PLANNING COMMISSION STAFF REPORT

To: Honorable Chairman & Planning Commissioners
From: Alex Qishta, Project Engineer
Shane Stueckle, Deputy Town Manager
Date: May 15, 2014
For Commission Meeting: May 27, 2014

Subject: Five Year Capital Improvement Program

Prior Council Review: There has been no prior Commission review of this matter.

Recommendation: That the Planning Commission:

A. Finds that the project is exempt from CEQA in accordance with Section 15378(b) (4) and Section 15061 (b) (3) of the California Environmental Quality Act. The Capital Improvement Program (CIP) is not a project nor is there possibility of a significant effect on the environment from the program. Further the CIP does not result in a commitment to any specific project.

B. Recommends that the Town Council adopts the Five Year Capital Improvement Program for Fiscal Years 2014/2015 through 2018/2019

Executive Summary: A Capital Improvement Program (CIP) is a planning tool for the expenditure of resources for public infrastructure. A capital improvement program is a short-range, five year plan, which identifies capital projects, provides a planning schedule, and identifies options for financing the program.

The CIP document identifies the recommended allocation of the Town's limited resources for capital projects for fiscal years 2014-2015 through 2018-2019.

Order of Procedure:
Request Staff Report
Request Public Comment
Council Discussion/Questions of Staff
Motion/Second
Discussion on Motion
Call the Question (Voice Vote)

Discussion: The Capital Improvement Program is a guide for the allocation of resources for improving and maintaining public infrastructure and facilities. Programming capital

Reviewed By: _____ Town Manager _____ Town Attorney _____ Mgmt Services SRS Dept Head

X Department Report	___ Ordinance Action	___ Resolution Action	___ Public Hearing
___ Consent	X Minute Action	___ Receive and File	___ Study Session

facilities and improvements over time promotes better use of the Town's limited financial resources, reduces on-going maintenance costs, and assists in the coordination of public and private development.

The CIP is primarily a planning document to assist the Town's long-term infrastructure planning. As such, the projects and their scopes contained in the CIP are subject to change from year to year as the needs of the community become more defined and projects move closer to final implementation. While the CIP is a planning tool, the annual capital projects budget (Special Revenue Funds) as approved by the Town Council appropriates funds for the specific projects and authorizes staff to proceed with project implementation.

General Plan Consistency: The Planning Commission must find that the CIP is consistent with the policies outlined within the General Plan. The following goals, policies, and programs provide General Plan guidance supporting implementation of the CIP.

Land Use Element, Public/Quasi Public Policy LU 1-24
Plan for the adequate and logical expansion of public facilities that are compatible with surrounding land uses, reflect community character, are educationally enriching, and meet a broad range of local needs.

Land Use Element, General Policy LU 2-4:
Encourage the inclusion of pedestrian linkages and public amenities to promote walking on site and within clustered development

Land Use Element, East Side SPA Policy LU 2-9:
Coordinate with the Hi Desert Water District to facilitate development of a new wastewater treatment plant in the area.

Housing Element, Policy H2-1:
Revitalize the core of the community with new housing that capitalizes on existing and planned public facilities.

Circulation Element, Policy C 1-6.
Protect rights-of-way for SR-62 and SR-247, major arterials, collectors, residential streets, and for all other planned infrastructure.

Circulation Element, Policy C 1-8
Apply complete street strategies that accommodate pedestrian, bicycle and transit modes whenever practicle and feasible.

Circulation Element, Policy C 1-16
Support and work with Caltrans to coordinate signals along SR-62 and SR-247 in Town.

Circulation Element, Policy C 1-17
Ensure funding is available to implement and maintain signal coordination.

Circulation Element, Policy C 2-1
Work with utility providers in the planning, designing, and siting of distribution and support facilities to comply with the standards of the General Plan and Development Code.

Safety Element, Policy S 3-4
Collaborate with the San Bernardino County Flood Control District and other state and federal agencies to minimize flood damage.

Safety Element, Policy S 4-3
Ensure that public and private water distribution and supply facilities have adequate capacity and reliability (peakload water supply) to supply both everyday and emergency firefighting needs.

Noise Element, Policy N 1-4
Encourage the use of alternative transportation such as busing, bicycling, and walking to reduce peak traffic volumes and therefore transportation-related sources of noise.

Noise Element, Policy N 1-5
Encourage traffic-calming road construction and design and engineering methods, where appropriate, to decrease excessive motor vehicle noise.

The projects included in the 5-Year CIP implement the General Plan goals, policies and programs, by delivering infrastructure in the areas of traffic and pedestrian safety, affordable housing units, park and recreation facilities, and flood control improvements. The Town is able to deliver these projects due to aggressively seeking grant and other outside funds, and the Town must continue to seek out other funding sources. As illustrated in the CIP document, the Town's annual capital facility revenues are extremely limited, and without additional resources, the Town will not be able to deliver infrastructure construction and maintenance that is necessary, as well as desired by community residents.

Major Capital Projects Moving Forward: There are a number of major capital projects underway in fiscal years 2013/2014 and 2014/2015. These projects are financially feasible due to non-Town resources being made available from County, state and federal funds. A number of these projects have also benefitted from the Town Council's recent approval of Development Impact Fee increases. The following information outlines some of those major infrastructure initiatives.

This information includes projects that are underway by other agencies as well as private development projects which are constructing public infrastructure.

Public Lands Highways Discretionary Funds Project: This project includes the construction of curb, gutter, sidewalks, and raised median islands on SR 62 between Apache to east of Palm Avenue. The project includes the construction of a traffic signal at SR 62 and Church Street. This approximately $2.9 million project is funded through a combination of Federal SAFETEA LU, State SLPP, and local Measure I revenues of approximately $723,000. The project will deliver significant traffic and pedestrian safety improvements.

Traffic Signal Synchronization: This project includes the synchronization of four traffic signals on SR 62, including Camino del Cielo, Kickapoo, Pioneertown Road and Acoma. When the PLHD funded Church at SR 62 signal is constructed, this signal will be interconnected to the synchronization system. This program is funded through grant funds from San Bernardino Associated Governments.

SR 62 @ Dumosa Avenue Traffic Signal: In conjunction with the development of the Yucca Valley Senior Affordable Housing Project discussed below, the construction of a traffic signal at SR 62 and Dumosa Avenue will provide significant traffic and pedestrian safety improvements for access to the Yucca Valley Community Center complex as well as the surrounding commercial and residential development. This project will also result in the elimination of a traffic cut-through route impacting the residential neighborhood on Antelope Trail, and through reduced traffic volumes, increase safety for the residents who live on Antelope Trail. The Town anticipates the construction of this project to be completely funded through the Measure I Major Local Highways Program.

Safe Routes to School, Onaga Trail to SR 62: This project will construct sidewalks serving the Yucca Valley High School, on Sage Avenue, between Onaga Trail and SR 62. This project, funded through grant funds, will deliver pedestrian safety improvements serving local residents and Yucca Valley High School.

Other Capital Facility Projects Underway:

Hi Desert Water District, Wastewater Collection and Treatment System: The Hi Desert Water District has contracted the preparation of PS&E for the wastewater collection system. The design is approximately 95% complete, and the PS&E is scheduled for completion in late 2014. The California Regional Water Quality Control Board has mandated the completion of Phase I of the collection and treatment system by 2016.

Recently Complete Projects:

Yucca Valley Replacement Animal Shelter: This project includes a replacement animal shelter on a five acre parcel located directly to the south of the existing Yucca Valley Animal Shelter. The replacement animal shelter serves both the incorporated areas of the Town of Yucca Valley, as well as the regional unincorporated areas of the County of San Bernardino. The facility includes three new single story buildings of approximately 7,241

enclosed square feet along with 5,655 square feet of covered animal enclosures, with parking areas constructed to accommodate parking for staff, public and shelter vehicles. Other pathways and service roads were created to facilitate reliable and safe access. Landscaping and lighting developed throughout the project area, including the parking area.

Transportation Congestion Relief Program: This project includes the construction of raised medians from Kickapoo Trail to Elk Trail and from Cherokee Trail to Apache Trail; and sidewalk improvements from Palm Avenue to Dumosa Avenue. This approximately $2.2 million project is funded through a combination of State SLPP (State, Local Partnership Program), Federal HSIP, regional Major Local Highways Measure I, and local Measure I revenues of approximately $680,000. This project will provide significant pedestrian and traffic safety improvement on State Route 62.

Paradise Park Playground Equipment Improvements: The project includes the replacement of the existing playground equipment, as well as replacing the existing sand with wood chips for ADA access. The playground equipment is designed for both the 2 to 5 and 5 to 12 year old age groups.

Community Center Playground Improvements: The project includes the replacement of the existing playground equipment, as well as replacing the existing sand with wood chips for ADA access. The playground equipment is designed for both the 2 to 5 and 5 to 12 year old age groups. The project is also designed to allow for future removal of the sand volleyball court and construction of the splash pad in a potential future phase.

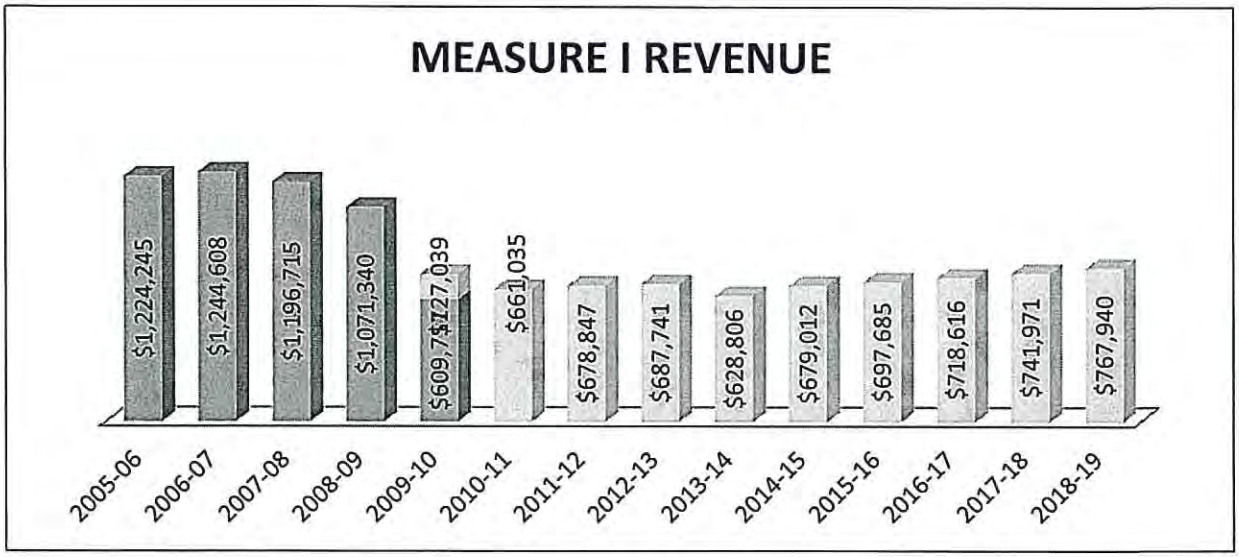
2013/2014 Town Wide Slurry Seal Project: The Project provided slurry and cape seal for streets throughout the Town, and appurtenant work as necessary. All work required for the project has been satisfactory completed. Approximately forty-two lanes miles of road maintenance were completed with this project.

The following information provides an overview of the Town's annual and historical capital revenues.

Measure I Revenues: Measure I revenues are generated by a ½ cent sales tax approved by the voters in 1989 and reauthorized by the voters in 2004. Measure I expenditures may only be expended for roadway purposes. The new Measure as reauthorized in 2004 became effective on April 1, 2010. With the new Measure, the Town's annual Measure I revenues were reduced by more than 25% with the creation of the mandatory Major Local Highways Program (MLHP) fund that is retained by San Bernardino Associated Governments (SANBAG). The process for allocation of the Major Local Highways Program fund includes a recommendation from the City of Twentynine Palms, the County of San Bernardino, and the Town to the Mountain Desert Committee and then to the full SANBAG Board.

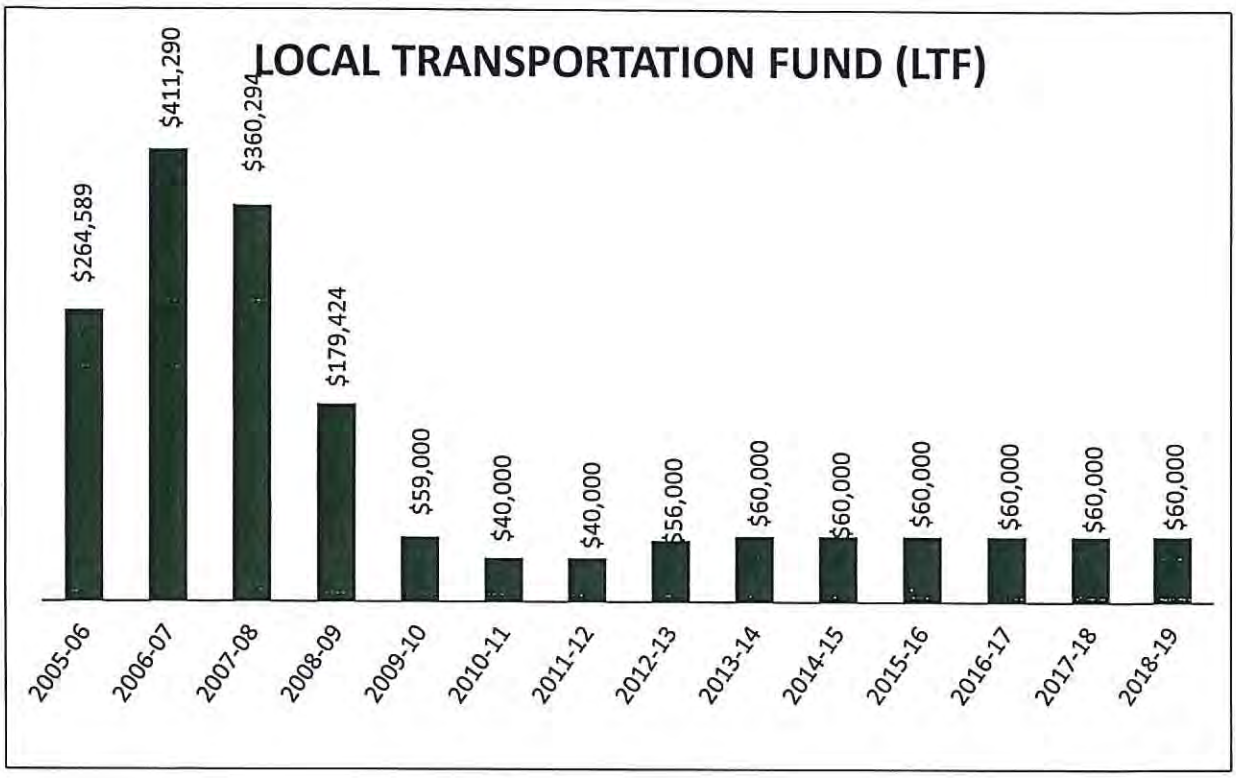
The Town is received an allocation of $471,000 in MLHP funds in July 2013 for the construction of the SR 62 @ Dumosa Avenue traffic signal project. Additionally, the Town received MLHP funds from SANBAG for both the TCRP and PLHD projects.

The following figure identifies the trends in Measure I revenues between FY 2005/2006 and the estimated revenues through FY 2018/1019.



Local Transportation Fund (LTF): to the local jurisdiction. Expenditures of LTF funds are limited to roadway purposes in accordance with the State Gas Tax Guidelines.

LTF revenues have historically been used for both roadway capital projects as well as for backfill to the Town's Gas Tax funded street maintenance program. The following figure illustrates historical LTF revenues and the revenue estimated for FY 2014/2015 to 2018/2019. The significant reduction in LTF revenues is a direct result of increased transit services within the Town, provided by Morongo Basin Transit Authority (MBTA).



Community Development Block Grants (CDBG): CDBG funds have historically been allocated to the construction of recreation based facilities for both the Town as well as for non-profit agencies, as well as economic development infrastructure programs and Code Compliance programs. Revenues available for capital projects have historically ranged in the $90,000 to $100,000 annually. The Town Council's recent actions allocated 2015-16 of CDBG revenues to the replacement of the playground equipment at Jacobs Park.

State Local Partnership Program (SLPP): The Measure I 2010-2040 Expenditure Plan and the Mountain/Desert Subarea transportation planning partners identifies projects eligible for partial funding from Measure I 2010-2040 Rural Mountain/Desert Subarea Major Local Highway Program "MLHP" funds and Proposition 1B State Local Partnership Program "SLPP" formula Funds.

The following capital project revenues are not consistent and are dependent upon varying factors.

Development Impact Fees: Development Impact Fee revenues as approved by the Town Council include five categories of capital projects. These five categories include traffic, parks, storm drains, general facilities, and trails. The following impact fee funds have been

allocated to Capital Projects:

- Park Impact Fees – No allocation
- Storm Drain Impact Fees – allocated to Senior Housing Project to construct regional storm drain facilities within Dumosa Avenue;
- General Facilities Impact Fees – No allocation

Quimby Fees: Quimby Fee revenues are generated from the Town's Parkland Dedication Ordinance and the payment of parkland dedication fees that off-set the impacts of new residential development on the Town's park and recreation facilities. The Town's Quimby Fees were allocated to Essig Park.

Redevelopment Agency Capital Projects: With the dissolution of Redevelopment by the State there is no allocation of RDA funds at this time. Pending resolution of state mandated process, there are anticipated amendments to the CIP during FY 2013/1014 that will identify the allocation of remaining former RDA bond proceeds.

The following outlines the major one-time grant funds contained in the 5-Year CIP.

Highway Safety Improvement Funds: The Town's grant applications were successful in obtaining $999,000 in HSIP funds. The successful projects include the Transportation Congestion Relief Program (TCRP) and the traffic signal modification project at SR 62 and SR 247.

Public Lands Federal Grant (PLHD): PLHD revenues were awarded for SR 62, Apache to Palm. This project includes installation of new raised median islands, curb, gutter, and a traffic signal at SR 62 and Church Street.

Congestion Mitigation & Air Quality (CMAQ): The Town's grant application for CMAQ funding for traffic signal synchronization was successful. The approved project includes the interconnection of the traffic signals on SR 62 at Camino del Cielo, Kickapoo Trail, Pioneertown Road and Acoma Trail traffic signals. The future SR 62 @ Church Street signal will be connected to this system.

Safe Route to School (SR2S) Fund: This project includes improvements on Sage Avenue including sidewalks, curb and gutter between Onaga Trail and SR 62. If warranted, pedestrian crossing improvements may be designed at the intersection of Pueblo Trail and Sage Avenue. Additionally, the necessary design and plans for the replacement of outdated speed signs at Yucca Valley Elementary School, Onaga Elementary School, and La Contenta Middle School are included in the project.

State Local Partnership Program: The Town's grant applications were successful in

obtaining SLPP funds for the PLHD and TCRP projects.

SANBAG Transit Access Improvement Program – The Town was successful in securing matching funds from SANBAG for the construction of pedestrian access improvements around Town Hall between transit stops and Community Center destinations;

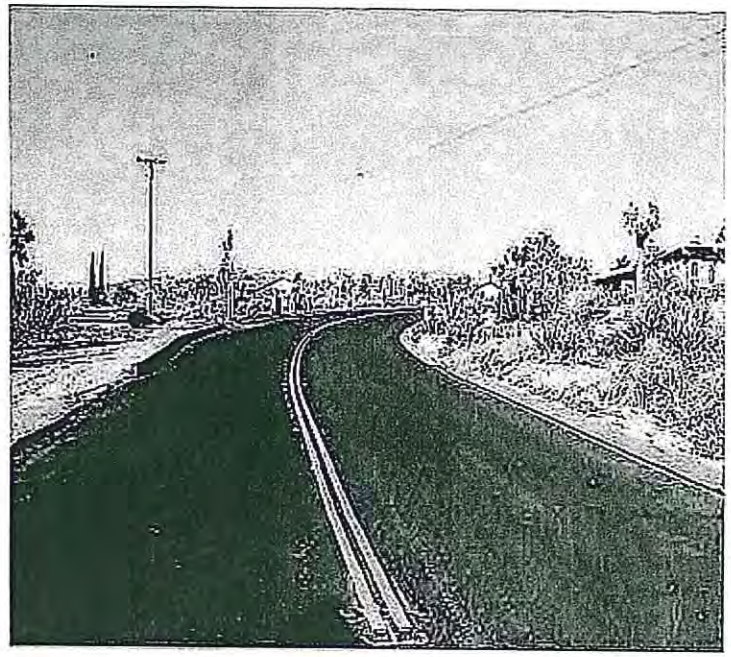
Potential Modifications to CIP: The Town has extremely limited resources available for capital expenditures. Therefore while the Town has extensive needs for road, park, trail and other infrastructure improvements, the Town does not have sufficient revenues to address those needs.

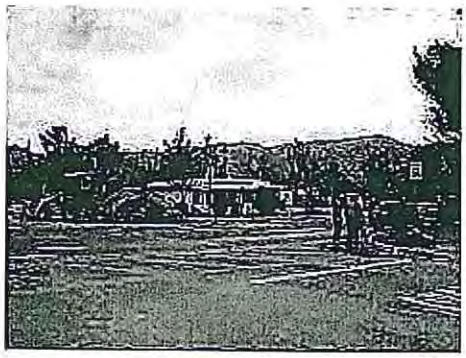
Alternatives: Staff recommends no alternative actions. The Planning Commission reviews the 5 year CIP is mandated by State law.

Fiscal impact: The CIP outlines the planned expenditures over the next five fiscal years. Staff will present an overview of this information at the Planning Commission meeting.

Attachments: 5 Year Capital Improvement Program

Town of Yucca Valley





DRAFT

Five Year Capital Improvement Program FY 2014/15 - 2018/19

Community Development Department

MAY 2014

INTRODUCTION - CAPITAL IMPROVEMENT PROGRAM (CIP)

The Capital Improvement Program (CIP) is the Town's official plan of major infrastructure repair and construction projects. It is a projection of the Town's capital investments over a five-year period. The CIP is both a fiscal and planning tool that allows the Town to monitor all capital projects costs, funding sources, departmental responsibilities and timing. At its essence, the CIP is a long-range financial planning tool utilized to address the community needs in the long-term future for improving streets, drainage, parks, public facilities and other Town functions.

Generally, projects in the CIP are relatively expensive, nonrecurring, have a multi-year useful life and result in fixed assets. Capital investments involve major Town projects that normally have long useful lives. The CIP is fluid in nature, with projects added and deleted from the approved list as a result of adjusted funding or project completion. Each year the CIP is reviewed within the context of ongoing Town, County, State and Federal planning programs and policies and to reflect changing priorities and the impact on operating budgets, scheduling and coordinating related projects. The CIP represents the best efforts to allocate available resources toward projects that provide the most benefit for the citizens of Yucca Valley.

