



Town of
Yucca Valley



**Five Year
Capital Improvement Program
FY 2016/17 - 2020/21**

Community Development Department

JUNE 2016

APPROVED BY TOWN COUNCIL ON 9/6/2016

TABLE OF CONTENTS

INTRODUCTION.....	1
FUNDING SOURCES.....	2
CAPITAL IMPROVEMENT PROJECTS -FISCAL YEAR TOTALS.....	6

SECTION I - 2016/2017 PROJECTS

<i>FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM DESCRIPTIONS 2015/2016.....</i>	7
STREETS & HIGHWAYS.....	8
PARK & RECREATION FACILITIES.....	18
PUBLIC BUILDINGS.....	20
TOWN OWNED PROPERTIES.....	23

SECTION II - 2017/2018 PROJECTS

<i>FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM DESCRIPTIONS 2016/2017.....</i>	27
STREETS & HIGHWAYS.....	28
TOWN OWNED PROPERTIES.....	36

SECTION III - 2018/2019 PROJECTS

<i>FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM DESCRIPTIONS 2017/2018.....</i>	38
STREETS & HIGHWAYS.....	39

SECTION IV - 2019/2020 PROJECTS

<i>FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM DESCRIPTIONS 2018/2019.....</i>	48
STREETS & HIGHWAYS.....	49

SECTION V - 2020/2021 PROJECTS

<i>FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM DESCRIPTIONS 2019/2020.....</i>	51
STREETS & HIGHWAYS.....	52

SECTION VI - UNFUNDED PROJECTS

<i>UNFUNDED PROJECTS OF THE FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM.....</i>	54
ADA TRANSITION PLAN FACILITIES.....	55
DRAINAGE FACILITIES.....	57
PUBLIC FACILITIES.....	87
PARKS & RECREATIONAL FACILITIES.....	95

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 2016/17 through 2020/2021. 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 536 – Active Transportation Program (ATP): The ATP consolidates existing federal and state transportation programs, including the Transportation Alternatives Program (TAP), Bicycle Transportation Account (BTA) and State Safe Routes to School (SR2S), into a single program to encourage increased use of active modes of transportation. Goals are to increase biking and walking, safety and mobility for non-motorized users, greenhouse gas (GHG) reduction, and enhance public health.

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 543 – Air Pollution Trust: Established to account for receipts and expenditures for the Air Pollution Fund (AB 2766). Mohave Desert Air Quality Management District (MDAQMD) revenues received from the State of California per AB 2766, motor vehicle registration fee per vehicle licensed to provide funds for air districts to meet new responsibilities mandated under the California Clean Air Act (CCAA). Fees shall be used to support district operated planning, monitoring, enforcement and technical studies necessary to implement the CCAA. 25% of the available funds are allocated for a recurring competitive grant program that is used to fund other local projects that reduce emissions from mobile sources.

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 581 – Landscaping/Lighting Maintenance District (LLD): Established to provide regular maintenance, repair and replacement of all facilities within the public rights-of-ways or easements which shall include, but not limited to, the landscaping, irrigation system, signage, perimeter wall, retaining walls, pedestrian path and erosion control plantings within or adjacent to the detention basins and drainage swale.

Fund 582 – Street/Drainage Maintenance District (SDD): Established to provide improvements and maintenance of streets, roads, and highways to keep them in a safe condition and to preserve the street network. Also for maintenance and operation of drainage and flood control facilities, including but not limited to floodways, channels,

percolation pond, storm drain systems including pipes and catch basins and appurtenant facilities.

Fund 583 – Mello Roos Commercial Facilities District (CFD): Established to provide financing of public services and facilities. Among the services and facilities provided are police and fire protection, streets, schools, parks, and libraries.

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

CAPITAL IMPROVEMENT PROJECTS - FISCAL YEAR TOTALS

FISCAL YEAR 2016-2017		
STREETS/HIGHWAYS.....	\$	942,419
PARKS & RECREATION FACILITIES.....	\$	126,460
PUBLIC FACILITIES.....	\$	131,250
TOWN OWNED PROPERTIES.....	\$	1,535,750
TOTAL:	\$	2,735,879

FISCAL YEAR 2017-2018		
STREETS/HIGHWAYS.....	\$	2,212,504
PARKS & RECREATION FACILITIES.....	\$	
PUBLIC FACILITIES.....	\$	
TOWN OWNED PROPERTIES.....	\$	112,500
TOTAL:	\$	2,325,004

FISCAL YEAR 2018-2019		
STREETS/HIGHWAYS.....	\$	2,221,875
PARKS & RECREATION FACILITIES.....	\$	
PUBLIC FACILITIES.....	\$	
TOWN OWNED PROPERTIES.....	\$	
TOTAL:	\$	2,221,875

FISCAL YEAR 2019-2020		
STREETS/HIGHWAYS.....	\$	214,751
PARKS & RECREATION FACILITIES.....	\$	
PUBLIC FACILITIES.....	\$	
TOWN OWNED PROPERTIES.....	\$	
TOTAL:	\$	214,751

FISCAL YEAR 2020-2021		
STREETS/HIGHWAYS.....	\$	482,408
PARKS & RECREATION FACILITIES.....	\$	
PUBLIC FACILITIES.....	\$	
TOWN OWNED PROPERTIES.....	\$	
TOTAL:	\$	482,408

SECTION I

FIVE-YEAR CAPITAL
IMPROVEMENT PROGRAM
PROJECT DESCRIPTIONS
2016/2017



FISCAL YEAR 2016/2017 STREETS & HIGHWAYS

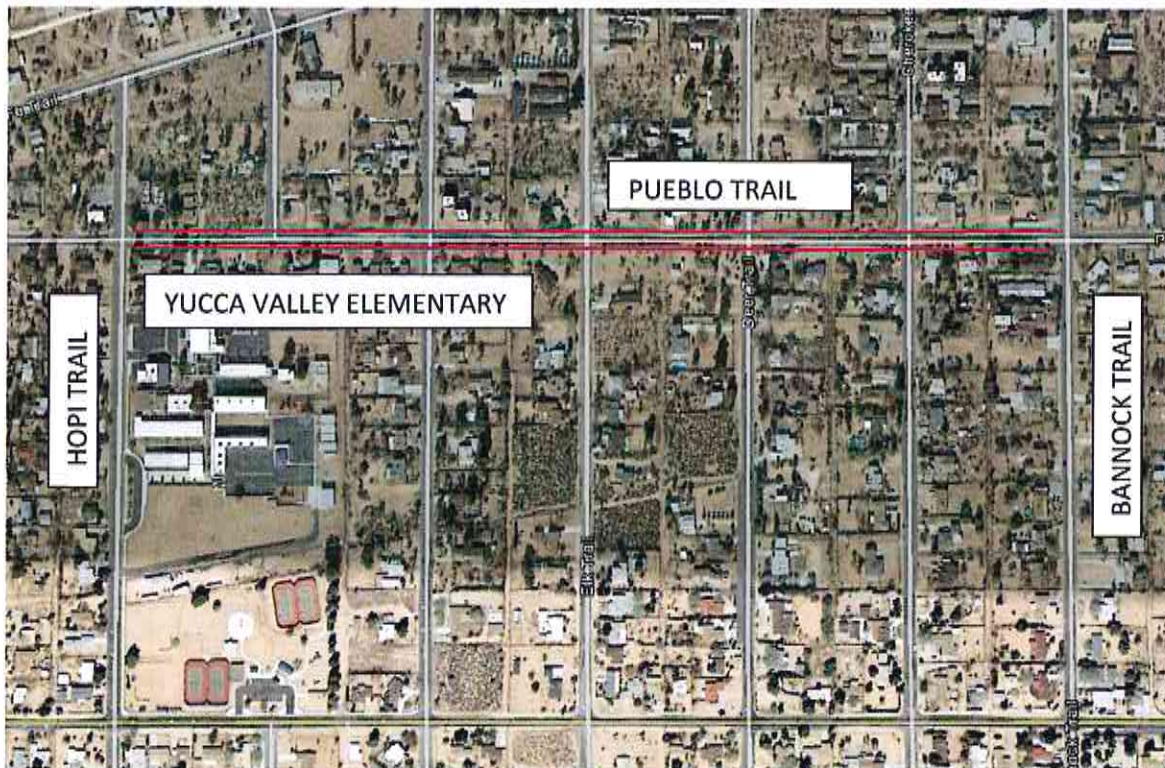
Project Descriptions

YUCCA VALLEY ELEMENTARY SCHOOL SIDEWALKS
Fiscal Year 2016/2017

Project No: **8967**
 Category: **Streets & Highways**
 Description: Construction of sidewalk, curb & gutter, and handicapped ramps on Pueblo Trail
 Limit: Pueblo Trail between Hopi Trail to Bannock Trail
 Status: Pending Caltrans approval on RFP for Design
 Schedule:

