

A photograph of a train crossing at dusk. The train is white with red accents and has the number "119" on its front. Its headlights are on, and the crossing lights are illuminated. A person is visible in the foreground on the left, looking towards the train. The scene is set against a backdrop of trees and a cloudy sky.

TRANSPORTATION MASTER PLAN

Receive Draft Strategies and Recommendations Working Paper
and Provide Feedback on South Area Recommendations

September 25, 2018

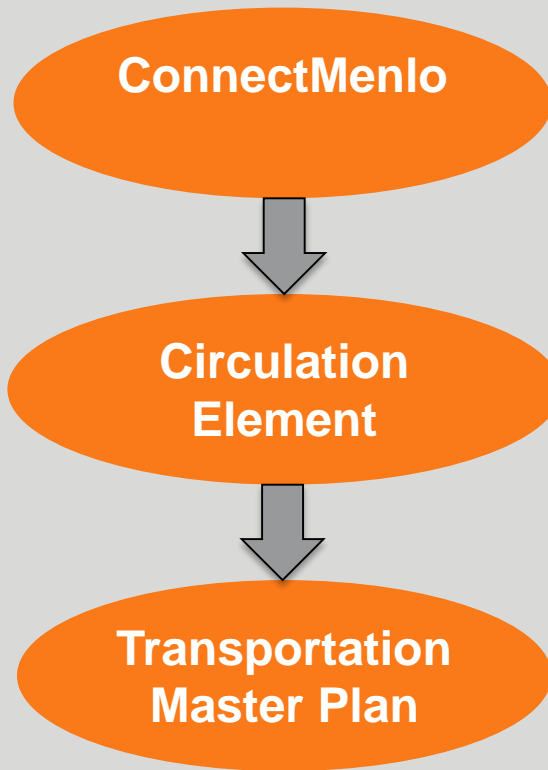
AGENDA

- Review of Project Goals & Purpose (10 min)
- Meeting Format (5 min)
- Open House Workshop (25 min)
- Committee Discussion (~1 hr)
- Next Steps (10 min)



REVIEW PROJECT GOALS & PURPOSE

BACKGROUND



PURPOSE

Transportation Master Plan

*General Plan
Circulation – 2.C*

- Community engagement on key issues
- Identify projects
- Cost estimates
- Prioritize improvements

Adopt Impact Fee program

*General Plan
Circulation – 6.C*

- Establish connection between new development and new infrastructure
- Update fee program
- Set fee rates by land use

Development pays new fees

- Fees due at building permit stage
- Improvements constructed as funds accumulate

TRANSPORTATION MASTER PLAN GOALS

- Safety

Vision Zero – Eliminate traffic fatalities and reduce the number of non-fatal collisions by 50% by 2040. (Policy CIRC-1.1)

- Sustainability

Enable the City to meet the goals of the current and future Climate Action Plan, including a 27 percent greenhouse gas emission reduction

- Mobility Choice

Design transportation projects to accommodate all modes and people of all abilities. Encourage the use of lower emission modes such as walking, biking and transit. (Policy CIRC-2.1 & 4.1)



PRIORITIZATION CRITERIA



Cost

- \$: Less than \$100,000
- \$\$: \$100,000 - \$1,000,000
- \$\$\$: \$1,000,000 - \$3,000,000
- \$\$\$\$: Partner Projects
- F: Funded

Ease of implementation

- May be accomplished during routine pavement maintenance or City-guided program
- May be eligible for grant funding
- Significant community support

Sensitive populations

- Proximity to daycares, senior centers, and communities of concern

Transportation sustainability

- Meets City's goals and policies for mobility choices and health & wellness

Safety

- Could improve safety conditions

School nearby

- K-12 school located with ½ mile radius

Congestion relief

- Short-Term
- Long-Term
- Circulation Patterns

GHG reduction / person throughput

- Moves people out of SOV and into transit, carpools, shuttles, etc.
- Meets City's GHG goal

Green infrastructure

- Reduces impervious surface or increases pervious surface; stormwater treatment

HOW DID WE GET HERE?

Date	Task
November–December 2016	City Council adopts ConnectMenlo Identifies TMP as highest priority Circulation Element program
January–June 2017	City selects W-Trans, Project Initiated
August 2017	City Council establishes Outreach & Oversight Committee
July–October 2017	1st round community engagement. 1,000 participants.
July–December 2017	Prep existing transportation information summary
January–March 2018	W-Trans develops draft recommendations and strategies
March 14, 2018	City Council info item to prepare for OOC #2
March 20, 2018	Outreach & Oversight Committee #2: Draft strategies and recommendations for high priority corridors

HOW DID WE GET HERE?

