

## APPLICATION COVER SHEET

Applications are due by 3 p.m. on Monday, August 8, 2011 at the TransForm office. A complete application submission includes four (4) paper copies, unbound; all material, including attachments, maps, and graphics should be printed in black and white on 8 1/2" x 11" paper to ensure easy reproduction. Please do not submit cover letters.

All applications should also be submitted electronically, either by including a labeled flash drive (so that we may mail it back) with your application packet, or by uploading your application as one file to: <http://www.transformca.org/campaign/sr2t/application-upload>

TransForm's main office is located at 436 14th st., Suite 600, Oakland, CA 94612.

**Project Name:** Woodland Avenue Sidewalk Improvement Project

**Primary Project Agency Name(s):** City of Menlo Park

**City or Cities:** City of Menlo Park

**County or Counties:** San Mateo County

**Date Submitted:** 8/8/2011

**Date Received (leave blank):**

### Application Checklist:

To check a box, double click on the box and mark "Default Value" as "Checked." Please do not submit cover letters.

- Applicant has read the SR2T FAQ document
- All attachments are labeled as per the numbering system provided below.
- All materials should be readable when reproduced in black and white.
- All required attachments are included, any unused attachments have been deleted.

### Applicable Sections for Project and Plan Applications:

Please note that capital project applications should fill out all application parts except for part 13. Applications seeking funding for plans should fill out parts 1-3, 4C, 6, 7,10, 12, and 13

**When filling out the application, please show all methodology, assumptions, and sources used in your calculations. If the information requested in the application is not available, please include a brief explanation.**

- Attachment 1:** Map of Project Area (required)
- Attachment 2:** Budget Charts (required; included as a separate Excel file)
- Attachment 3:** Routine Accommodation Checklist (required; all proposals must complete MTC's Routine Accommodation Checklist. Please complete it on line at: [http://www.mtc.ca.gov/planning/bicyclespedestrians/routine\\_accommodations.htm](http://www.mtc.ca.gov/planning/bicyclespedestrians/routine_accommodations.htm). Please print out and submit a copy of the completed checklist.)

### List any additional attachments included in the application:

- Attachment 4:**
- Attachment 5:**
- Attachment 6:**
- Attachment 7:**
- Attachment 8:**

Attachment 9: [REDACTED]

Attachment 10: [REDACTED]

An authorized representative of the primary applicant agency must sign below, affirming that the statements in the application package are true and complete to the best of the applicant's knowledge.

Signature: 

Name: Atul Patel

Title: Senior Transportation Engineer

Date: 8/5/11

**PART 1: BASIC PROPOSAL INFORMATION (FOR PROJECT AND PLAN APPLICATIONS)**

Proposal Name: Woodland Ave Sidewalk Improvement Project

Primary Sponsoring Agency: City of Menlo Park

Secondary Sponsoring Agency or Agencies: N/A

General Location (Jurisdiction and/or neighborhood only): Menlo Park/Willows Neighborhood

**Project Type**

1. **Capital or Plan Project:** Safe Routes to Transit proposals may request funding for Capital projects or Plans. For Cycle 4, please do not combine capital projects and plans. An agency wishing to submit applications for both a plan and a project should submit two separate applications. Indicate below which type of project this application is:

**Capital Project**--improves safety and/or access for bicyclists and/or pedestrians to regional transit service (ex: bicycle lane, bicycle loop detector, crosswalk, improved intersection signalization, etc.) and/or improves access at a transit station/stop and/or on onboard transit vehicles.

**Plan**--includes the development of a Plan that specifically addresses bicycle and/or pedestrian access to a regional transit service (ex: station area plan, transit street plan, etc.).

2. **Mode Target:** Safe Routes to Transit encourages "complete" projects that provide improvements for trips made by walking and bicycling. Some facilities or components included in proposed projects may have obvious primary benefits to either cyclists or pedestrians. However, the entire project may provide benefits to *both* pedestrians and cyclists (traffic calming or increased motorist awareness, for example). Proposals that provide benefits to both bicyclists and pedestrians will score higher in this category. Please indicate which modes are the target beneficiaries of your project:

- Bicycles
- Pedestrians
- Both bicycle and pedestrians

**PART 2: SPONSORING AGENCY CONTACT INFORMATION (FOR PROJECT AND PLAN APPLICATIONS)**

*Project sponsors are expected to jointly cooperate on project planning, design and implementation.*

**A. Primary Sponsoring Agency: City of Menlo Park**

Agency role/responsibilities in the project: The City of Menlo Park is the lead agency and will administer the Project.

Primary Contact Person: Atul Patel

Title: Senior Transportation Engineer

Safe Routes to Transit Application  
FY 2011/2012

Phone #: 650-330-6770  
AIPatel@menlopark.org

Fax #: 650-327-5497

Email:

Mailing Address: 701 Laurel Street Menlo Park CA 94025

Role/Responsibilities in the project: Supervising Manager of the Transportation Program.

Secondary Contact Person: Randolph Craig

Title: Assistant Transportation Engineer

Phone #: 650-330-6772  
Rmcraig@menlopark.org

Fax #: 650-327-5497

Email:

Mailing Address: 701 Laurel Street Menlo Park CA 94025

Role/Responsibilities in the project: Design and Project Engineer

**B. Secondary Sponsoring Agency (if applicable): N/A**

Agency role/responsibilities in the project: [REDACTED]

Primary Contact Person: [REDACTED]

Title: [REDACTED]

Phone #: [REDACTED]

Fax #: [REDACTED]

Email: [REDACTED]

Mailing Address: [REDACTED]

Role/Responsibilities in the project: [REDACTED]

Secondary Contact Person:

Title: [REDACTED]

Phone #: [REDACTED]

Fax #: [REDACTED]

Email: [REDACTED]

Mailing Address: [REDACTED]

Role/Responsibilities in the project: [REDACTED]

**C. Third Sponsoring Agency (if applicable): N/A**

Agency role/responsibilities in the project: [REDACTED]

Primary Contact Person: [REDACTED]

Title: [REDACTED]

Phone #: [REDACTED]

Fax #: [REDACTED]

Email: [REDACTED]

Mailing Address: [REDACTED]

Role/Responsibilities in the project: [REDACTED]

Secondary Contact Person: [REDACTED]

Title: [REDACTED]

Phone #: [REDACTED]

Fax #: [REDACTED]

Email: [REDACTED]

Mailing Address: [REDACTED]

Role/Responsibilities in the project: [REDACTED]

**D. Additional Sponsoring Agencies or contact persons (if applicable): N/A**

**PART 3: FUNDING REQUEST (FOR PROJECT AND PLAN APPLICATIONS)**

Please fill out the Budget Charts (Attachment 2 in the application), included as a separate Excel file, in addition to providing the information requested below. The amounts below should match numbers from the Budget Charts. Please also note that the charts below, as well as the excel charts, match those in the Initial Project Report form required by MTC for all SR2T awarded projects. We have done this for your convenience. For more information on this form, including instructions, visit: <http://www.mtc.ca.gov/funding/RM2/rm2capital.htm>

**Please note: Overhead for the implementing agency may be reimbursed up to 50% of direct staff costs. Consultant overhead costs are not subject to the 50% reimbursement limit.**

**Project Budget (Escalated to year of expenditure)**

Phase	Total Amount - Escalated - (Thousands)
Environmental Studies & Preliminary Eng (ENV / PE / PA&ED)	\$10,000
Design - Plans, Specifications and Estimates (PS&E)	\$40,000
Right-of-Way Activities /Acquisition (R/W)	0
Construction / Rolling Stock Acquisition (CON)	\$200,000
Total Project Budget (in thousands)	\$250,000

**Project Budget (De-escalated to current year)**

Phase	Total Amount - De-escalated - (Thousands)
Environmental Studies & Preliminary Eng (ENV / PE / PA&ED)	[REDACTED]
Design - Plans, Specifications and Estimates (PS&E)	[REDACTED]
Right-of-Way Activities /Acquisition (R/W)	[REDACTED]
Construction / Rolling Stock Acquisition (CON)	[REDACTED]
Total Project Budget (in thousands)	[REDACTED]

**Project Budget – Deliverable Segment (Escalated to year of expenditure)**

Phase	Total Amount - Escalated - (Thousands)
Environmental Studies & Preliminary Eng (ENV / PE / PA&ED)	[REDACTED]
Design - Plans, Specifications and Estimates (PS&E)	[REDACTED]
Right-of-Way Activities /Acquisition (R/W)	[REDACTED]
Construction / Rolling Stock Acquisition (CON)	[REDACTED]
Total Project Budget (in thousands)	[REDACTED]

**Project Budget – Deliverable Segment (De-escalated to current year)**

Phase	Total Amount

	- De-escalated - (Thousands)
Environmental Studies & Preliminary Eng (ENV / PE / PA&ED)	
Design - Plans, Specifications and Estimates (PS&E)	
Right-of-Way Activities /Acquisition (R/W)	
Construction / Rolling Stock Acquisition (CON)	
Total Project Budget (in thousands)	

**PART 4: DETAILED PROJECT DESCRIPTION (PROJECT APPLICATIONS COMPLETE ALL SECTIONS, PLAN APPLICATIONS PLEASE COMPLETE ONLY SECTION C)**

**A. Project Description:** Please provide a brief project summary (it is ok to use bullets). In your answer, please ensure that you address the following (if applicable): (1) proposed use of the requested grant funds; (2) project components; (3) specific design details; (4) define the project/plan area and clearly identify its location; (5) transit service and station(s) associated with the project; (6) project ADA compliance; (7) any relevant project history.

The proposed use of the grant funds will be to pay the contractor to install the sidewalk.

The project is to install 8,000 square feet of sidewalk, curb and gutter, curb ramps and drieways conforms.

The new ramps on the sidewalk will comply to current ADA standards.

