



Town of Danville
Development Services Department
Fiscal Year 2015/16 Report

DEVELOPMENT SERVICES

CAPITAL IMPROVEMENT | CLEAN WATER
ENGINEERING | PAVEMENT MANAGEMENT
TRANSPORTATION | BUILDING

This report provides a review of activities, statistics, goals, and objectives of the Development Services Department for activities between July 1, 2015 and June 30, 2016.

Table of Contents

Capital Improvement Program	Page 1
Clean Water Program	Page 9
Engineering	Page 10
Pavement Management Program	Page 12
Transportation	Page 13
Building	Page 15



Cover Page Photography

Danville Boulevard and the new green bicycle lanes

Printed on October 4, 2016

Capital Improvement Program Project Highlights

Bocce Ball Court Expansion at Sycamore Valley Park

It was a grand opening for the Bocce Ball Court Expansion project. Well over 100 bocce ball supporters were there for the ribbon cutting ceremony, creating a festive mood for the occasion.

During the construction, Public Works Inspector Bruce Swenson spent considerable time making sure that all of the improvements were complete, correct, as directed by the project plans. Special attention was directed to accessibility, lighting and functionality. The project budget in the Capital Improvement Program was \$1,473,414. The project's final cost was just under the budget at \$1,411,777.10. The project included funding from Park Dedication fees, Lighting and Landscaping Assessment District, Park Facility Fund, and the Sycamore Valley Assessment District. Improvements include: 4 new courts; shade structures, lighting, landscaping, irrigation, sidewalks, benches, tables, a seating area, and a storage shed.

Camino Tassajara SAFTEA-LU Improvements

Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFTEA-LU) is a \$286.4 billion federal grant (named after Lu Young) that contains many projects and earmarks for improvement and maintenance of the surface transportation infrastructure in the United States. These projects included the interstate highway system, bicycling and pedestrian facilities, transit systems, freight rail operations and **\$5,800,000 for the Town of Danville**. The Town's grant was received in 2006. Phase 1 of the project was completed in 2011. After 10 years of paperwork, environmental work, improvement plans, plan revisions, construction of Phase 1, and after meeting all of the Caltrans and Federal requirements, the final phase of this project is now under construction. The first phase of this project included new pavement and significant upgrades to the