This Plan covers five years of projected capital needs, Fiscal Years 2013/14 through 2017/18. The first year of the program will become the Capital Budget for which project money will be authorized. These are referred to as the "funded" projects in the five-year plan. The "Adopted Plan" represents Town Council approved projects to be implemented by the Town. The remaining five years of the CIP will serve as a financial plan for capital investments. The financial plan will be reviewed each year as the CIP is updated and prepared.

"Unfunded" projects will also be included in the CIP. These are projects that have been identified as desired improvements for the Town but which cannot be pursued due to a lack of funding.

This plan has been developed to provide a sense of which potential CIP projects are contemplated for future budget periods. This plan is not a firm, absolute list of funded projects. Each project template shows a potential source of funding but does not necessarily indicate actual funding of the project has occurred. As design requirements, budgets, and priorities change, the planned projects may also move within the plan or perhaps drop out entirely. Likewise, this list is not all inclusive. Often, unexpected requirements cause unforeseen projects to be inserted into the design and execution process. The projects shown in this document are based on input from a wide variety of sources. Budget estimates are often parametric estimates only and may vary from what is shown in this plan. These parametric estimates are fine-tuned as project and site data is refined during preliminary engineering. These refined project budgets are used to develop the individual yearly Detailed Work Plans and allocation of funding.

FUNDING SOURCES

Fund 300 – Quimby Fees: Quimby Fee revenues are generated from monies received as paid-in-lieu funds pursuant to the requirements of the Town Ordinance relating to the dedication of land for parks and recreational purposes.

Fund 350 – Development Impact Fees: Development Impact Fee revenues generated from a public facilities fee program to ensure new development pays the capital costs associated with growth and are divided into five categories. These five categories include traffic, parks, storm drains, general facilities and trails.

Fund 507 – Traffic Safety: Revenues generated from enforcement of California Vehicle Codes and Town Ordinances. Restricted funds that may be used only for traffic signals, school crossing guards, and other related traffic safety expenditures.

Fund 513 – AB 2928 Traffic Safety Grant: Revenues received from a one-time grant from the State of California under Assembly Bill 2928. Expenditures restricted to traffic and pedestrian safety improvement projects on Highway 62.

Fund 514 – AB 2928 TCRP (Traffic Congestion Relief Program): Revenues received annually from the State of California under Assembly Bill 2928. Expenditures are restricted to roadway maintenance projects for street and highway pavement, rehabilitation and reconstruction of necessary associated facilities such as drainage and traffic control devices.

Fund 515 – Gas Tax: Monies apportioned under Street and Highway Code Sections 2105, 2106, 2107 & 2107.5 of the State of California. These funds must be spent only for street maintenance, repairs or construction. A limited amount may be spent on related engineering costs.

Fund 516 – LTF (Local Transportation Fund): Monies available to the Town for roadway improvements per Article No. 8 of the Transportation Development Action of 1971 (SB325) State of California Street, Roads, Bicycle and Pedestrian Capital Facilities.

Fund 520 – Measure I 2010-40 Regional – (MDMLH) Major Local Highways Projects (25%): Revenues received from a voter approved ½ cent local transportation sales tax reserved in a special account to be expended on Major Local Highway Projects. Each rural Mountain/Desert Major Local Highway program will be used by local jurisdictions to fund projects of benefit to the subarea.

Fund 522 – Measure I (65%): Revenues received from a County-wide ½ cent sales tax on all retail transactions and are restricted to expenditures on major arterial roads.

Fund 523 – Measure I (30%): Revenues received from a County-wide ½ cent sales tax on all retail transactions and are restricted to expenditures on local roads.

Fund 524 – Measure I 2010 Unrestricted – (MDLS) Local Street Program (70%): Revenues received from a voter approved ½ cent local transportation sales tax for Local Street Programs. Local Street Program funds can be used flexibly for any eligible transportation purpose determined to be a local priority, including local streets, major highways, state highway improvements, freeway interchanges, transit and other improvements/programs to maximize use of transportation facilities.

Fund 525 - CALTRANS Outer Highway Relinquishment: Grant funds received from the State of California (CALTRANS) for development, design and construction of improvements around public school sites in the Town, including sidewalks, flashing lights and related safety improvements.

Fund 526 – Highway Safety Improvement Program (HSIP): The Highway Safety Improvement Program (HSIP), codified as Section 148 of Title 23, United States Code (23 U.S.C.§148) was elevated to a core program as a result of the passage of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). The HSIP replaces the Hazard Elimination Safety (HES) Program under 23 U.S.C. §152. Under this core program, two set aside funds are made for the Highway-Rail Grade Crossings Program (23 U.S.C. §130) and the new High Risk Rural Roads Program (HR3). Both programs are funded components of HSIP. Funds are administered through Caltrans.

Fund 527 – Public Lands Federal Grant: Public Lands Highway Discretionary Funds (PLHD), are administered by the Federal Highway Administration (FHWA) to implement the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Public Law 109-59. PLHD funds are allocated through local government San Bernardino Associated of Governments (SANBAG) for highway transportation projects that are eligible and listed on the approved Regional Transportation Improvement Project (RTIP) list. Funds are administered by Caltrans.

Fund 529 – Safe Routes to School (SR2S) Infrastructure Grant: State funds received from a one-time from the State of California. Expenditures are restricted to construction of pedestrian safety improvements around school facilities.

Fund 530 – Safe Routes to School (SRTS) Non-Infrastructure Grant: Federal funds received from a one-time grant from the State of California. Expenditures are restricted to Education, Encouragement and Enforcement safety program activities to promote walking and riding bikes to school.

Fund 531 – Flood Control: Grant monies received from the State of California for flood control improvement programs and/or projects. These funds are restricted solely for flood control related projects.

Fund 534 – Prop 1B State-Local Partnership Program (SLPP): The Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act of 2006, approved by the voters as Proposition 1B authorized the issuance of State General Obligation Bonds to

fund state and local transportation improvement projects. In 2008, the Legislature enacted the SLPP account for eligible transportation projects. The Bond Act requires a dollar for dollar match of local funds for an applicant agency to receive state funds under the program.

Fund 535 – SAFE, Accountable, Flexible, Efficient Transportation Equity Act (SAFETEA-LU): Federal fund earmark authorized from the Highway Trust Fund for the High Priority Projects (HPP) Program listed in Section 1702 of SAFETEA-LU for construction of traffic and pedestrian safety improvements.

Fund 542 – Congestion Management Air Quality (CMAQ): Revenues received from the State of California per AB 2726. Expenditures restricted to projects that improve air quality.

Fund 560 – Community Development Block Grant (CDBG): Revenues received from HUD and administered through the County of San Bernardino, Community Development and Housing Department. Grant funds are for revitalization of low-to-moderate income areas within the Town.

Fund 800 – Capital Project Reserve: General fund revenues received and designated to construct capital improvements.

TOWN OF YUCCA VALLEY STATEMENTS

MISSION STATEMENT

The mission of the Town of Yucca Valley is to provide a government that is responsive to the needs and concerns of its diverse citizenry and ensures a safe and secure environment while maintaining the highest quality of life.

VISION STATEMENT

"The Town of Yucca Valley will be a safe and attractive community with state-of-the art infrastructure and high quality services that meet the needs of its citizens in a fiscally-sound manner, through:

- *Honest and responsible government*
- *Sound, fiscal management*
- *Effective partnerships*
- *Preservation of the land and natural resources*
- *Balanced growth that enhances economic development and quality of life*
- *Constant evaluation of ourselves, our procedures, our policies, in terms of providing the best government and representation that meets the needs of the people of Yucca Valley."*

VALUES STATEMENT

As the Town of Yucca Valley, we value:

- *Honesty and integrity of government*
- *Fiscal responsibility*
- *Common sense approach in decision making*
- *Proactive leadership and problem solving*
- *Community participation in government and the decision-making process*
- *Accountability, responsibility, and fair and equal response to citizen needs.*
- *Stewardship and responsibility in caring for the scarce resources of our community*
- *User-friendly philosophy and citizen accessibility to Town government*
- *Flexibility in the midst of a changing community*
- *Equal opportunity within the Town government.*

CAPITAL IMPROVEMENT PROJECTS - FISCAL YEAR TOTALS

FISCAL YEAR 2014-2015			
STREETS/ROADS		$	4,897,238
PARKS		$	80,000
FLOOD CONTROL		$	0
PUBLIC BUILDINGS		$	0
NON-INFRASTRUCTURE		$	0
	TOTAL:	$	4,977,238

FISCAL YEAR 2015-2016			
STREETS/ROADS		$	400,000
PARKS		$	0
FLOOD CONTROL		$	0
PUBLIC BUILDINGS		$	0
NON-INFRASTRUCTURE		$	0
	TOTAL:	$	400,000

FISCAL YEAR 2016-2017			
STREETS/ROADS		$	400,000
PARKS		$	0
FLOOD CONTROL		$	0
PUBLIC BUILDINGS		$	0
NON-INFRASTRUCTURE		$	0
	TOTAL:	$	400,000

FISCAL YEAR 2017-2018			
STREETS/ROADS		$	428,152
PARKS		$	0
FLOOD CONTROL		$	0
PUBLIC BUILDINGS		$	0
NON-INFRASTRUCTURE		$	0
	TOTAL:	$	428,152

FISCAL YEAR 2018-2019			
STREETS/ROADS		$	400,000
PARKS		$	0
FLOOD CONTROL		$	0
PUBLIC BUILDINGS		$	0
NON-INFRASTRUCTURE		$	0
	TOTAL:	$	400,000

SECTION I

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PROJECT DESCRIPTIONS 2014/2015

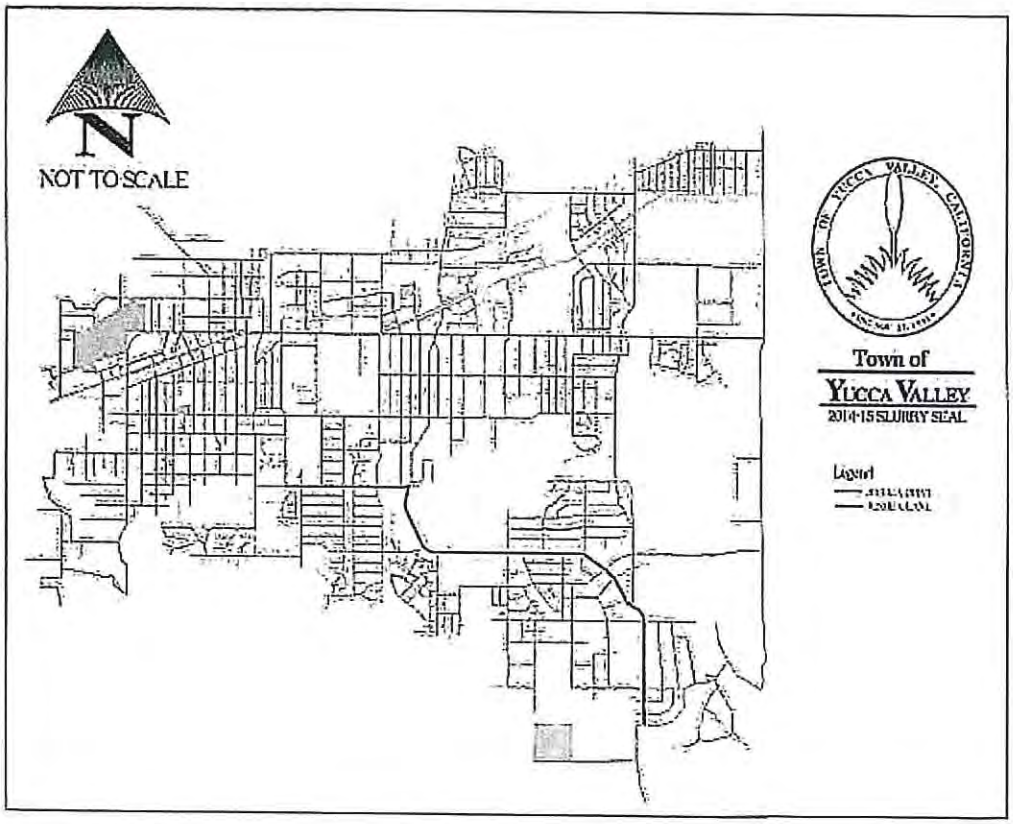
FISCAL YEAR 2014-2015
STREETS & HIGHWAYS

2014-2015 SLURRY SEAL
Fiscal Year 2014/2015

Project No:	8340
Category:	Streets & Highways
Description:	Installation of slurry seal/cape seal, hot mix asphalt repairs and replace street striping, markings and legends on designated streets.
Limit:	Joshua Lane: Joshua Drive /San Marino Drive Joshua Drive: Church Street/Joshua Lane
Status:	Last Improvements: 2005/06 & 2009/10. Bid Opening – May 22, 2014
Schedule:	Construction to start July 2014

Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	480,631
Total	**480,631**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
Local Measure I – Unrestricted 524				480,631				
Total				**480,631**				



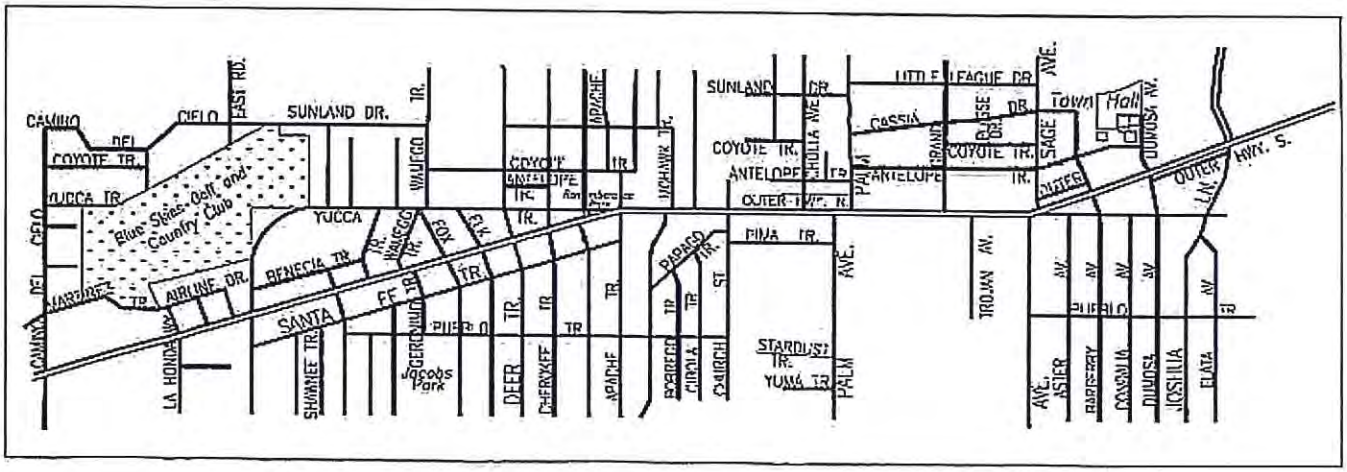
SR62: APACHE TRAIL TO PALM AVE (PLHD)

Fiscal Year 2014/2015

Project No:	**8661**
Category:	**Streets & Highways**
Description:	Public Lands Highway Discretionary Funds (PLHD) Improvements to SR62 to install three segments of raised medians, street lighting where gaps exist, sidewalks, curb & gutter, ADA compliant ramps, traffic signal at Church Street, traffic signal modifications at Acoma Trail/Mohawk Trail.
Limit:	State Route 62 from Apache Trail to Palm Avenue
Status:	Construction to start May 2014
Schedule:	

Project Cost Estimate		
PA/ED	175,480	Completed 11/25/09
PS&E	566,589	Completed 5/1/13
ROW/Property Acquisition	141,475	Completed 10/2/13
Construction	2,886,080	
Total	**3,769,624**	

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
Federal Safetea-Lu 535	1,440,000		1,440,000	1,440,000				
Local Meas I – Arterial 522	613,120	24,995	588,125	588,125				
Regional Meas I 520	135,000		135,000	135,000				
Prop 1B State SLPP 534	723,120		723,120	723,120				
Bond Fund From SA 630	191,760	18,337	173,423	173,423				
Total	**3,103,000**	**43,332**	**3,059,668**	**3,059,668**				



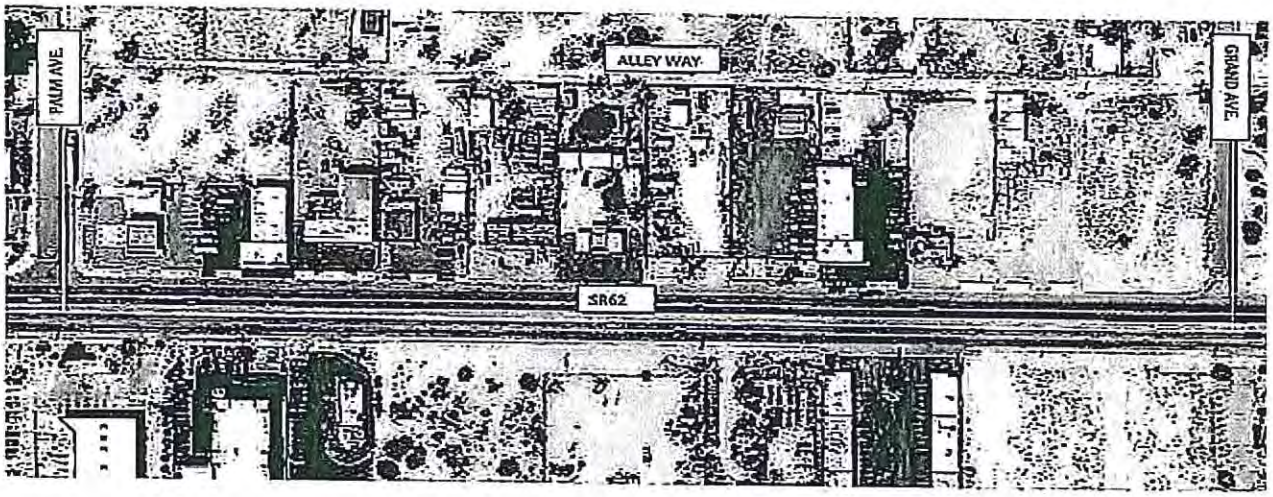
ALLEY WAY IMPROVEMENTS
Fiscal Year 2014/2015

Project No:
Category: **Streets & Highways**
Description: Pave approximately 1350 l.f. of an unpaved Alley Way located north and parallel to SR62. This project was generated as a result of the PLHD project to provide access to businesses and residents.

Limit: Alley way between Palm Avenue east to Grand Avenue
Status:
Schedule:

Project Cost Estimate	
PA/ED	2,000
PS&E	10,000
ROW/Property Acquisition	20,000
Construction	138,000
Total	**170,000**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
LTF 516				20,000			150,000	
Total				**20,000**			**150,000**	



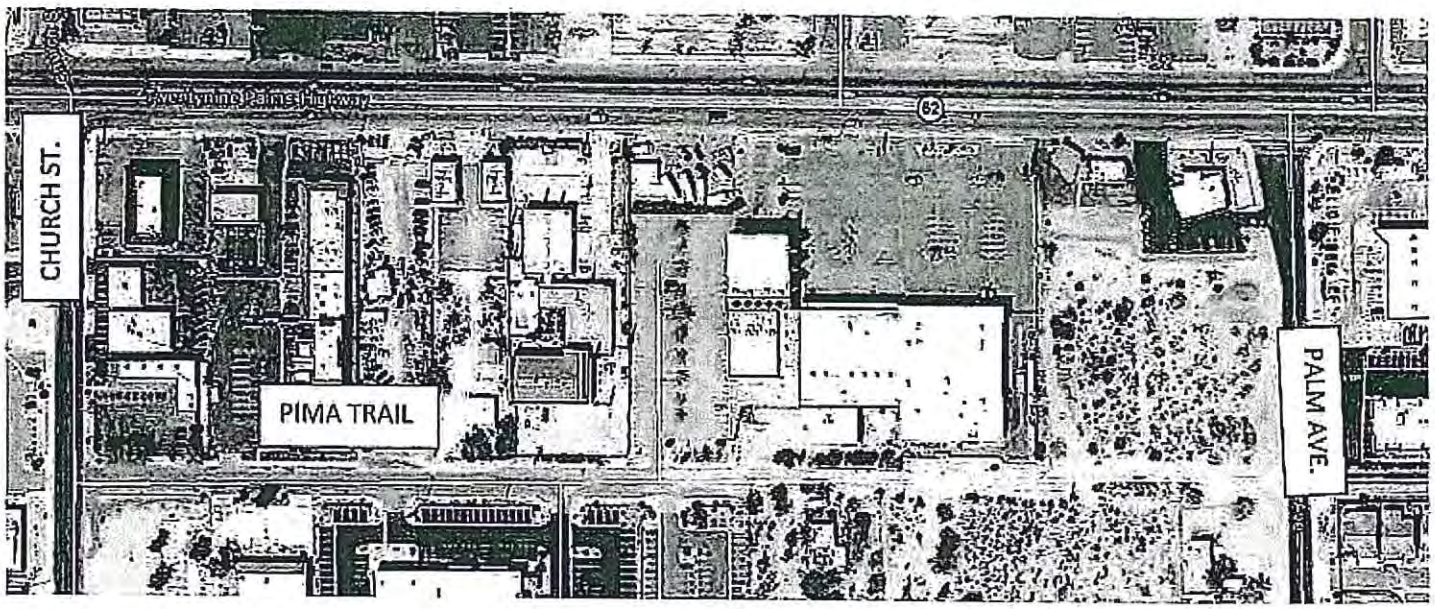
PIMA TRAIL IMPROVEMENTS
Fiscal Year 2014/2015

Project No:
Category: **Streets & Highways**
Description: Paving and Concrete work for the missing link of Pima Trail. This project was generated as a result of the PLHD project to provide access to businesses and residents.