Location of the project is Woodland Avenue that borders the City of E. Palo Alto at Euclid Avenue.

There is a SAMTRANS bus locations on Menalto Ave at Woodland Avenue.

**B. Project Purpose:** Please provide a brief description about the current conditions and how the proposed project is anticipated to address/improve them. In other words, why is this project necessary. We encourage you to include good photographs that capture existing conditions, but please make sure that you have a system (numerical or otherwise) with which you can refer to them in your answer. Please make sure to address any existing design challenges, whether the project will affect travel to transit by people using other modes, and why your proposed project is the best solution to the challenges posed by the existing conditions.

Currently there are gaps between existing sidewalk segments this project will connect the gaps thus improving the connectivity. Children walking to and from school, and mother's walking their babies in strollers currently are forced to walk in the street because there is no shoulder in some of the existing gaps.

**C. Project Need:** Why is this project necessary and what is its potential impact? Describe the land use patterns or plans and roadway conditions for the area as they relate to the demand for walking and bicycling.

The potential impact is to improve connectivity. Woodland Avenue is a local residential street with two lanes with a school, Church and local market with a cleaners, hair salon and coffee shop.

**D. Maps/Drawings:**

The following must be included as Attachment 1 (if more than one map is included, please list and include as Attachment 1A, 1B, 1C, etc): *If photographs are included, please note where the photos were taken from (for example: which corner is photographed and from which direction—NW, SE...)—this helps us accurately capture before and after conditions for funded projects. The better your maps and drawings, the easier it will be for the project advisory committee to understand your project and its potential impact.*

1. Map(s) of project area, showing the following:

- a. Proposed project and project area. Please provide an easily read map showing the proposed project. If multiple bikeway types are proposed (e.g. a bicycle route and bicycle lane), clearly indicate the limits of each bikeway type.
- b. Existing facilities, as applicable (e.g. bikeways, sidewalks, crosswalks, traffic signals, etc.) If this project is closing a gap, clearly illustrate how the project will achieve this.

- c. Nearby transit facilities, regional connections, centers of activity, significant destination or origin of existing or potential transit riders, and other locations of interest.
- d. Scale, legend, and clear documentation of the items above.

2. Drawings (does not apply to planning applications):

- a. For bikeway, sidewalk and pathway projects **only**: Schematic diagrams showing 1) plan view of roadway/facility, including striping and stenciling and 2) cross-section of current roadway/facility, both with and without the proposed project.
- b. For pedestrian project components, include diagrams and/or drawings of proposed facilities
- c. If new bicycle/pedestrian signage is part of project, include graphics of proposed new signage (or close approximation, if not finalized).
- d. For bike parking projects, include diagrams or drawings of proposed parking and map indicating location of parking.

**PART 5: GAP CLOSURE (FOR PROJECT APPLICATIONS ONLY)**

Safe Routes to Transit prioritizes projects that enable a complete trip through design and scope by addressing needed improvements in access, on-board travel, and at stations/stops. In other words, we encourage projects that do not just address ped/bike access at one location or at one intersection, but those whose solutions are comprehensive.

*For example, bike lanes often stop well before an intersection, and then start up after the intersection. SR2T prioritizes projects that account for bicycle travel into and through intersections. As another example, pedestrian sidewalks and pathways sometimes require circuitous travel thru busy intersections in an indirect manner –different in quality from the routes that vehicles would be required to navigate. SR2T aims to accommodate bicyclists and pedestrians with at least the same level of priority in terms of safety, convenience, and comfort as motorists.*

**A. Project Completeness:** Please describe how your project is designed to provide safe and convenient bicycle and/or pedestrian access throughout the project limits, addressing safety gaps or project segments where bicycle and/or pedestrian access has not been thoughtfully considered. Include analysis of how your project connects with existing ped/bike facilities and, thus, contributes to a more extensive network beyond project limits.

The new 5 feet wide sidewalk will provide a safe walkway for pedestrians going to School, Church or a walk to the local market.

**B. Project Gaps:** Does your project close a major gap or overcome an absolute barrier in a bike or ped facility in the vicinity of a transit station, eliminating the need for circuitous travel to get to transit by walking or biking (i.e., there are no existing options such as existing city streets with sidewalks, a bridge, overcrossing, or connecting path through a park for traveling along the corridor)? Does your project include transit station/stop elements that are currently not in place? Identify any gaps in safe and convenient bicycle and/or pedestrian travel that will exist after your project completion.

This project will eliminate the existing gaps and provide connectivity on Woodland avenue from Euclid Avenue to Menalto Avenue.

**PART 6: SAFETY AND SECURITY (FOR PROJECT AND PLAN APPLICATIONS)**

*For a project or plan to score well in this area, it must deliberately address personal safety and security issues for pedestrians and bicyclists throughout the project area.*

**A. Personal Safety:** Describe how your project/plan is designed to address a demonstrated personal safety or personal security issue (e.g. collision data).

We do not have any collisions involving pedestrians.

**B. Theft and Security:** Provide statistics or relevant information about theft, safety, and/or personal security concerns in your project area.

N/A

**C. Project Design:** Is your project located in an area that is well-trafficked or monitored and in an area that is safe and well-lit.

**Woodland Avenue is enforced by the Police Department on a weekly basis.**

#### **PART 7: TRAFFIC CALMING (FOR PROJECT AND PLAN APPLICATIONS)**

**A. Traffic Calming/Traffic Awareness:** Provide information on how your project or plan will address traffic calming/speeds, motorist awareness and overall traffic safety. One goal of the Safe Routes to Transit Program is to elevate pedestrian and bicycle safety to the level afforded motorized vehicles and their users. In your answer to this question, please note how the project/plan will address the following (if applicable): (1) traffic data and prevailing traffic speeds; (2) the awareness of motorists to the presence of pedestrians and bicyclists; (3) demonstrated or obvious traffic safety problem (e.g. collision statistics are high, there are a large number of complaints/near misses at site, there is high-speed traffic/high volumes of traffic/poor sight lines, wide multi-lane streets where cyclists and pedestrians need to cross, turning motions etc.); and (4) for projects that separate non-motorized users from traffic, the integration of safe crossings into traffic where off-road segments meet roads.

**The new sidewalk will narrow the roadway in some areas to a width of 20 feet, two ten foot travel lanes and that will potentially force the drivers to slow when traveling on this roadway.**

#### **PART 8: PILOT PROJECT (FOR PROJECT APPLICATIONS ONLY)**

**A. Pilot Project (Optional, but does accrue points):** The SR2T Program encourages the design and development of facilities that provide a high standard of safety, convenience and comfort for pedestrians and bicyclists. Project applicants are encouraged to go above and beyond basic designs to develop innovative solutions for the pedestrian and bicycle challenges at hand.

Most manuals are written from the perspective of a baseline of minimum widths, minimum curve radii, etc., and to address the most common or typical situations for which standard signs and markings have been developed. However, these same manuals are continuously updated and new design treatments, and traffic control devices are added over the years, most recently the bicycle signal head and the sharrow pavement marking. These would not have been added unless an agency took a step back, determined that existing options in the manuals did not address the specific problem and then took the time to request to file an experiment from either the CTCDC or the FHWA and document the new device with before and after studies. The SR2T program wants to encourage and help agencies use existing design options in new and innovative ways. For examples of innovative treatments and respective design guidelines see the National Association of City Transportation Officials (NACTO) Urban Bikeway Design Guide: <http://nacto.org/cities-for-cycling/design-guide/>

1. Does the project use a new or "non-standard" device or design treatment for which a request to experiment will be filed? (see note about additional time allowed)

**No**

2. If you selected yes, has this new or "non-standard" device or design treatment been used in a previous jurisdiction, and if so, where? And, did that agency apply for a request to experiment? Was the situation for which the device or treatment was used similar or different from the one proposed? Please explain:

**[Redacted]**

3. Does the project use a package of standard design treatments and/or Traffic Control Devices (TCDs) that collectively provide an innovative approach to dealing with the problem to be solved and/or that have not yet found common use e.g. bike signal heads or traffic calming devices favoring pedestrian and bicycles (such as speed tables at crosswalks at intersections so that the bike path does not need the curb cut but rather the intersecting roadway crosses at a speed table), microwave or video detection for in pavement flashing lights, 6 to 8 foot bike lanes with a buffer zone for car doors, and way-finding signs?

**No**

4. Does the project use a standard design treatment such that no request to experiment is necessary but in a unique and innovative way or improve upon an existing design treatment? (Examples include but are not limited to: separating bikes from pedestrians on a bike path through use of pavement colors and materials, or, bike-friendly sinusoidal speed humps in a jurisdiction that has only used the more abrupt speed humps)

No

5. Does project/plan deal with a difficult bicycle/pedestrian safety or access issue that has not been addressed before?

No

6. Does the project improve upon a standard design or apply it in a new or innovative way?

No

7. Please explain any other aspects that contribute to the proposed project's/plan's the level of innovation.

8. In order to promote innovations, SR2T is willing to allow additional time for completion if necessary to resolve challenges related to innovative projects/plans. Briefly describe any anticipated challenges associated with the proposed innovation and your methods to resolve them, and, what—if any—additional time would be required to complete the project.

N/A

**PART 9: PROJECT READINESS (FOR PROJECT APPLICATIONS ONLY)**

*This section is to be completed only for applications requesting funding for capital projects.*

**A. What project development stages have been completed?**

- Preliminary Planning
- Planning/Conceptual Engineering
- Design Engineering
- Project is Construction Ready
- Other--Explain:

**B. Is the project dependent upon another uncompleted major capital project?**

- No
- Yes. Explain:

**C. What type of environmental documents will be prepared to meet CEQA (and NEPA, if applicable) requirements?** If the environmental phase is complete, provide the document type and approval date for CEQA (and NEPA, if applicable).