BOCCE BALL RIBBON CUTTING CEREMONY WAS WELL ATTENDED

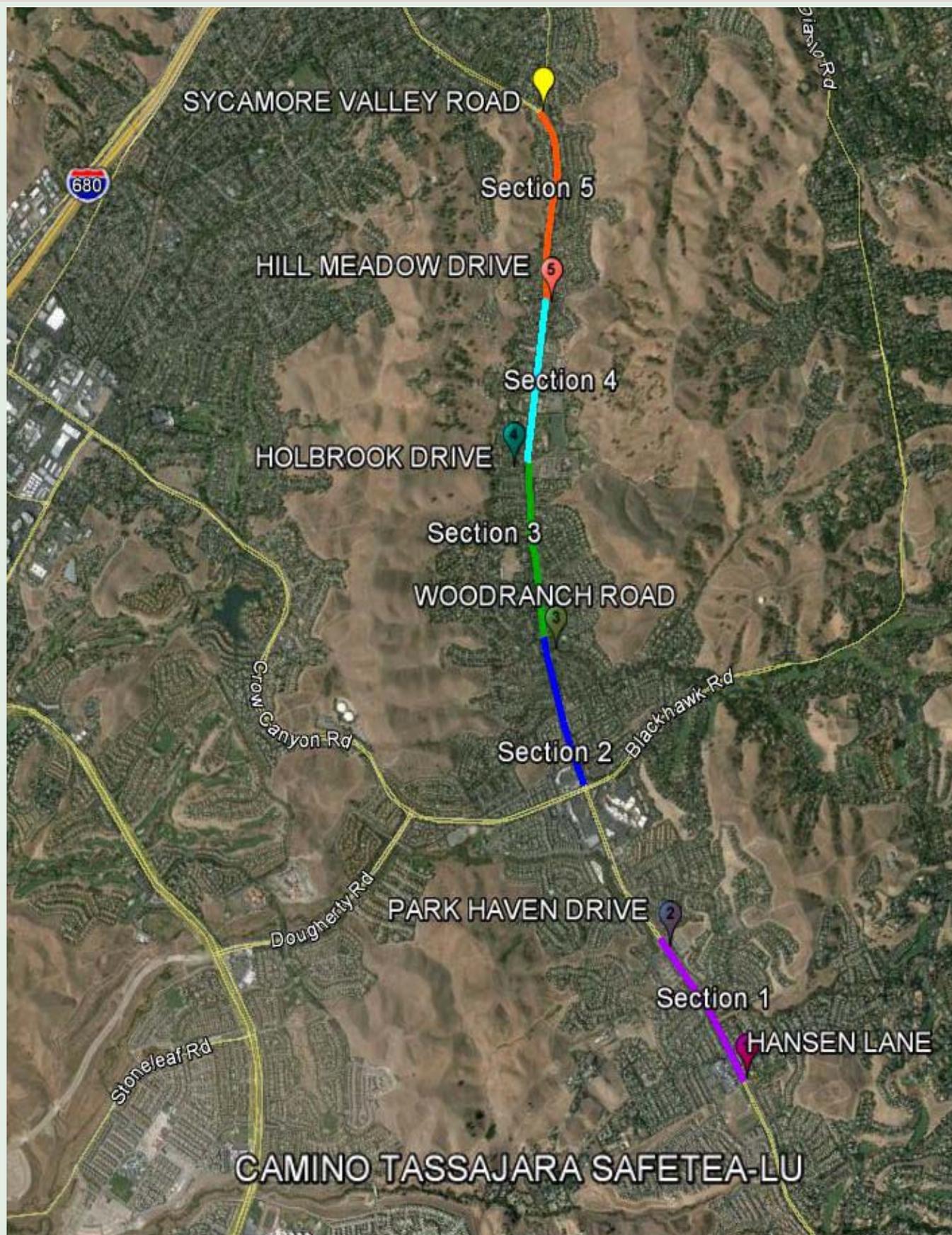
Capital Improvement Program



BEAUTIFUL NEW BOCCE BALL COURTS



BOCCE BALL COURTS NEARING COMPLETION



CAMINO TASSAJARA SAFETEA-LU PROJECT STARTS AT HANSEN LANE AND ENDS AT SYCAMORE VALLEY ROAD

traffic signal system for eastbound Camino Tassajara and portions of Crow Canyon Road. The second and last phase started on October 3, 2016 at Hansen Lane. The modifications of the traffic signal system is complete, opening the way for much more activity as the pavement overlay construction gets underway.

The pavement overlay project will be constructed in 5 sections, starting at Hansen Lane at the east end of Town and ending at the intersection of Camino Tassajara and Sycamore Valley Road. (There is a short section between Park Haven Drive and Blackhawk Road that was completed with the first phase several years ago, so it will not be in this project.) The paving part of the construction is expected to be over by the end of October (depending on the weather). Clean-up and striping will follow.

Work hours are limited to reduce the traffic impacts. However, expect delays as new pavement is placed in the westbound lanes. Bicyclists are also cautioned to stay alert for changes in the bicycle lanes that may necessitate riding within the traffic lanes.

Rose Street Parking Facility

This project is located at the intersection of Rose Street and Linda Mesa. The 79 space at-grade parking lot will serve customers on the north side of the downtown area. Work with PG&E and the other utilities to underground the existing utilities is almost complete, leading to the start of construction late this fall.

The first task will be to remove the old Dad’s Locksmith building and the house behind it. After the demolition is finished, work will proceed quickly (weather permitting) for a spring opening in 2017. The project budget is \$5,130,800 which includes land purchase, design, and construction. The



A SKETCH OF THE ROSE STREET PARKING LOT PROJECT

project is funded by the Civic Facilities Fund, Old Town Parking fees, and the Capital Improvement Program.

Library and Community Center Capital Maintenance

The Danville Library Renovation Project was successfully completed this summer. The two-week library closure accommodated major improvements including all new HVAC units on the rooftop, upgrades to the lighting system, renovation of the public restrooms and the installation of new lounge furniture. The new lighting system, restrooms and lighting fixtures are functioning well. The new furniture allowed for additional seating capacity in the Fireplace Room. Library staff have received rave reviews of the new furniture and have seen a marked increase in the number of patrons reading books and periodicals in the Fireplace Room. Some of the chairs also include a rotating writing surface, which is being widely used by patrons with laptops and teens studying in the teen area.