Limit: Pima Trail approximately 500 ft. east of Church Street to Palm Avenue
Status:
Schedule:

Project Cost Estimate	
PA/ED	2,000
PS&E	15,000
ROW/Property Acquisition	20,000
Construction	163,000
Total	**200,000**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
LTF 516				20,000			180,000	
Total				**20,000**			**180,000**	



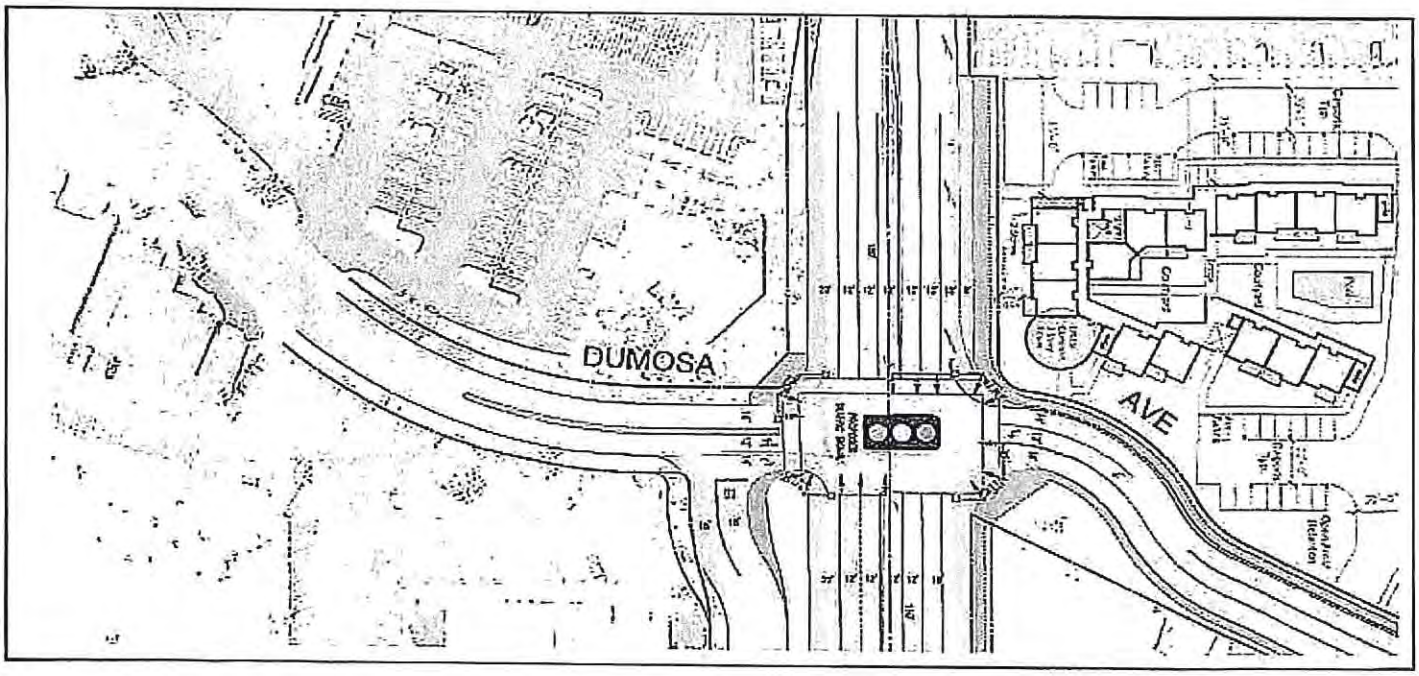
SR62 & DUMOSA AVENUE TRAFFIC SIGNAL

Fiscal Year 2014/2015

Project No:	8456
Category:	Streets & Highways
Description:	Construction of a traffic signal at SR62 and Dumosa Avenue including ADA compliant ramps, raised median construction on Dumosa Avenue south of SR62 and modifications to the existing turn pockets for east and west bound traffic on SR62.
Limit:	SR62 at Dumosa Avenue
Status:	Final plans submitted to Caltrans for approval – anticipate Mid-May 2014 approval.
Schedule:	

Project Cost Estimate	
PA/ED	N/A
PS&E	76,000
ROW/Property Acquisition	N/A
Construction	650,000
Total	**726,000**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
Regional Measure I 520	441,535	44,191	397,344	397,344				
Traffic Safety 507				255,000				
Total	**441,535**	**44,191**	**397,344**	**652,344**				



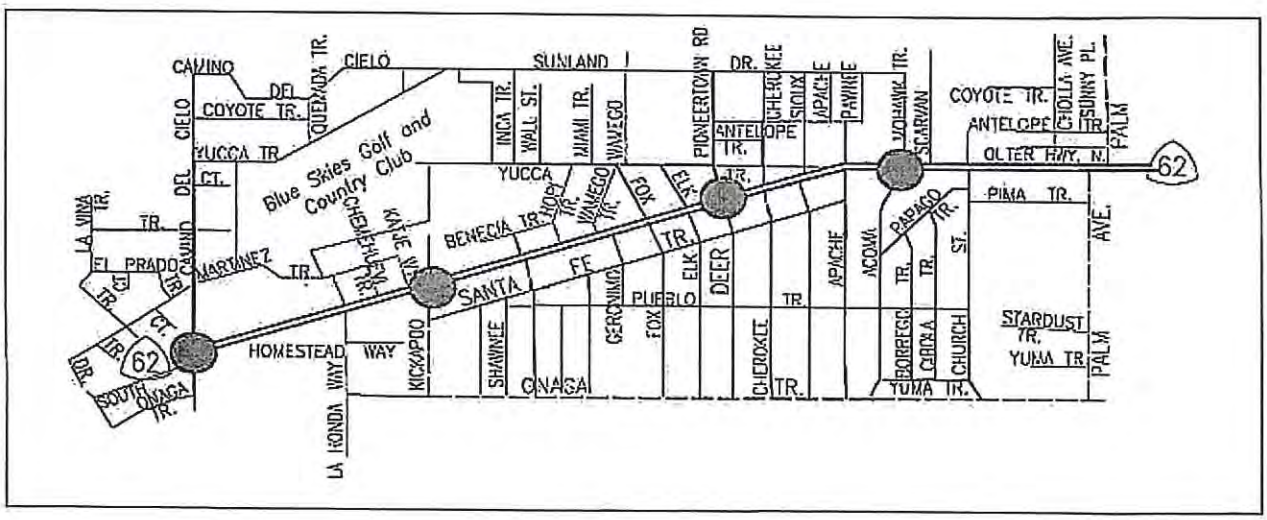
SR62: TRAFFIC CONTROL SYNCHRONIZATION (Phase I)

Fiscal Year 2014/2015

Project No:	**8028**
Category:	**Streets & Highways**
Description:	Congestion Management Air Quality (CMAQ) funds: Synchronization of 4 traffic signals on SR62 at the intersections of Camino del Cielo, Kickapoo Trail, Deer Trail/Pioneertown Road, Acoma Trail/Mohawk Trail to mitigate and reduce traffic congestion and delay through improved traffic signal timing, improved traffic flow and reduction in idling time resulting in improved air quality through a reduction in VOC, NOx, PMx and CO emissions.
Limit:	State Route 62 between Kickapoo Trail and Acoma Trail
Status:	Pending Caltrans approval of RFA
Schedule:	

Project Cost Estimate	
PA/ED	N/A
PS&E	50,000
ROW/Property Acquisition	N/A
Construction	50,000
Total	**100,000**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
Federal CMAQ 542	187,250	86.00	187,164	50,000				
Total	**187,250**	**86.00**	**187,164**	**50,000**				



SR62: TRAFFIC CONTROL SYNCHRONIZATION (Phase II)

Fiscal Year 2014/2015

Project No:	**8028**
Category:	**Streets & Highways**
Description:	Congestion Management Air Quality (CMAQ) funds: Synchronization of 10 traffic signals on SR62 at the intersections of Church, Sage, Dumosa, SR247, Airway, Warren Vista, Balsa, Avalon, Home Depot and Yucca Mesa/La Contenta to mitigate and reduce traffic congestion and delay through improved traffic signal timing, improved traffic flow and reduction in idling time resulting in improved air quality through a reduction in VOC, NOx, PMx and CO emissions.
Limit:	State Route 62 between Church Street and Yucca Mesa/La Contenta
Status:	Pending Caltrans approval on allocation of CMAQ Funds
Schedule:	

Project Cost Estimate	
PA/ED	N/A
PS&E	50,000
ROW/Property Acquisition	N/A
Construction	87,164
Total	**137,164**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018 -19
	Budget	Expended	Balance					
Federal CMAQ 542				137,164				
Total								

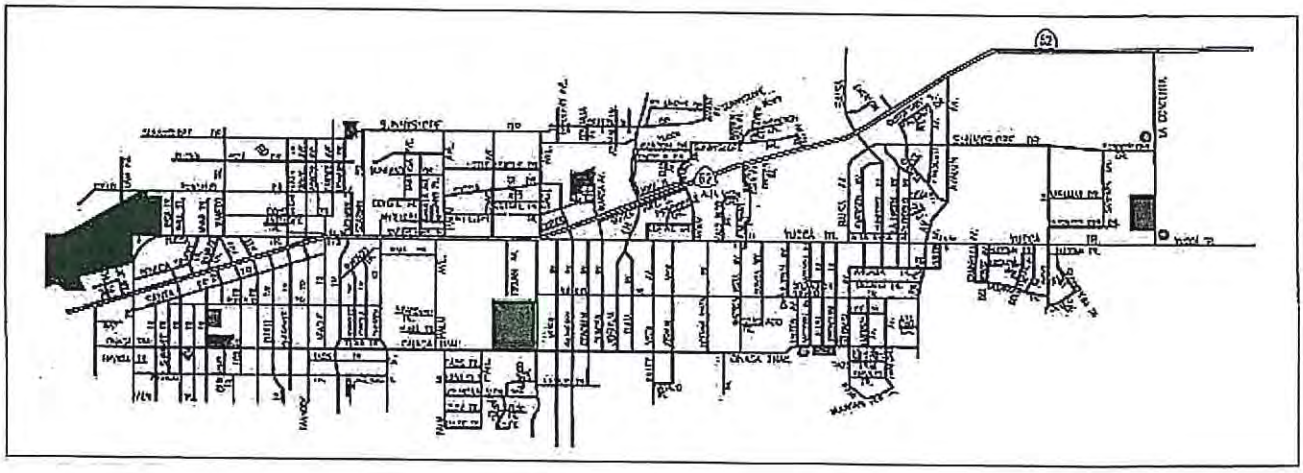
SAFE ROUTES TO SCHOOLS (SR62) INFRASTRUCTURE

Fiscal Year 2014/2015

Project No:	**8320**
Category:	**Streets & Highways**
Description:	Construction of curb & gutter, and sidewalks, and installation of handicapped ramps, striping, traffic control plans, pedestrian crossing signal and appurtenant work as necessary on Sage Avenue. Traffic Calming Speed Signs on La Contenta Road and Onaga Trail
Limit:	Sage Avenue between SR62 and Onaga Trail, La Contenta Road between Yucca Trail & Sunnyslope Drive, Onaga Trail between Hilton Avenue & Balsa Avenue, and Onaga Trail between Inca Trail & Fox Trail
Status:	Bid Opened April 24, 2014
Schedule:	Construction expected to commence after current school year is completed.

Project Cost Estimate	
PA/ED	N/A
PS&E	46,317
ROW/Property Acquisition	N/A
Construction	400,683
Total	**447,000**

Fund Source	Prior Years			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
State SR2S 529	399,800		399,800	373,000				
Local LTF 516	50,000	45,569	4,431	4,431.				
Total	**449,800**	**45,569**	**404,231**	**377,431**				



BLACK ROCK CANYON ROAD IMPROVEMENTS

Fiscal Year 2014/2015

Project No:

Category: **Streets & Highways**

Description: Pulverize the existing roadway of approximately 1,400 ft. of Black Rock Canyon Road located in the southeast section of the Town (until funding becomes available to completely Reconstruct the Roadway. This road provides access to a small residential neighborhood, Joshua Tree National Park's Black Rock Campground and to the Town's South Park.

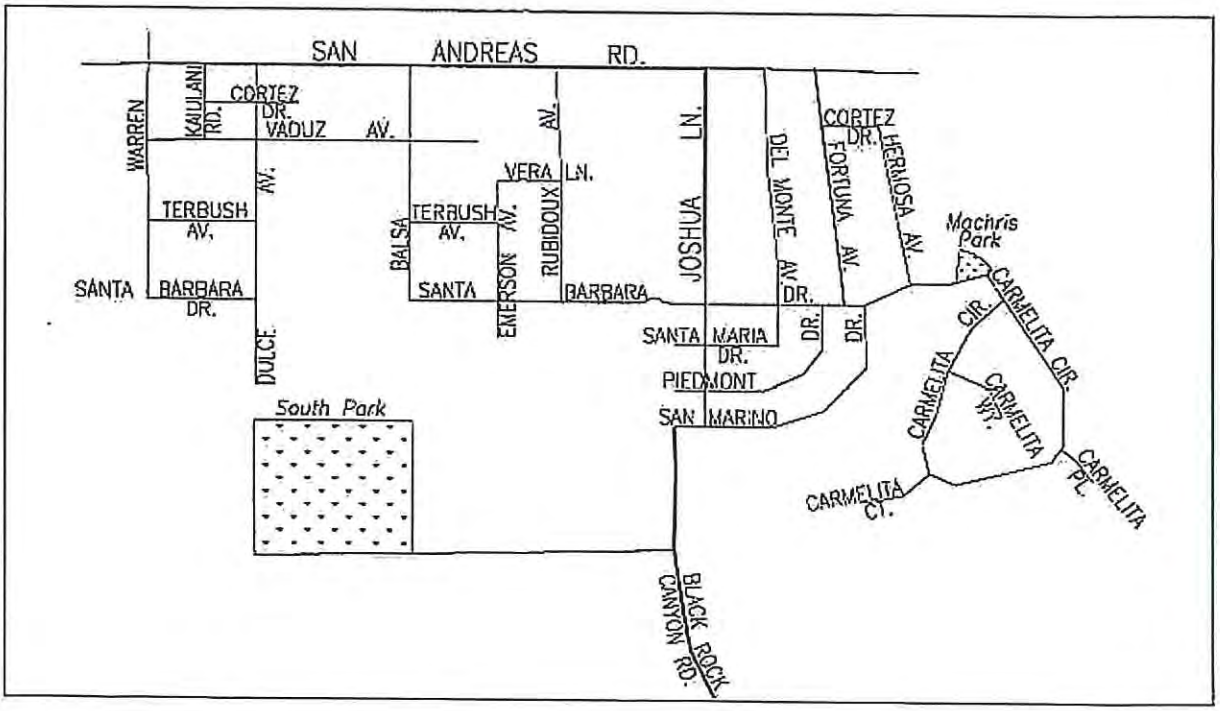
Limit: Black Road Canyon Road from Park Road to San Marino Drive

Status: Town & National Park personnel are continuing to seek resources to address Black Rock Canyon Road, as well as evaluating interim solutions for providing improved access to the public facilities.

Schedule:

Project Cost Estimate	
PA/ED	N/A
PS&E	5,000
ROW/Property Acquisition	5,000
Construction	90,000
Total	**100,000**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
LTF 516				100,000				
Total				**100,000**				



FISCAL YEAR 2014-2015
PARKS & RECREATION FACILITIES

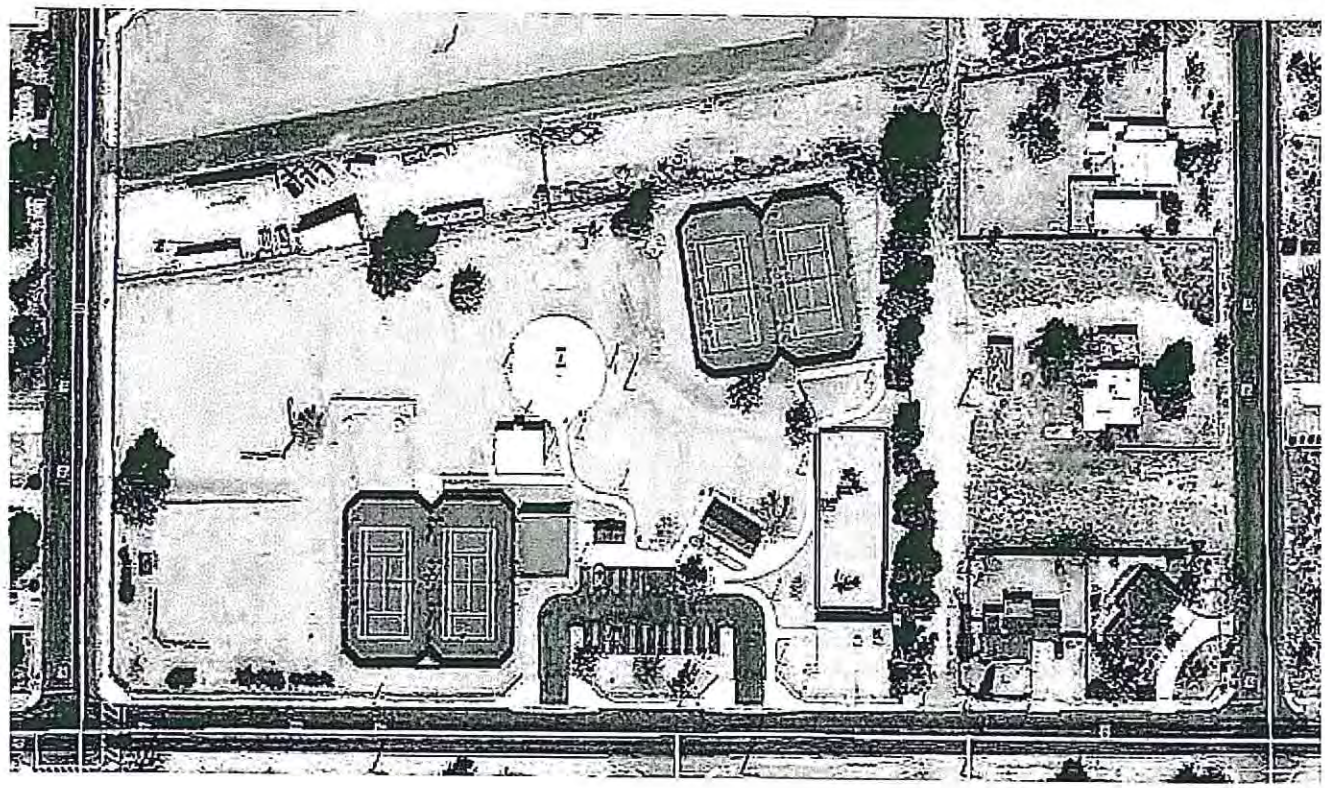
JACOBS PARK PLAYGROUND IMPROVEMENTS

Fiscal Year 2014/2015

Project No:
Category: **Parks & Recreation Facilities**
Description: Demolition of existing playground equipment, removal of sand and installation of new playground equipment.
Limit:
Status:
Schedule:

Project Cost Estimate	
PA/ED	
PS&E	
ROW/Property Acquisition	
Construction	70,000
Total	**70,000**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
CDBG 560				70,000				
Total				**70,000**				



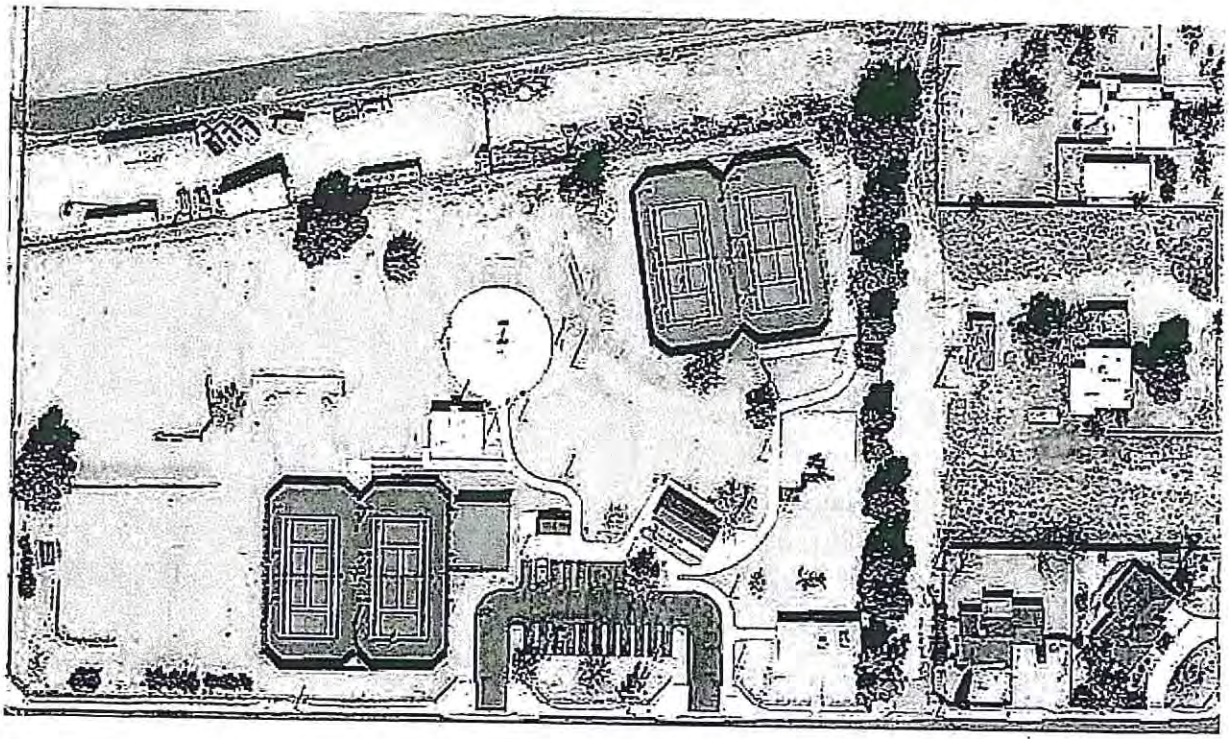
JACOBS PARK TENNIS COURT RESURFACING
Fiscal Year 2014/2015

Project No:
Category: **Parks & Recreation Facilities**
Description: Repair and resurfacing of 2 tennis courts including removal of all tool marks and ridges, removal of blistered and loose paint, repair all divots and cracks, disc-sand repairs, "pop-ups", playing lines, wash courts and resurface, layout and stripe court, reinstall tennis nets and center straps and appurtenant work and material.

Limit: Two tennis courts located at the northeast corner of Jacobs Park
Status: Informal bids were solicited in February 2014
Schedule:

Project Cost Estimate	
PA/ED	
PS&E	
ROW/Property Acquisition	
Construction	10,000
Total	**10,000**

Fund Source	Prior FY 2013/2014			FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
	Budget	Expended	Balance					
General Funds				10,000				
Total				**10,000**				



SECTION II

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PROJECT DESCRIPTIONS 2015/2016

FISCAL YEAR 2015-2016
STREETS & HIGHWAYS

2015-2016 SLURRY SEAL
Fiscal Year 2015/2016

Project No: 8340
Category: Streets & Highways
Description: Installation of slurry seal/cape seal, hot mix asphalt repairs and replace street striping, markings and legends on designated streets.