The City of Menlo Park filled a Notice of Exemption with the County of San Mateo under section 15303 categorical exemption on March 10, 2011.

**D. List any environmental issues that may require more detailed study.**

N/A

**E. Is the project entirely within the Sponsor(s) right-of-way?**

- Yes
- No. Describe any new right-of-way, permits or easements required and state when they will be acquired. Please note if the project is in a CalTrans right-of-way and what communication has taken place about the proposal with CalTrans:

**F. Are there any potential conflicts or challenges between the proposed project and public utilities, including any relocations/installations that are being implemented separately from the proposed project?**

- Yes. Explain: \_\_\_\_\_  
 No

**G. Have all departments impacted within the local government agency, transit agencies, and/or other public agencies been involved in the development of the project and reviewed the project to ensure feasibility?**

- Yes. List these departments, agencies, and highest level of staff that reviewed the project proposal, and describe the extent of technical review.  
 \_\_\_\_\_

- No. Explain: \_\_\_\_\_

**H. Is there significant local opposition or any pending lawsuits related to the project that may prevent the project from meeting the deadline for spending SR2T funds?**

- No  
 Yes. Explain: \_\_\_\_\_

**I. Who will oversee implementation of the project? Please provide a list of key staff (including names and titles); indicate which responsibilities will be carried out by outside consultants.**

City of Menlo Park, Public Works Department, Randolph Craig, Assistant Transportation Engineer will act as project manager for the Construction phase of the project.

**J. Briefly describe the strategy to comply with the SR2T requirement that the proposed project/plan be completed within three (3) years of grant approval (completion of project/plan by December 2014).**

The project is scheduled to go to construction Fall 2011.

**K. How long is the project expected to be in place or within use? (Describe plans, if any, to redevelop/repave the area, or other capital projects that would affect this project.)**

Once the sidewalk is installed there is no plan to remove it.

**L. Schedule: Please complete any applicable parts of the following schedule. Please keep in mind that sponsors have three years from MTC approval of SR2T Cycle 4 grantees--through December 2014-- to complete the awarded project.**

Milestone	Projected or Actual Date of Completion (Month/Year)
Begin Environmental Studies	Jan 2010
Environmental Approval – CEQA	Mar 10, 2011
Environmental Approval – NEPA	N/A
Begin Design	Jan 2010
Final PS&E	July 2011
Secure Right-of-Way Certification	N/A
Advertise Construction Phase	Aug 2011
Begin Construction (Award)	Sept 2011
Notice of Completion Date -- Accept Contract	Dec 2011
Project Closeout – Complete Final Report and Invoice to Funding Agency	Jan 2012

**PART 10: LOCAL SUPPORT (FOR PROJECT AND PLAN APPLICATIONS)**

Is this project in a Priority Development Area as identified by the Metropolitan Transportation Commission?

No

**A. Inclusion in Planning Documents:** (Local and regional Bicycle and/or Pedestrian Master Plans, General Plans, Specific Area Plans, Transit Access Plans, etc.)

- List the planning documents that include this specific project (Do not include documents that only generally reference the project.)

Sidewalk Master Plan

- Attach the document cover and the applicable pages only of each document that identifies the proposed project or plan as a priority, and list the websites where the full document can be accessed, if available. Each attachment should be indicated on the application and labeled according to its attachment number. Please do not include a copy of the entire plan. Alternatively, you may provide a link to the plan, as long as you note exactly where the project is discussed.

**B. Has this project/plan concept been reviewed by local bicycle and/or pedestrian committees?** List all that apply.

Yes. Committee Name(s) and Date(s):

No. Please explain why not.

**C. Has this project/plan concept been reviewed by all impacted transit operator(s)?**

Yes  
 Transit Agency:  
 Contact persons:  
 Dates of review:

Transit Agency:  
 Contact persons:  
 Dates of review:

No Explain why not. Not necessary.

**D. Public Meetings:** (neighborhood meetings, etc.) Describe any other public meetings that taken place where this specific project/plan has been discussed. Include the month and year for each meeting.

We meet with the residents of Woodland Avenue throughout the design process to discuss impacts to landscaping, fences, mailboxes and driveway conforms.

**E. Support Letters:** Letters will only be accepted as attachments to the application. Do not mail them separately.

1. Applicants must submit a letter from each partnering agency demonstrating the role that this agency will play in implementing the grant (this shall include any funding commitments, staff support, as well as any other form of involvement the partner agency will have in implementing the project or plan).
2. Applicants may submit general letters of support when they are necessary to demonstrate additional public support not addressed above, however, letters of general support are not required.

**F. Community Partners:** Please list below any community groups or agencies that have demonstrated strong support for this specific project through a advocacy or commitment to participation in the project/plan. Include the group name, contact person and phone number below, as well as an explanation of the role with regard to the proposed project or plan.

#### **PART 11: TRANSIT INFORMATION (FOR PROJECT APPLICATIONS ONLY)**

**A. Regional Transit Information:** Please review the FAQs document for details about what qualifies as regional transit service for SR2T purposes. For each transit station/stop associated with the project/plan, please provide the following information, along with data sources: (1) to/at/on which transit services will the project provide safe access? (2) number of existing daily weekday trips made to and from transit station/stop; (3) what is the current mode split to the station/stop? Please indicate what percentage or number of trips made to the transit station/stop are made by bicycling, walking, other transit, car drop-off, and drive & park. Reference peak data if possible; (4) frequency of service at transit station/stop during both commute and off-commute times for the regional transit that serves the station/stop.

SAMTRANS bus stop is located on Menalto Avenue near Woodland Avenue.

**B. Routine Accommodation (Optional, not scored):** Does your agency fill out MTC's Routine Accommodation Checklist for all of its transportation projects? Briefly provide some feedback on how useful you have found this document to be.

Yes

*Please Note: all SR2T projects must complete MTC's Routine Accommodation checklist ([http://www.mtc.ca.gov/planning/bicyclespedestrians/routine\\_accommodations.htm](http://www.mtc.ca.gov/planning/bicyclespedestrians/routine_accommodations.htm)) in advance of MTC approval of grantee list in November/December 2011. MTC's Routine Accommodations Checklist is intended for use on projects at their earliest conception or design phase to ensure that any pedestrian or bicycle consideration can be included in the project budget. After completing the Checklist, your County Congestion Management Agency is required to make completed checklists available to their Bicycle and Pedestrian Advisory Committee (BPACs) for review. To fill out the checklist, you need a password and login from your county's Congestion Management Agency. The following is a list of contacts from each Bay Area County that can provide applicants with a password:*

Alameda County Congestion Management Agency  
Vivek Bhat <[vbhat@accma.ca.gov](mailto:vbhat@accma.ca.gov)>

Contra Costa Transportation Authority  
Amin AbuAmara < [aabuamara@ccta.net](mailto:aabuamara@ccta.net) >

Transportation Authority of Marin  
David Chan < [dchan@tam.ca.gov](mailto:dchan@tam.ca.gov) >

Napa County Transportation Planning Agency  
Eliot Hurwitz < [ehurwitz@nctpa.net](mailto:ehurwitz@nctpa.net) >

San Francisco County Transportation Agency  
Ben Stupka < [ben.stupka@sfcta.org](mailto:ben.stupka@sfcta.org) >

City/County Association of Governments  
Sandy Wong < [slwong@co.sanmateo.ca.us](mailto:slwong@co.sanmateo.ca.us) >

Valley Transportation Authority  
Marcella Rensi < [marcella.rensi@vta.org](mailto:marcella.rensi@vta.org) >

Solano County Transportation Authority  
Sara Woo < [swoo@sta-snci.com](mailto:swoo@sta-snci.com) >

Sonoma County Transportation Authority  
Seana Gause < [sgause@sctainfo.org](mailto:sgause@sctainfo.org) >  
Lynn March < [lmarch@sctainfo.org](mailto:lmarch@sctainfo.org) >

#### **PART 12: LOW-INCOME COMMUNITY (FOR PROJECT AND PLAN APPLICATIONS)**

**A. Low-Income, Minority Community:** Please summarize the most recent demographic data (and sources) that describes the percentage of people of color and percentage of people living at or below twice the poverty level in the area served by the proposed project or plan *and* an explanation of how the proposed project/plan will serve these communities.

█

#### **PART 13: PLANS (FOR PLAN APPLICATIONS ONLY)**

*This section is only required for applications seeking funding for plans.*

**A. Has your jurisdiction ever adopted or prepared a similar Plan to the one you propose?**

Yes. Title of plan and date adopted: █

No

1. If Yes: briefly describe the steps the agency has taken to implement the existing Plan, and attach a copy of document's front cover and table of contents.

█

2. If Yes: explain how the proposed plan would differ from previous plans.

█

**B. Describe the area covered by the proposed Plan.** Please include the size of the access area in square miles, identify transit stations, etc. Reference the map and project information provided in PART 4 when applicable.

8,000 square feet of sidewalk with a total length of 1,260 linear feet of sidewalk added to connect the missing gaps.

**C. Describe the elements to be included in the Plan and the focus of the Plan.** Ideally, plans should address all of the following:

1. bicycle/pedestrian access to transit  yes
2. removal of barriers intermodal connections  yes
3. system-wide transit enhancements
4. safety and security  yes
5. at-risk/under-served communities
6. implementation
7. funding
8. priorities

**D. Has a written Plan outline or concept been developed and reviewed internally?**

No

Yes. Please indicate which departments, and the highest level of staff that has reviewed this. The Sidewalk Master Plan was developed through Community Meetings and upon completion the project was approved by City Council. This project was borne out of the Sidewalk Master Plans. City Staff surveyed the top ten (10) sidewalk segments from the Sidewalk Master Plan and Woodland Avenue and received the most interest from the residents to have a sidewalk installed.