Village Theatre Parking Lot Expansion

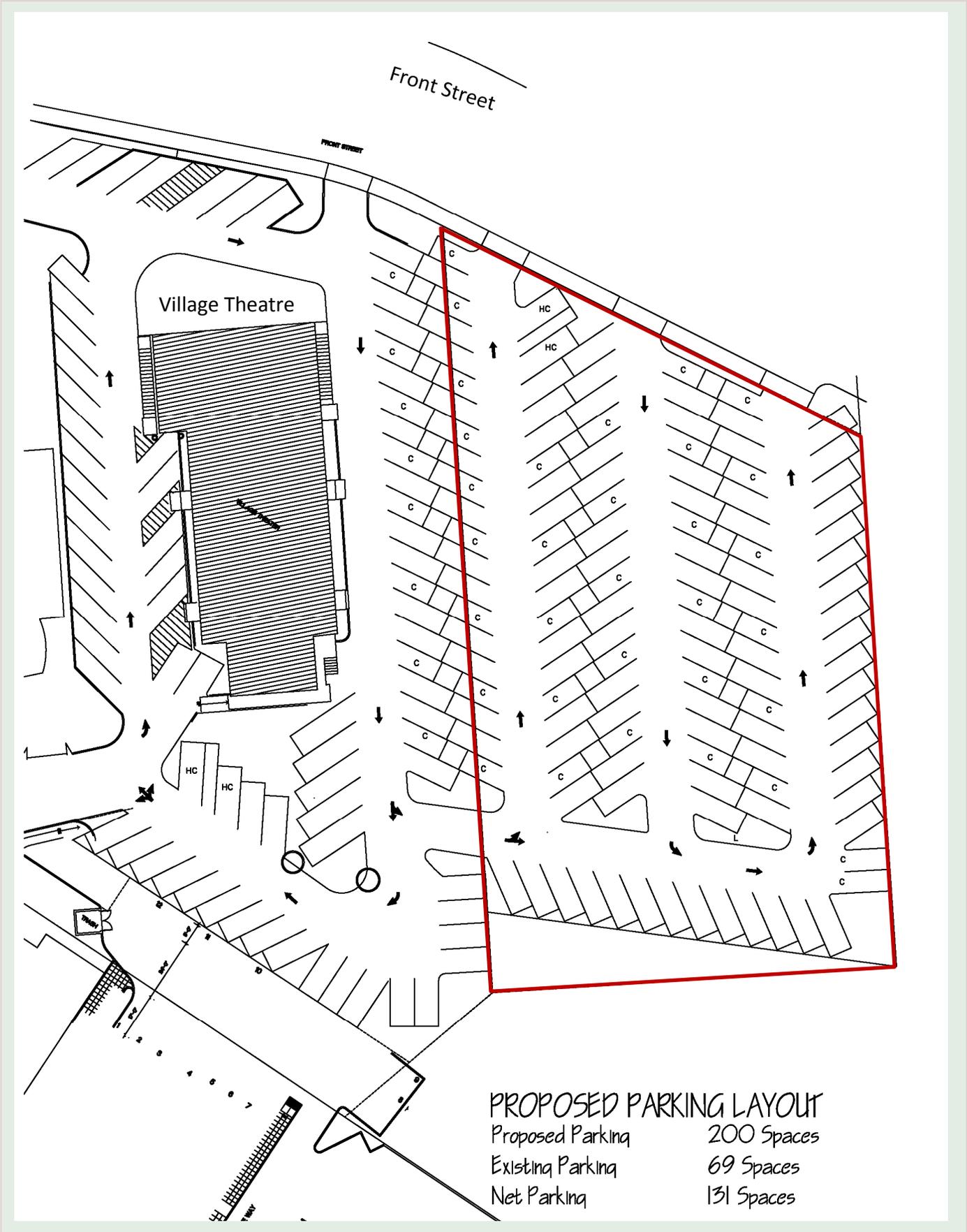
This new downtown parking lot project is in the early stages of development. Just last month the Town purchased the property next to the Village Theatre for the expansion of the existing Village Theatre parking lot. The new expansion will also provide additional parking for the Library and Community Center. The project still needs environmental review and design before construction can begin. It is too early to set a construction date, however, the project will be given high priority. Environmental and design work is expected to take 6 to 12 months.

Sound Wall Maintenance Projects

The existing sound walls along Camino Tassajara are well over 20 years old. Some of the walls are



LIBRARY LIGHTING AND FURNITURE REPLACEMENT



A RENDITION OF THE FUTURE VILLAGE THEATRE PARKING LOT EXPANSION

starting to lean while others are beginning to crack and separate at the joints. The Town's Camino Tassajara Parkway/Sycamore Valley Road Sound Wall Maintenance project got off to a great start this year with a maintenance project that covers replacement of broken blocks, repair of cracks, and foundation repair. The project is currently out to bid. With a total estimate of \$285,000 the project exceeds the Capital Improvement Program (CIP) budget of \$159,000. The project will likely be broken into two smaller projects while the CIP budget catches up with the maintenance costs next year.

Front Street Slide Repair

Located on Front Street, just north of Diablo Road, this project is still under environmental review. Due to its proximity to San Ramon Valley Creek the project has a very short construction window when combined with the environmental review, leads to a longer than normal delay. The project is expected to start late this spring.

Danville and El Cerro Boulevard Parking Improvements

The Town and high school students have additional parking on Danville and El Cerro Boulevards thanks to the addition of new on-street parking spaces. In addition to the new parking spaces, the streets were slurry sealed and restriped, including beautiful green bicycle lane legends on Danville Boulevard. The project added 22 new on-street parking spaces.