Project Cost Estimate	
PA/ED	5,000
PS&E	85,000
ROW/Property Acquisition	N/A
Construction	940,850
Total	1,030,850

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
ATP Grant Funds 536	85,000	940,850			
Traffic Safety 507	5,000				
Total	90,000	940,850			



Project Descriptions

SR62: TRAFFIC CONTROL SYNCHRONIZATION (Phase II)

Fiscal Year 2016/2017

Project No: 8028
Category: Streets & Highways
Description: Congestion Management Air Quality (CMAQ) funds: Synchronization of 10 traffic signals on SR62 at the intersections of Sage, Dumosa, SR247, Airway, Warren Vista, Balsa, Hilton, 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: Design is approximately 90% completed.

Schedule: Final Caltrans approval is expected in the summer of 2016.

Project Cost Estimate

PA/ED	N/A
PS&E	129,300
ROW/Property Acquisition	N/A
Construction	105,034
Total	234,334

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Federal CMAQ 542	105,034				
Local LTF 516	129,300				
Total	234,334				



Project Descriptions

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:

Alaba Av: Juarez/Cul-de-sac	Ivanhoe Dr: Warren Vista/End	San Vicente: Frontera/Joshua Ln
Balsa : Juarez/San Andreas	Ivanhoe Dr: San Vicente/End	San Tropeza: WarrenVista/SanDiego
Catalina Wy : San Diego/End	Ivanhoe Dr: Emerson/Juarez	Warren Vista: SanAndreas/Joshua Ln
Cortez Dr: Fortuna/Hermosa	Juarez Dr: Warren Vista/Joshua Ln	62OH: Hanford Av/Prescott Av
Del Monte Av: Santa Barbara/San Andreas	Lisbon Dr: Warren Vista/End	62OH: SR247/Airway Ave.
Emerson Av: Ivanhoe/Joshua Ln	Lisbon Dr: Frontera/Joshua Ln	62OH: Balsa Av/Hanford Av
Fortuna Av: Santa Barbara/San Andreas	Rubidoux Av: San Andreas/Lisbon	62OH: W End/Camino del Cielo
Frontera Av: Joshua Ln/San Andreas	Rubidoux Ct: Rubidoux Av/End	62OH: Sage Av/Barbarry Av
Hermosa Av: Santa Barbara/Cortez	San Andreas: Warren Vista/Joshua Ln	
Hidden Gold Dr: San Vicente/End	San Diego Dr: San Andreas/Juarez	

Status: 4/11/16: Advertised for Bid. 5/2/2016: Bid Opening

Schedule: Construction to start June 2016

Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	394,335
Total	394,335

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Local Meas I 523	*71,200				
Unrestricted Meas I 524	*323,135				
Total	394,335				

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Town of Yucca Valley, California
 2016/2017 Capital Improvement Program

Project Descriptions

PALISADES DRIVE SLURRY SEAL PROJECT					
Fiscal Year 2016/2017					
Project No:	5813				
Category:	Streets & Highways				
Description:	Installation of slurry seal, hot mix asphalt repairs and replace street striping, markings and legends.				
Limit:	Palisades Drive from Avalon Avenue to the East End.				
Status:					
Schedule:					
Project Cost Estimate					
PA/ED	N/A				
PS&E	N/A				
ROW/Property Acquisition	N/A				
Construction	35,000				
Total	35,000				
Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Home Depot SDD Assessment Dist-582	*35,000				
Total	35,000				
* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE					



Project Descriptions

YUCCA TRAIL & WARREN VISTA INTERSECTION IMPROVEMENTS
Fiscal Year 2016/2017

Project No:
 Category: **Streets & Highways**
 Description: Short range improvements pending Yucca Trail Safety Study
 Limit: Intersection of Yucca Trail and Warren Vista
 Status: Safety Study is underway.
 Schedule:

Project Cost Estimate	
PA/ED	N/A
PS&E	28,125
ROW/Property Acquisition	N/A
Construction	
Total	28,125

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas I 524	*28,125				
Dev Impact Fees - 350			*112,500		
LTF - 516			*337,500		
Total	28,125		450,000		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

ONAGA TRAIL: KICKAPOO TRAIL TO CAMINO DEL CIELO IMPROVEMENTS
Fiscal Year 2016/2017

Project No:
 Category: **Streets & Highways**
 Description: Professional Design Services for road extension, curb & gutter, sidewalks, handicapped ramps and driveway approaches.
 Limit: Onaga Trail between Kickapoo Trail and Camino del Cielo
 Status:
 Schedule:

Project Cost Estimate	
PA/ED	N/A
PS&E	112,500
ROW/Property Acquisition	N/A
Construction	815,625
Total	928,125

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Dev. Impact Fees 350	*112,500		*815,625		
Total	112,500		815,625		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

PALOMAR AVE & YUCCA TRAIL TRAFFIC SIGNAL BATTERY BACKUP SYSTEM

Fiscal Year 2016/2017

Project No: **8972-001**
 Category: **Streets & Highways**
 Description: An uninterruptible power supply/battery backup system providing emergency power to the traffic signals at the intersection in the event of a power outage.
 Limit: Intersection of Palomar Ave. and Yucca Trail
 Status:
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	10,000
Total	10,000

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Super Walmart Mello Roos CFD 583	*10,000				
Total	10,000				

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

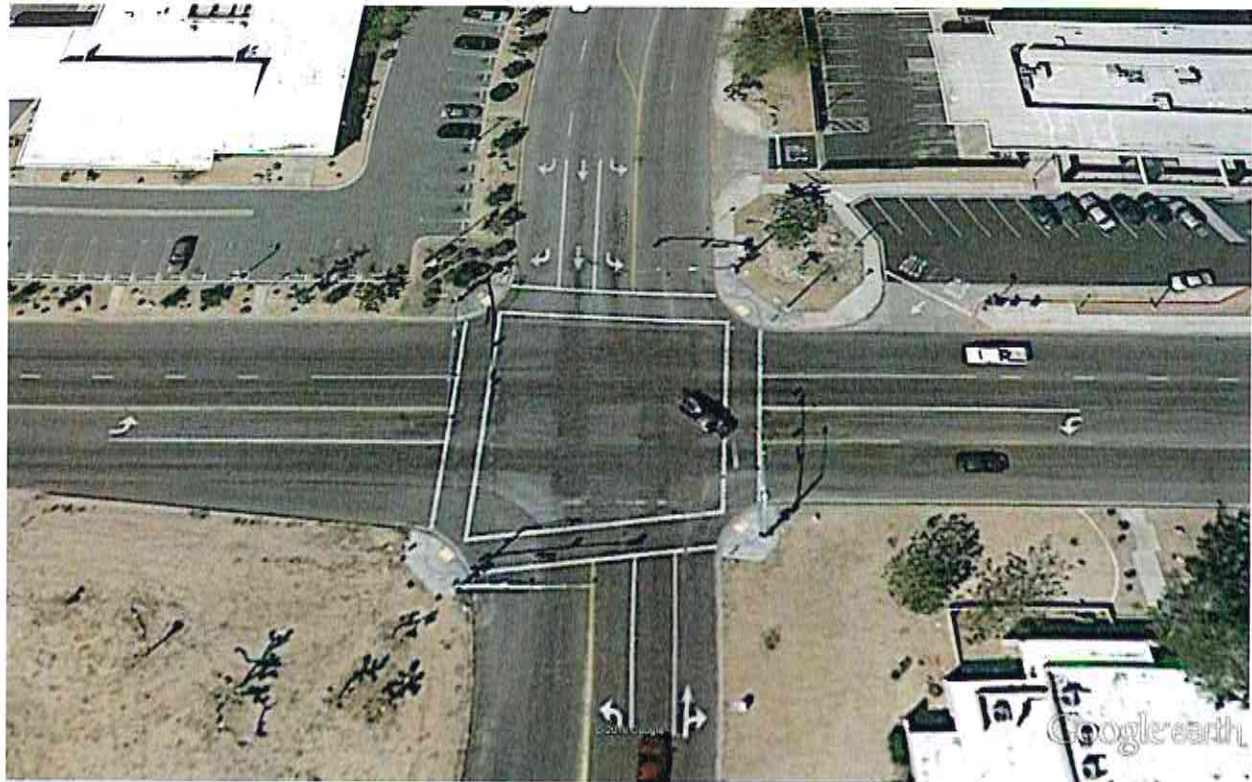
JOSHUA LANE & YUCCA TRAIL TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
Fiscal Year 2016/2017