**E. Has a plan outline or concept been reviewed and/or approved by one or more public bodies?**

Yes. list the name of public bodies, dates reviewed, and actions taken.

No

**G. Briefly describe the strategy to comply with the SR2T requirement that the proposed plan be completed within three (3) years of grant approval (i.e., plan completion by November 2014).**

The project is designed the next steps include

Advertise Project - Aug 2011

Award to Contractor-Sept 2011

Project Completion - Dec 2011

Project Acceptance - Jan 2012

**H. Briefly describe the outreach work you intend to include in the development of the Plan.** Include an explanation of how the public and neighboring jurisdictions will be involved; how the work will be divided between staff and consultants (if any), etc.

The outreach for this project is complete. The first steps were in the development of the Sidewalk Master Plan. The City performed a Community Engagement process

**I. Describe how the Plan will be approved.** Include the name of the public body that will approve the final Plan and what action is anticipated to finalize this approval.

City Council will give authority to staff to award a contract to the Contractor to construct the sidewalk. The award of contractor will be after the project is advertised and lowest qualified bidding contractor is selected.

**J. Describe how recommendations included in the Plan will be implemented.** Include descriptions of any capital funding identified or set aside to implement the recommendations.

Upon award of contract the the lowest qualified bidder they will be a construction budget approved by City Council for the implementation.

#### **PART 14: ADDITIONAL INFORMATION (OPTIONAL)**

**A. Please provide any information that has not been included elsewhere in this document to support your application.**





RM-2 Initial Project Report

**EXPENDITURES TO-DATE BY PHASE AND FUND SOURCES**

Phase	Fund Source	Date of Last Expenditure	Amount Expended to date (Thousands)	Available Balance Remaining (Thousands)
ENV / PA&ED				
PS&E	CIP Budget	Oct-10	\$36,000.00	\$184,000.00
RW				
CON / Operating	CIP Budget			
Total to date (in thousands)			\$36,000.00	\$184,000.00

**Comments:**

The City of Menlo Park anticipates advertising the Woodland Avenue Sidewalk Improvement Project in Aug. 2011 and subsequently award the contract to the lowest qualified bidder in Oct. 2011

As required by RM-2 Legislation, provide funds expended to date for the total project. Provide both expenditure by Fund Source and Expenditure by Phase, with the date of the last expenditure, and any available balance remaining to be expended.

Project ID: 0  
 Date: 8/5/2011





**Woodland Avenue Sidewalk Improvement Project** CREATED 2011-08-01 (4 days ago) UPDATED 2011-08-01 (4 days ago)

**Name** Woodland Avenue Sidewalk Improvement Project

**Description** The proposed use of the grant funds will be to pay the contractor to install the sidewalk. Install 8,000 square feet of sidewalk, curb and gutter, curb ramps and driveways conforms. The new ramps on the sidewalk will comply to current ADA standards. Location of the project is Woodland Avenue that borders the City of E. Palo Alto at Euclid Avenue. There is a SAMTRANS bus locations on Menalto Ave at Woodland Avenue.

**Status** In Progress

**Project** 2010 Street Resurfacing Project - Various Streets

**City** Menlo Park

**Contact Name** Randolph Craig

**Contact Email** jhigaki@co.sanmateo.ca.us

**Contact Phone** 650-330-6772

**Contact Address** 701 Laurel Street  
Menlo Park CA 94025

**1a** What accommodations for bicycles and pedestrians are now included on the current facility and on Class II bicycle lanes Class III bicycle routes Class III bicycle routes

Class I bicycle paths  
Class II bicycle lanes  
Class III bicycle routes  
Bicycle Boulevards  
Bicycle parking  
**Sidewalks on one side or both sides of street**  
Frequent crosswalks  
Narrow unpaved path  
Pedestrian-actuated traffic signals or routine pedestrian cycle  
Bicycle actuated traffic signals or routine bicyclist cycle  
High visibility crosswalks  
Pedestrian-level lighting  
**ADA-compliant ramps**  
Traffic signal push buttons  
Refuge islands on roadways  
Other

Please provide specifics of any items checked above.

**1b** If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways? 0-1/4 mile 1/4 mile to 1/2 mile 1/2 mile to 1 mile 1+ mile

**1c** Please indicate any particular pedestrian uses or improved lighting

Lack of sidewalk  
Intersection improvements  
Mid-block crossings  
Elderly or disabled

School age children	
1d	<p>What existing challenges would the proposed project improve for bicycle or pedestrian travel in the vicinity of the proposed project?</p> <p>Unresponsive signals to bicycles Lack of bicycle parking Freeway on-off ramps Narrow curb lanes Choke points RR crossings No bike racks on buses Wide roadway crossings Long signal cycles which require pedestrians to wait long periods of time Short signal crossing times Narrow undercrossings, overcrossings Sidewalk obstruction or missing sidewalk Pedestrian-level lighting ADA compliant facilities</p>
Other	
2a	<p>What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?</p> <p>Senior centers High-density land uses Downtowns Shopping areas Medical centers Major public venues Government buildings Parks</p>
Other	
3a	<p>In the project design, have you considered collisions involving bicyclists and pedestrians along the route of the facility?</p> <p>Yes</p>
Other	
4a	<p>Do any adopted plans call for the development of City or town bicycle plan City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan</p>
Other	
Is the proposed project consistent with these plans?	
Yes	
5a	<p>Do any local, statewide or Federal policies call for incorporating bicycle and/or pedestrian facilities into this project?</p> <p>Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement</p>
Americans with Disabilities Act Accessibility Guidelines (ADAAG)	

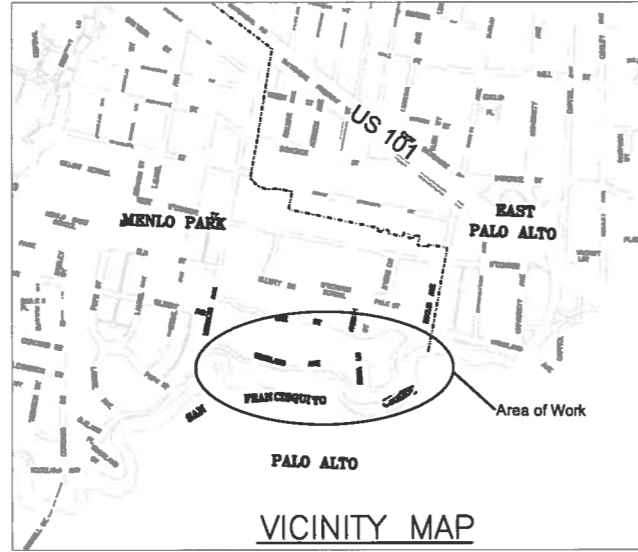
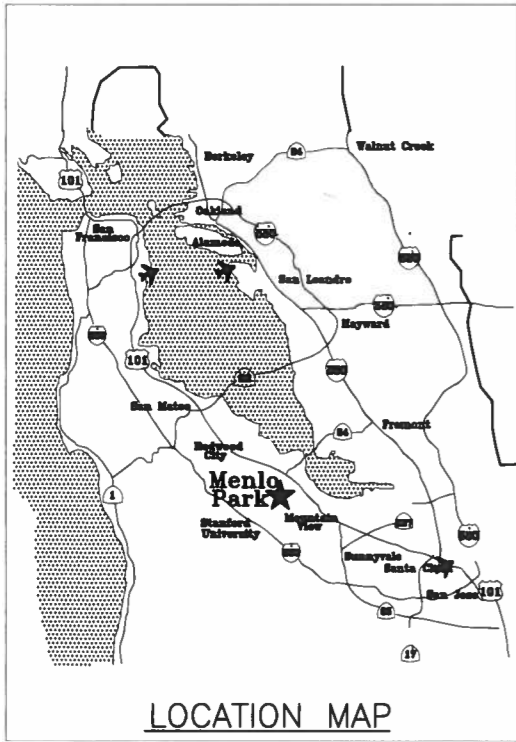
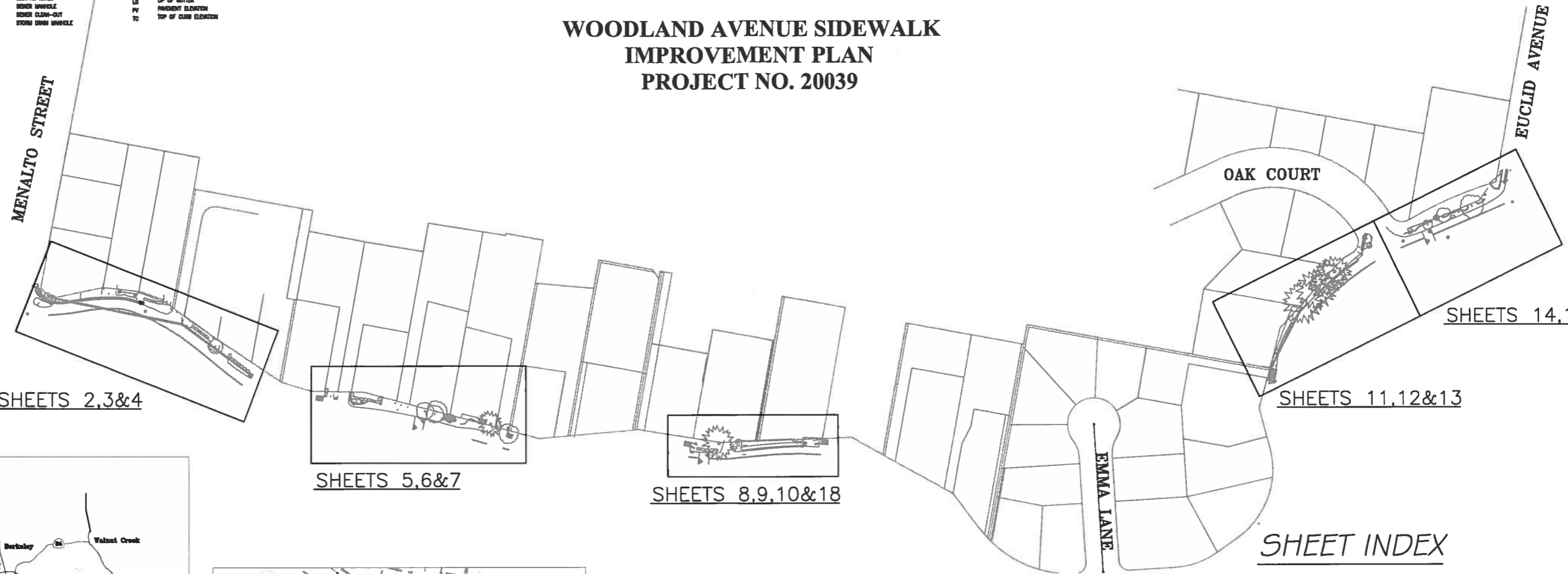
	Other
	If so, have the policies been followed? Yes
5b	If this project includes a bicycle and/or pedestrian facility, have all applicable design standards or guidelines been followed?
6a	If there have been BPA, stakeholder and/or public meetings at which the proposed project has been discussed, what comments have been made regarding bicycle and pedestrian accommodations?
7a	What accommodations, if any, are included for Class I bicycle paths Class II bicycle lanes Class III bicycle routes design? Bicycle Boulevards Bicycle parking Sidewalks on both sides of street Widened sidewalks Frequent crosswalks Narrow unpaved path Bicycle actuated traffic signals High visibility crosswalks Pedestrian-level lighting <b>ADA-compliant ramps</b> Traffic signal push buttons Refuge islands on roadways
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement? No If yes, please describe situation in detail.
8b	If the proposed project does not incorporate either bicycle or pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.
	What would be the cost of the bicycle and/or pedestrian facility?
	What is the bicycle and/or pedestrian facility's proportion of the total project cost?
	Right-of-way. (Did an analysis lead to this conclusion?)
9a	How will access for bicyclists and pedestrians be maintained during project construction? Alternative signed bicycle route Alternative signed pedestrian route <b>Separated pedestrian pathway</b> Other
10a	What agency will be responsible for ongoing maintenance of the facility? City of Menlo Park
10b	How will ongoing maintenance be budgeted? Yes