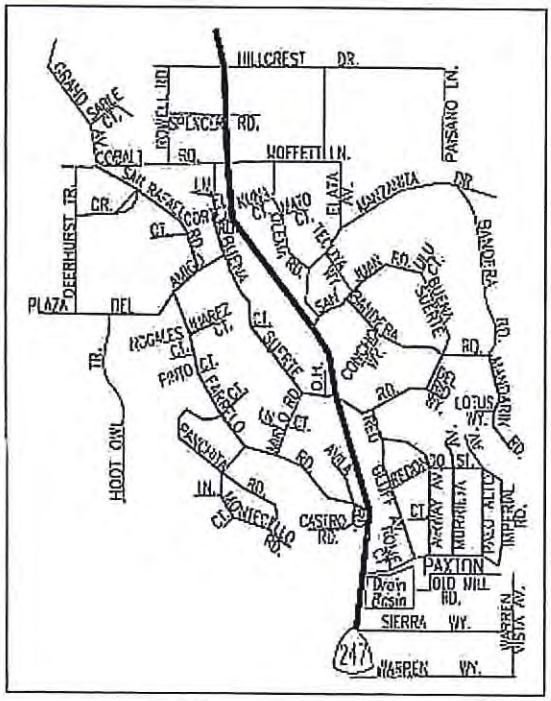
Limit:

Airway Ave: Paxton/Redbluff
Airway Ct: Airway Ave/End
Avila Rd: Castro/End
Bandera Rd: San Juan/End
Buena Suerte Ct: Buena Suerte Rd/End
Buena Suerte Ln: Buena Suerte Rd/End
Buena Suerte Rd: E. SR247/Bandera
Buena Suerte Rd: W. SR247/N. End
Castro Rd : Avila/End
Del Rio Wy: Buena Suerte/End
El Cortez Rd : Buena Suerte/SR247
Farello Ct : Farello Rd /End
Farello Rd : Plaza del Amigo/SR247
247 OH: Buena Suerte/End
Imperial Rd: Paxton/Palo Alto
Juarez Ct: Farello/End
Mandarin Rd: Bandera/End
Montecello Ct: Montecello Rd/End
Montecello Ln: Montecello Rd/End
Montecello Rd: Panchita/End
Murrietta Av: Paxton/End
Palo Alto Av: Paxton/End
Panchita Rd: Farello/Montecello
Plaza del Amigo: Buena Suerta/End
Red Bluff Av: Paxton/Buena Suerta
Rome Ct: Paxton/End
San Juan Rd: SR247/End
San Rafael Ct: San Rafael Rd/End
San Rafael Rd: Plaza del Amigo/End

Status: Last Improvements 2006/07
Schedule: Construction to start July 2016

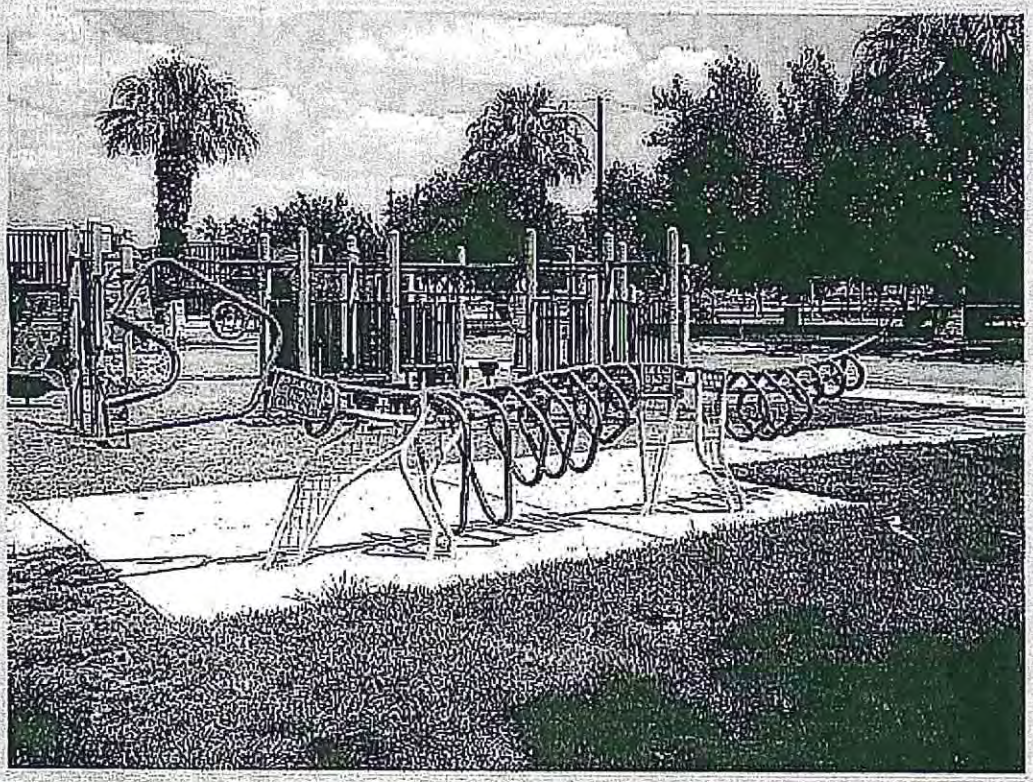
Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	400,000
Total	**400,000**

Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Local Meas I – Unrestricted 524		400,000			
Total		**400,000**			



SECTION III

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PROJECT DESCRIPTIONS 2016/2017



FISCAL YEAR 2016-2017
STREETS & HIGHWAYS

2016-2017 SLURRY SEAL

Fiscal Year 2016/2017

Project No: 8340
Category: Streets & Highways
Description: Installation of slurry seal/cape seal, hot mix asphalt repairs and replace street striping, markings and legends on designated streets.

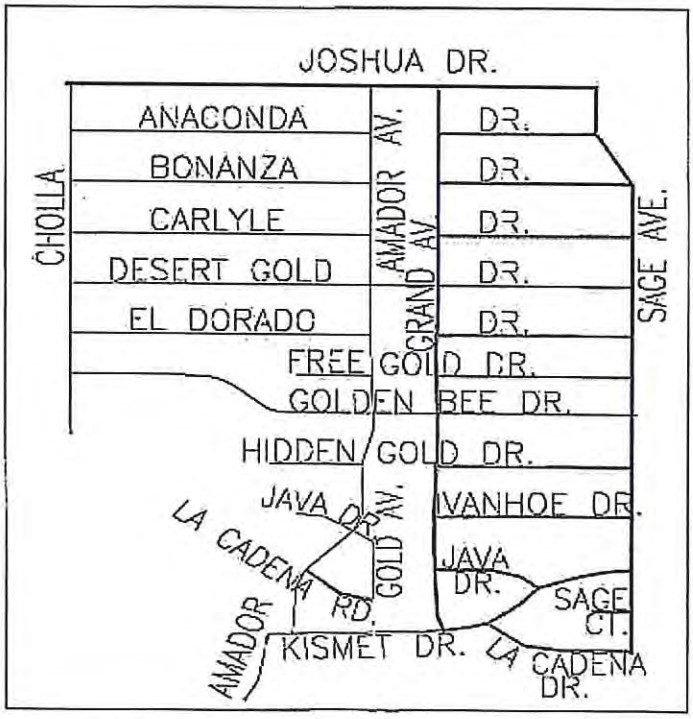
Limit:

Anaconda Dr: Grand/Sage
Bonanza Dr: Grand/Sage
Carlyle Dr: Grand/Sage
Desert Gold Dr: Grand/Sage
El Dorado Dr: Grand/Sage
Free Gold Dr: Grand/Sage
Grand Av: Kismet/Joshua Dr.
Hidden Gold: Grand/Sage
Ivanhoe Dr: Grand/Sage
Java Dr: Grand/Kismet
Kismet Dr: Grand/Sage
La Cadena Dr : Amador/Gold
La Cadena Dr : Kismet/Sage
Sage Av : S. End/Joshua Dr.
Sage Ct: Sage/End

Status: Last Improvements: 2005/06 & 2009/10
Schedule: Construction to start July 2017

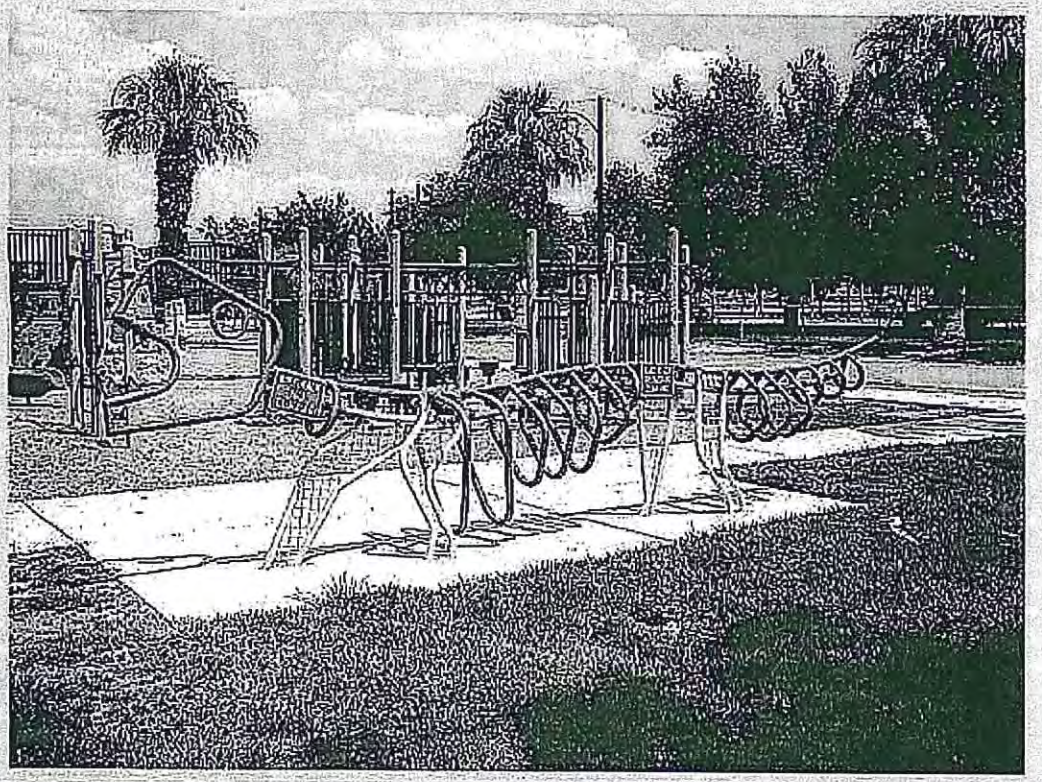
Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	400,000
Total	**400,000**

Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Local Meas I – Unrestricted 524			400,000		
Total			**400,000**		



SECTION IV

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PROJECT DESCRIPTIONS 2017/2018



FISCAL YEAR 2017-2018
STREETS & HIGHWAYS

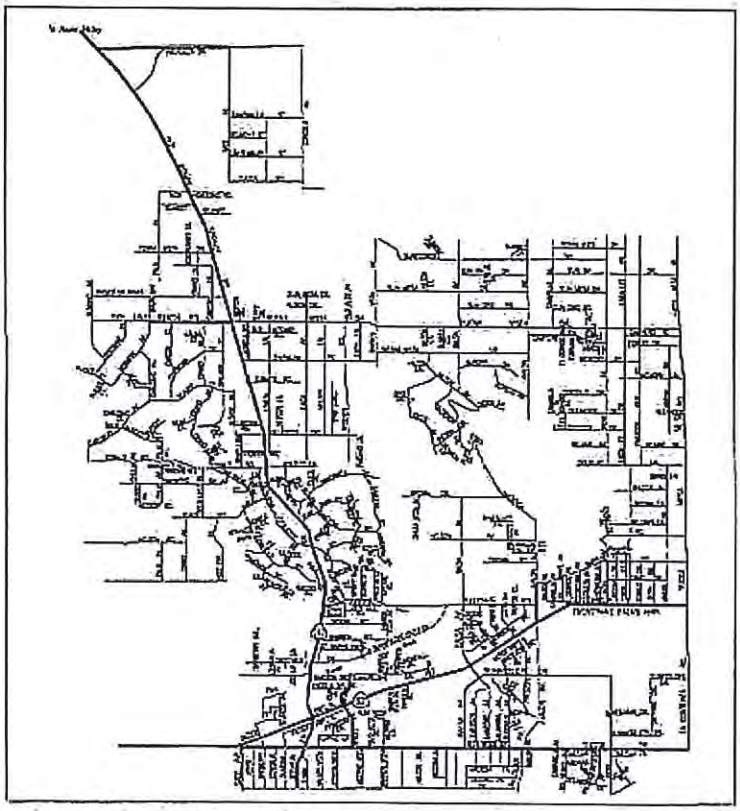
2017-2018 SLURRY SEAL

Fiscal Year 2017/2018

Project No:	**8340**	
Category:	**Streets & Highways**	
Description:	Installation of slurry seal/cape seal, hot mix asphalt repairs and replace street striping, markings and legends on designated streets.	
Limit:	Aberdeen Dr: OWS/Sage	Last Improvements : 2002
	Skyline Ranch Rd: Malin Wy/OWS	Last Improvements : 2007/08
	Yucca Tr: Sage/La Contenta	Last Improvements : 2009/10
Status:		
Schedule:	Construction to start July 2018	

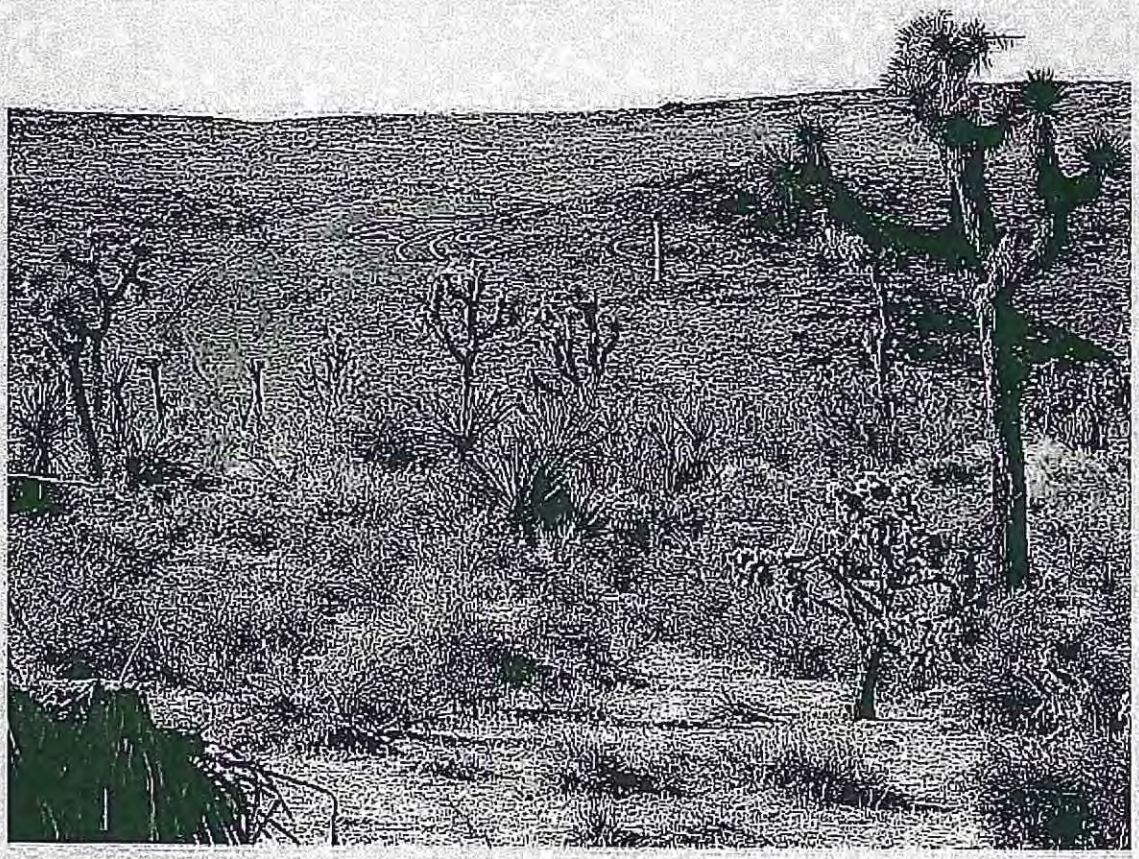
Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	428,152
Total	**428,152**

Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Local Meas I – Unrestricted 524				428,152	
Total				**428,152**	



SECTION V

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PROJECT DESCRIPTIONS 2018/2019



FISCAL YEAR 2018-2019
STREETS & HIGHWAYS

2018-2019 SLURRY SEAL
Fiscal Year 2018/2019

Project No: **8340**
Category: **Streets & Highways**
Description: Installation of slurry seal/cape seal, hot mix asphalt repairs and replace street striping, markings and legends on designated streets.

Limit: To Be Determined.

Status:
Schedule: Construction to start July 2019

Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	400,000
Total	**400,000**

Fund Source	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Local Meas I– Unrestricted 524					400,000
Total					**400,000**

SECTION VI

UNFUNDED PROJECTS OF THE 5-YEAR CAPITAL IMPROVEMENT PROGRAM

UNFUNDED PROJECTS OF THE 5-YEAR CAPITAL IMPROVEMENT PROGRAM PURSUANT TO ADOPTION OF ADA TRANSITION PLAN

*ADA TRANSITION PLAN
FACILITIES
UNFUNDED PROJECTS

Community Center Complex	710,294
Community Center Park	106,235
Community Development/Public Works	74,047
Machris Park	166,972
Jacobs Park	219,385
Paradise Park	144,685
Welcome Center	31,270
Park and Ride	17,725
TOTAL:	**$1,470,613.**

**REFERENCE: Town of Yucca Valley; ADA Transition Plan; Dated April 20, 2009; Prepared by Sally Swanson Architects, Inc*

UNFUNDED PROJECTS OF THE 5-YEAR CAPITAL IMPROVEMENT PROGRAM PURSUANT TO ADOPTION OF MASTER PLAN OF DRAINAGE

DRAINAGE FACILITIES
UNFUNDED PROJECTS

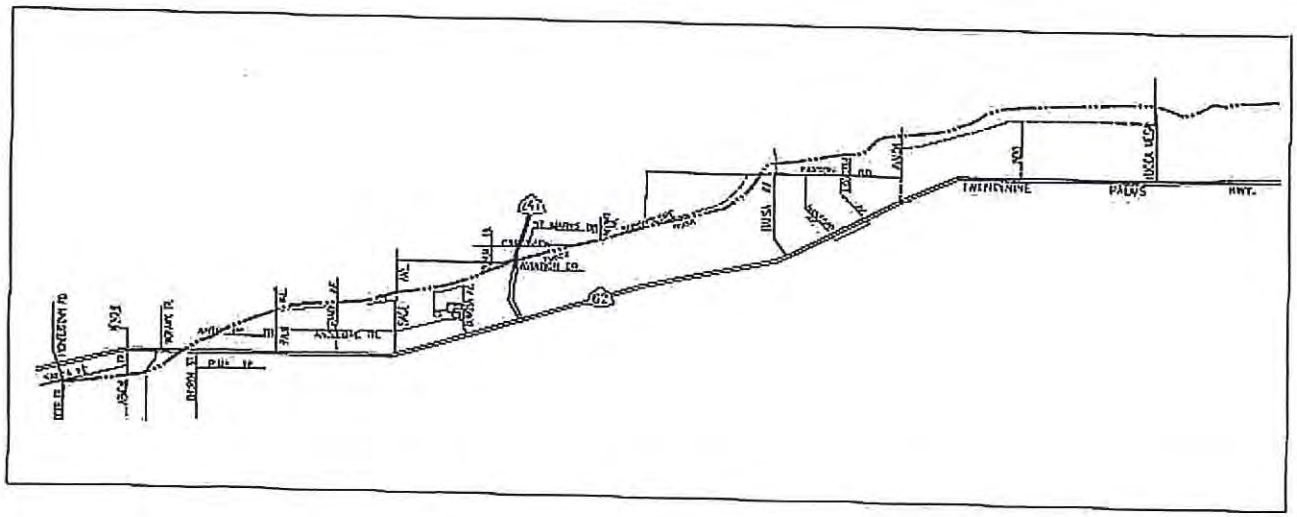
CONVEYANCE FACILITIES	***FACILITY NO.***	***NON-DETAINED***	***DETAINED***
Yucca Wash	Y01	27,804,000	22,118,000
Hanford Avenue Drain	Y01-01	3,011,000	3,011,000
Crestview Wash	Y01-02	203,000	203,000
Yucca Wash Tributaries	Local	608,000	608,000
West Burnt Mtn. Wash	Y02	14,331,000	7,768,000
East Burnt Mtn. Wash	Y03	10,601,000	8,471,000
Long Canyon Channel	Y07	6,242,000	4,580,000
Hospital Channel	Y09	5,985,000	5,394,000
High School Channel	Y09-01	532,000	532,000
Cholla Avenue Drain	Local	449,000	449,000
Acoma Channel	Y10	3,514,000	1,299,000
Deer Trail Channel	Y11	680,000	680,000
Water Canyon Channel	Y12	8,963,000	4,479,000
Kickapoo Drain	K01	2,734,000	686,000
La Honda Drain	K01-01	247,000	247,000
Inca Trail Wash	K01-03	632,000	632,000
Pinon Creek	P01	2,031,000	2,031,000
Covington Wash	C01	2,885,000	2,885,000
Sierra Vista Wash	V01	401,000	401,000
Hillcrest Wash	V01-03	14,000	14,000
OWS Channel	Y04	3,252,000	3,252,000
Buena Vista Wash	Y05	1,923,000	1,923,000
SUBTOTAL CONVEYANCE FACILITIES:		***$97,042,000***	***$71,663,000***
DETENTION FACILITIES			
Water Canyon Basin			3,750,000
Kickapoo Basin			640,000
Acoma Basin			1,140,000
Long Canyon Basin			1,750,000
East Burnt Mtn. Basin			1,510,000
West Burnt Mtn. Basin			1,160,000
SUBTOTAL DETENTION FACILITIES:			***$9,950,000***
TOTAL FACILITIES COST:		***$97,042,000***	***$81,613,000***
10% Engineering & Design		9,704,200	8,161,300
15% Administration & Inspection		14,556,300	12,241,950
GRAND TOTAL FACILITIES COST:		**$121,302,500**	**$102,016,250**

YUCCA WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Yucca Wash: (Y01)** This is an existing graded earth flood control channel for the majority of its length. Significant changes are not proposed for the wash except for the most westerly reach, the wash would remain a soft bottom trapezoidal channel with grade stabilizers and side slope revetment. The most westerly reach between Deer Tr. and Apache Tr. will be a concrete lined channel with improved culverts at street crossings. Some of the soft bottom reaches would be enlarged to convey the 100-year peak flows with freeboard. All weather street crossings are proposed for SR62, Sage Ave and SR247. The proposed detention basins will reduce the peak flow rate and debris in the wash and the need for grade stabilizers will be required. Stabilization will be provided in several locations by existing street crossings of the wash flow line and through improved at-grade culver crossings.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	2,780,400	2,211,800
ROW/Property Acquisition	464,167	274,215
Construction	27,339,833	21,843,785
Administration/Inspection	4,170,600	3,317,700
Total	**34,755,000**	**27,647,500**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