Railroad Avenue Decorative Crosswalks and Pavement Overlay

The beautification improvements that started with the Hartz Avenue Beautification and Railroad Avenue Project were finished with the addition of decorative crosswalks on Railroad Avenue at Linda Mesa Avenue and Love Lane. The new sidewalks and pavement bring to a close the major projects downtown area.



RAILROAD AVENUE DECORATIVE CROSSWALK INSTALLATION

The overlay project and decorative crosswalks were completed before the start of school to help minimize the effects the project would have on downtown traffic. The deadline was met and the first day of school was greeted by new decorative school crosswalks.

Osage Station Playground and Group Picnic Area Renovation

The grand opening for the Group Picnic Area and playground was held on October 3, 2016. The new play structures include a tot area modeled after an old western train station, clock tower, passenger platform, play train, rambling old town youth play area with a bank, hotel, saloon and jail. The play features also include a slide, flashing railroad crossing arms, climbing barrels, and a rubber surfaced “mesa” for kids to scramble on. Osage’s new play area is unlike anything else.



OSAGE STATION TRAIN STRUCTURE



OSAGE STATION WESTERN BANK

Storm Water Pollution Prevention

The San Francisco Regional Water Quality Control Board (SFRWQCB) issues permits on a five-year cycle for the Clean Water Program. On October 14, 2009, the first Municipal Regional Permit (MRP) for the entire Bay Area was adopted. On November 19, 2015, MRP 2.0 was renewed after significant negotiations with the Board and the public. The effective date for MRP 2.0 is January 1, 2016.

PCB Reductions

The new MRP 2.0 provisions require a reduction of pollutants flowing into waterways (particularly PCBs and Mercury). Significant new provisions that call for all cities and counties to adopt a Bay Area-wide Green Infrastructure Plan to reduce these pollutants of concern was added.

In response to MRP 2.0, the Town has started the CIP review to assess CIP projects to see which projects may be able to add Green Infrastructure features where feasible.

In addition, the Contra Costa Clean Water Program (CCCWP) is coordinating with all Bay Area Clean Water Programs to develop new permit processes to manage PCB containing materials in commercial and industrial structures constructed or remodeled between 1950 and 1980. This provision of the MRP 2.0 is required to be implemented in approximately three years. The Town Council will be updated as this program is developed.

Failure to achieve the reductions specified in MRP 2.0 could result in Danville being held in non-compliance. To implement these major new mandates will require a significant and sustained collaboration regionally at a significant cost that will also be shared regionally.

Trash Reduction

MRP 2.0 also required that by 2016, the Town must reduce trash loads by 60% from 2009 levels. The CCCWP implemented a new GIS system this past year to help each city measure trash reductions. The Town has demonstrated a 95% reduction in trash. This accomplishment also meets the trash reduction threshold of 70% by 2017. The installation of trash capture devices in the Old Town area helped to achieve these goals. Other trash control measures implemented throughout town must be evaluated through documented visual surveys three times a year to ensure their effectiveness. A future trash requirement will require private property owners in high trash and moderate trash areas to install full trash capture devices or implement equivalent measures.

New Development

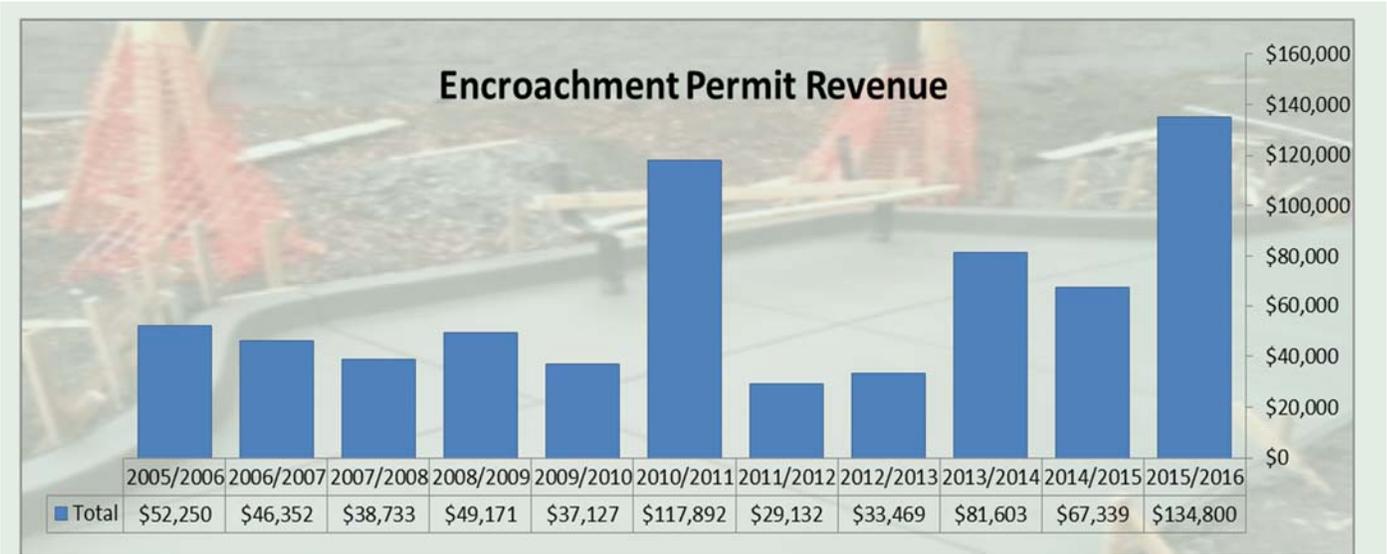
Three new C.3 projects were approved this fiscal year that include bio-retention facilities, making a total of 39 C.3 projects that have been approved in Danville to-date. However, not all of these projects have been built.