**LEGEND:**

- |  |  |  |                          |
|--|--|--|--------------------------|
|  | CURB GUTTER AND SIDEWALK<br>SPACE AS NOTED |  | STORM DRAIN INLET        |
|  | OVERHEAD ELECTRICAL WIRES                  |  | CONIFEROUS TREE AS NOTED |
|  | OVERHEAD TELEPHONE WIRES                   |  | PALM TREE AS NOTED       |
|  | PROPERTY LINE                              |  | SHRUBS OR BUSHES         |
|  | RIGHT-OF-WAY                               |  | WATER METER              |
|  | FIRE HYDRANT                               |  | WATER VALVE              |
|  | GAS WIRE                                   |  | BACK OF WALK ELEVATION   |
|  | UTILITY POLE                               |  | FLOW LINE ELEVATION      |
|  | MANHOLE                                    |  | LIP OF GUTTER            |
|  | SIGN AS NOTED                              |  | PAVEMENT ELEVATION       |
|  | SEWER MANHOLE                              |  | TOP OF CURB ELEVATION    |
|  | SEWER CLEAN-OUT                            |  |                          |
|  | STORM DRAIN MANHOLE                        |  |                          |

**CITY OF MENLO PARK  
ENGINEERING DIVISION**

**WOODLAND AVENUE SIDEWALK  
IMPROVEMENT PLAN  
PROJECT NO. 20039**



**NOTES:**

- DISTANCES SHOWN HEREIN ARE GROUND DISTANCES SHOWN IN FEET AND DECIMALS THEREOF.
- SYMBOLS SHOWN HEREIN ARE ICONS ONLY AND DO NOT REPRESENT THE ACTUAL SIZE OF SHAPE OF THE FEATURES THEY REPRESENT.
- THIS IS NOT A BOUNDARY SURVEY. PARCEL BOUNDARIES SHOWN HEREON ARE COMPILED FROM RECORD DATA ONLY.

**BENCHMARK:**

ELEVATIONS SHOWN HEREON ARE BASED ON AN ASSUMED LOCAL DATUM. THE BENCHMARK FOR THIS DATUM IS A FOUND "PK" NAIL AND WASHER IN PAVEMENT ON THE SOUTHERLY SIDE OF WOODLAND AVENUE APPROXIMATELY 9.4 FEET EASTERLY FROM THE CONCRETE LANDING IN FRONT OF THE 3.5 FEET GATE TO 1495 WOODLAND AVENUE. (SEE SHEET 17)

**BASIS OF BEARING:**

THE BEARINGS SHOWN HEREON ARE BASED ON FOUND WELL MONUMENTS IN EMMA LANE, BEING HELD AS NORTH 3° 25' WEST AS SHOWN ON THAT CERTAIN MAP ENTITLED "TRACT No.751 WOODLAND OAKS" AND FILED FOR RECORD IN VOLUME 46 OF RECORDED SUBDIVISION MAPS AT PAGE 12 IN THE OFFICIAL RECORDS OF SAN MATEO COUNTY.

**WOODLAND AVENUE**

COVER SHEET	STREET NAME AND LIMITS LEGEND, ABBREVIATIONS, AND SYMBOLS	SHEET OF TOTAL
DEMOLITION PLAN	WOODLAND AVE (1103 - 1163)	2 OF 18
DRAINAGE/GRADING PLAN	WOODLAND AVE (1103 - 1163)	3 OF 18
SITE CONSTRUCTION PLAN	WOODLAND AVE (1103 - 1163)	4 OF 18
DEMOLITION PLAN	WOODLAND AVE (1215 - 1285)	5 OF 18
DRAINAGE/GRADING PLAN	WOODLAND AVE (1215 - 1285)	6 OF 18
SITE CONSTRUCTION PLAN	WOODLAND AVE (1215 - 1285)	7 OF 18
DEMOLITION PLAN	WOODLAND AVE (1321 - 1381)	8 OF 18
DRAINAGE/GRADING PLAN	WOODLAND AVE (1321 - 1381)	9 OF 18
SITE CONSTRUCTION PLAN	WOODLAND AVE (1321 - 1381)	10 OF 18
DEMOLITION PLAN	WOODLAND AVE (1477 - 1489)	11 OF 18
DRAINAGE/GRADING PLAN	WOODLAND AVE (1477 - 1489)	12 OF 18
SITE CONSTRUCTION PLAN	WOODLAND AVE (1477 - 1489)	13 OF 18
DEMOLITION PLAN	WOODLAND AVE (1495)	14 OF 18
DRAINAGE/GRADING PLAN	WOODLAND AVE (1495)	15 OF 18
SITE CONSTRUCTION PLAN	WOODLAND AVE (1495)	16 OF 18
STORM DRAIN PLAN	WOODLAND AVE (1321-1381)	17 OF 18
DETAIL SHEET		18 OF 18