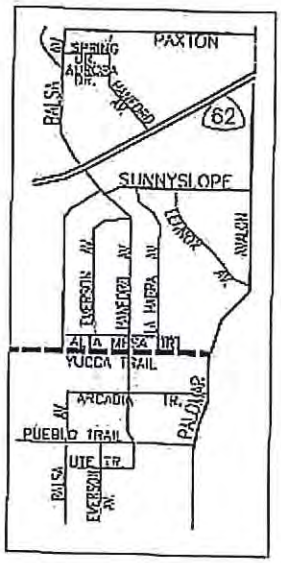


HANFORD AVENUE DRAIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Hanford Ave. Drain (Y01-01):** Soft bottom and rock lined channel with reinforced concrete box, fence and gates, street pavement and right-of way. Construct channel from Yucca Wash confluence U/S to Sunnyslope Dr. and construct Hanford Ave., and Balsa Ave. street improvements as needed.
Limits: *	Limits as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *	Non-Detained	Detained
Engineering & Design	301,100	301,100
ROW/Property Acquisition	70,218	70,218
Construction	2,940,782	2,940,782
Administration/Inspection	451,650	451,650
Total	**3,763,750**	**3,763,750**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

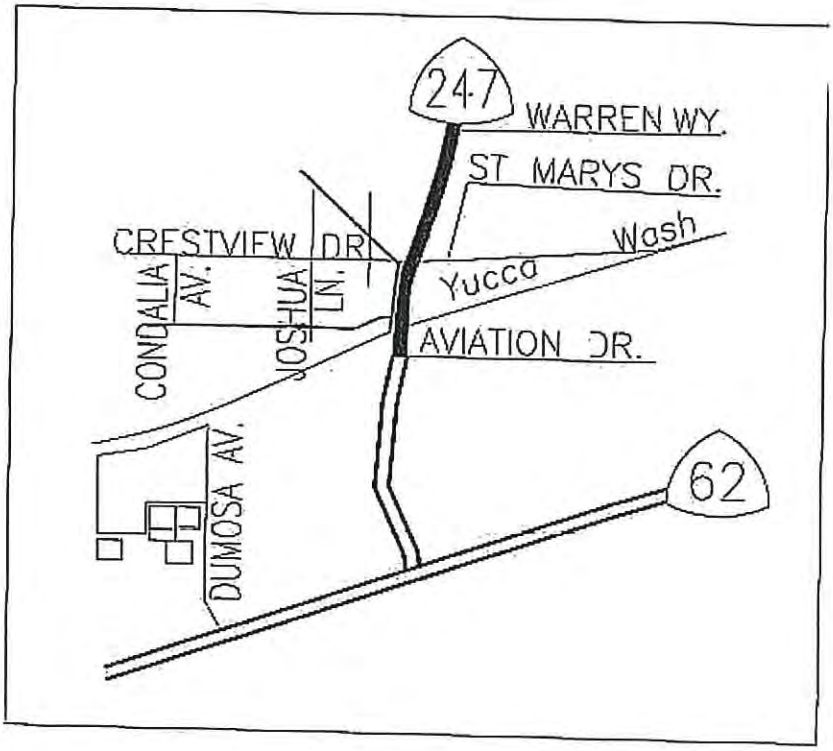


CRESTVIEW WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Crestview Wash (Y01-02):** Rock lined channel, fence and gates, and right-of-way.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	20,300	20,300
ROW/Property Acquisition	1,942	1,942
Construction	201,058	201,058
Administration/Inspection	30,450	30,450
Total	**253,750**	**253,750**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Telemer & Associates, Inc.*

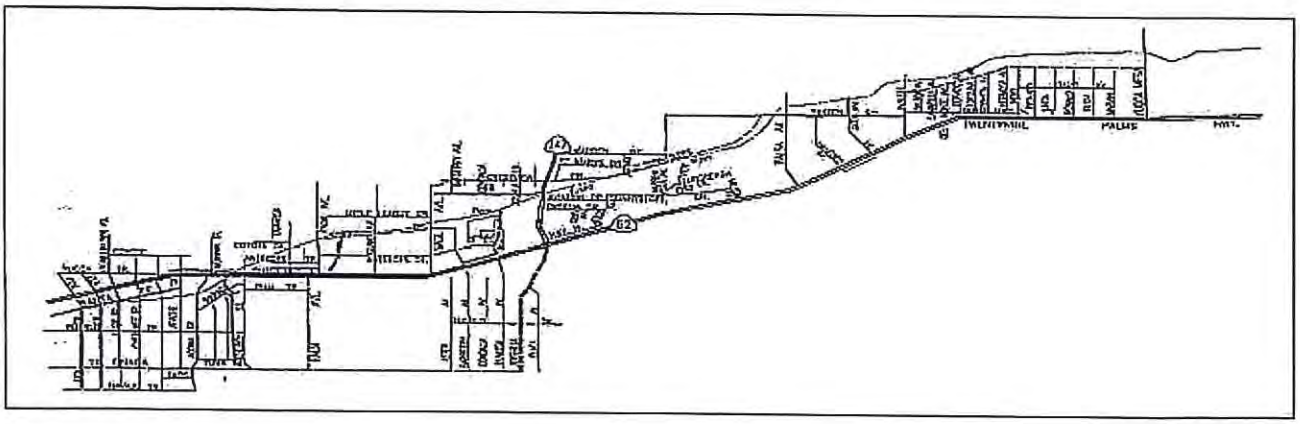


YUCCA WASH TRIBUTARIES

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Yucca Wash Tributaries (Local): Church Channel (Existing); Along Deer Trail; Along Elk Trail; Along Fox Trail; SR62 Drain; Paxton Road Drain; Grand Ave. Drain; Prescott Ave. Drain.** The area tributary to the Church Channel will be reduced as a result of the proposed Acoma Detention/Sediment Basin and Channel. The runoff from the local area will be carried in the existing soft bottom channel. Stabilization will be provided in several locations by existing street crossing of the wash flow line and through improved at-grade culvert crossings. Existing inverted street or soft bottom channel with reinforced concrete pipe, fence and gates, street pavement and right-of-way.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	60,800	60,800
ROW/Property Acquisition	64,189	64,189
Construction	543,811	543,811
Administration/Inspection	91,200	91,200
Total	**760,000**	**760,000**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

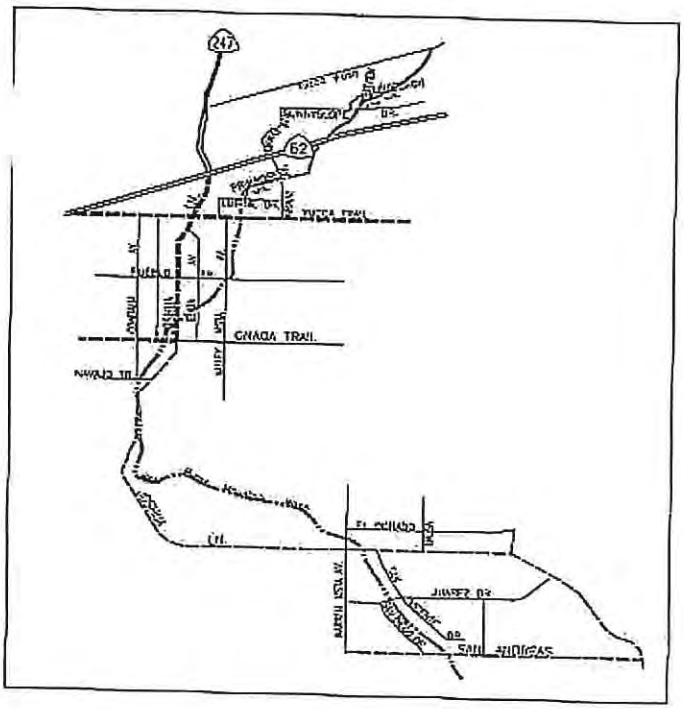


WEST BURNT MTN. WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**West Burnt Mtn. Wash (Y02):** The wash will consist of soft bottom and rock lined conveyances from its confluence with Yucca Wash to the detention basins. From the Yucca Wash confluence upstream to Sunnyslope Dr., a revetted soft bottom channel is recommended. From Sunnyslope Dr. to the West Burnt Mt. Detention Basin, a rock lined channel is recommended. Culvert crossings at SR62, Yucca Trail and Joshua Lane. From the basin upstream to just downstream of Warren Vista Ave., the drainage course will be floodplain managed. For the reach from Warren Vista Ave. upstream to San Andreas Rd., a rock revetted soft bottom channel and Floodplain management of the local drainage course upstream of San Andreas Rd.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	1,433,100	776,800
ROW/Property Acquisition	77,010	49,659.
Construction	14,253,990	7,718,341
Administration/Inspection	2,149,650	1,165,200
Total	**17,913,750**	**9,710,000**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

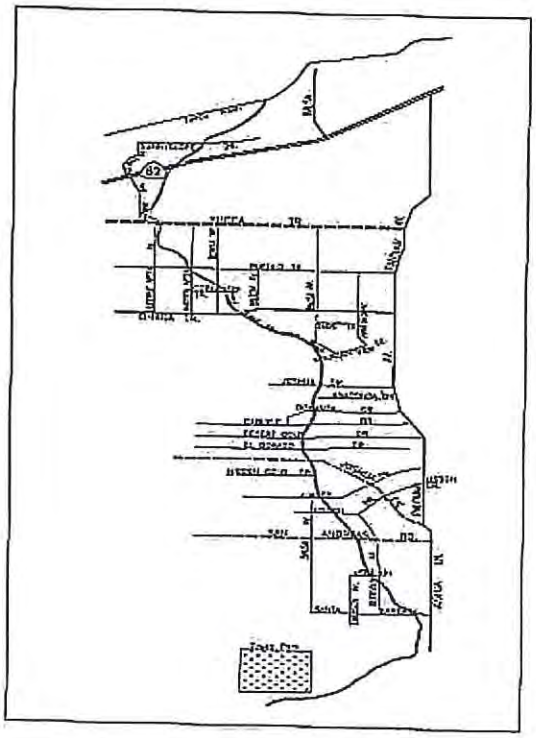


EAST BURNT MTN. WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**East Burnt Mtn. Wash (Y03):** The wash will consist of concrete box and rock lined channel facilities from its confluence with West Burnt Mtn. Wash to the detention basin. An underground concrete box is recommended in Lucerne Vista from the confluence to Onaga Tr. to convey the 100-year desilted detention basin outflow. From Onaga Tr,. upstream to the detention basin, and from the detention basin upstream to Joshua Dr., a rock lined channel is recommended. From Joshua Dr. upstream to San Andreas Rd. a rock revetted soft bottom channel is recommended. Upstream of San Andreas Rd., floodplain management of the drainage course is recommended.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	1,060,100	847,100
ROW/Property Acquisition	35,628	27,777
Construction	10,565,372	8,443,223
Administration/Inspection	1,590,150	1,270,650
Total	**13,251,250**	**10,588,750**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

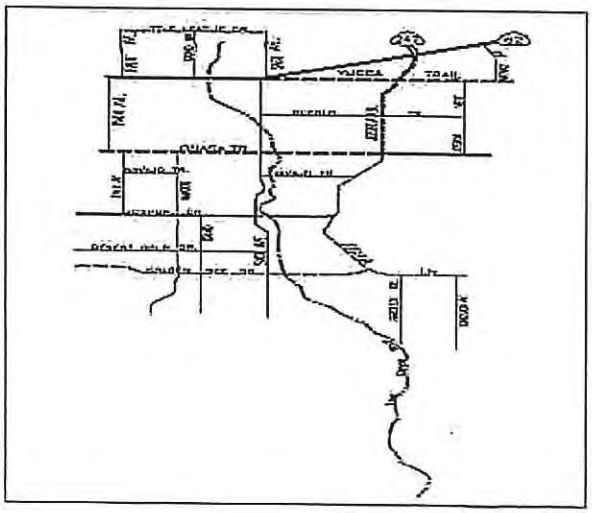


LONG CANYON CHANNEL

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Long Canyon Channel (Y07):** It is recommended the existing Long Canyon Detention Basin be enlarged to control the runoff from all of the upper Long Canyon area. Runoff from the portion of the tributary drainage area currently bypasses the basin to the west will be routed through the basin substantially reducing the flood peak downstream. All of the basin outflow will discharge into the Long Canyon Channel. From the existing basin upstream to Golden Bee, it is recommended Long Canyon be a rock lined channel. From this point upstream, it is recommended the drainage course be managed floodplain. A rock lined channel is also recommended for Long Canyon Channel between the basin and its confluence with High School Channel. Long Canyon Channel from its confluence with High School Channel to Yucca Wash is currently a concrete lined channel.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	624,200	458,000
ROW/Property Acquisition	176,403	135,254
Construction	6,065,597	4,444,746
Administration/Inspection	936,300	687,000
Total	7,802,500	5,725,000

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

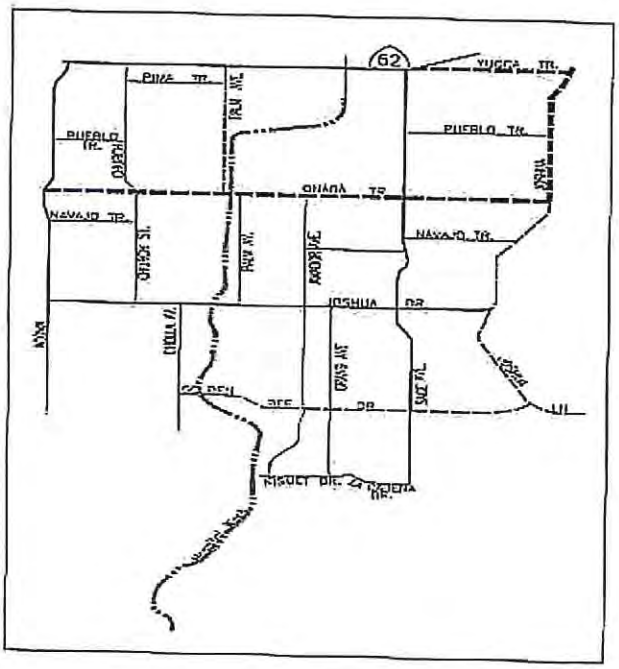


HOSPITAL CHANNEL

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Hospital Channel (Y09):** The Hospital Channel upstream of Onaga Trail is currently a soft bottom channel. Due to high velocity flows, it is recommended this channel be rock lined from its confluence with Long Canyon Channel upstream to Golden Bee Drive. From this point upstream it is recommended that the drainage course be a managed floodplain.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	598,500	539,400
ROW/Property Acquisition	83,641	68,832
Construction	5,901,359	5,325,168
Administration/Inspection	897,750	809,100
Total	7,481,250	6,742,500

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

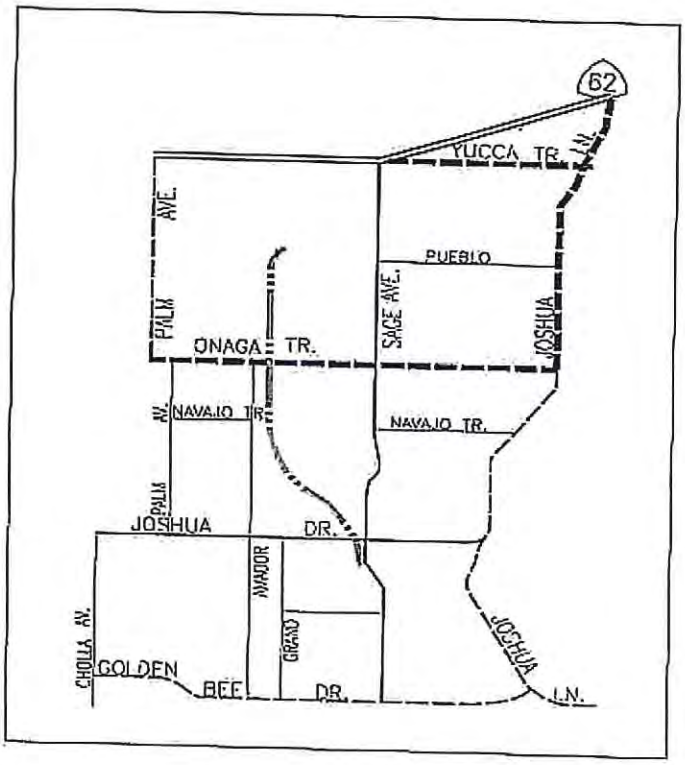


HIGH SCHOOL CHANNEL

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**High School Channel (Y09-01):** This channel is currently a soft bottom channel with improved culverts at selected street crossings. It is recommended the channel be rock lined from its confluence with Hospital channel upstream to Onaga Trail. From this point upstream, the facility will be a soft bottom channel.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	53,200	53,200
ROW/Property Acquisition	4,904	1,435
Construction	527,096	530,565
Administration/Inspection	79,800	79,800
Total	**665,000**	**665,000**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

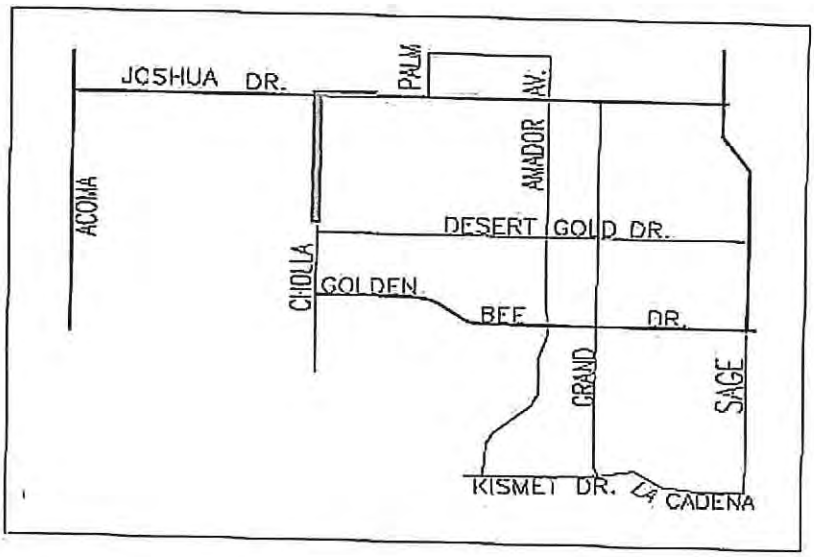


CHOLLA AVENUE DRAIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Cholla Avenue Drain (Local):** Soft bottom and rock lined channel with reinforced concrete box, fence and gates, street pavement and right-of-way.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	44,900	44,900
ROW/Property Acquisition	3,842	4,072
Construction	445,158	444,928
Administration/Inspection	67,350	67,350
Total	**561,250**	**561,250**

**REFERENCE: Town of Yucca Valley: Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

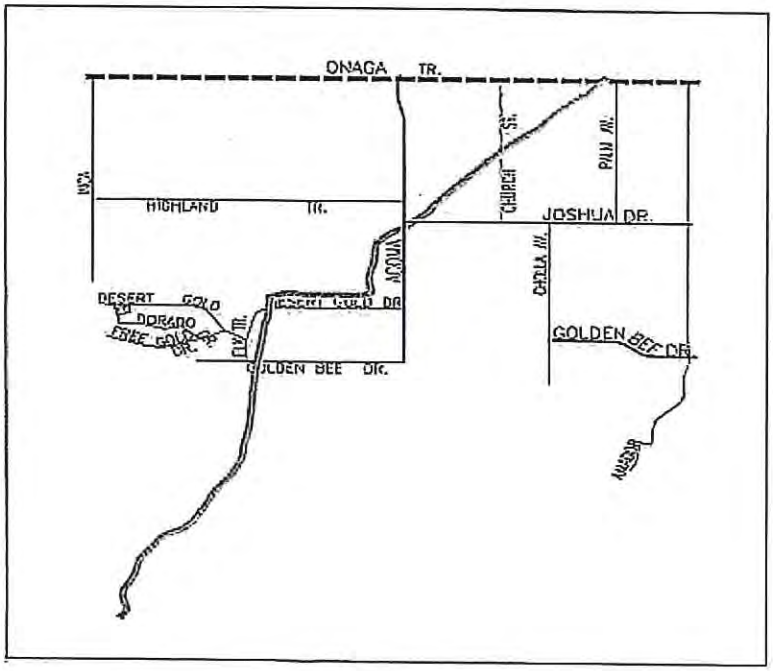


ACOMA CHANNEL

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Acoma Channel (Y10):** Acoma, Deer and a local tributary to Deer are channels tributary to the proposed Acoma Basin. They run adjacent to Elk Trail, Deer Trail and Acoma Trail. These channels have been excavated and are currently unlined. It is recommended these channels be rock revetted from Golden Bee northerly to Desert Gold Drive. Upstream of Golden Bee it is recommended these drainage courses be managed floodplains.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	351,400	129,900
ROW/Property Acquisition	31,197	12,883
Construction	3,482,803	1,286,117
Administration/Inspection	527,100	194,850
Total	**4,392,500**	**1,623,750**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

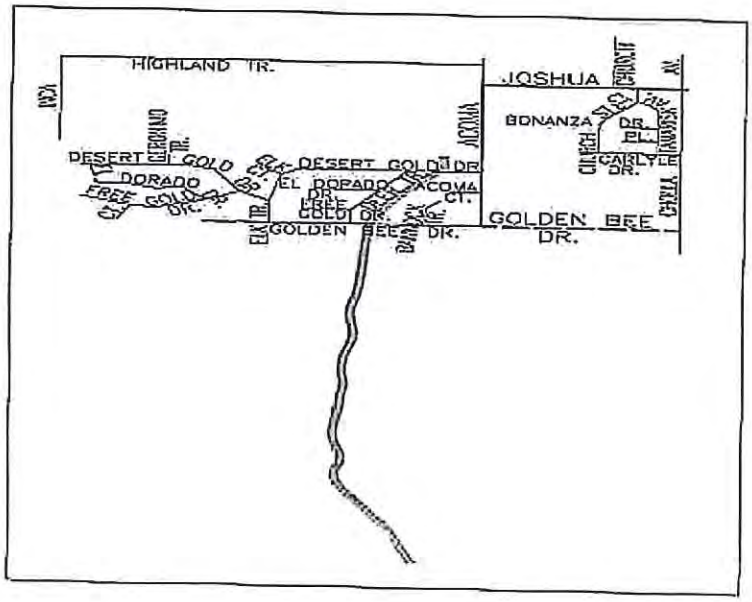


DEER TRAIL CHANNEL

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Deer Trail Channel (Y11):** Deer, Acoma and a local tributary to Deer are channels tributary to the proposed Acoma Basin. They run adjacent to Elk Trail, Deer Trail and Acoma Trail. These channels have been excavated and are currently unlined. It is recommended these channels be rock revetted from Golden Bee northerly to Desert Gold Drive. Upstream of Golden Bee it is recommended these drainage courses be managed floodplains.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	68,000	68,000
ROW/Property Acquisition	50	50
Construction	679,950	679,950
Administration/Inspection	102,000	102,000
Total	**850,000**	**850,000**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