Project No: **8969-001**
 Category: **Streets & Highways**
 Description: An uninterruptible power supply/battery backup system providing emergency power to the traffic signals at the intersection in the event of a power outage.
 Limit: Intersection of Joshua Lane. and Yucca Trail
 Status:
 Schedule:

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

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Super Walmart Mello Roos CFD 583	*10,000				
Total	10,000				

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

YUCCA TRAIL & PALOMAR AVE. INTERSECTION IMPROVEMENTS
Fiscal Year 2016/2017

Project No:
 Category: **Streets & Highways**
 Description: Widening and signal modification as recommended by the Yucca Trail Safety Study.
 Limit: Intersection Yucca Trail and Palomar Ave.
 Status:
 Schedule:

Project Cost Estimate	
PA/ED	N/A
PS&E	28,125
ROW/Property Acquisition	N/A
Construction	309,375
Total	337,500

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Arterial Meas I 522	*28,125	*309,375			
Total	28,125	309,375			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



FISCAL YEAR 2016/2017 PARKS & RECREATION FACILITIES

Project Descriptions

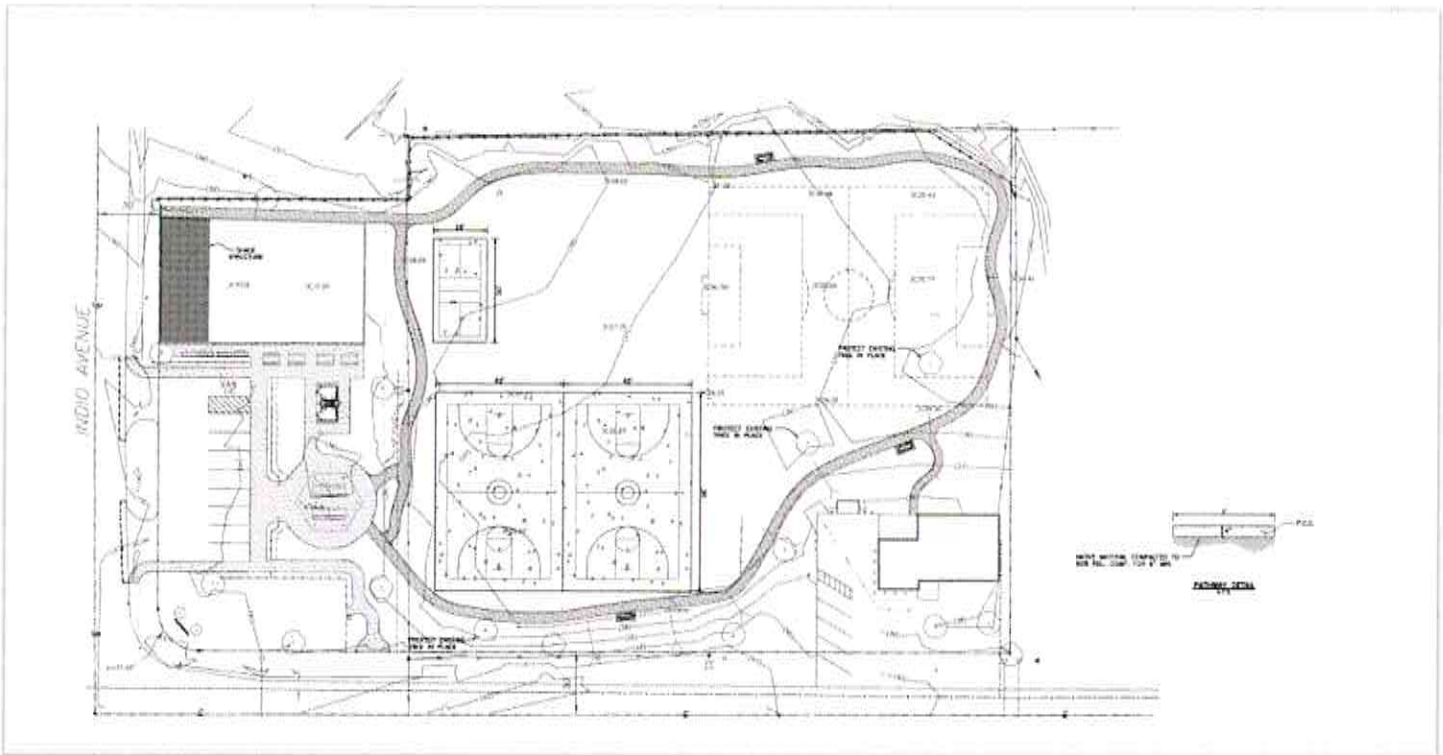
PARADISE PARK PLAYGROUND IMPROVEMENTS
Fiscal Year 2016/2017

Project No: 8048-809
 Category: Parks & Recreation Facilities
 Description: To be determined by Town Council.
 Limit: East undeveloped area of Park
 Status:
 Schedule:

Project Cost Estimate

PA/ED
 PS&E
 ROW/Property Acquisition
 Construction
Total

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
CDBG 560	126,460				
Total	126,460				



FISCAL YEAR 2016/2017 PUBLIC FACILITIES

Project Descriptions

PARK & RIDE SLURRY SEAL PROJECT
Fiscal Year 2016/2017

Project No: **8417**
 Category: **Public Facilities**
 Description: Remove thermos striping, place type II slurry and replace striping.
 Limit: Parking Lot
 Status: 4/11/16: Advertised for Bid. 5/2/16: Bid Opening
 Schedule: Construction to start June 2016.

Project Cost Estimate

PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	75,000
Total	75,000

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Air Pollution Trust 543	*75,000				
Total	75,000				

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

OLD KENNEL DEMOLITION
Fiscal Year 2016/2017

Project No: **8045**
 Category: **Public Facilities**
 Description: Demolition of all structures and slabs, removal of all appurtenances and debris, including septic/sewer system, and abatement of asbestos.
 Limit: 56460 Paseo Los Ninos
 Status: Staff preparing an Environmental Assessment Report.
 Schedule: To be completed by March 2016.

Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	56,250
Total	56,250

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Capital Proj. Reserve 800	*56,250				
Total	56,250				

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



FISCAL YEAR 2016/2017 TOWN OWNED PROPERTY

Project Descriptions

PFF DESIGN & RENOVATION
Fiscal Year 2016/2017

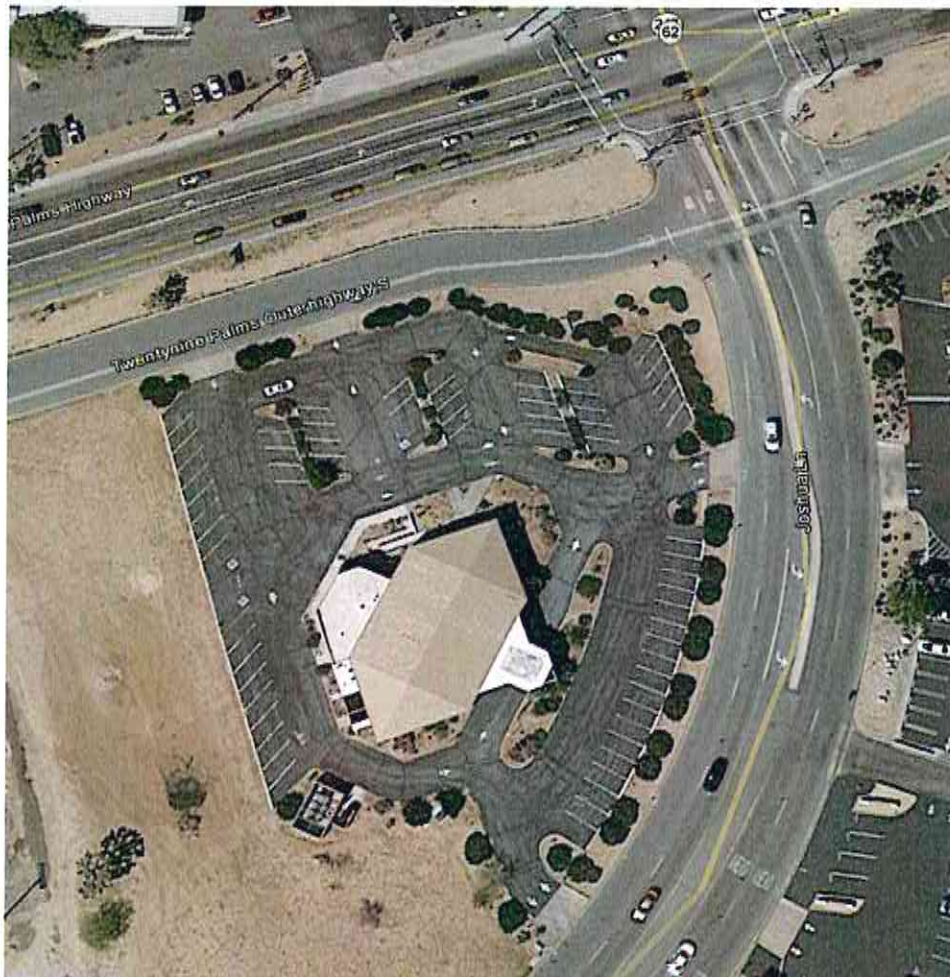
Project No: **8965**
 Category: **Public Facilities**
 Description: Design and Renovation.
 Limit: 57271 Twenty-nine Palms Hwy.
 Status: Staff evaluating concept design.
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	562,500
ROW/Property Acquisition	N/A
Construction	675,000
Total	1,237,500

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Capital Proj. Reserve 800	*1,237,500				
Total	1,237,500				

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

TOWN PROPERTY PHASE I SEWER CONNECTION

Fiscal Year 2016/2017

Project No: **2935**
 Category: **Town Owned Property**
 Description: Design of wastewater connections and the construction to hookup Town Owned Property within the Phase I area to sewer.
 Limit: Community Center Paradise Park
 Community Dev/Public Works Jacobs Park
 Welcome Center Brehm Park
 RDA Propertles PFF
 Buma Automotive
 Status: Site plans illustrating existing improvements have been prepared to identify most reasonable connection routing. Engineering evaluating pipe depth, construction standards, etc.
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	56,250
ROW/Property Acquisition	N/A
Construction	337,500
Total	393,750

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Capital Proj. Reserve 800	*281,250	*112,500			
Total	281,250	112,500			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

ELK TRAIL DEMOLITION

Fiscal Year 2016/2017

Project No: **8048-824**
 Category: **Town Owned Property**
 Description: Demolition of all structures and slabs, removal of all appurtenances and debris, including septic/sewer system, and abatement of asbestos
 Limit: 7346 Elk Trail
 Status: Staff preparing an Environmental Assessment Report.
 Schedule:

Project Cost Estimate

PA/ED N/A
 PS&E N/A
 ROW/Property Acquisition N/A
 Construction 17,000
Total

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
General Fund Reserve 800	17,000				
Total	17,000				



SECTION II

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM PROJECT DESCRIPTIONS 2017/2018



FISCAL YEAR 2017/2018 STREETS & HIGHWAYS

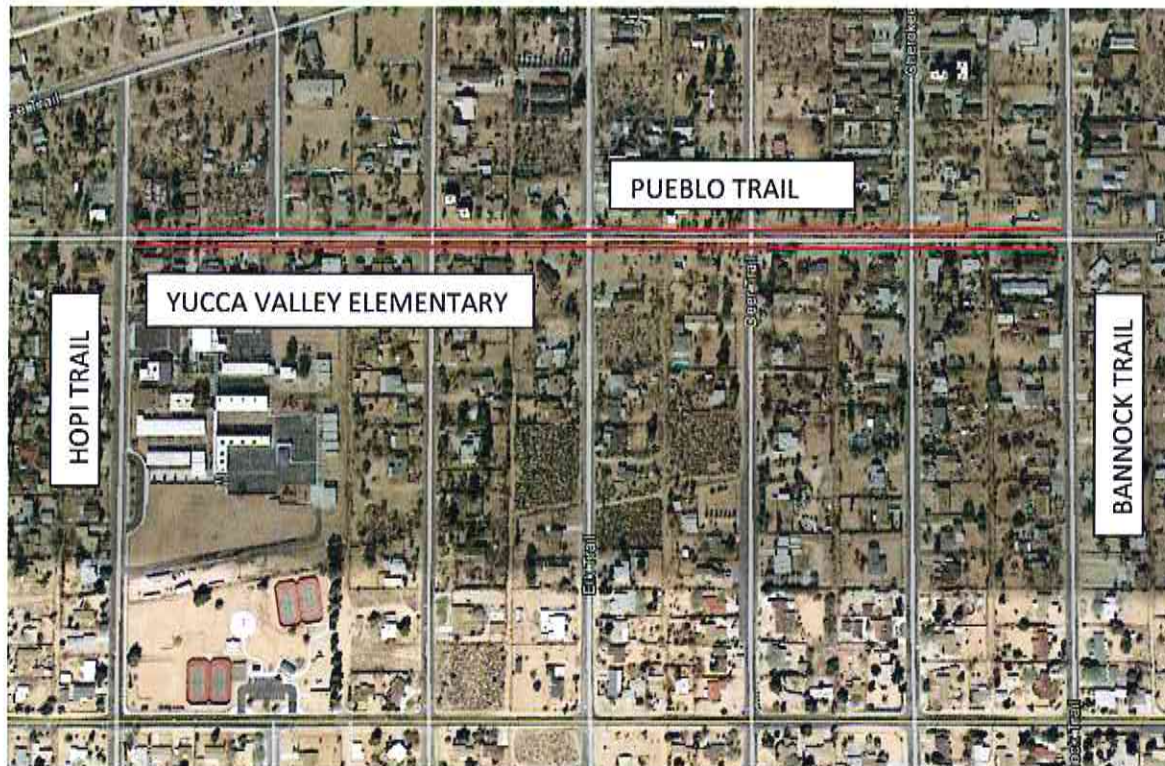
Project Descriptions

YUCCA VALLEY ELEMENTARY SCHOOL SIDEWALKS
Fiscal Year 2017/2018

Project No: **8967**
 Category: **Streets & Highways**
 Description: Construction of sidewalk, curb & gutter, and handicapped ramps on Pueblo Trail
 Limit: Pueblo Trail between Hopi Trail to Bannock Trail
 Status: Pending Caltrans approval on RFP for Design
 Schedule:

Project Cost Estimate	
PA/ED	5,000
PS&E	85,000
ROW/Property Acquisition	N/A
Construction	940,850
Total	1,030,850

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
ATP Grant Funds 536	85,000	940,850			
Traffic Safety 507	5,000				
Total	90,000	940,850			



Project Descriptions

ALLEY WAY IMPROVEMENTS
Fiscal Year 2017/2018

Project No: **8559**
 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: Pending HDWD Sewer Project
 Schedule: Schedule to be determined at a later date

Project Cost Estimate	
PA/ED	2,250
PS&E	11,250
ROW/Property Acquisition	22,500
Construction	146,756
Total	182,756

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
LTF 516		*182,756			
Total		182,756			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

PIMA TRAIL IMPROVEMENTS
Fiscal Year 2017/2018

Project No: **8562**
 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: Pending HDWD Sewer Project
 Schedule: Schedule to be determined at a later date