Code Enforcement

A total of 16 Code Enforcement issues were also addressed and resolved in FY 2015/16. In addition, 74 business inspections were conducted resulting in four violations this fiscal year and were 100% resolved. ■

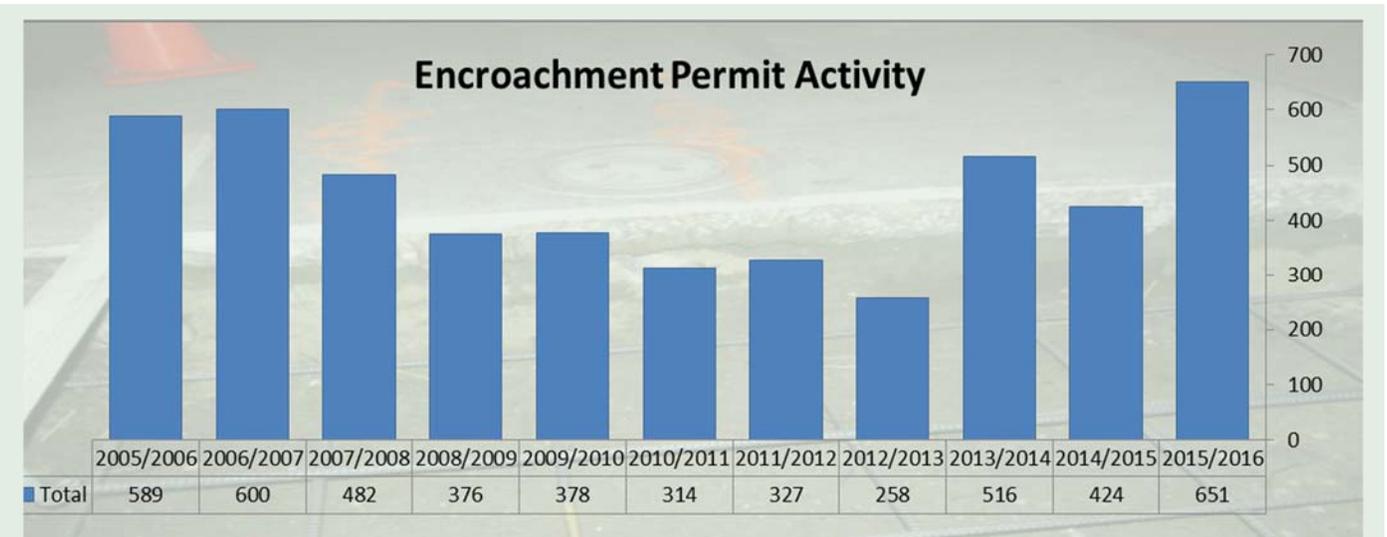
Engineering Activity

This fiscal year saw a sharp increase in the number of Encroachment Permits. This is largely due to an



ENCROACHMENT REVENUE FOR FISCAL YEAR 2015/16

increase in utility company underground maintenance permits. The amount of time a public works inspector spends on a permit has increased as well.



ENCROACHMENT PERMIT ACTIVITY FOR FISCAL YEAR 2015/16

Other Engineering Division activities for the fiscal year are:

- 392 Building Permits
- 8 Lot Line Adjustments
- 4 Major Subdivision/Development Plan
- 9 Grading Permits



NEW PAVEMENT IS PLACED ON PARAISO DRIVE AS PART OF THE PAVEMENT MANAGEMENT PROGRAM



PAVEMENT MAINTENANCE REQUIRES EXTENSIVE HAND-WORKING OF THE HOT PAVEMENT

Pavement Management

The Town provides maximum effort in maintaining Town streets above the target Pavement Condition Index (PCI) of 70. Funding sources, in addition to the Town’s general purpose revenue, are used to keep the pavement management funding at a level high enough to maintain the PCI above 70. These funding sources include sales tax measures, grants, and fees. These sources are a very important source of revenue for keeping the PCI above 70.