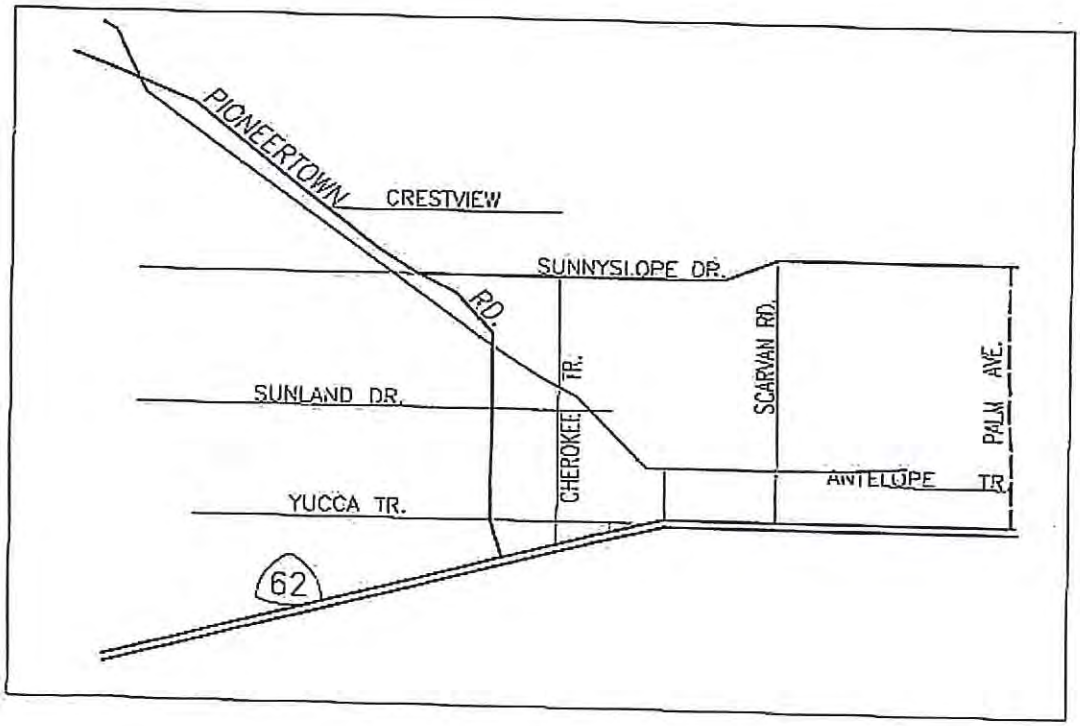


WATER CANYON CHANNEL

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Water Canyon Channel (Y12):** The Water Canyon Channel will carry flows from Water Canyon to Yucca Wash. Water Canyon is one of the largest tributaries to Yucca Wash. A detention/debris basin at the mouth of Water Canyon just outside of the Town limits is recommended. This basin will substantially reduce the peak flows from Water Canyon. The channel will be a revetted soft bottom from a distance of approximately 3000 feet downstream of the basin. From this point downstream, the channel will be rock lined.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	896,300	447,900
ROW/Property Acquisition	156,148	107,938
Construction	8,806,852	4,371,062
Administration/Inspection	1,344,450	671,850
Total	**11,203,750**	**5,598,750**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Telemer & Associates, Inc.*

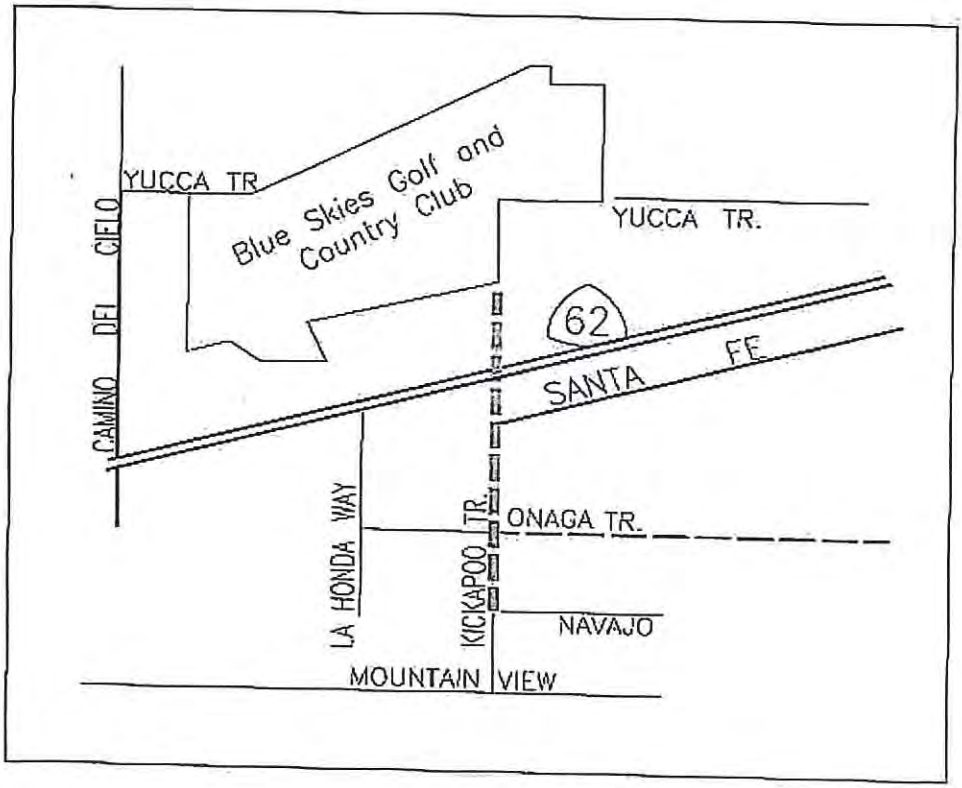


KICKAPOO DRAIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Kickapoo Drain (K01):** The Kickapoo Drain will carry the runoff that currently flows in and adjacent to Kickapoo Trail. A detention/debris basin is recommended at the inlet to the drain to reduce the peak flow rate and remove the debris. The Kickapoo Storm Drain will confluence with the La Honda Drain and carry the flow under SR62 and discharge near the Blue Skies Country Club. These facilities along with the La Honda Drain will reduce the flooding of SR62 and protect the development near the Blue Skies Country Club.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	273,400	68,600
ROW/Property Acquisition	3,698	2,083
Construction	2,730,302	683,917
Administration/Inspection	410,100	102,900
Total	**3,417,500**	**857,500**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

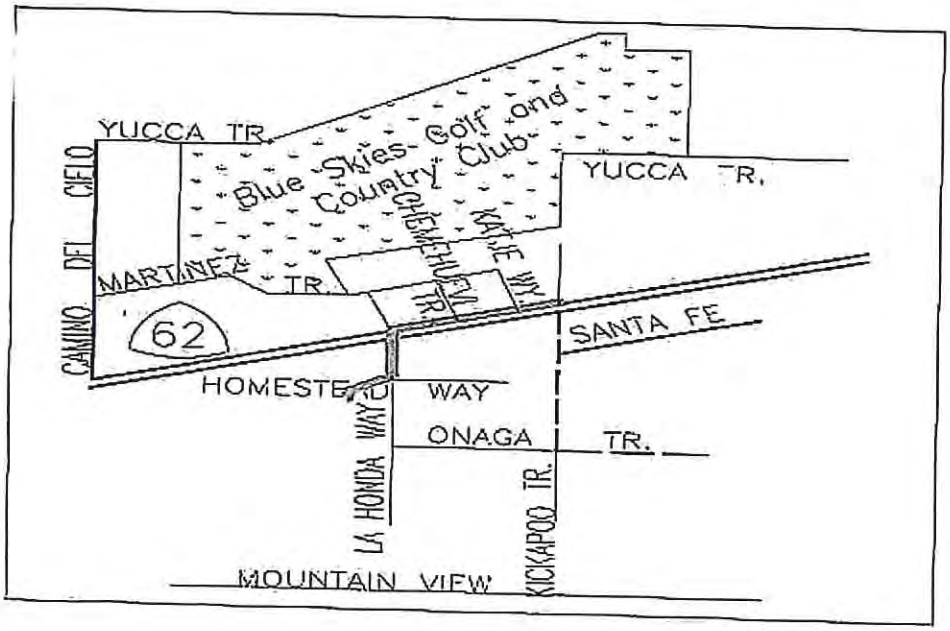


LA HONDA DRAIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**La Honda Drain: (K01-01):** The La Honda Drain is one of few underground storm drains recommended in the Master Plan. This drain will have a debris control inlet to prevent it from becoming obstructed with debris. The La Honda Drain will reduce flooding of SR62 on the west end of the Town and provide flood protection for development near the Blue Skies Country Club. This drain will confluence with the Kickapoo Drain and discharge near the Blue Skies Country Club
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*'	Non-Detained	Detained
Engineering & Design	24,700	24,700
ROW/Property Acquisition	90,314	90,314
Construction	156,686	156,686
Administration/Inspection	37,050	37,050
Total	**308,750**	**308,750**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

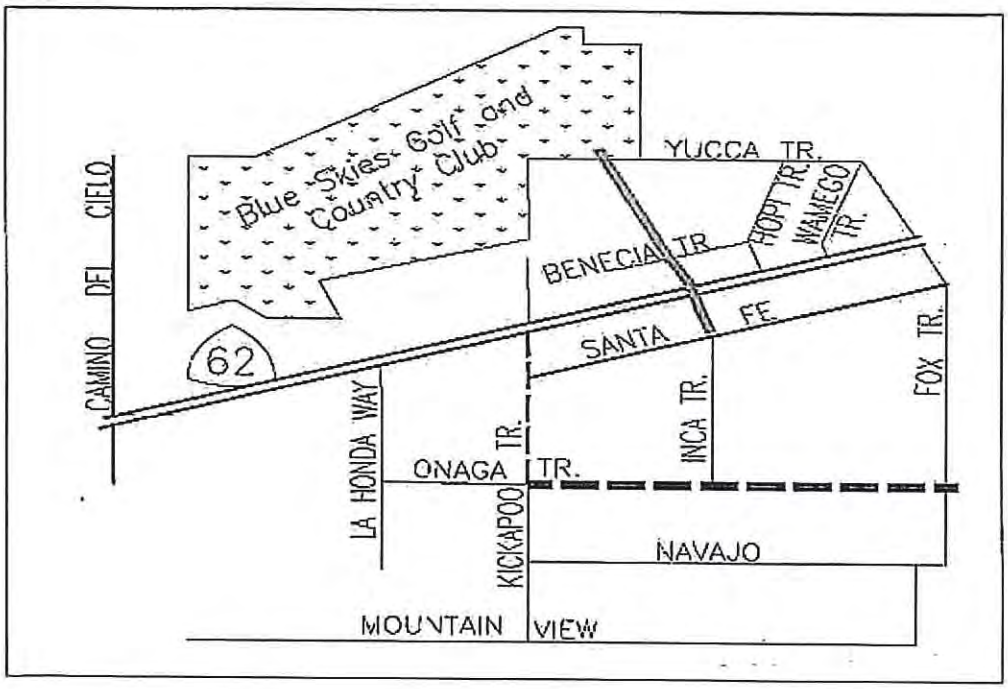


INCA TRAIL WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Inca Trail Wash: (K01-03):** The Inca Storm Drain will carry the flows from the west end of Santa Fe trail under SR62. The slope on this drain will be hydraulically steep so any debris does not settle out in Santa Fe Trail before entering the storm drain. This Storm drain provides additional flood protection to SR62 and properties adjacent to Inca Trail and Benecia Trail near the Blue Skies Country Club.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	63,200	63,200
ROW/Property Acquisition	14,148	14,148
Construction	617,852	617,852
Administration/Inspection	94,800	94,800
Total	**790,000**	**790,000**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

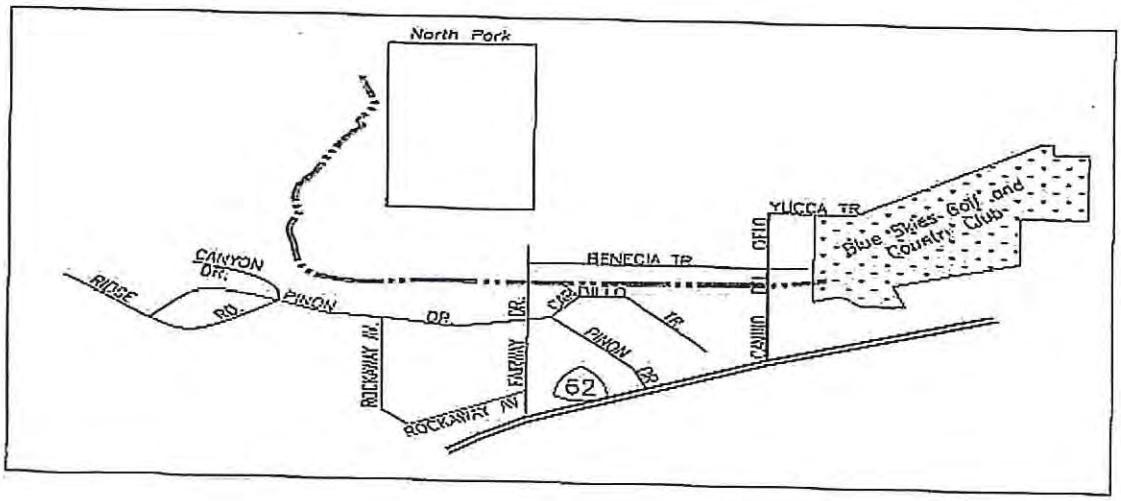


PINON CREEK

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Pinon Creek (P01):** Pinon Creek is an existing graded earth flood control channel. The channel is very steep and debris is effectively transported to an area adjacent to the Blue Skies Country Club. Debris movement in Pinon Creek has minimized streambed scour and the at-grade street crossings appear to be helping to control headcut. There is, however, evidence of lateral erosion along the banks of Pinon Creek in a few locations. The channel banks will be repaired where they have eroded and they will be revetted to prevent future erosion. Grade stabilization will be provided through improved culvert crossings and an additional intermediate stabilizer structure.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	203,100	203,100
ROW/Property Acquisition	9,197	9,197
Construction	2,021,803	2,021,803
Administration/Inspection	304,650	304,650
Total	**2,538,750**	**2,538,750**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

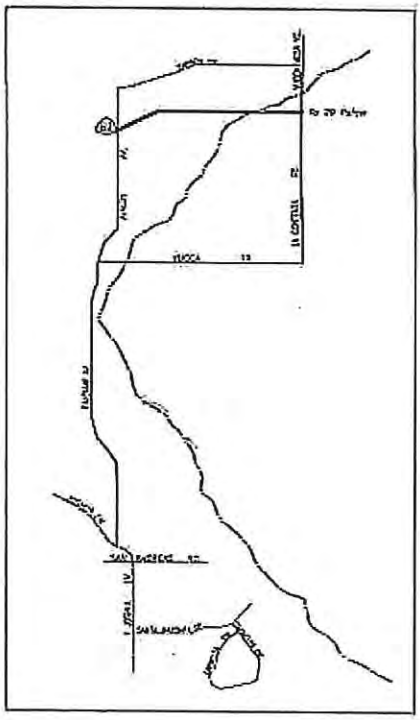


COVINGTON WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Covington Wash (C01):** Covington Wash and its tributaries, Black Rock Wash and Carmelita Wash are proposed to be maintained as managed floodplains with the exception of the reach from SR62 to La Contenta Road. Within this reach a rock revetted soft bottom channel is recommended. A rock lined levee inlet structure is recommended just upstream of SR62 to collect 100 peak flows and direct them into a culvert crossing under SR62. A rock lined levee is also recommended for a short reach on the west side of Covington Wash upstream of Avalon Ave. and Arcadia Trail. This levee will protect against flow breakout during severe flood events.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	288,500	288,500
ROW/Property Acquisition	18,296	18,296
Construction	2,866,704	2,866,704
Administration/Inspection	432,750	432,750
Total	**3,606,250**	**3,606,250**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

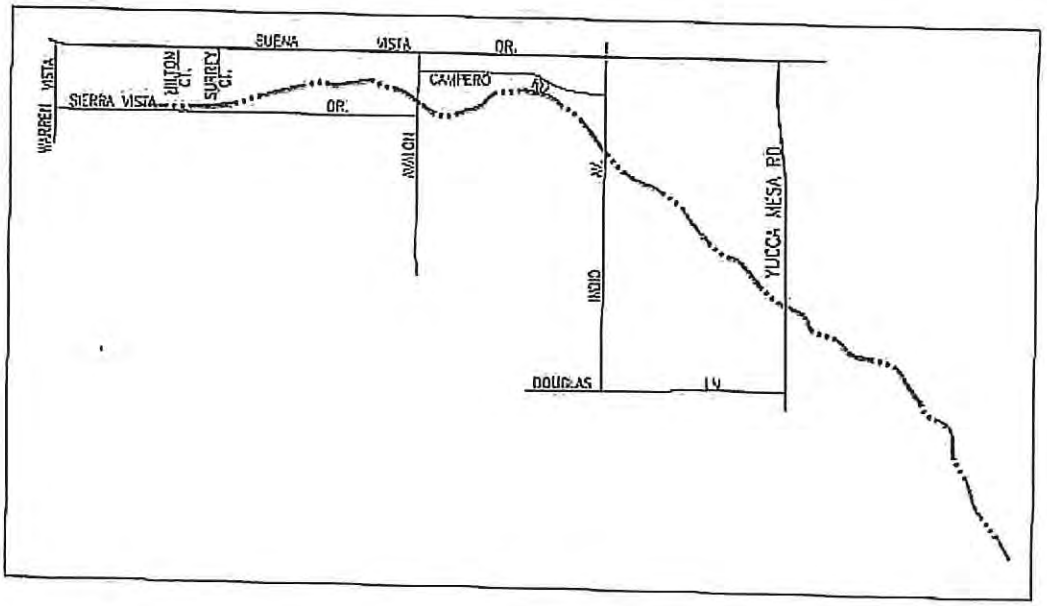


SIERRA VISTA WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Sierra Vista Wash (V01):** It is recommended Sierra Vista Wash be maintained as managed floodplains except for approximately an 800-foot reach of rock revetted soft bottom channel and approximately a 250-foot reach of a soft bottom channel. These reaches of channel are in the vicinity of the Sierra Vista Wash, Chipmunk Wash and Hillcrest Wash confluences.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	40,100	40,100
ROW/Property Acquisition	5,153	5,153
Construction	395,847	395,847
Administration/Inspection	60,150	60,150
Total	501,250	501,250

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

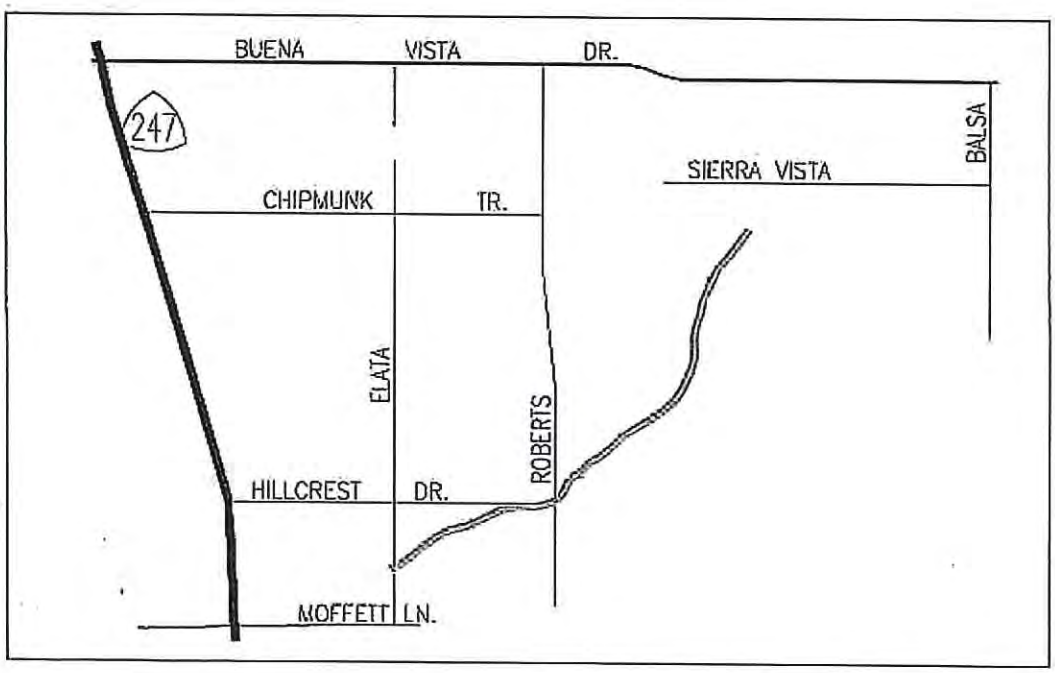


HILLCREST WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Hillcrest Wash (V01-03):** It is recommended Hillcrest Wash be maintained as a managed floodplain. Soft bottom channel, right-of-way and fence and gate.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	1,400	1,400
ROW/Property Acquisition	988	988
Construction	13,012	13,012
Administration/Inspection	2,100	2,100
Total	17,500	17,500

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

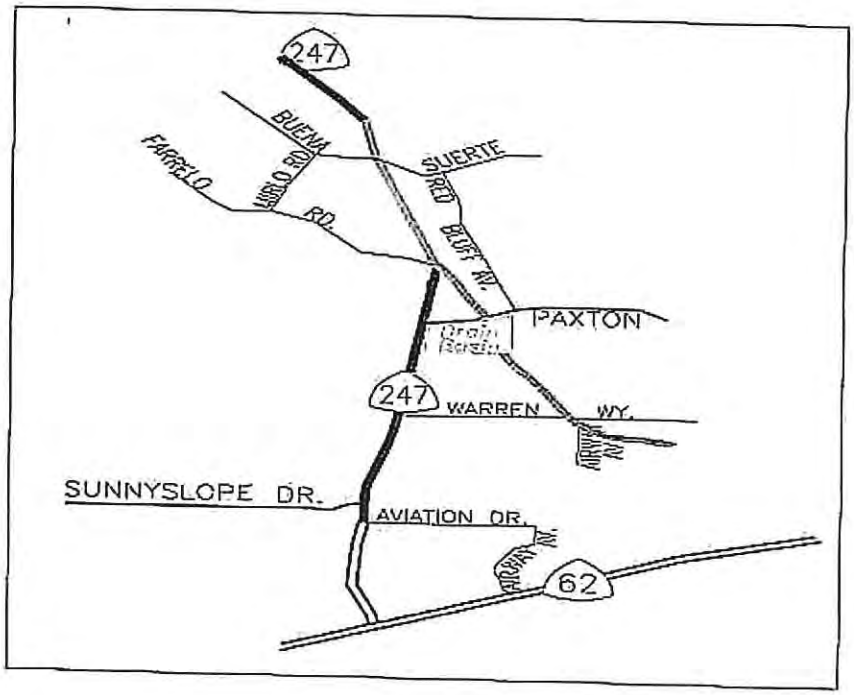


OWS CHANNEL

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**OWS Channel (Y04):** The existing OWS Springs Debris Basin has a rock lined inlet channel. Tributary to this inlet channel are two main washes, San Rafael Wash/OWS Wash and Farello Wash. It is recommended the upstream portion of San Rafael Wash/OWS Wash adjacent to OWS Road be a rock lined channel. The rock lined channel continues within reach until the drainage course heads north westerly away from OWS Road. From this point to approximately 1000 feet upstream, a rock revetted soft bottom channel is recommended. The drainage course upstream of this point is to be floodplain managed. The culvert under OWS Road will be enlarged to carry the 100-year peak flow.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cos: Estimate*	Non-Detained	Detained
Engineering & Design	325,200	325,200
ROW/Property Acquisition	21,461	21,461
Construction	3,230,539	3,230,539
Administration/Inspection	487,800	487,800
Total	**4,065,000**	**4,065,000**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