Project Cost Estimate	
PA/ED	2,250
PS&E	16,875
ROW/Property Acquisition	22,500
Construction	155,250
Total	196,875

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
LTF 516		*196,875			
Total		196,875			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

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 Hillcrest Dr.: SR247/End
 Campero Rd.: Avalon Av./Indio Av. Indio Av.: Meredith Ct./End
 El Dorado Av.: Campero Rd./Buena Vista Dr Meredith Ct.: Indio Av./Cul de Sac
 Fortuna Ct.: Campero Rd./Cul de Sac Skyline Ranch Rd: Malin Wy/OWS
 Goleta Av.: Campero Rd./End Yucca Mesa Rd : SR62/Buena Vista Dr.
 Hermosa Ct.: Campero Rd./Cul de Sac
Status:
Schedule: Construction to start July 2017

Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	320,450
Total	320,450

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Arterial Meas I 522		*144,141			
Unrestricted Meas I 524		*176,309			
Total		320,450			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

YUCCA TRAIL & PALOMAR AVE. INTERSECTION IMPROVEMENTS
Fiscal Year 2017/2018

Project No:
 Category: **Streets & Highways**
 Description: Widening and signal modification as recommended by the Yucca Trail Safety Study.
 Limit: Intersection Yucca Trail and Palomar Ave.
 Status:
 Schedule:

Project Cost Estimate	
PA/ED	N/A
PS&E	28,125
ROW/Property Acquisition	N/A
Construction	309,375
Total	337,500

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Arterial Meas I 522	*28,125	*309,375			
Total	28,125	309,375			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

SR62: SR247 TO WARREN VISTA AVE. IMPROVEMENTS

Fiscal Year 2017/2018

Project No:
 Category: **Streets & Highways**
 Description: Professional Design Services to widen SR62 from 4 lanes to 6 lanes.
 Limit: State Route 62 between SR247 and Warren Vista Ave.
 Status:
 Schedule:

Project Cost Estimate

PA/ED	112,500
PS&E	225,000
ROW/Property Acquisition	N/A
Construction	3,712,500
Total	4,050,000

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Dev. Impact Fees 350		*225,000			
Total		225,000			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

2017-2018 OVERLAY
Fiscal Year 2017/2018

Project No: **8340**
 Category: **Streets & Highways**
 Description: Installation of 0.10' of asphalt overlay (by Force Account).
 Limit: Intersection of Buena Vista Drive and Yucca Mesa Road
 Status:
 Schedule: Construction to start July 2017

Project Cost Estimate

PA/ED N/A
 PS&E N/A
 ROW/Property Acquisition N/A
 Construction 37,198
Total 37,198

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas 524		*37,198			
Total		37,198			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



FISCAL YEAR 2017/2018 TOWN OWNED PROPERTY

Project Descriptions

TOWN PROPERTY PHASE I SEWER CONNECTION

Fiscal Year 2017/2018

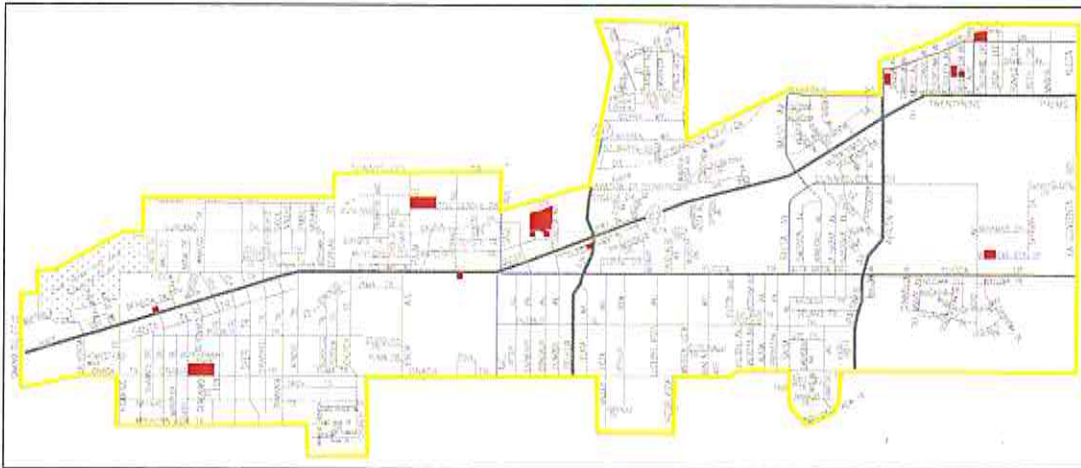
Project No: **2935**
 Category: **Town Owned Property**
 Description: Design of wastewater connections and the construction to hookup Town Owned Property within the Phase I area to sewer.
 Limit: Community Center Paradise Park
 Community Dev/Public Works Jacobs Park
 Welcome Center Brehm Park
 RDA Properties PFF
 Buma Automotive
 Status: Site plans illustrating existing improvements have been prepared to identify most reasonable connection routing. Engineering evaluating pipe depth, construction standards, etc.
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	56,250
ROW/Property Acquisition	N/A
Construction	337,500
Total	393,750

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Capital Proj. Reserve 800	*281,250	*112,500			
Total	281,250	112,500			

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



SECTION III

FIVE-YEAR CAPITAL
IMPROVEMENT PROGRAM
PROJECT DESCRIPTIONS
2018/2019



FISCAL YEAR 2018/2019 STREETS & HIGHWAYS

Project Descriptions

2018-2019 SLURRY SEAL

Fiscal Year 2018/2019

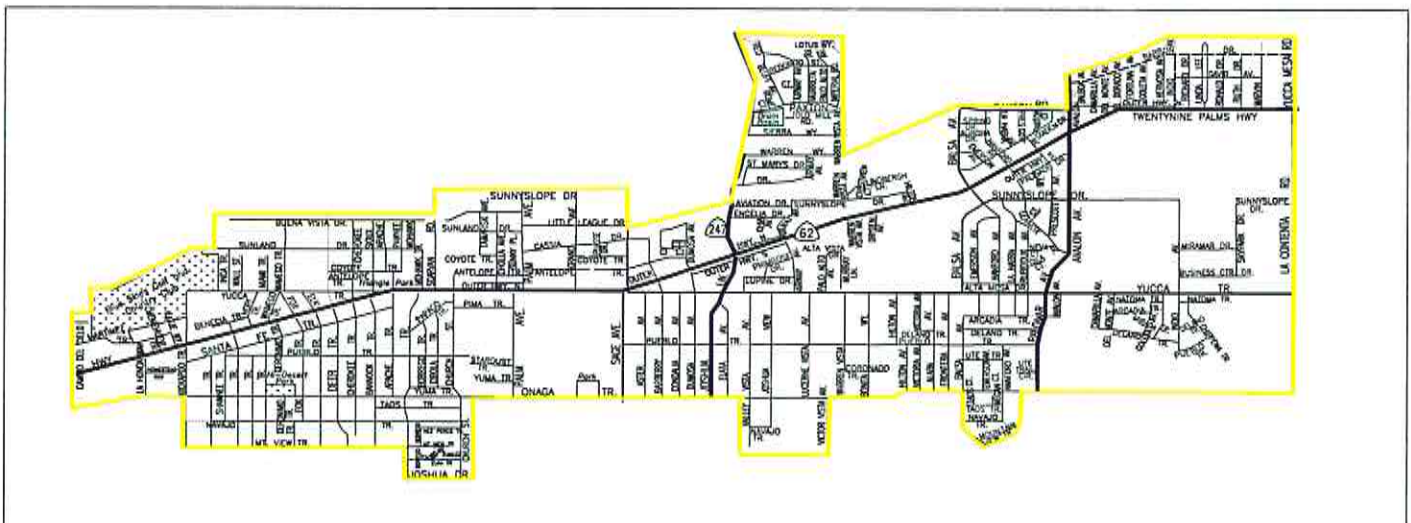
Project No: 8340
Category: Streets & Highways
Description: Installation of slurry seal/cape seal, hot mix asphalt repairs and replace street striping, markings and legends on designated streets within the Wastewater Phase I area.
Limit: To be determined.
Status: Staff is working with HDWD Staff on schedule and delivery of Wastewater Project and determination of street locations.
Schedule: Construction to start July 2018

Project Cost Estimate

PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	562,500
Total	562,500

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas I 524			*562,500		
Total			562,500		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

BUENA VISTA & YUCCA MESA RD. INTERSECTION IMPROVEMENTS

Fiscal Year 2018/2019

Project No:
 Category: **Streets & Highways**
 Description: Professional Design Services to widen road, acceleration/deceleration lanes and left turn lanes.
 Limit: Intersection Buena Vista and Yucca Mesa Road
 Status:
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	28,125
ROW/Property Acquisition	N/A
Construction	
Total	28,125

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas I 524			*28,125		
Total			28,125		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

INDIO AVE: YUCCA TRAIL TO SR62 IMPROVEMENTS

Fiscal Year 2018/2019

Project No:

Category: **Streets & Highways**

Description: Professional Design Services for road extension, curb & gutter, sidewalks and handicapped ramps.