THE PAVEMENT CONDITION INDEX FOR THE LAST 14 YEARS

The Town recently completed a contract that placed 2,942,000 square feet of slurry seal on the Town’s streets last May. This represents a significant maintenance effort towards maintaining a PCI above 70.

Now that the 2015/16 Pavement Management Program project is complete, new projects for 2016/17 are in design. While the Town has an overall average PCI of 75, collector streets are beginning to show a need for more maintenance. The Pavement Management Program attempts to keep the allocation of funds balanced between collector and residential streets.

The 2016/17 pavement management projects will concentrate more maintenance effort toward collector streets like El Capitan Drive, Brookside Drive, and Cameo Drive, and on pavement overlays. Focus will also be placed on some of the Town’s streets that fall below a PCI of 60. Even though these streets are very expensive to repair, they need to be fixed before the pavement fails under the weight of the garbage trucks and before potholes grow out of control. The Town will continue to put emphasis on streets with a low Pavement Condition Index (PCI) and are structurally failing as long as funding is available. ■

Transportation

Transportation is responsible for the management of projects, programs and infrastructure as it relates to traffic engineering, safety, and local and regional transportation planning.

Over Fiscal Year 2015/16, Transportation maintained and managed the Town's transportation system, completing the following tasks:

- Logged over 1,500 hours of traffic signal maintenance and responses to trouble calls

- Replaced two traffic signal controllers and cabinets

- Replaced 94 inductive loop detectors

- Recertified 29 Traffic and Engineering Surveys

- Initiated and completed 191 work orders for traffic safety, traffic operations and parking

- Provided project management for the Danville/El Cerro Blvd. Parking project

- Addition of 22 new parking spaces on Danville and El Cerro Boulevards

- Installed the Town's first "green bicycle lane"



NEW BICYCLE LANES ON DANVILLE BOULEVARD ARE DESIGNED TO INCREASE SAFETY AND AWARENESS

Transportation also manages the Neighborhood Traffic Management Program (NTMP). Recent activity with the NTMP includes:

- Managing 19 neighborhoods in various stages of NTMP process

- Conducting 16 neighborhood speed/volume surveys

- Completing the 2016 Downtown Parking Utilization Assessment Study

- Addition of 10 on-street parking spaces throughout the Downtown

In the area of Regional Transportation Planning, Transportation also:

- Completed the I-680 Corridor Transit Investment/Congestion Relief Study

- Participated in development of the \$2.8B Countywide Transportation Expenditure Plan

- Worked on the 2016 Tri-Valley Transportation Council's Strategic Expenditure Update

Transportation

In 2016/17 Transportation will continue to support programs like Street Smarts, Measure J Traffic Congestion Relief (TRAFFIX student transportation), and other regional efforts in association with the Contra Costa Transportation Authority (CCTA). Some of these projects include the I-680 Auxiliary Lanes Segment 2 and the I-680 Transit Investment and Congestion Relief Study. The Town was also actively engaged in promulgation of a new county-wide half-cent sales tax measure, Measure X, that will be placed before the voters in November. ■