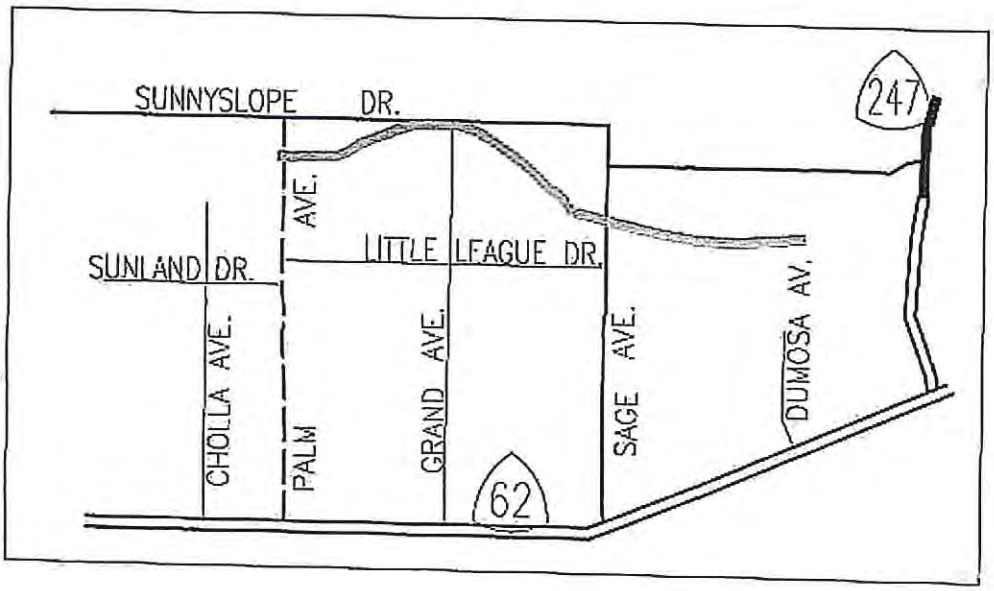


BUENA VISTA WASH

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Buena Vista Wash (Y05):** Buena Vista Wash will consist of soft bottom channel and street flow conveyances from the Yucca Wash confluence of Palm Ave. From Palm Ave. upstream, a soft bottom channel and street flow conveyances are recommended. This wash will confluence with Sage Channel prior to discharging into Yucca Wash.
Limits: *	Limits are as indicated.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	Non-Detained	Detained
Engineering & Design	192,300	192,300
ROW/Property Acquisition	50,451	50,451
Construction	1,872,549	1,872,549
Administration/Inspection	288,450	288,450
Total	**2,403,750**	**2,403,750**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

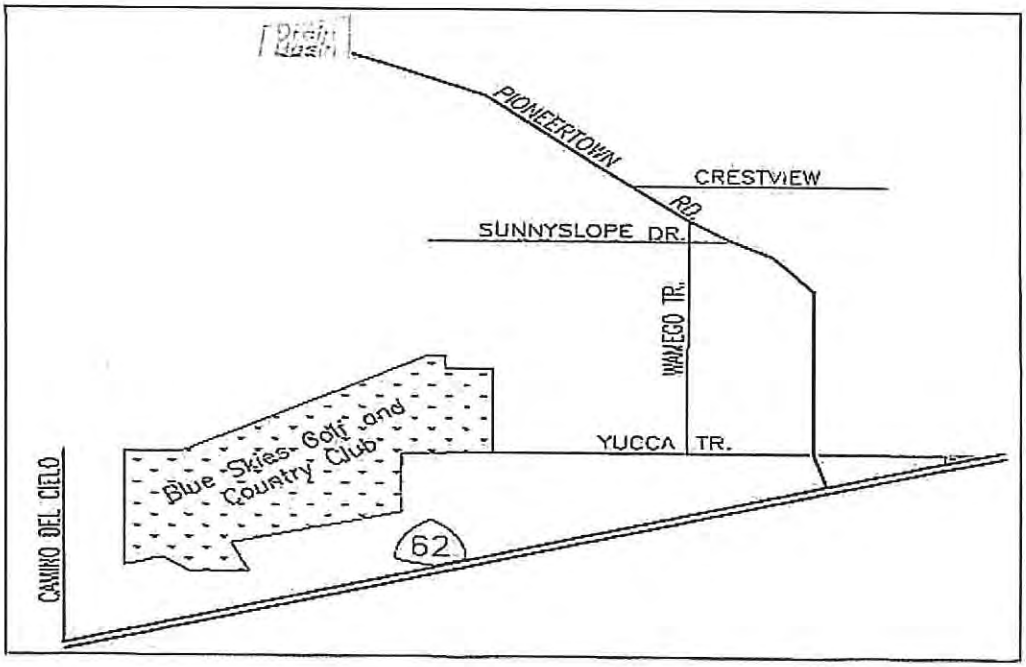


WATER CANYON BASIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Water Canyon Basin:** Five new detention and/or debris basins are included in the recommended MPD. The purpose of these basins is to reduce peak 100-year peak inflows and manage sediment. The basins allow the use of smaller drainage facilities downstream because of reduced flow rates and the elimination of the need to apply debris bulking factors. Physical and hydrologic characteristics are: Tributary area-3.4 miles; storage capacity-438 acre-feet; debris capacity-126,000 cubic yards; peak inflow-6398 cfs; peak outflow-1419 cfs; percent peak reduction-77; basin footprint-35 acres; embankment height-38 feet.
Limits: *	The Water Canyon Basin is located approximately 1.3 miles north of SR62 adjacent to Pioneertown Road. The basin is located on the northeasterly side of Pioneertown Road.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	
Engineering & Design	375,000
ROW/Property Acquisition	Incl. in const cost
Construction	3,750,000
Administration/Inspection	562,500
Total	**4,687,500**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

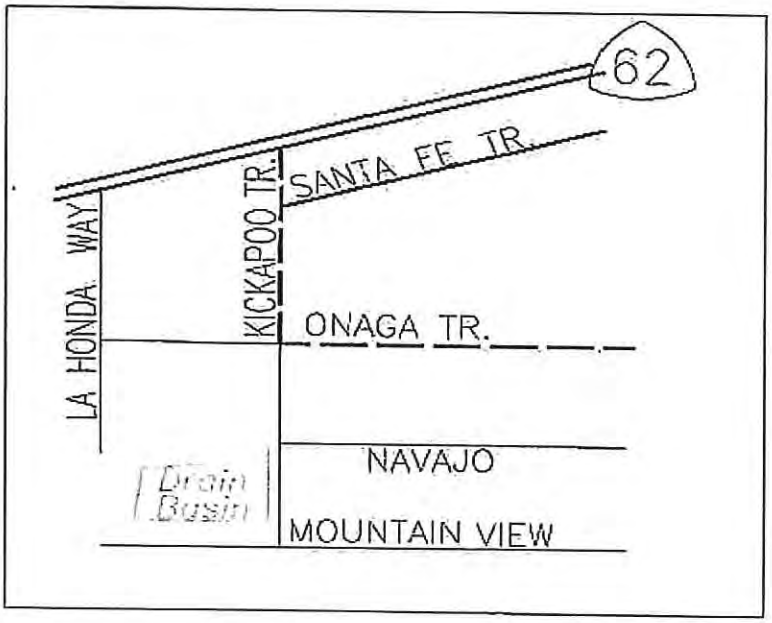


KICKAPOO BASIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Kickapoo Basin:** Five new detention and/or debris basins are included in the recommended MPD. The purpose of these basins is to reduce peak 100-year peak inflows and manage sediment. The basins allow the use of smaller drainage facilities downstream because of reduced flow rates and the elimination of the need to apply debris bulking factors. Physical and hydrologic characteristics are: Tributary area-0.8 miles; storage capacity-32 acre-feet; debris capacity-26,500 cubic yards; peak inflow-1178 cfs; peak outflow-290 cfs; percent peak reduction-75; basin footprint-8 acres; embankment height-22 feet.
Limits: *	The Kickapoo Basin is located approximately one half mile south of SR62 on the west side of Kickapoo Trail between Navajo Trail and Mountain View.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	
Engineering & Design	64,000
ROW/Property Acquisition	Incl. in const cost
Construction	640,000
Administration/Inspection	96,000
Total	**800,000**

**REFERENCE: Town of Yucca Valley: Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

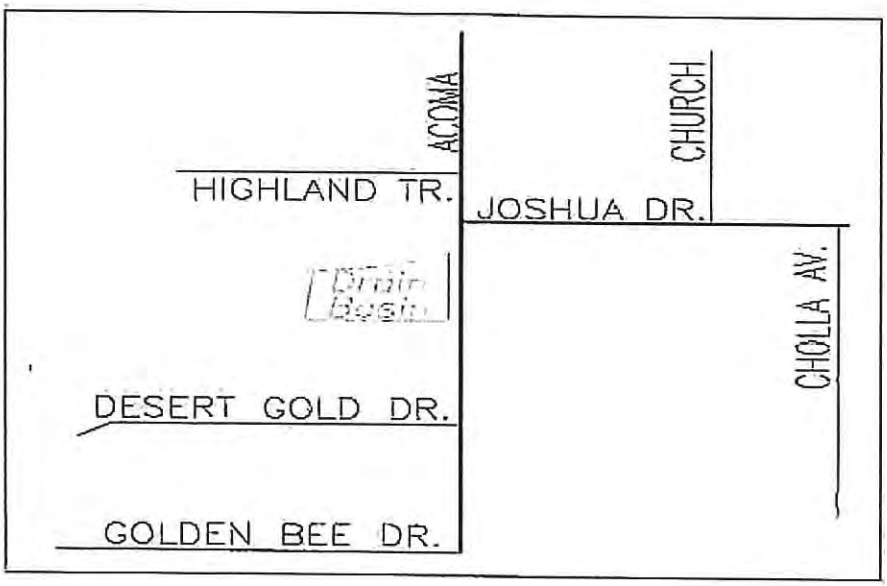


ACOMA BASIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Acoma Basin:** Five new detention and/or debris basins are included in the recommended MPD. The purpose of these basins is to reduce peak 100-year peak inflows and manage sediment. The basins allow the use of smaller drainage facilities downstream because of reduced flow rates and the elimination of the need to apply debris bulking factors. Physical and hydrologic characteristics are: Tributary area-1.9 miles; storage capacity-90 acre-feet; debris capacity-57,000 cubic yards; peak inflow-2744 cfs; peak outflow-596 cfs; percent peak reduction-78; basin footprint-10 acres; embankment height-41 feet.
Limits: *	The Acoma Basin is located approximately one mile south of SR62 immediately west of Acoma Trail between Highland Trail and Desert Gold.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	
Engineering & Design	114,000
ROW/Property Acquisition	Incl. in const cost
Construction	1,140,000
Administration/Inspection	171,000
Total	**1,425,000**

**REFERENCE: Town of Yucca Valley: Master Plan of Drainage: Dated June 1999; Prepared by John M Telemer & Associates, Inc.*

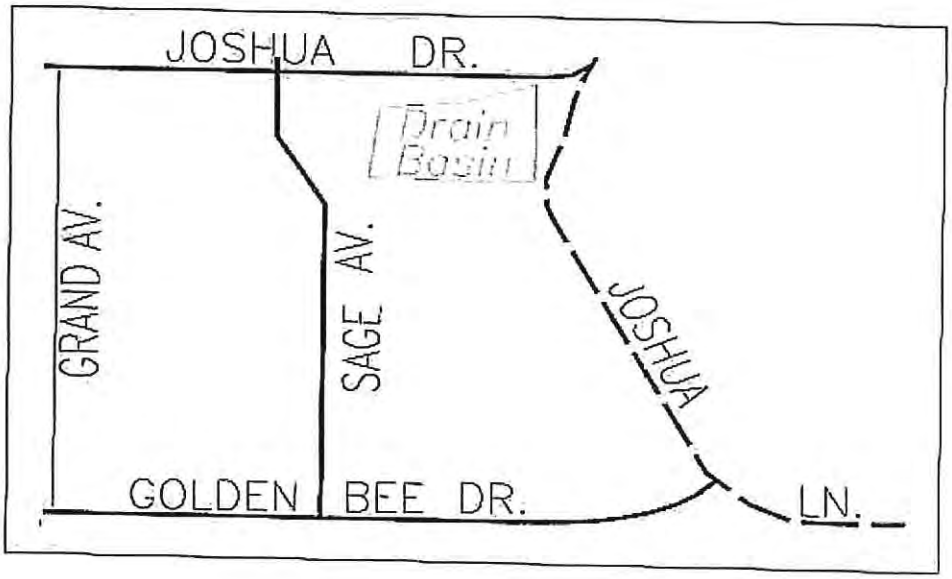


LONG CANYON BASIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**Long Canyon Basin:** The intent is to expand the existing Long Canyon Basin easterly, westerly and southerly to achieve the required capacity. The purpose of these basins is to reduce peak 100-year peak inflows and manage sediment. The basins allow the use of smaller drainage facilities downstream because of reduced flow rates and the elimination of the need to apply debris bulking factors. Physical and hydrologic characteristics of the expansion are: Tributary area-3.4 miles; storage capacity-130 acre-feet; debris capacity-108,000 cubic yards; peak inflow-4846 cfs; peak outflow-1462 cfs; percent peak reduction-70; basin footprint-15 acres; embankment height-26 feet.
Limits: *	The Long Canyon Basin is located approximately one mile south of SR62 immediately south of Joshua Drive between Joshua Lane and Sage Ave.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	
Engineering & Design	175,000
ROW/Property Acquisition	Incl. in const cost
Construction	1,750,000
Administration/Inspection	262,500
Total	**2,187,500**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

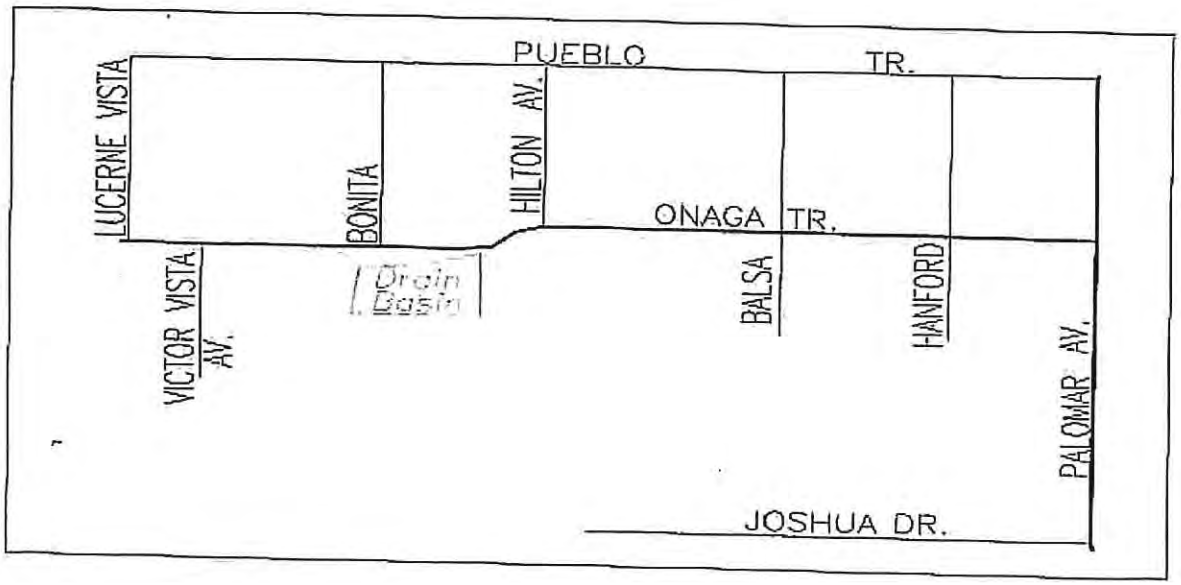


EAST BURNT MTN. BASIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**East Burnt Mtn. Basin:** Five new detention and/or debris basins are included in the recommended MPD. The purpose of these basins is to reduce peak 100-year peak inflows and manage sediment. The basins allow the use of smaller drainage facilities downstream because of reduced flow rates and the elimination of the need to apply debris bulking factors. Physical and hydrologic characteristics are: Tributary area-1.9 miles; storage capacity-194 acre-feet; debris capacity-39,000 cubic yards; peak inflow-1919 cfs; peak outflow-238 cfs; percent peak reduction-88; basin footprint-20 acres; embankment height-32 feet.
Limits: *	The East Burnt Mtn. Basin is located approximately 3,000 feet south of Yucca Trail immediately adjacent to and south of Onaga Trail between Warren Vista and Hilton Ave.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	
Engineering & Design	151,000
ROW/Property Acquisition	Incl. in const cost
Construction	1,510,000
Administration/Inspection	226,500
Total	**1,887,500**

**REFERENCE: Town of Yucca Valley: Master Plan of Drainage: Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

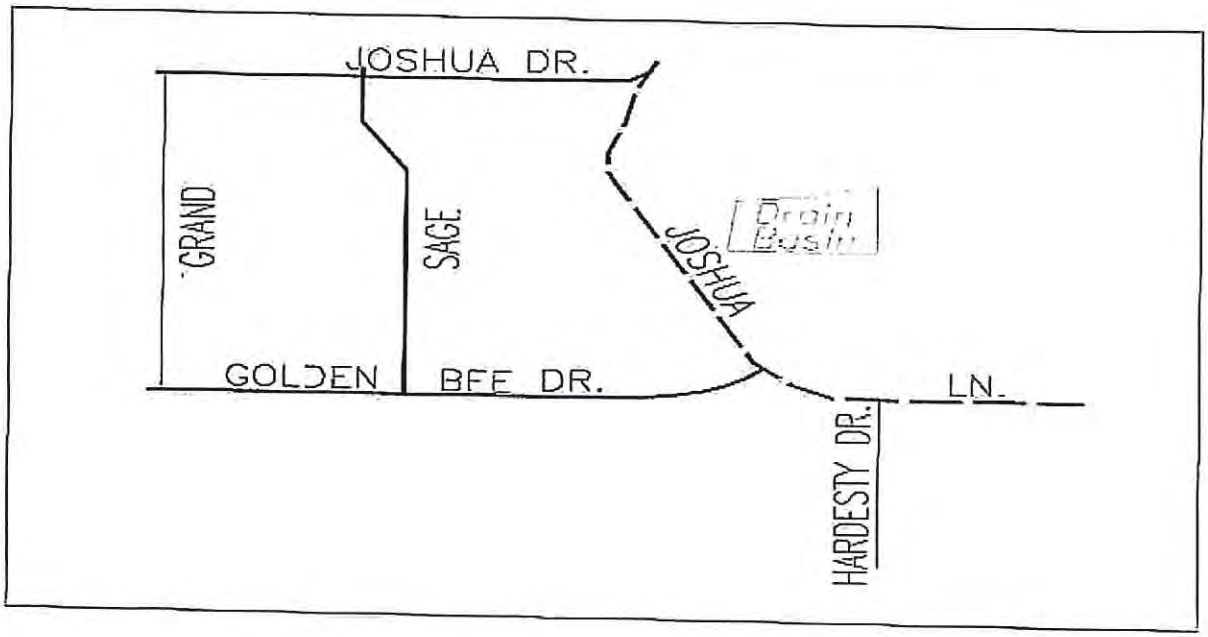


WEST BURNT MTN. BASIN

Project No.	N/A
Category:	**Drainage Facilities**
Description: *	**West Burnt Mtn. Basin:** Five new detention and/or debris basins are included in the recommended MPD. The purpose of these basins is to reduce peak 100-year peak inflows and manage sediment. The basins allow the use of smaller drainage facilities downstream because of reduced flow rates and the elimination of the need to apply debris bulking factors. Physical and hydrologic characteristics are: Tributary area-1.7 miles; storage capacity-96 acre-feet; debris capacity-50,000 cubic yards; peak inflow-2309 cfs; peak outflow-284 cfs; percent peak reduction-88; basin footprint-20 acres; embankment height-23 feet.
Limits: *	The West Burnt Mtn. Basin is located approximately 1.3 miles south of SR62 immediately east of Joshua Lane..
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate*	
Engineering & Design	116,000
ROW/Property Acquisition	Incl. in const cost
Construction	1,160,000
Administration/Inspection	174,000
Total	**1,450,000**

**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*



UNFUNDED PROJECTS OF THE 5-YEAR CAPITAL IMPROVEMENT PROGRAM PURSUANT TO ADOPTION OF PUBLIC FACILITIES MASTER PLAN STUDY

PUBLIC FACILITIES
UNFUNDED PROJECTS

Town Hall Facility	11,358,837
Public Safety Facility	13,745,818
Public Work Facility	6,197,588
Senior Center Facility	8,049,850
Fire Stations (4)	17,041,540
Police Stations (2)	1,160,264
TOTAL:	**$57,553,897**

TOWN HALL FACILITY

Project No.	N/A
Category:	**Public Facilities**
Description: *	**Town Hall Facility:** Metal stud structure system with a combination of different materials for cladding. Design and Construction options are as indicated.
Limits: *	Site selections based on the functional needs of the facility; options are as indicated
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Properly Acquisition	
Construction	
Administration/Inspection	
Total	**11,358,837**

**REFERENCE: Town of Yucca Valley Public Facilities Master Plan Study; Dated December 5, 2007; Prepared by G & A*

PUBLIC SAFETY FACILITY

Project No.	N/A
Category:	**Public Facilities**
Description: *	**Public Safety Facility:** Police Station and Fire Administration offices are essential facilities; therefore, the cost effective way of obtaining the 2 hour fire resistance required is using concrete masonry block. Design & Construction option are as indicated.
Limits: *	Site selections based on the functional needs of the facility; options are as indicated
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**13,745,818**

**REFERENCE: Town of Yucca Valley Public Facilities Master Plan Study; Dated December 5, 2007; Prepared by G & A*

PUBLIC WORKS FACILITY

Project No.	N/A
Category:	**Public Facilities**
Description: *	**Public Works Facility:** Metal stud structure system for the office building and concrete tilt up construction for the garages. Design and Construction options are as indicted.
Limits: *	Site selections based on the functional needs of the facility; options are as indicated
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *	
PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**6,197,588**