Limit: Indio Ave between Yucca Trail and SR62.

Status:

Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	281,250
ROW/Property Acquisition	N/A
Construction	
Total	281,250

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Capital Project Reserve 800			*281,250		
Total			281,250		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

ONAGA TRAIL & PALOMAR AVE INTERSECTION IMPROVEMENTS

Fiscal Year 2018/2019

Project No:
 Category: **Streets & Highways**
 Description: Professional Design Services to widen, acceleration/deceleration lanes and left turn lanes.
 Limit: Intersection Onaga Trail and Palomar Ave.
 Status:
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	28,125
ROW/Property Acquisition	N/A
Construction	
Total	28,125

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas I 524			*28,125		
Total			28,125		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

ONAGA TRAIL: KICKAPOO TRAIL TO CAMINO DEL CIELO IMPROVEMENTS

Fiscal Year 2018/2019

Project No:
 Category: **Streets & Highways**
 Description: Construction of Road extension, curb & gutter, sidewalks, handicapped ramps and driveway approaches.
 Limit: Onaga Trail between Kickapoo Trail and Camino del Cielo
 Status:
 Schedule:

Project Cost Estimate

PA/ED	112,500
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	815,625
Total	928,125

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Dev. Impact Fees 350	*112,500		*815,625		
Total	112,500		815,625		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

YUCCA TRAIL & INDIO AVE. INTERSECTION IMPROVEMENTS

Fiscal Year 2018/2019

Project No:
 Category: **Streets & Highways**
 Description: Professional Design Services to widen road, acceleration/deceleration lanes and left turn lanes.
 Limit: Intersection Yucca Trail and Indio Ave.
 Status:
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	28,125
ROW/Property Acquisition	N/A
Construction	
Total	28,125

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas I 524			*28,125		
Total			28,125		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

YUCCA TRAIL & LA CONTENTA RD. INTERSECTION IMPROVEMENTS

Fiscal Year 2018/2019

Project No:
 Category: **Streets & Highways**
 Description: Professional Design Services to widen road , acceleration/deceleration lanes and left turn lanes.
 Limit: Intersection Yucca Trail and La Contenta Road.
 Status:
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	28,125
ROW/Property Acquisition	N/A
Construction	
Total	28,125

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas I 524			*28,125		
Total			28,125		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



Project Descriptions

YUCCA TRAIL & WARREN VISTA INTERSECTION IMPROVEMENTS
Fiscal Year 2018/2019

Project No:
 Category: **Streets & Highways**
 Description: Construction of Safety Improvements pending Yucca Trail Safety Study.
 Limit: Intersection of Yucca Trail and Warren Vista
 Status: Safety Study is underway.
 Schedule:

Project Cost Estimate

PA/ED	N/A
PS&E	28,125
ROW/Property Acquisition	N/A
Construction	450,000
Total	478,125

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas I 524	*28,125				
Dev Impact Fees - 350			*112,500		
LTF - 516			*337,500		
Total	28,125		450,000		

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



SECTION IV

FIVE-YEAR CAPITAL
IMPROVEMENT PROGRAM
PROJECT DESCRIPTIONS
2019/2020



FISCAL YEAR 2019/2020 STREETS & HIGHWAYS

Project Descriptions

2019-2020 SLURRY SEAL

Fiscal Year 2019/2020

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:

Borrego Ct: Zuni Tr/End	Nez Perce Tr : Borrego Tr/Church St
Borrego Tr: Nez Perce Tr/Mt. View Tr.	Piedmont Dr : Santa Barbara/End
Carmelita Circle	San Marino Dr : Santa Barbara/Black Rock Canyon
Carmelita Court	Santa Barbara Dr : Cul-de-sac/East End
Carmelita Place	Santa Maria Dr : Del Monte/End
Carmelita Way	Zuni Ct : Church St/End
Cibola Tr: Mt View Tr/Zuni Tr.	Zuni Tr : Acoma Tr/Cibola
Mt. View Tr: Borrego Tr/End	

Status:
Schedule: Construction to start July 2019

Project Cost Estimate

PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	214,751
Total	214,751

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas 524				*214,751	
Total				214,751	

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE



SECTION V

FIVE-YEAR CAPITAL
IMPROVEMENT PROGRAM
PROJECT DESCRIPTIONS
2020/2021



FISCAL YEAR 2020/2021 STREETS & HIGHWAYS

2020-2021 SLURRY SEAL
Fiscal Year 2020/2021

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:

Acoma Tr.: Golden Bee/Joshua Dr.	Deer Tr. : Golden Bee/Desert Gold	Free Gold Ct. : Free Gold/End
Acoma Ct.: Acoma Tr./End	Desert Gold Dr. : W End/Elk	Geronimo Ct. : Desert Gold/End
Amador Dr.: Kismet/Joshua Dr.	Desert Gold Dr. : Elk/Acoma	Golden Bee Dr. : W End/Acoma
Anaconda Dr.: Cholla/Amador	Desert Gold Dr. : Cholla/Amador	Golden Meadow Dr. : Selecta/Hardesty
Anaconda Dr.: Grand/Sage	Desert Gold Dr. : Grand/Sage	Grand Av. : Kismet/Joshua Dr.
Aranza Ct.: Bolero/End	Dumosa Av. : San Andreas/Juarez	Hardesty Dr. : Joshua Ln/San Andreas
Asio Wy.: Golden Meadow/Jarana	Dumosa Ct. : Dumosa/End	Jarana Ct. : Condalia/End
Barberry Av./ Golden Bee/Juarez	El Dorado Dr. : Cholla/Amador	Juarez Dr. : Selecta/Golden Meadow
Bolero Dr.: Selecta/End	El Dorado Dr. : Grand/Sage	Juarez Dr. : Bolero/Hardesty
Bonanza Dr.: Cholla/Amador	El Dorado Dr. : Deer/End	Juarez Ct. : Juarez/End
Bonanza Dr.: Grand/Sage	El Dorado Dr. : Desert Gold/Free Gold	Millstone Dr. : Golden Meadow/Selecta
Bannock Tr.: Golden Bee/End	Elk Tr. : Golden Bee/Elk Ct.	Selecta Av. : NW End/SE End
Carlyle Dr.: Cholla/Amador	Elk Ct. : Elk/End	Taft Ct. : Jarana/End
Carlyle Dr.: Grand/Sage	Facia Wy. : Bolero/Golden Meadow	Titan Ct. : Dumosa/End
Carlyle Dr.: W. End/Cholla	Free Gold Dr. : Grand/Sage	
Condalia Av: Juarez/Golden Bee	Free Gold Dr. : Desert Gold/W End	
Cholla Av. : Carlyle/Joshua Dr.	Free Gold Dr. : Deer/End	

Status:
Schedule: Construction to start July 2020

Project Cost Estimate	
PA/ED	N/A
PS&E	N/A
ROW/Property Acquisition	N/A
Construction	482,408
Total	482,408

Fund Source	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Unrestricted Meas I 524					*482,408
Total					482,408

* TOTAL INCLUDES 12.5% INDIRECT COST ESTIMATE.