NEW STRIPING BEING INSTALLED IN DOWNTOWN DANVILLE RESULTED IN 10 NEW PARKING SPACES

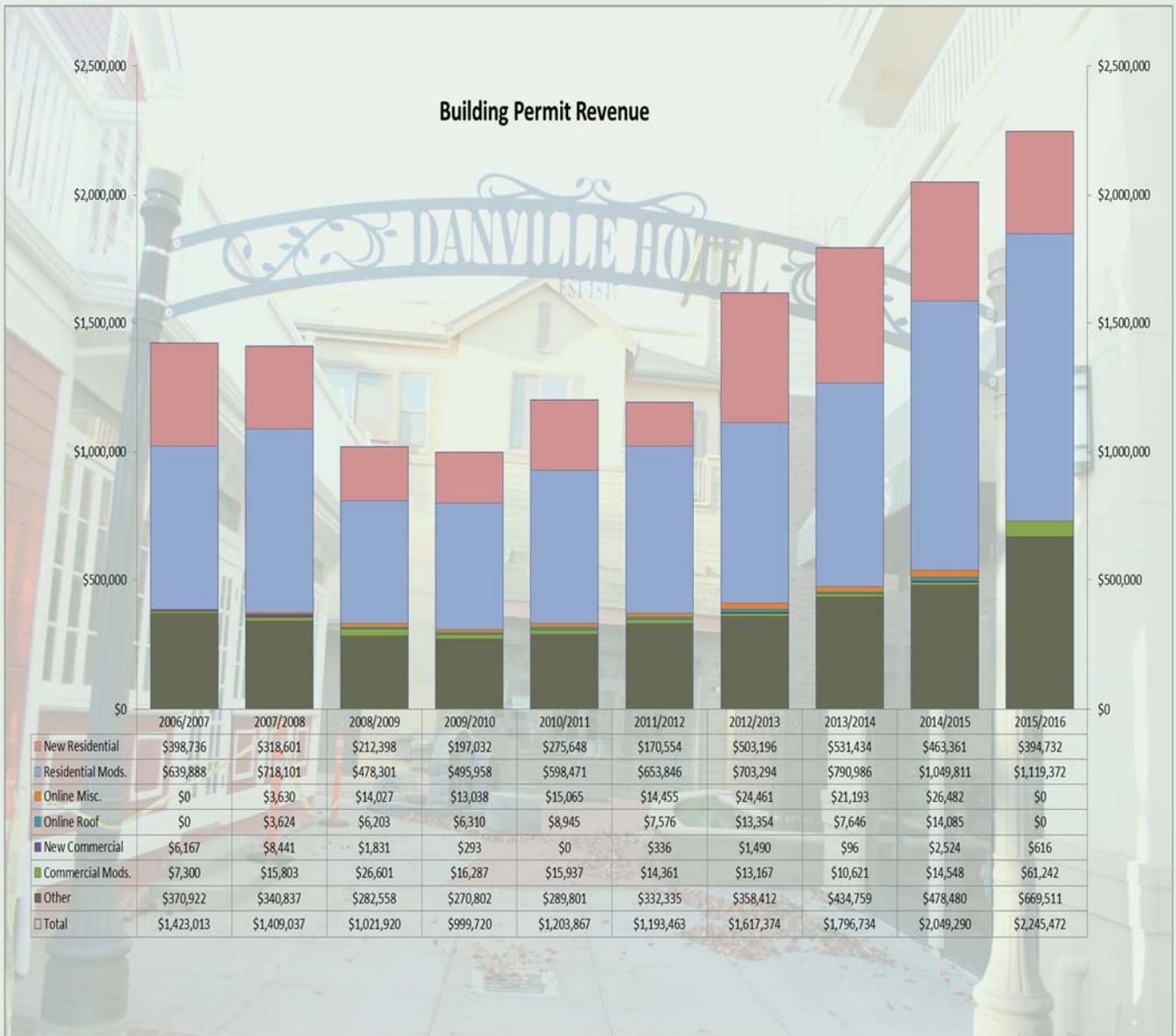


NEW DECORATIVE CROSSWALKS ON RAILROAD AVENUE

Building Permit Revenue

The revenue for building permits has surpassed all previous years by a significant margin. The increase over last year is almost 10%. The most significant increase, at 29%, was in the “Other” category. This catchall category includes retaining walls, roof replacement (including Online Roof), window replacement, swimming pools, spas, and other miscellaneous (including Online Misc.) permits. The increase in this category illustrates how the improving economy encourages residents to consider upgrading and improving their existing homes.

The “Residential Mods.” category also increased by almost 7%, another indicator that the residents of Danville are willing to improve their homes along with the improving economy.



