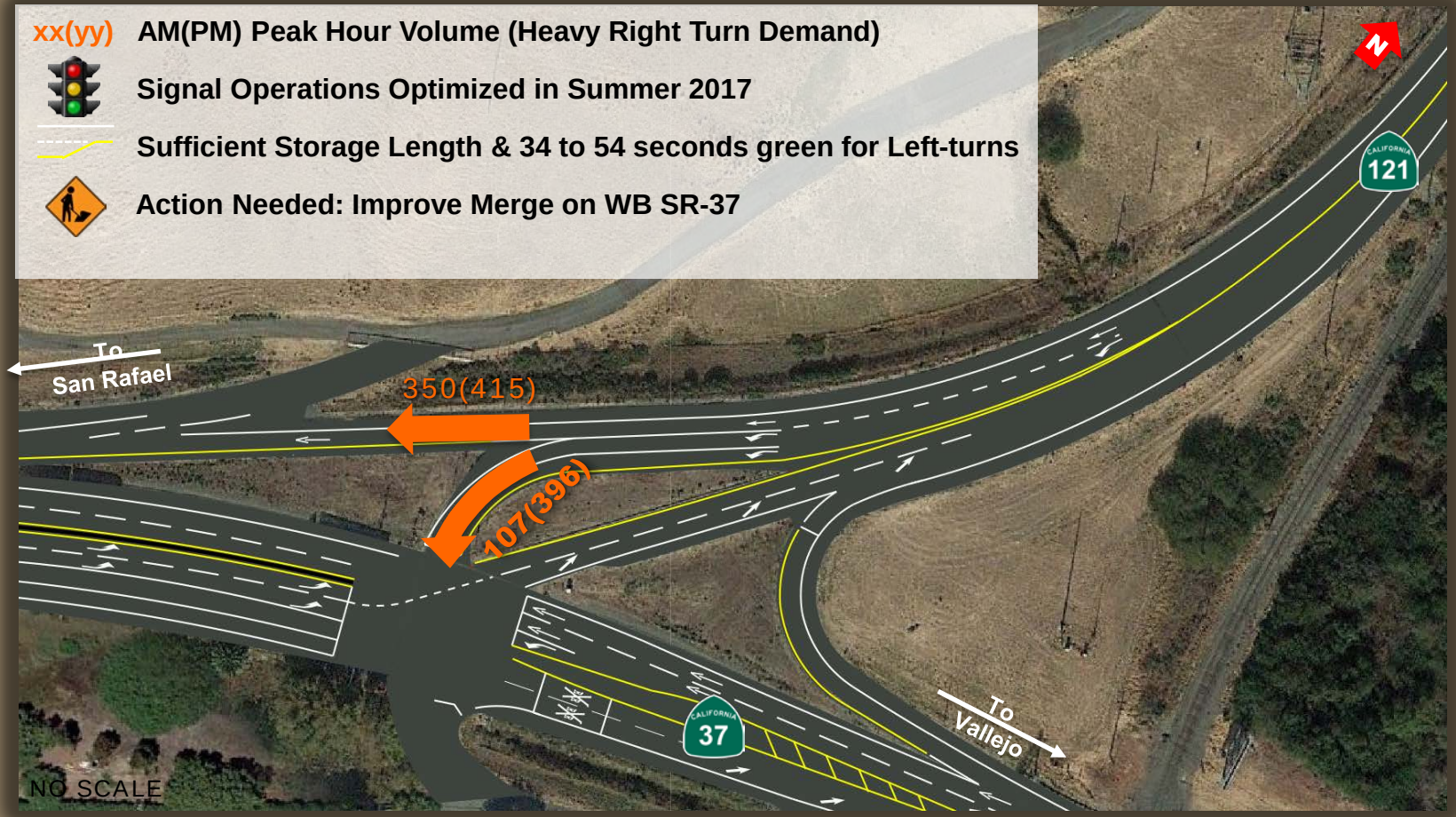
EB SR-37 : Proposed Restriping

from Lakeville Road to 121

EB SR-37 Signage Update: Existing Signage

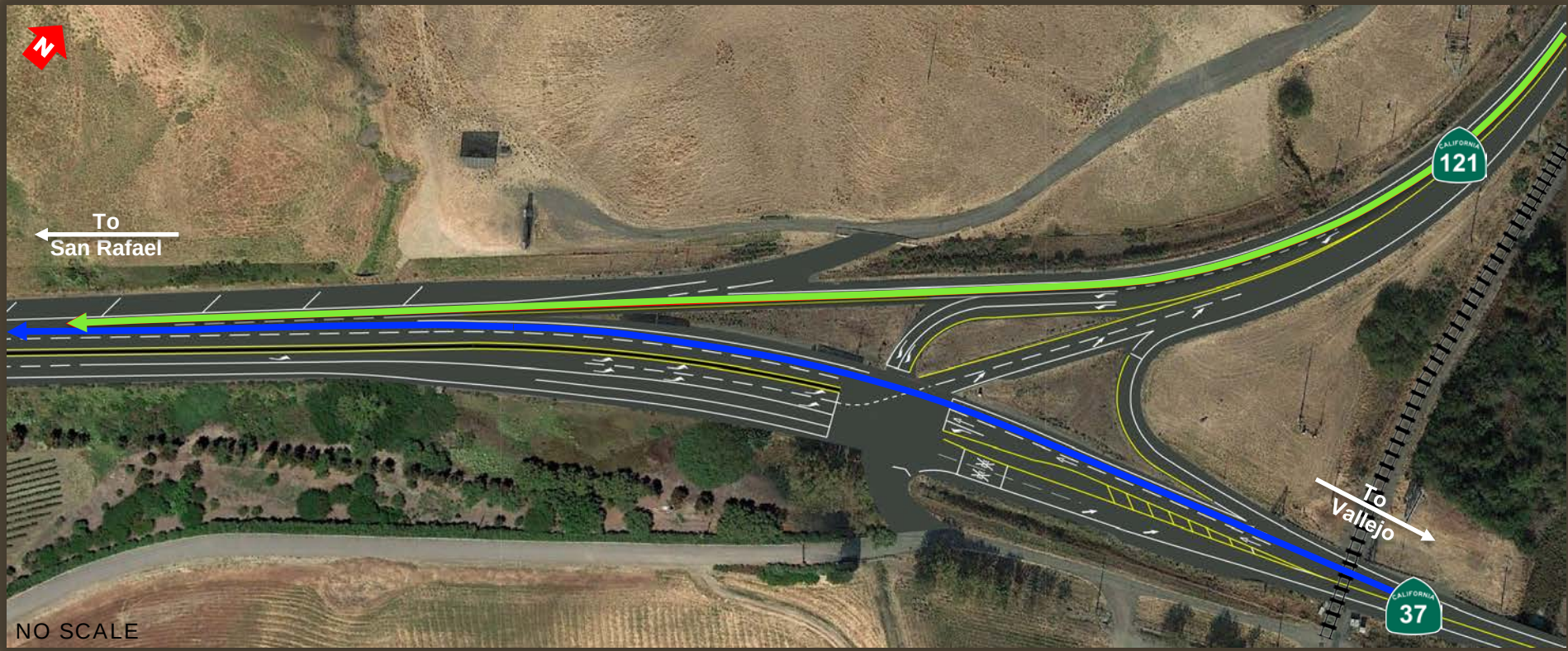
EB SR-37 Signage Update: Proposed Signage

Southbound SR 121 Approach



Westbound SR-37 : Existing Conditions

High Merging Volumes on Westbound SR-37
Impede Right Lane Movement on Southbound SR-121