Town of Yucca Valley, California
 Capital Improvement Program

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**

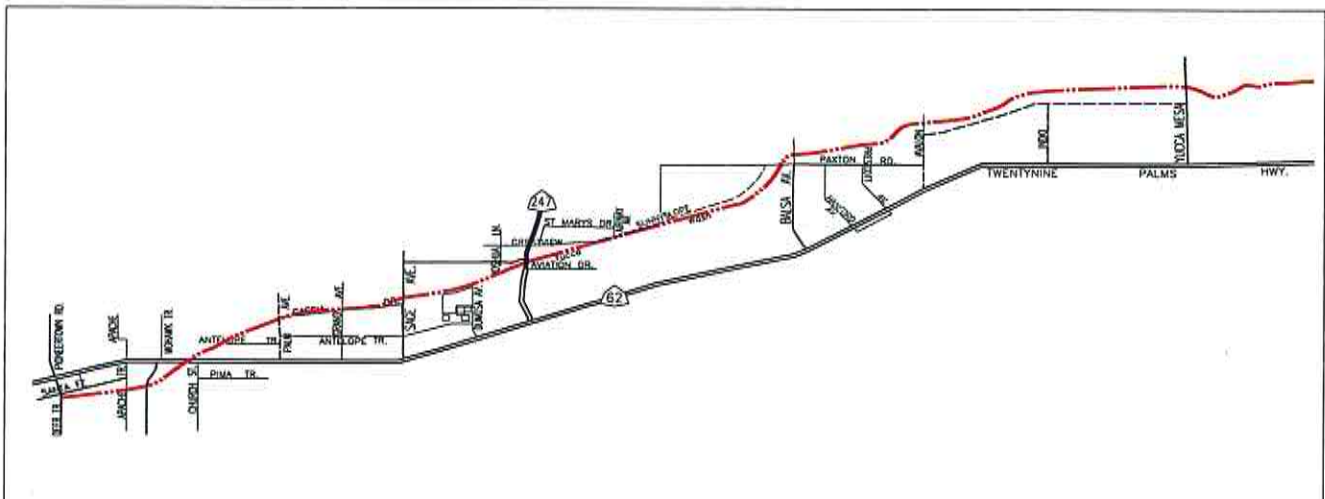
<u>CONVEYANCE FACILITIES</u>	<u>FACILITY NO.</u>	<u>NON-DETAINED</u>	<u>DETAINED</u>
Yucca Wash	Y01	27,804,000	22,118,000
Hanford Avenue Drain	Y01-01	3,011,000	3,011,000
Crestview Wash	Y01-02	203,000	203,000
Yucca Wash Tributaries	Local	608,000	608,000
West Burnt Mtn. Wash	Y02	14,331,000	7,768,000
East 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
<u>DETENTION FACILITIES</u>			
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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

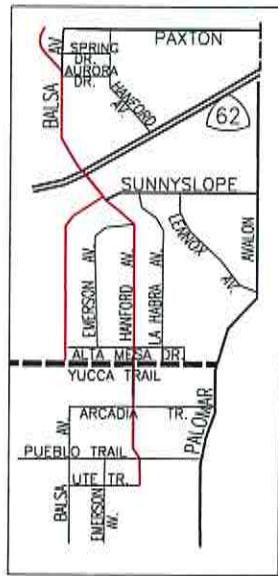


HANFORD AVENUE DRAIN

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

<u>Project Cost Estimate *</u>	<u>Non-Detained</u>	<u>Detained</u>
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.*

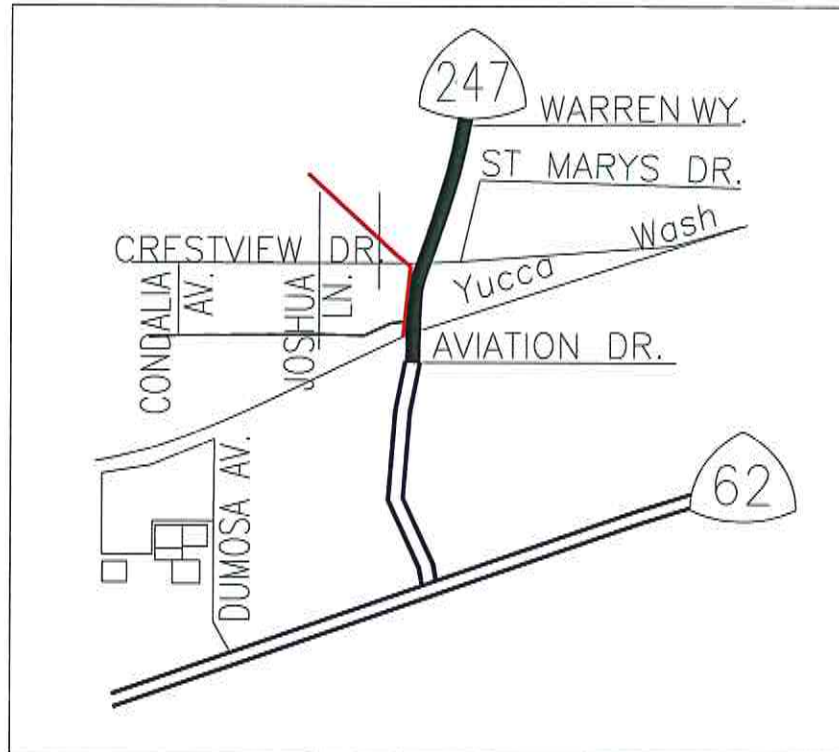


CRESTVIEW WASH

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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 Tetemer & Associates, Inc.*

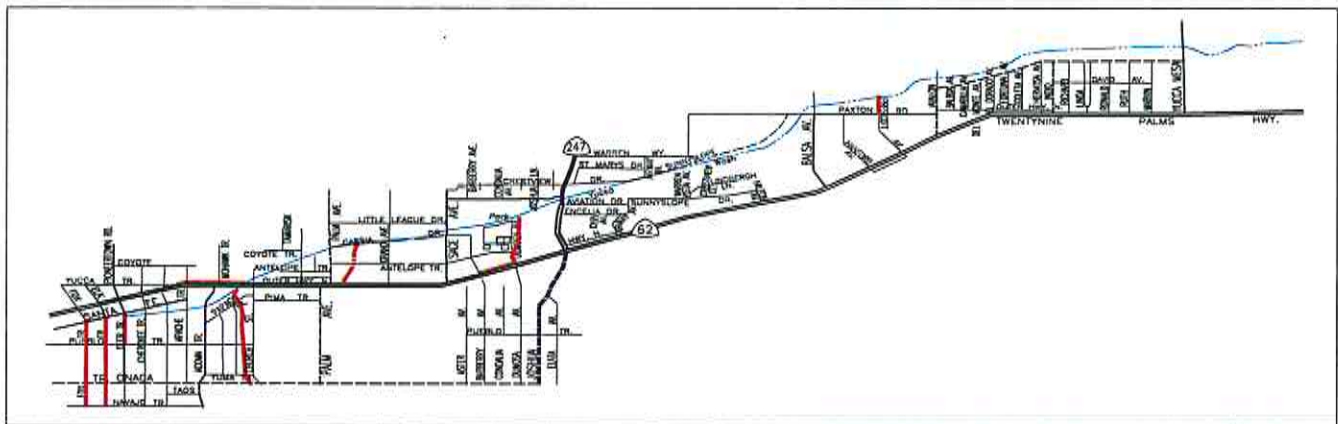


YUCCA WASH TRIBUTARIES

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*	<u>Non-Detained</u>	<u>Detained</u>
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.*

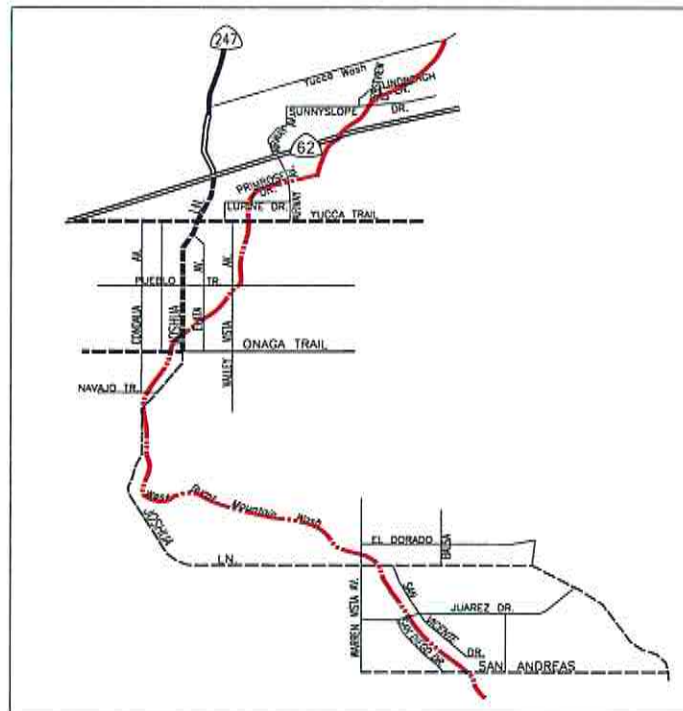


WEST BURNT MTN. WASH

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*	<u>Non-Detained</u>	<u>Detained</u>
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.