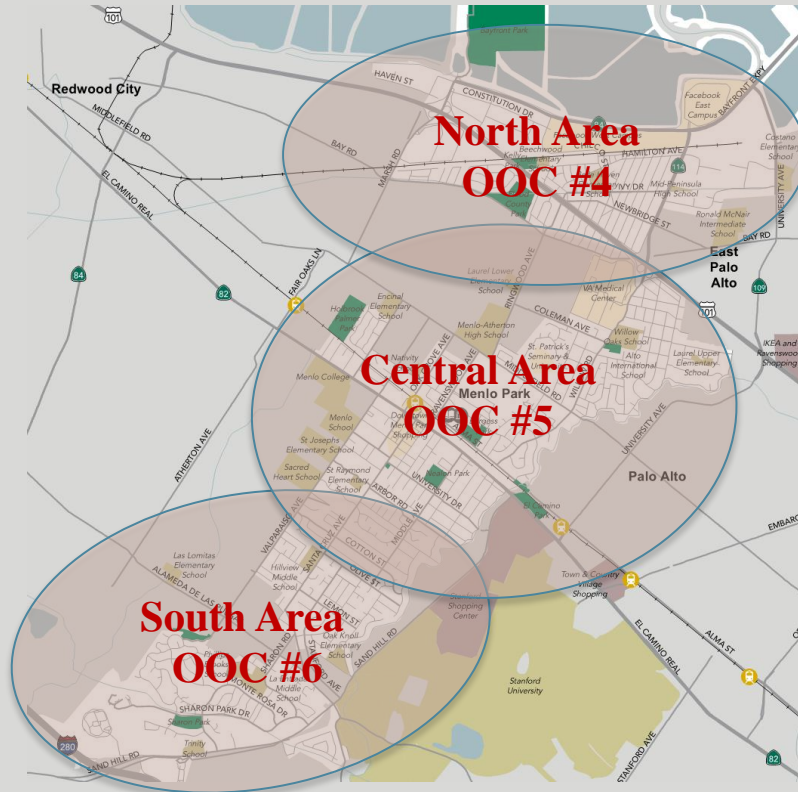
Date	Task
March 27, 2018	City Council info item: Identify need for more meetings Review recommendations from OOC
April 17 & 24, 2018	City Council policy discussion and direction
May 9, 2018	Complete Streets Commission
May 22, 2018	Council approval of revised scope of work
May 30, 2018	OOO #3: Review Council-adopted scope, goals, prioritization criteria and role of OOC
August 30, 2018	OOO #4: Review recommendations for north area of City
September 5, 2018	OOO #5: Review recommendations for central area of City
September 12, 2018	Complete Streets Commission #2: Review bicycle & pedestrian network recommendations

DRAFT STRATEGIES AND RECOMMENDATIONS

- Framework for development:
 - SamTrans Dumbarton Corridor Transportation Study
 - Dumbarton Forward (MTC)
 - City-prepared Transportation Analyses from past projects
 - Limited right-of-way
 - Critical issues based on transportation data and collision patterns
- Identified 4 high priority, major corridors:
 - Bayfront Expressway
 - Willow Road
 - El Camino Real
 - Sand Hill Road
- Citywide recommendations on other corridors also developed



CITY SUB-AREAS



MEETING FORMAT

- Open House Style
- Station Overview and Staff

DISCUSSION

- Public Comment
- Committee Feedback
 - Questions & Clarification

QUESTIONS TO KEEP IN MIND

- Is the list complete or are there projects missing?
- Are there projects listed that the Committee does not want to move forward?
- Do any of the projects need clarifications or refinements?
- Does the Committee agree that these projects should move forward into the next round of community engagement?



OPEN HOUSE

OPEN HOUSE RECAP

- Bike Mobility
- Pedestrian Mobility
- Congestion Relief
- Sustainability
- Safety

PROJECT HIGHLIGHTS

- **Close Sidewalk Gap**
 - Project 136 Sharon Road: New sidewalks requires removal of on-street parking and landscaping.
 - Project 140 Harkins Avenue: New sidewalks require removal of on-street parking and landscaping and coordination with San Mateo County.
- **New Bike Lanes**
 - Project 134 Avy Avenue: Class II bike lanes require removal of on-street parking and coordination and approval by San Mateo County.