SR 37/121: Short-Term Improvements

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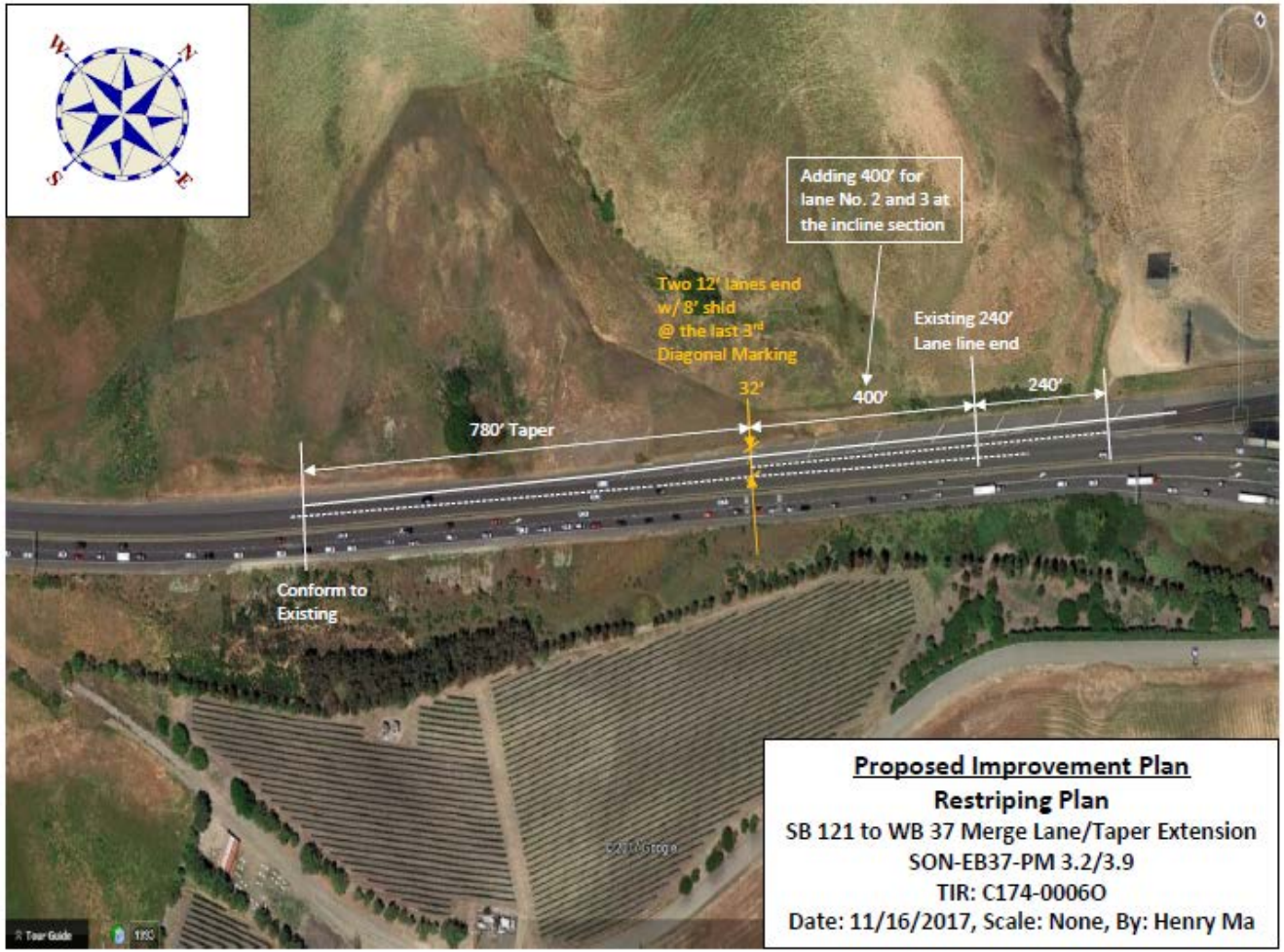
Adding 400' for lane No. 2 and 3 at the incline section
Two 12' lanes end w/ 8' shld @ the last 3rd Diagonal Marking
Existing 240' Lane line end
32'
400'
240'
780' Taper
Conform to Existing
Proposed Improvement Plan
Restriping Plan
SB 121 to WB 37 Merge Lane/Taper Extension
SON-EB37-PM 3.2/3.9
TIR: C174-0006O
Date: 11/16/2017, Scale: None, By: Henry Ma

NO SCALE

SR 37/121: Proposed Restriping Improving Westbound Merge

SR 37/121
Complete Striping & Signing/ Signal Timing Optimization
Schedule: Winter 2018

Questions?

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