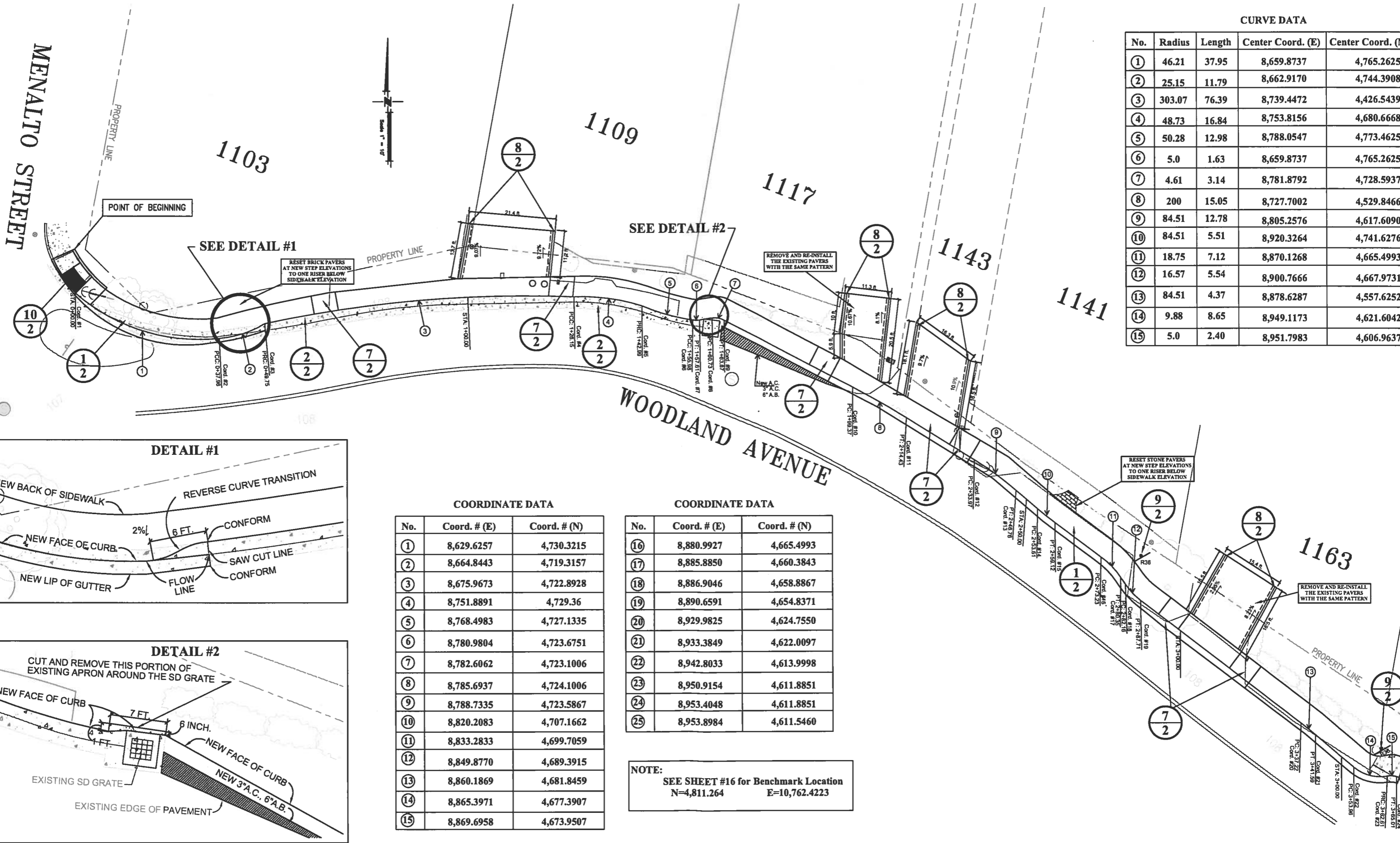
**SHEET INDEX**

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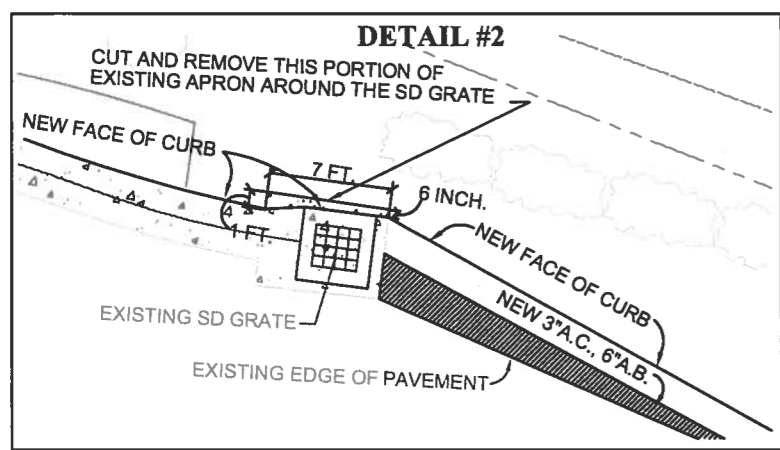
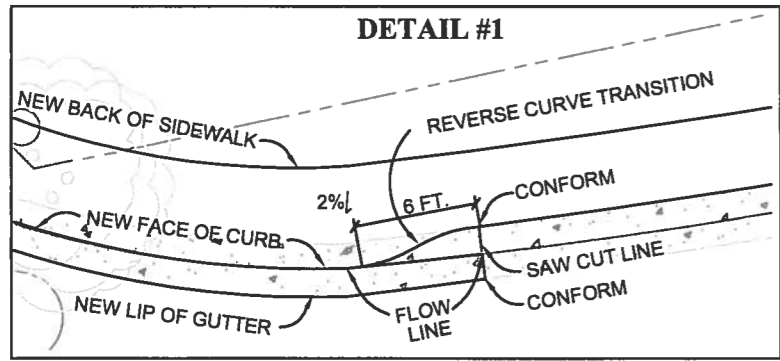
DATE: _____	APPROVED: _____	NO. _____	BY _____	DATE _____	REVISIONS _____
SCALE: _____	CHARLES W. TAYLOR, ENGINEERING SERVICES MANAGER CITY OF MENLO PARK				
DRAWN BY: <b>RMC</b>					
DRAWING NAME: _____					
DESIGNED BY: <b>RMC</b>					
CHECKED BY: <b>CWT</b>					
	DATE: <b>7/30/2013</b>				
	R.C.E. #: <b>73898</b>				
	EXPIRES: <b>6/30/2013</b>				


**CITY OF MENLO PARK**  
**ENGINEERING DIVISION**  
 701 LAUREL STREET, MENLO PARK, CA 94025-3483  
 PHONE (650) 330-6770 FAX (650) 327-5497

**WOODLAND AVENUE SIDEWALK  
IMPROVEMENT PROJECT  
COVER SHEET**



CURVE DATA				
No.	Radius	Length	Center Coord. (E)	Center Coord. (N)
①	46.21	37.95	8,659.8737	4,765.2625
②	25.15	11.79	8,662.9170	4,744.3908
③	303.07	76.39	8,739.4472	4,426.5439
④	48.73	16.84	8,753.8156	4,680.6668
⑤	50.28	12.98	8,788.0547	4,773.4625
⑥	5.0	1.63	8,659.8737	4,765.2625
⑦	4.61	3.14	8,781.8792	4,728.5937
⑧	200	15.05	8,727.7002	4,529.8466
⑨	84.51	12.78	8,805.2576	4,617.6090
⑩	84.51	5.51	8,920.3264	4,741.6276
⑪	18.75	7.12	8,870.1268	4,665.4993
⑫	16.57	5.54	8,900.7666	4,667.9731
⑬	84.51	4.37	8,878.6287	4,557.6252
⑭	9.88	8.65	8,949.1173	4,621.6042
⑮	5.0	2.40	8,951.7983	4,606.9637



COORDINATE DATA		
No.	Coord. # (E)	Coord. # (N)
①	8,629.6257	4,730.3215
②	8,664.8443	4,719.3157
③	8,675.9673	4,722.8928
④	8,751.8891	4,729.36
⑤	8,768.4983	4,727.1335
⑥	8,780.9804	4,723.6751
⑦	8,782.6062	4,723.1006
⑧	8,785.6937	4,724.1006
⑨	8,788.7335	4,723.5867
⑩	8,820.2083	4,707.1662
⑪	8,833.2833	4,699.7059
⑫	8,849.8770	4,689.3915
⑬	8,860.1869	4,681.8459
⑭	8,865.3971	4,677.3907
⑮	8,869.6958	4,673.9507

COORDINATE DATA		
No.	Coord. # (E)	Coord. # (N)
⑯	8,880.9927	4,665.4993
⑰	8,885.8850	4,660.3843
⑱	8,886.9046	4,658.8867
⑲	8,890.6591	4,654.8371
⑳	8,929.9825	4,624.7550
㉑	8,933.3849	4,622.0097
㉒	8,942.8033	4,613.9998
㉓	8,950.9154	4,611.8851
㉔	8,953.4048	4,611.8851
㉕	8,953.8984	4,611.5460

NOTE:  
SEE SHEET #16 for Benchmark Location  
N=4,811.264 E=10,762.4223

DATE \_\_\_\_\_  
SCALE \_\_\_\_\_  
DRAWN BY: RMC  
DRAWING NAME: \_\_\_\_\_  
DESIGNED BY: RMC  
CHECKED BY: CWT

APPROVED:  
CHARLES W. TAYLOR, ENGINEERING SERVICES MANAGER  
CITY OF MENLO PARK  
DATE: 7/30/13 R.C.E. # 73698 EXPIRES 6/30/13

NO.	BY	DATE	REVISIONS

**CITY OF MENLO PARK**  
ENGINEERING DIVISION  
701 LAUREL STREET, MENLO PARK, CA 94025-3483  
PHONE (650) 330-8770 FAX (650) 327-5497

**WOODLAND AVENUE SIDEWALK IMPROVEMENT PROJECT**  
SITE CONSTRUCTION PLAN

SHEET 4  
OF 18 SHEETS  
PROJ. NAME

1205

1215

1225

1231

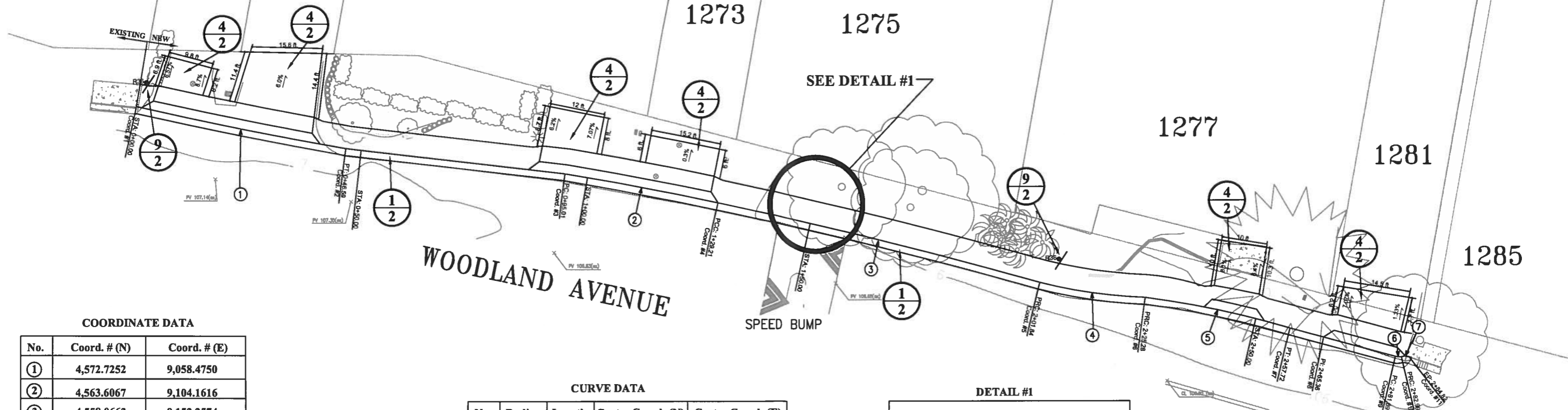
1273

1275

1277

1281

1285



COORDINATE DATA

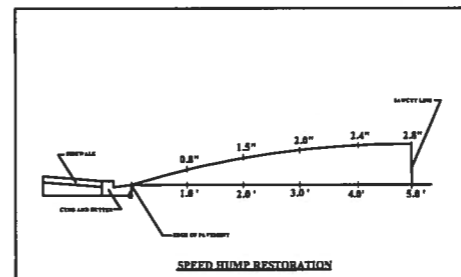
No.	Coord. # (N)	Coord. # (E)
①	4,572.7252	9,058.4750
②	4,563.6067	9,104.1616
③	4,558.0663	9,152.2574
④	4,551.7193	9,185.8566
⑤	4,534.1984	9,256.3411
⑥	4,530.4515	9,279.4915
⑦	4,524.0966	9,311.1921
⑧	4,517.8585	9,334.3316
⑨	4,517.7616	9,335.6192
⑩	4,517.7681	9,337.4235