PROJECT HIGHLIGHTS (CONT'D)

- Provide Clear Pathway during School Hours
 - Projects 140 and 142 – Parking restricted during school hours on Sharon Park Drive and Oak Avenue to provide clear walkway to La Entrada Middle School and Oak Knoll Elementary school, respectively
- Sand Hill Road and Oak Avenue (Project 143)
 - Reconfigure intersection to add two stage turn queue boxes to provide better bicycle access. Requires right turns on red to be prohibited for westbound Sand Hill and southbound Oak traffic.

FEEDBACK SUMMARY

- Staff received more than 220 comments from Committee members, Complete Street Commissioners, and members of the public
- Approximately 105 of the comments refer to projects to be Added/Modified/Clarified
 - Team still needs to analyze 45 for feasibility, appropriateness
 - About 15 projects will include sketches to help clarify the recommendation
- Remaining comments were either duplicates, agreement with project recommendations or includes policies/projects beyond the scope of the TMP

PROJECT ADDITIONS

- Pedestrian and Bicycle crossing over 101 north of Marsh Road
- Pedestrian and Bicycle Rail crossing over Dumbarton rail to Onetta Harris Community Center
- Marsh Road sidewalks – Requires removal of parking, landscaping and coordination with Redwood City residents
- Encinal Avenue sidewalks – Requires removal of parking and landscaping
- Bicycle Lanes on Chrysler – requires parking removal
- Bicycle Lanes on University between Oak Grove and Santa Cruz Ave – requires parking removal
- Bicycle Lanes on Oak Grove between Crane and University – requires parking removal

WILLOW & MIDDLEFIELD

- Challenges
 - Traffic Congestion
 - Pedestrian and Bicycle Connections
 - Limited Right of Way
- Feedback Received
 - Road Diet
 - Protected Intersection Components
 - Separated Bicycle Lanes
- Analysis Results
 - Queues
 - Delay

PROJECT MODIFICATIONS

- **Menalto Avenue from Durham Street to Woodland (#60)**
 - Request: Convert existing head-in parking to back-in angled parking near Café Zoe
- **Coleman between Ringwood Avenue and Willow Road (#61)**
 - Request: Class II bike lanes within City limits
 - Tradeoff: removal of on-street parking, Coordination with San Mateo County
- **Laurel Street from Burgess to Willow Road (#75)**
 - Request: Class II instead of Class III
 - Tradeoff: removal of on-street parking
- **Encinal Avenue from Garwood Way to El Camino Real (#82)**
 - Request: Class II instead of Class III
 - Tradeoff: removal of on street parking on both sides of the street



PROJECTS REQUIRING ADDITIONAL SKETCHES

- Shoulder running bus lanes along Bayfront Expressway (#3, #4, #6, #7)
- New intersection configuration at Bayfront Expressway/Willow Road (#8)
- Intersection improvements at Constitution Drive and Chrysler Drive (#16)
- Intersection improvements at Willow Road and O'Brien Drive (#40)
- Intersection improvements at Bay Road and Ringwood Avenue-Sonoma Avenue (#53)
- Intersection improvements at Ravenswood Avenue and Laurel Street (#74)
- Intersection improvements at Oak Grove Avenue and University (#110)

REMOVE WILLOW ROAD PROJECT ALTERNATIVE?

1. Project 35 - Create Exclusive Bus Lanes, Remove Bike Lanes and Median/Parallel Bike Routes/New Menalto Bike/Ped Overcrossing (If median to remain, road needs to be widened)
2. Project 36 - Bus Queue Jump Lane at O'Brien Drive
3. Project 37 - New Class IV Separated Bike Lanes, Removal of Median

DISCUSSION

- **Public Comment**

- **Committee Feedback**
 - Is the list complete or are there projects missing?
 - Are there projects listed that the Committee does not want to move forward?
 - Do any of the projects need clarifications or refinements?
 - Does the Committee agree that these projects should move forward into the next round of community engagement?



NEXT STEPS



SCHEDULE



Task	Schedule
Prepare info item for City Council	October/November 2018
Community workshop and online open house	Winter 2019
Release draft Master Plan	Spring 2019
OOC #7 & Complete Streets Commission review draft Master Plan	Spring 2019
City Council review and adoption	Summer 2019
Develop Fee Program update	Fall 2019

DISCUSSION

- Public Comment

- Committee Feedback
 - Schedule
 - Upcoming Meetings



THANK YOU