**REFERENCE: Town of Yucca Valley Public Facilities Master Plan Study; Dated December 5, 2007; Prepared by G & A*

SENIOR CENTER FACILITY

Project No.	N/A
Category:	**Public Facilities**
Description: *	**Senior Center Facility:** Metal stud structure system with combination of different materials for cladding, truss joist for the roof to allow for long span at the dining hall and creating a flexible space that can be used for multiple functions. Design and Construction options are as indicated.
Limits: *	Site options as indicated
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**8,049,850**

**REFERENCE: Town of Yucca Valley Public Facilities Master Plan Study; Dated December 5, 2007; Prepared by G & A*

FIRE STATIONS

Project No.	N/A
Category:	**Public Facilities**
Description: *	**Four Fire Stations:** Concrete masonry unit block system in order to obtain the 2 hour fire resistance required for the facilities. Design and Construction are as indicated.
Limits: *	Site selections based on the functional needs of the facilities; options are as indicated
Status:	**Unfunded**
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**17,041,540**

**REFERENCE: Town of Yucca Valley Public Facilities Master Plan Study; Dated December 5, 2007; Prepared by G & A*

POLICE SUBSTATIONS

Project No.	N/A
Category:	**Public Facilities**
Description: *	**Two Police Substations:** Prefabricated trailer offices located on opposite sides of Town; one on the north side and one on the south side. Design and Construction are as indicated.
Limits: *	Site selections based on the functional needs of the facilities; options are as indicated
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**1,160,264**

**REFERENCE: Town of Yucca Valley Public Facilities Master Plan Study; Dated December 5, 2007; Prepared by G & A*

UNFUNDED PROJECTS OF THE 5-YEAR CAPITAL IMPROVEMENT PROGRAM PURSUANT TO ADOPTION OF PARKS & RECREATION MASTER PLAN UPDATE

PARKS & RECREATIONAL FACILITIES
UNFUNDED PROJECTS

Multigenerational Community Center Complex	20,080,000
Performing Arts Facility	8,400,000
Yucca Valley Events Showground & Equestrian Center	60,000,000
New Boys & Girls Club	15,325,000
East End Community Sports Park in Coordination with La Contenta Middle School	3,500,000
Aquatics Center Complex in Coordination with Improvements to Sunnyslope Park	8,600,000
Trail Head & Self-Guided Nature Trail at North Park & South Park	1,000,000
Yucca Mesa Community Park	18,000,000
Old Town Specific Plan Cultural Corridor	22,500,000
TOTAL:	**$ 157,405,000**

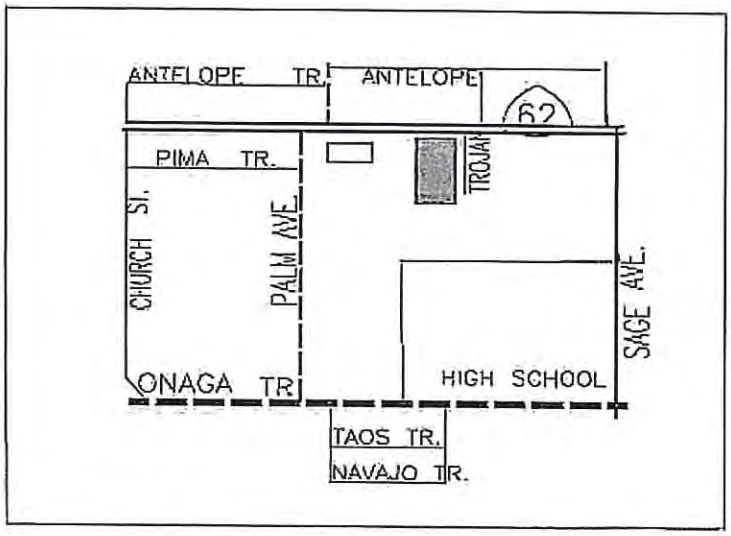
MULTIGENERATIONAL COMMUNITY CENTER COMPLEX

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	16,000 square foot Community Center/Gymnasium containing a large multi-purpose room with a stage and kitchen, a multi-purpose gymnasium, class rooms, craft center, meeting rooms and administrative offices. 12,000 square foot Senior Center with large multi-purpose room and kitchen, class rooms, game room, fitness/exercise room, counseling offices, card room, Lounge and gift shop. 10,000 square foot Teen Center with multi-purpose recreation/game room, computer room, band practice room, study hall, malt shop or food concession and a theater room.
Limits:	Property between the California Welcome Center & Yucca Valley High School
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	3,900,000
Construction	11,400,000
Administration/Inspection	
Total	**20,080,000**

**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008, Prepared By: MIG*



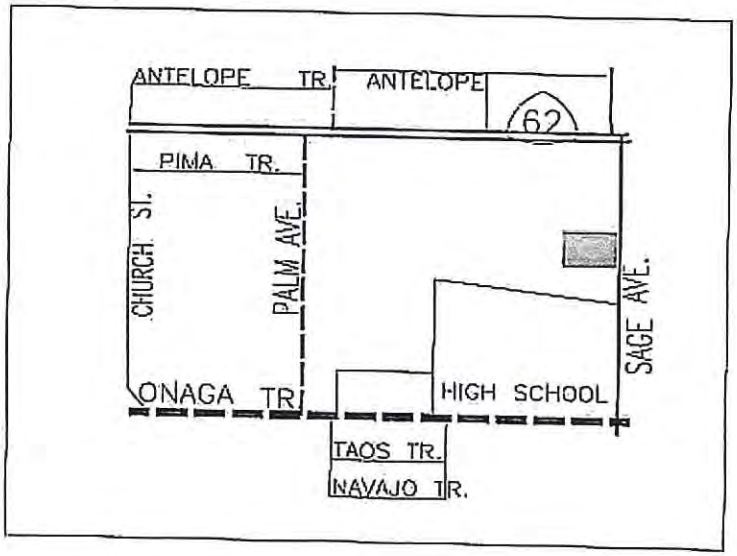
PERFORMING ARTS FACILITY

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	An auditorium/performing arts center designed with a lower level and upper level, total capacity of 700 seats, rehearsal and storage space, administrative office, meeting room, lobby/reception and restrooms.
Limits:	Adjacent to Yucca Valley High School
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**8,400,000**

**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008, Prepared By: MIG*

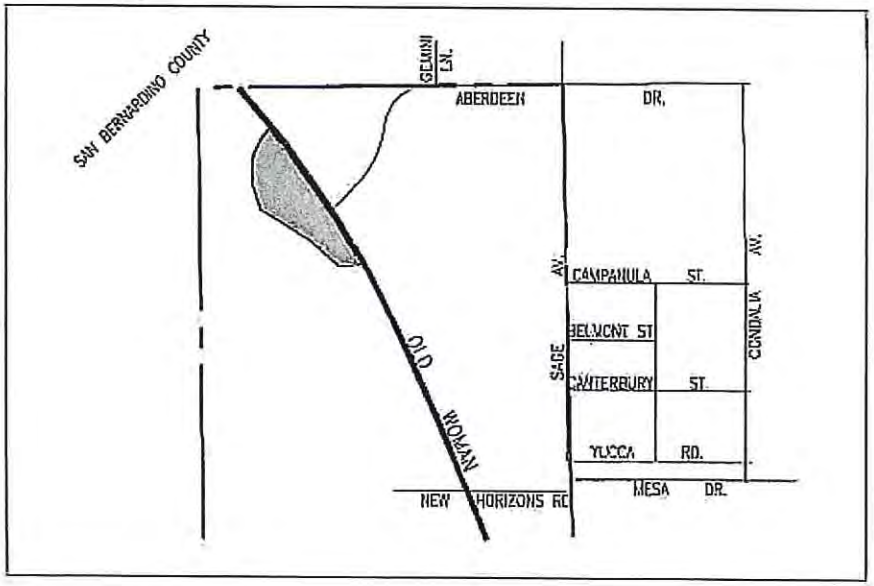


YUCCA VALLEY EVENTS SHOWGROUND & EQUESTRIAN CENTER

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	Events Showground and Equestrian Center consisting of venues for rodeos, community festivals, concerts, promotional events, equestrian activities, specialty shows and an RV park on approximately 100 to 200 acres. The facility could also serve as the Town's disaster emergency response staging center and emergency shelter area
Limits: *	In the far north section of Town along Hwy 247
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *	
PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**60,000,000**

**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008. Prepared By: MIG*



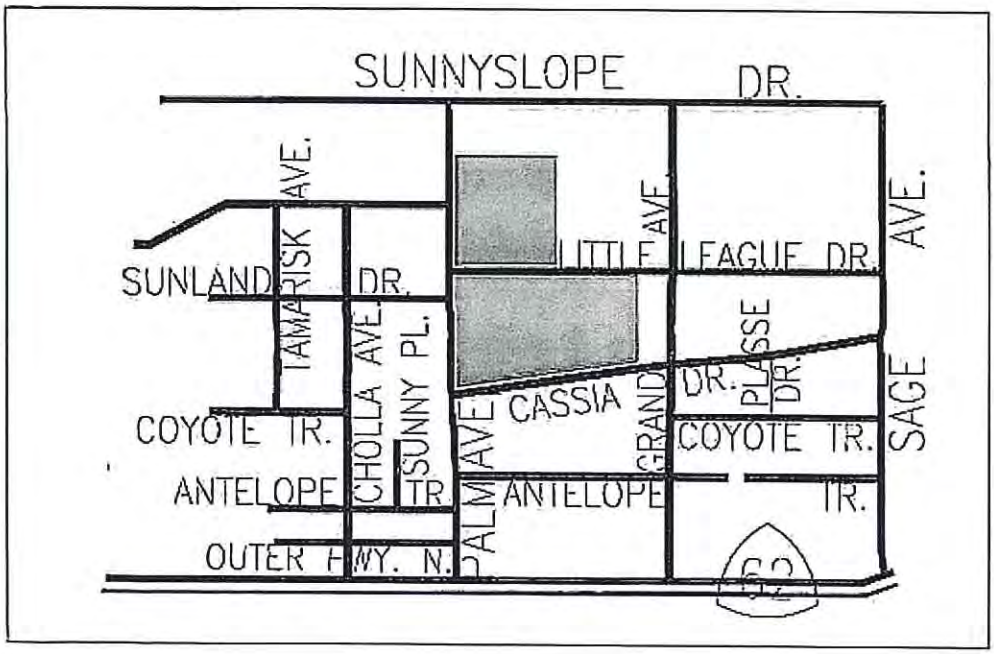
NEW BOYS & GIRLS CLUB WITHIN BREHM PARK MASTER PLAN

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	Replace the existing Boys & Girls Club with a new facility containing a gym, computer room, game room, meeting rooms, reading room/study area and administrative offices including the expansion of Brehm Park with turf areas to accommodate multi-use fields for practice and play. In the area of the existing Boys & Girls Club the development of a neighborhood park incorporating the existing Little League baseball fields and soccer field and adding picnic facilities, tot lot, commercial batting cage and food concession.
Limits: *	Northeast corner of Palm Ave. & Little League Drive within Brehm Park adjacent to the soccer fields
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	2,250,000
Construction	12,050,000
Administration/Inspection	
Total	**15,325,000**

**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008, Prepared By: MIG*

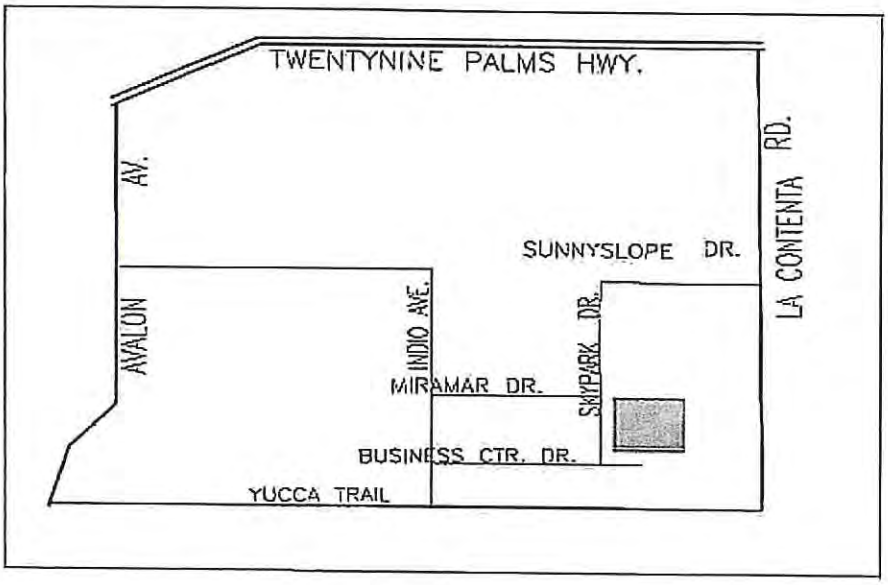


EAST END COMMUNITY SPORTS PARK IN COORDINATION WITH LA CONTENTA MIDDLE SCHOOL

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	Acquire a minimum of 40 acres to accommodate a community sports park containing eight soccer fields, four softball fields and four tennis courts with parking and restrooms; acquire a minimum of 50 acres if a gymnasium is included. **Phase I Construction: two synthetic turf lighted soccer fields with parking and restrooms; the estimated funding for this phase does not including property acquisition costs**
Limits: *	Adjacent to La Contenta Middle School
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *	
PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**3,500,000**

**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008. Prepared By: MIG*

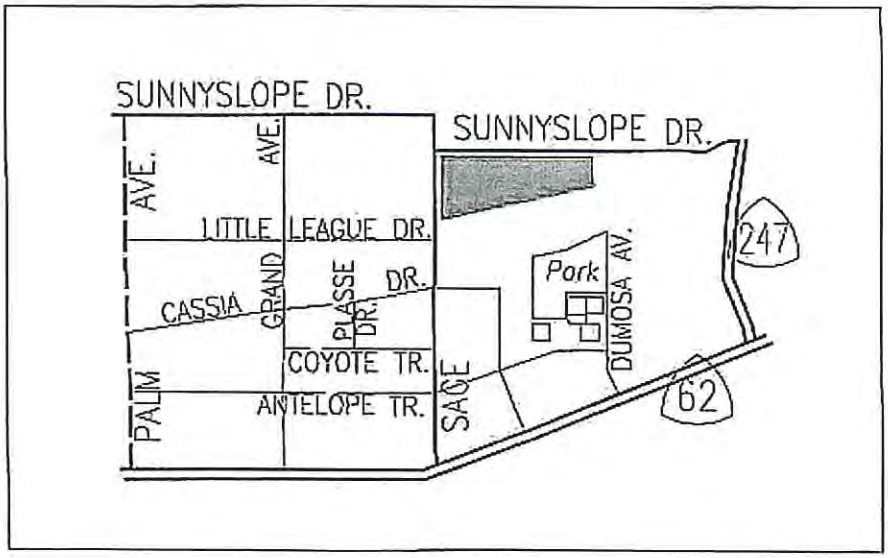


AQUATICS CENTER COMPLEX IN COORDINATION WITH IMPROVEMENTS TO SUNNYSLOPE PARK

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	A year-round aquatics facility consisting of three pools: a 10-lane, 25-yard by 25-meter, swim/lap competitive pool, 8,300 square foot recreational pool, and 1,500 square foot therapy pool. Recreational pool features to include: a zero depth entry, four-lap swim lanes, 125-foot two-flume waterslide, wet-play structure with multiple splash features, 6,000 square foot building to house locker/changing/shower rooms and administrative offices. The facility would be designed to include two fuel cells to supply all electrical power needs, heat pool water and send excess power back to utility company; it would also be equipped with a retractable roof with programmable louvers and rain sensors.
Limits: *	Sunnyslope Park
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *	
PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	7,950,000
Administration/Inspection	
Total	**8,600,000**

**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008, Prepared By: MIG*

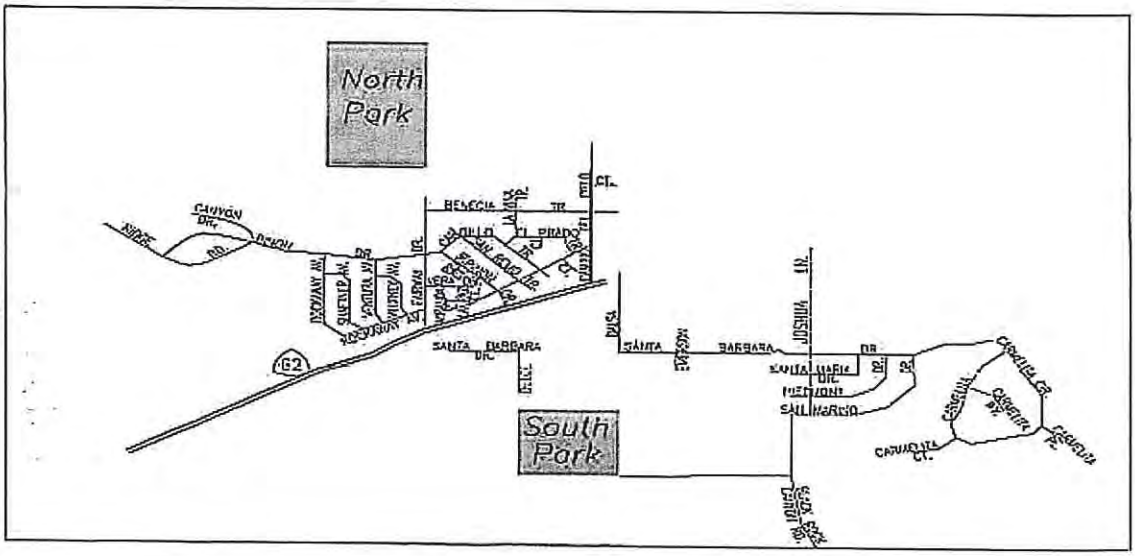


TRAIL HEAD AND SELF-GUIDED NATURE TRAIL AT NORTH PARK AND SOUTH PARK

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	Development of a trail head and self-guided nature trail at both North Park and South Park. Amenities would include a secured individual unisex restroom facility within a fenced area, off street parking, small picnic areas with shade shelters, shade covered benches at view points and a decomposed granite trail system with information stations that explain the local geology, native history and flora and fauna of the region.
Limits: *	North Park: adjacent to Joshua Tree National Park. South Park: portion location on and adjacent to BLM property.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *	
PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**1,000,000**

**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008, Prepared By: MIG*



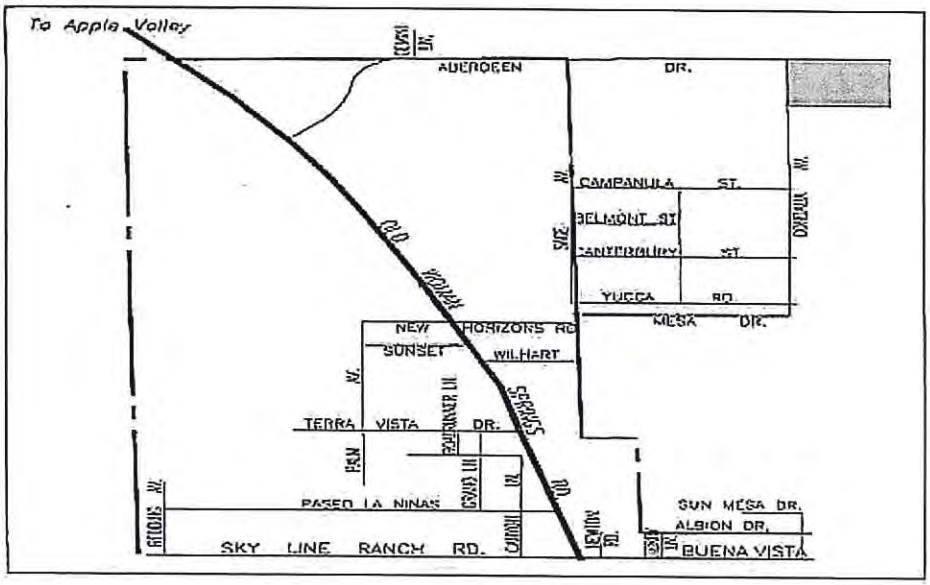
YUCCA MESA COMMUNITY PARK

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	Minimum 20-30 acre community park consisting of family and group picnic facilities, tot lots, splash/water play facility, soccer fields, dog park, informal open play area, basketball courts, tennis courts, small outdoor amphitheater and restroom. **This park would be built in phases over approximately 15 years.**
Limits: *	In the far northwest outside section of Town along Aberdeen Drive
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	**18,000,000 + land acquisition**

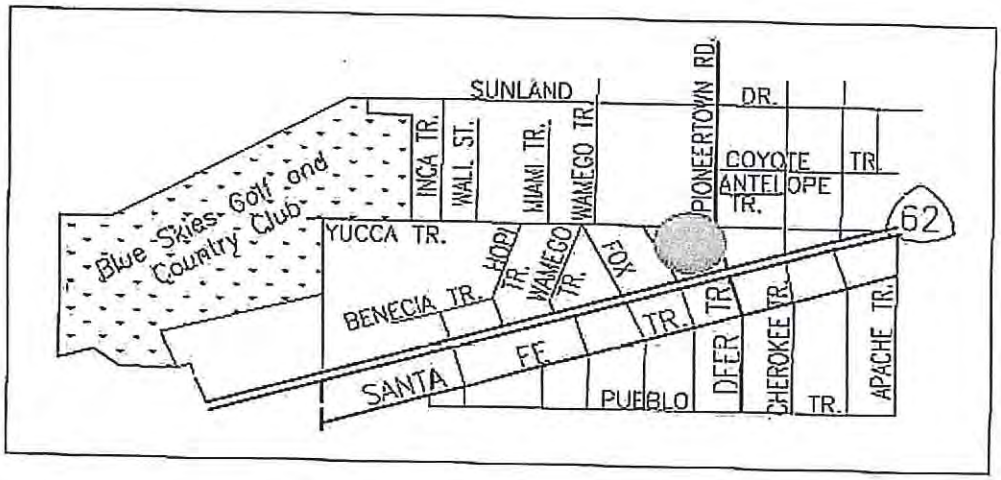
**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008, Prepared By: MIG*



OLD TOWN SPECIFIC PLAN CULTURAL CORRIDOR

Project No.	N/A
Category:	**Parks & Recreational Facilities**
Description: *	"Cultural Corridor" in the Old Town Master Plan area: "Green" design and "LEED" compliant buildings of a single facility to house both the Hi-Desert Museum and the Branch Library sharing common facilities as entry/lobby area, restrooms, meeting rooms, conference/training rooms, receiving area, kitchen facilities and staff parking, adjacent to an amphitheater/activities plaza designed to accommodate special events and performing arts programming with a covered outdoor amphitheater, shade structure, stage area and landscaped with a desert theme.
Limits: *	Old Town Yucca Valley between Fox and Deer and Yucca Trail and SR62.
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate *

PA/ED	
PS & E	
ROW/Property Acquisition	1,140,000
Construction	
Administration/Inspection	
Total	**22,500,000**

**REFERENCE: Town of Yucca Valley Parks & Recreation Master Plan Update Adopted October 2008. Prepared By: MIG*