NOTE:  
See Sheet #16 for Benchmark Location  
N=4,811.264 E=10,762.4223

CURVE DATA

No.	Radius	Length	Center Coord. (N)	Center Coord. (E)
①	972	46.59	5,521.1006	9,271.5128
②	755	34.19	3,812.8875	9,028.9021
③	1131.72	72.64	3,445.2287	8,948.2172
④	113.11	23.43	4,643.8780	9,284.0148
⑤	200.74	32.44	4,331.7794	9,253.6427
⑥	3.96	1.29	4,521.7107	9,335.2688
⑦	2.99	1.83	4,514.9045	9,336.5316

DETAIL #1



DATE \_\_\_\_\_  
SCALE \_\_\_\_\_  
DRAWN BY: RMC  
DRAWING NAME: \_\_\_\_\_  
DESIGNED BY: RMC  
CHECKED BY: CWT

APPROVED:  
CHARLES W. TAYLOR, ENGINEERING SERVICES MANAGER  
CITY OF MENLO PARK  
DATE: 7/30/13 R.C.E. # 6/30/13 EXPIRES

NO.	BY	DATE	REVISIONS

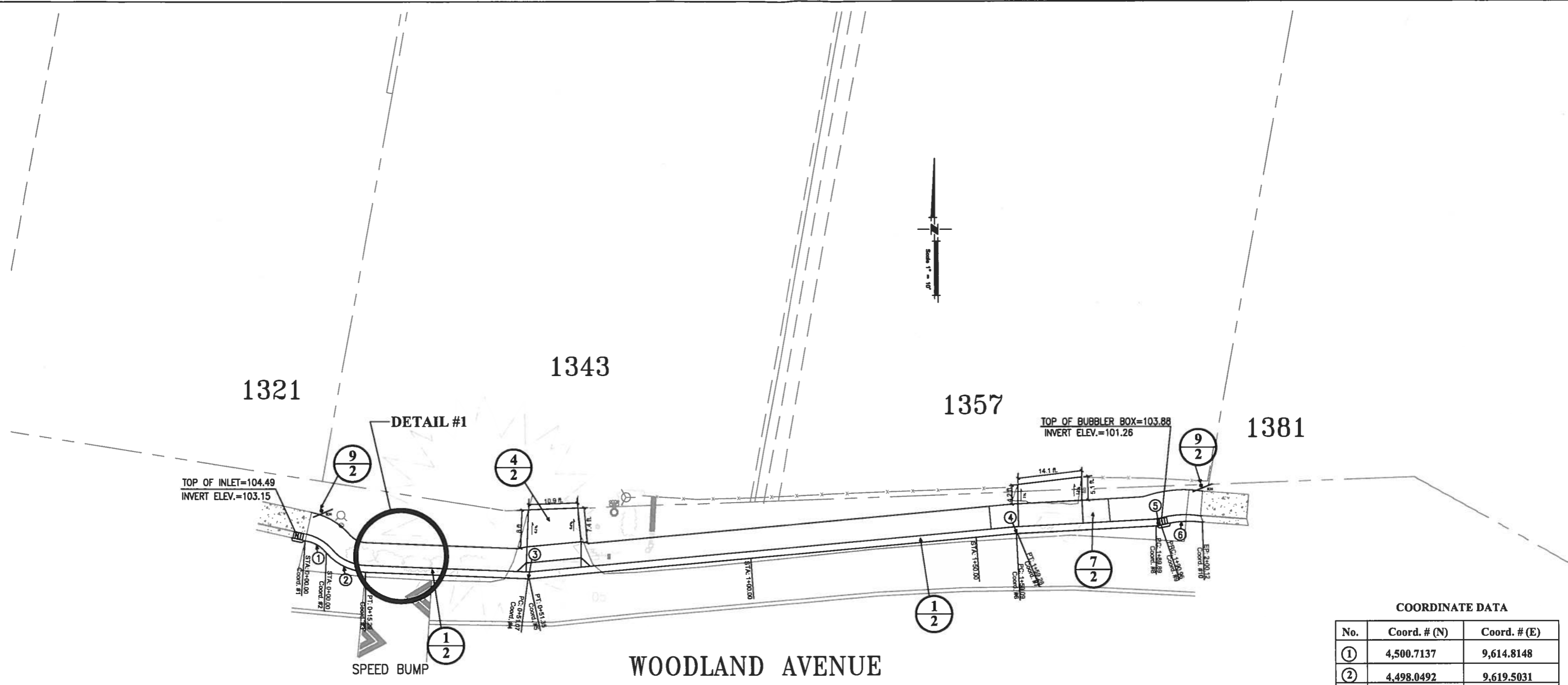


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ENGINEERING DIVISION  
701 LAUREL STREET, MENLO PARK, CA 94025-3483  
PHONE (650) 330-8770 FAX (650) 327-5497

**WOODLAND AVENUE SIDEWALK  
IMPROVEMENT PLAN  
SITE CONSTRUCTION PLAN**

SHEET 7

OF 18 SHEETS  
PROJ. NAME



TOP OF INLET=104.49  
INVERT ELEV.=103.15

TOP OF BUBBLER BOX=103.88  
INVERT ELEV.=101.26

SPEED BUMP

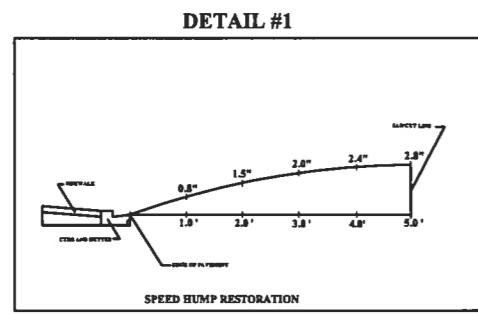
WOODLAND AVENUE

COORDINATE DATA

No.	Coord. # (N)	Coord. # (E)
①	4,500.7137	9,614.8148
②	4,498.0492	9,619.5031
③	4,493.8188	9,628.0408
④	4,492.3655	9,663.7870
⑤	4,492.3737	9,664.0674
⑥	4,502.0660	9,771.3726
⑦	4,502.0794	9,771.5602
⑧	4,503.6839	9,802.1256
⑨	4,503.8545	9,803.1838
⑩	4,504.4848	9,812.2594

CURVE DATA

No.	Radius	Length	Center Coord. (N)	Center Coord. (E)
①	10	5.47	10,845.3333	10,845.3333
②	11.35	9.83	10,845.3333	10,845.3333
③	2.0	0.28	10,845.3333	10,845.3333
④	5.0	0.18	10,845.3333	10,845.3333
⑤	5.0	1.07	10,845.3333	10,845.3333
⑥	23.13	9.15	10,845.3333	10,845.3333



NOTE:  
See Sheet #16 for Benchmark Location  
N=4,811.264 E=10,762.4223

DATE	APPROVED:		
SCALE	CHARLES W. TAYLOR, ENGINEERING SERVICES MANAGER		
DRAWN BY: RMC	CITY OF MENLO PARK		
DESIGNED BY: RMC			
CHECKED BY: CWT			
	73898	5/30/13	
	R.C.E. #	EXPIRES	
	DATE		
NO.	BY	DATE	REVISIONS

**CITY OF MENLO PARK**  
ENGINEERING DIVISION  
701 LAUREL STREET, MENLO PARK, CA 94025-3483  
PHONE (650) 330-8770 FAX (650) 327-5497