BUILDING PERMIT REVENUE BY CATEGORY

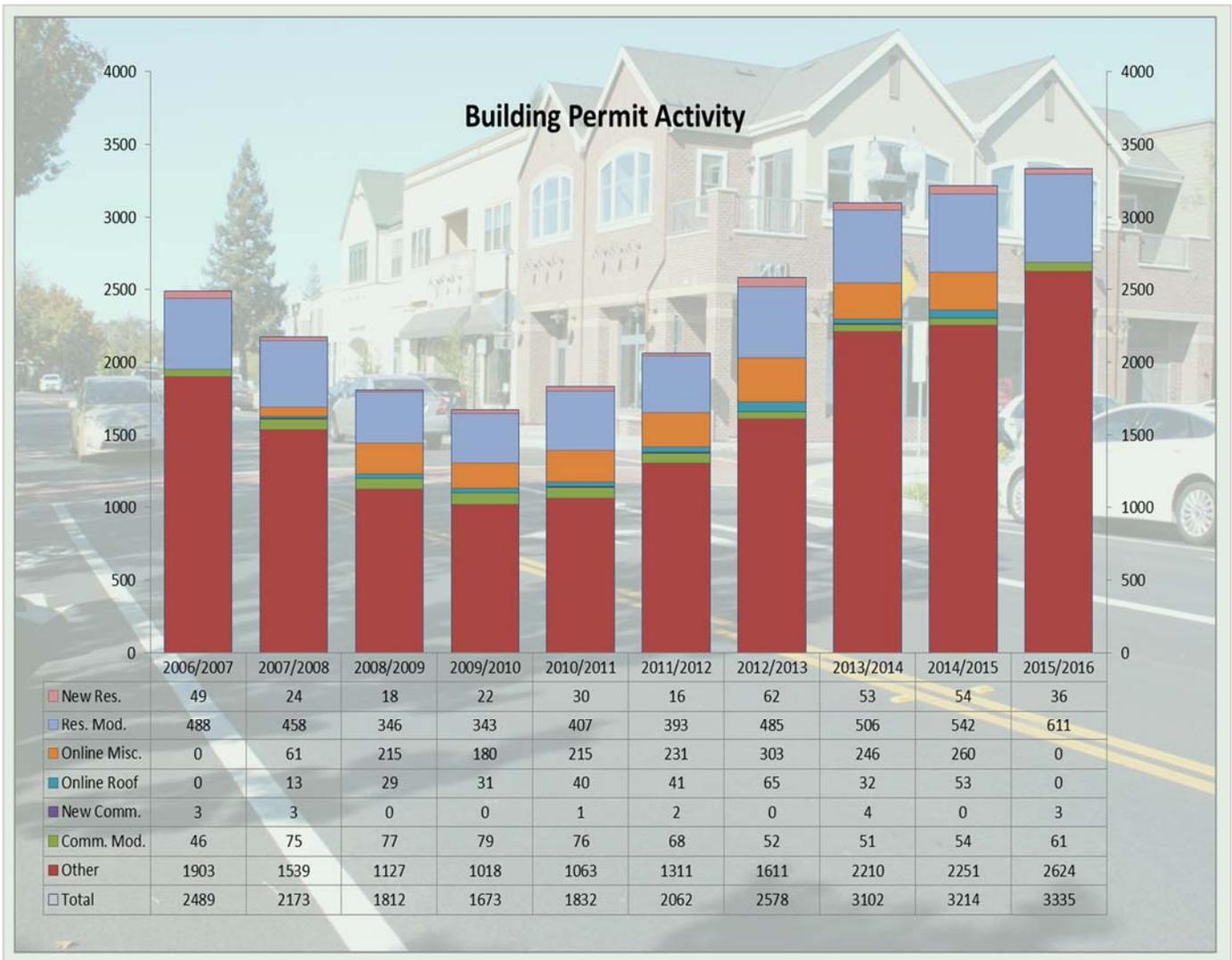
Building Permit Activity

Building Permit activity is also on the increase. The number of permits for the 2015/16 fiscal year exceeded last year by 4%.

The increased activity has also resulted in an increase in the number of inspections and plan checks. The Town's in-house plan checker is keeping up with the increased demand, keeping the turn-around-time for complex permits at 13 days.

The Town is nearing the end of the training and implementation of the new Building Permit software. Training has included implementing a new processing method for permits that works with the new software features thereby improving the permit process for both the customer and the Town.

The inspection staff is also experiencing an increase in inspections, topping the year with 9,982 inspections at 4,117 locations, with an average of 15.8 inspection per inspector per day. ■



BUILDING PERMIT ACTIVITY BY CATEGORY

About Us

The Development Services Department protects and promotes public health, safety and welfare through the development and administration of the General Plan and other planning, zoning, building, engineering and transportation programs, plans and standards.

The Department is responsible for reviewing and processing private developments to ensure consistency with community vision and character.

The Department designs and supervises construction of capital projects including roadways, facilities and parks.

The goals of the Department are to:

- Provide a full range of services and activities related to all of the Divisions and Programs provided through the Department.

- Continue to streamline and enhance the development review process; solicit customer feedback through the use of follow-up surveys.
- Ensure compliance with all applicable state and federal laws and regulations related to transportation, clean water, environmental protection and building safety.
- Coordinate with Maintenance Services and Recreation Services on all Department projects and activities.
- Continue to pursue federal and state transportation funds to improve the public roadway network.

As part of its ongoing customer service enhancement efforts, the Department continues to expand online-oriented permit applications and inspection requests as well as providing updated informational materials for applicants and residents.

Contact Information

Development Services

Steve Lake

Development Services Director
City Engineer

925 314 3319
slake@danville.ca.gov

Capital Improvement Program

Steven Jones

Senior Civil Engineer

925 314 3339
sjones@danville.ca.gov

Clean Water Program

Chris McCann

Clean Water Program Coordinator

925 314 3342
cmccann@danville.ca.gov

Pavement Management

Nader Salama

Associate Civil Engineer

925 314 3346
nsalama@danville.ca.gov

Transportation Program

Andrew Dillard

Transportation Manager

925 314 3384
adillard@danville.ca.gov

Building Division

Richard Ames

Acting Chief Building Official

925 314 3373
rames@danville.ca.gov