**WOODLAND AVENUE SIDEWALK IMPROVEMENT PROJECT**  
CONSTRUCTION SITE PLAN

OAK COURT

485 OAK CT

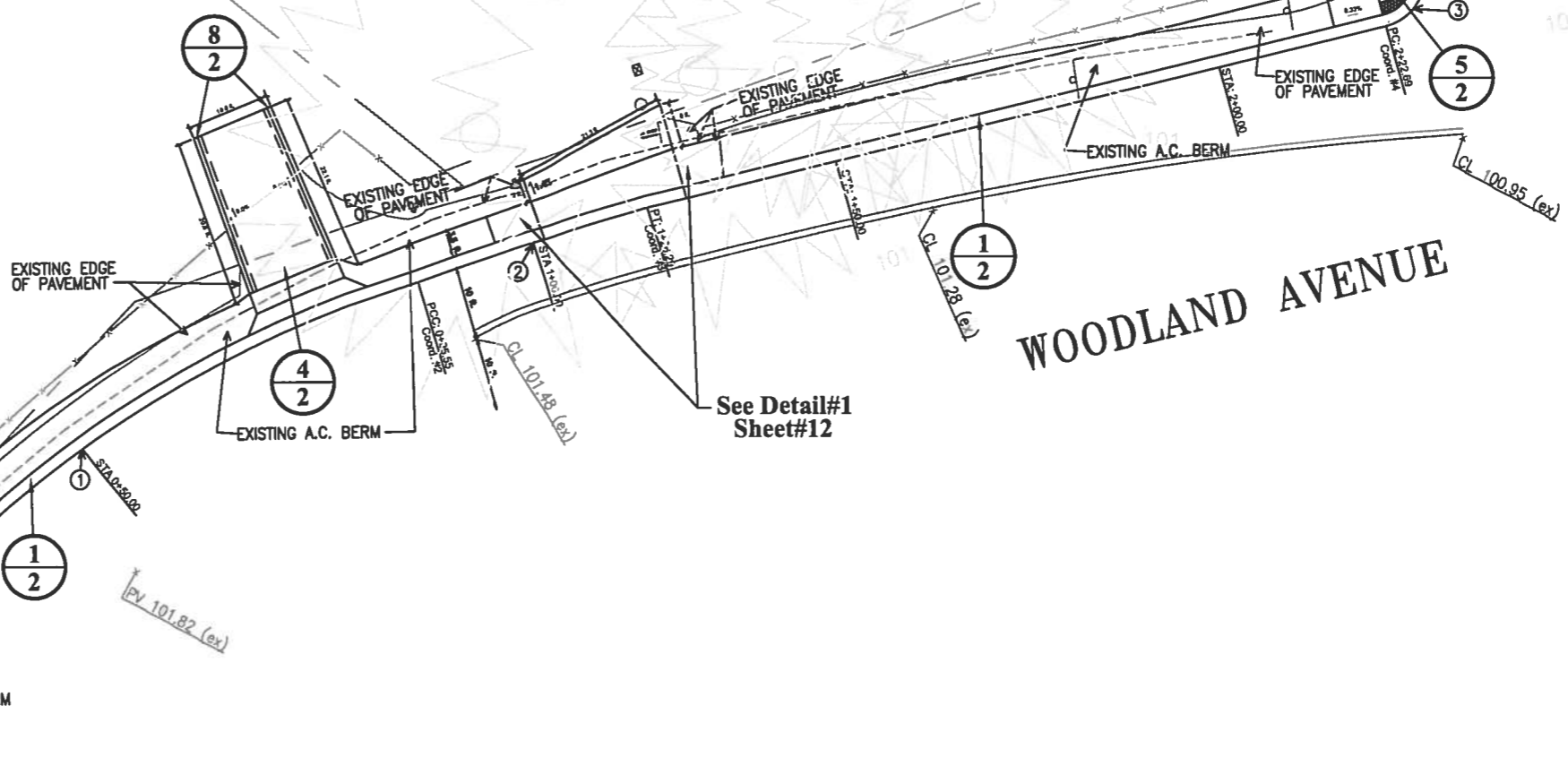
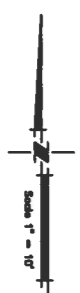
1489

1485

1475

1477

WOODLAND AVENUE



CURVE DATA

No.	Radius	Length	Center Coord. (E)	Center Coord. (N)
①	145.99	95.55	10,653.6975	4,597.6820
②	405.16	30.73	10,749.4220	4,356.5075
③	6.5	8.2	10,732.5226	4,775.7482

COORDINATE DATA

No.	Coord. # (E)	Coord. # (N)
①	10,534.8973	4,682.5446
②	10,611.1073	4,737.3288
③	10,640.3686	4,746.7166
④	10,734.0542	4,769.4312
⑤	10,739.0061	4,775.2855
⑥	10,739.1539	4,777.3560

NOTE:  
See Sheet #16 for Benchmark Location  
N=4,811.264 E=10,762.4223

DATE: \_\_\_\_\_  
SCALE: \_\_\_\_\_  
DRAWN BY: RMC  
DRAWING NAME: \_\_\_\_\_  
DESIGNED BY: RMC  
CHECKED BY: CWT

APPROVED: \_\_\_\_\_  
CHARLES W. TAYLOR, ENGINEERING SERVICES MANAGER  
CITY OF MENLO PARK  
DATE: 7/30/13 R.C.E. # 73888 EXPIRES 6/30/13

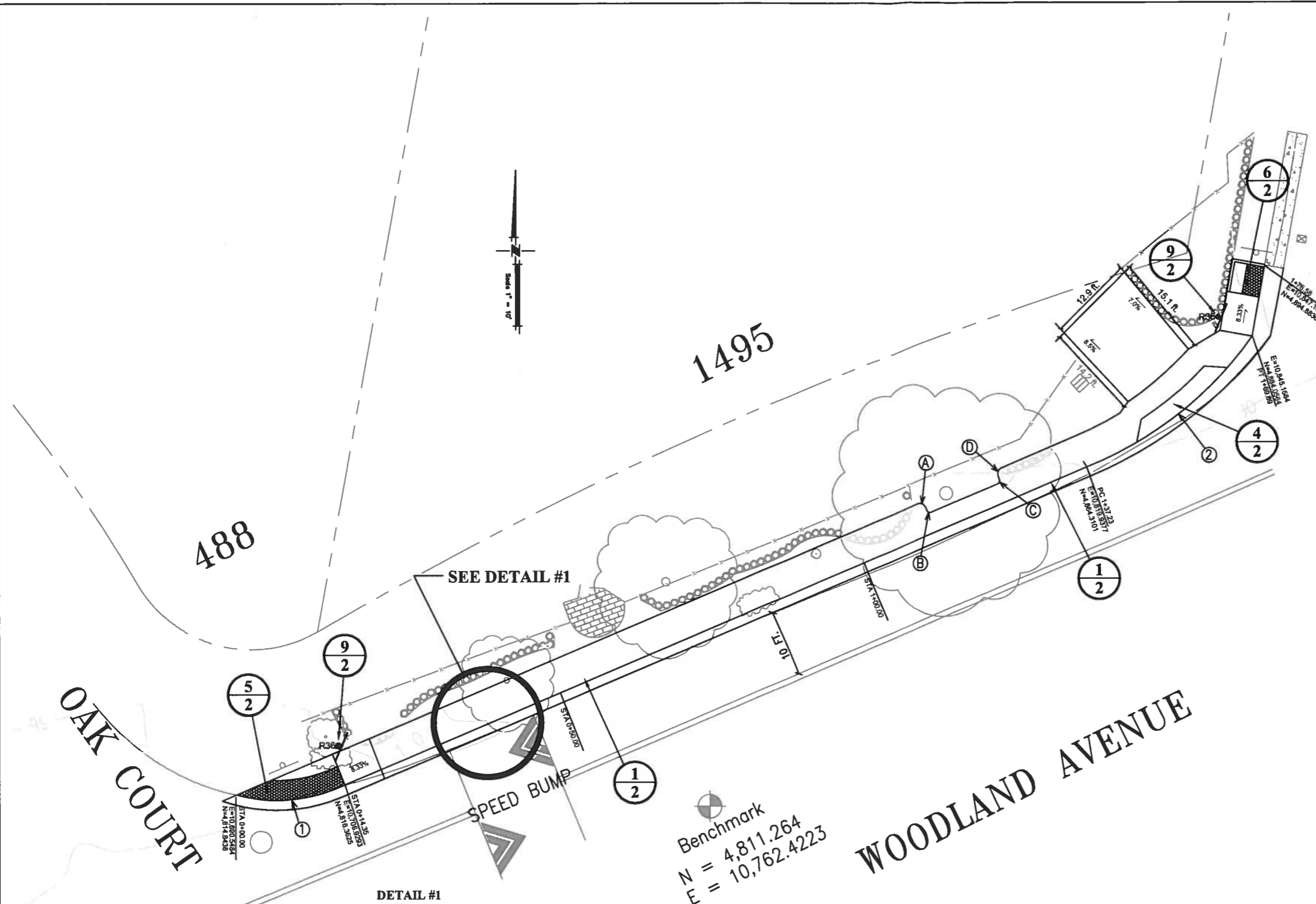
NO.	BY	DATE	REVISIONS



**CITY OF MENLO PARK**  
**ENGINEERING DIVISION**  
701 LAUREL STREET, MENLO PARK, CA 94025-3483  
PHONE (650) 330-8770 FAX (650) 327-5497

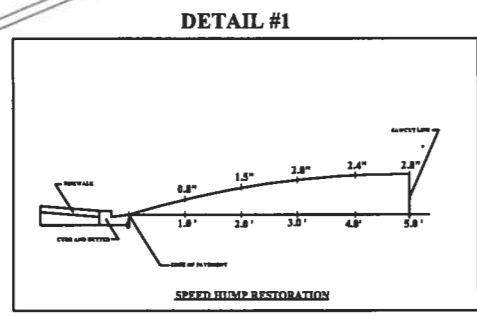
**WOODLAND AVENUE SIDEWALK  
IMPROVEMENT PROJECT  
SITE CONSTRUCTION PLAN**

SHEET 13  
OF 18 SHEETS  
PROJ. NAME



CURVE DATA


No.	Radius	Length	Center Coord. (N)	Center Coord. (E)
①	23.78	16.79	4,837.8281	10,696.6782
②	56.52	32.46	4,916.8672	10,799.1293
A	1.0	1.60	4,857.8638	10,794.5033
B	0.5	0.80	4,857.9834	10,796.0653
C	0.5	0.77	4,862.2623	10,806.1502
D	1.0	1.54	4,863.3151	10,807.3514



DATE: \_\_\_\_\_  
 SCALE: \_\_\_\_\_  
 DRAWN BY: RMC  
 DRAWING NAME: \_\_\_\_\_  
 DESIGNED BY: RMC  
 CHECKED BY: CWT

APPROVED: \_\_\_\_\_  
 CHARLES W. TAYLOR, ENGINEERING SERVICES MANAGER  
 CITY OF MENLO PARK  
 DATE: 7/30/13 R.C.E. # 6/30/13 EXPIRES

NO.	BY	DATE	REVISIONS

 **CITY OF MENLO PARK**  
**ENGINEERING DIVISION**  
 701 LAUREL STREET, MENLO PARK, CA 94025-3483  
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**WOODLAND AVENUE SIDEWALK  
 IMPROVEMENT PROJECT  
 SITE CONSTRUCTION PLAN**