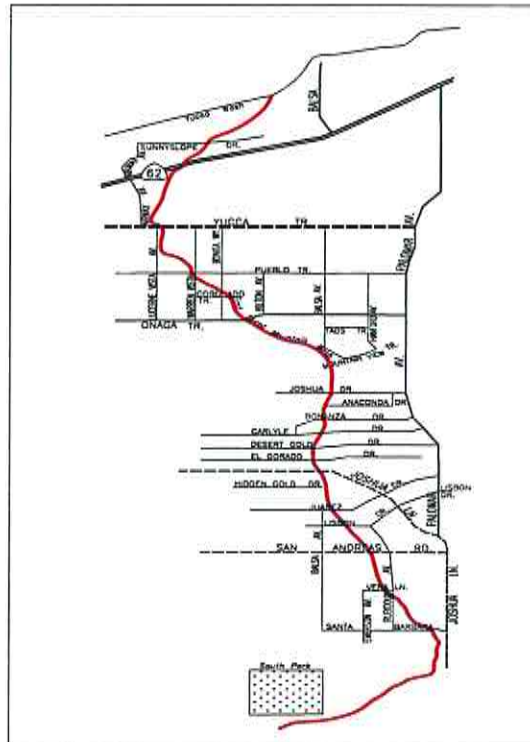


EAST BURNT MTN. WASH

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

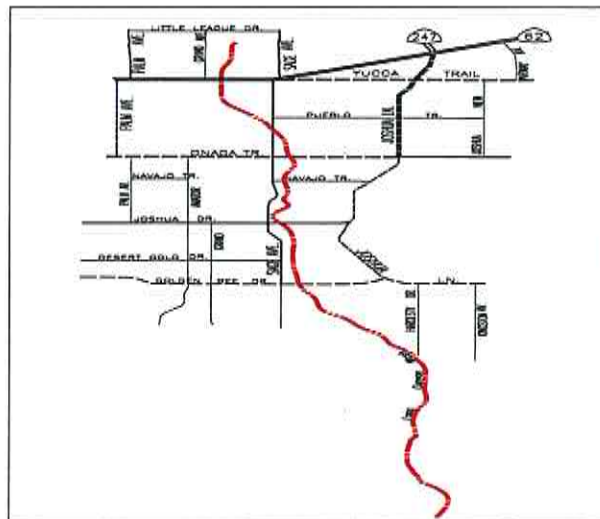


LONG CANYON CHANNEL

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

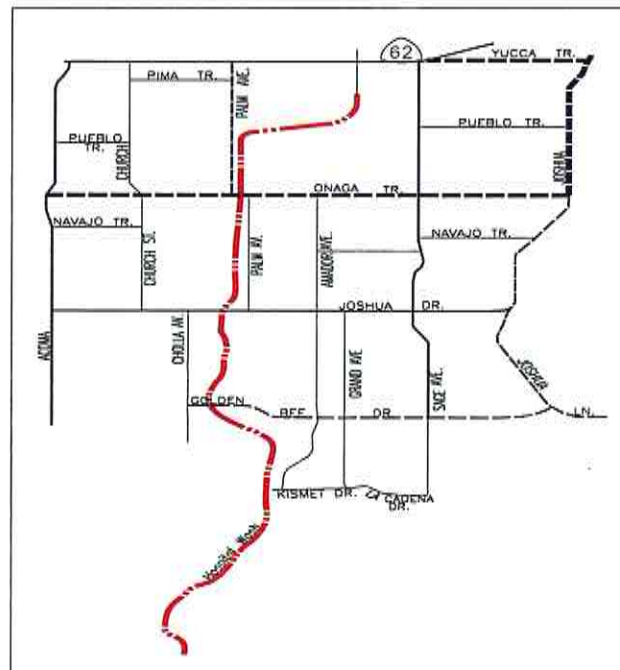


HOSPITAL CHANNEL

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.*

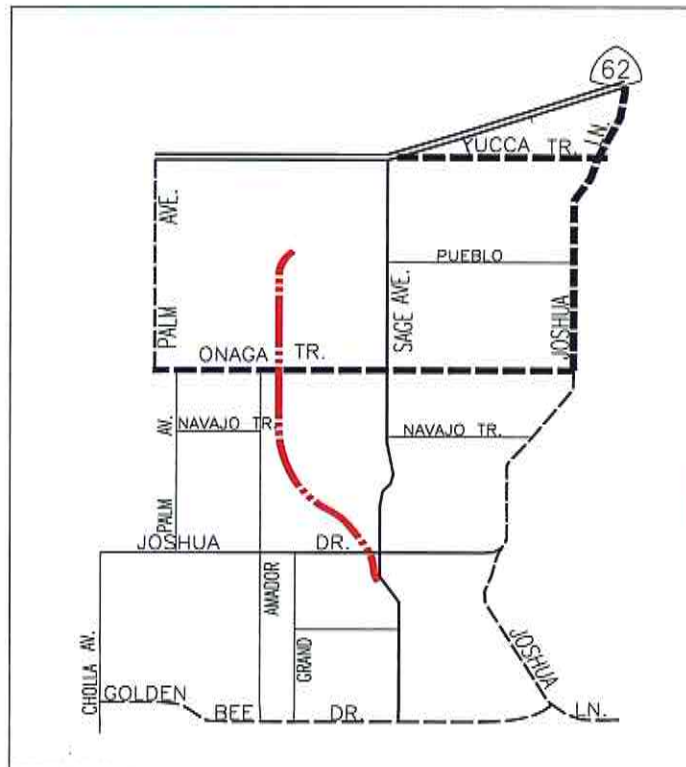


HIGH SCHOOL CHANNEL

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*	<u>Non-Detained</u>	<u>Detained</u>
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.

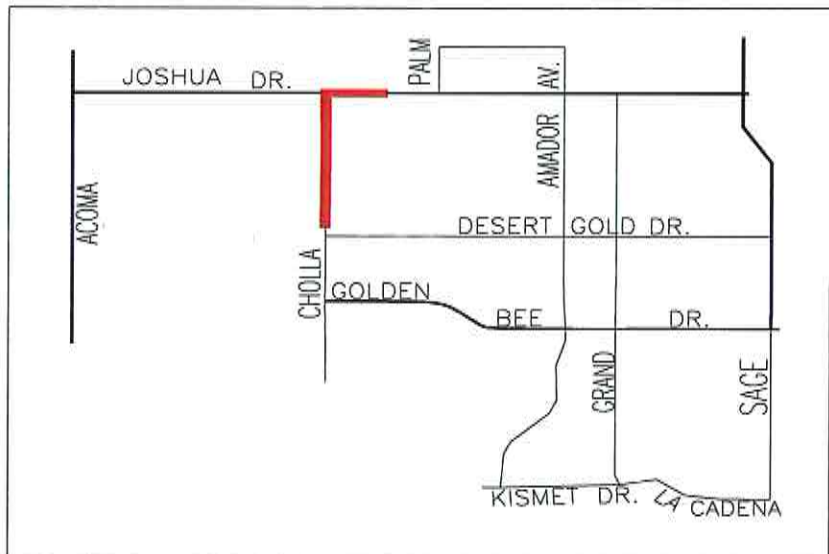


CHOLLA AVENUE DRAIN

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

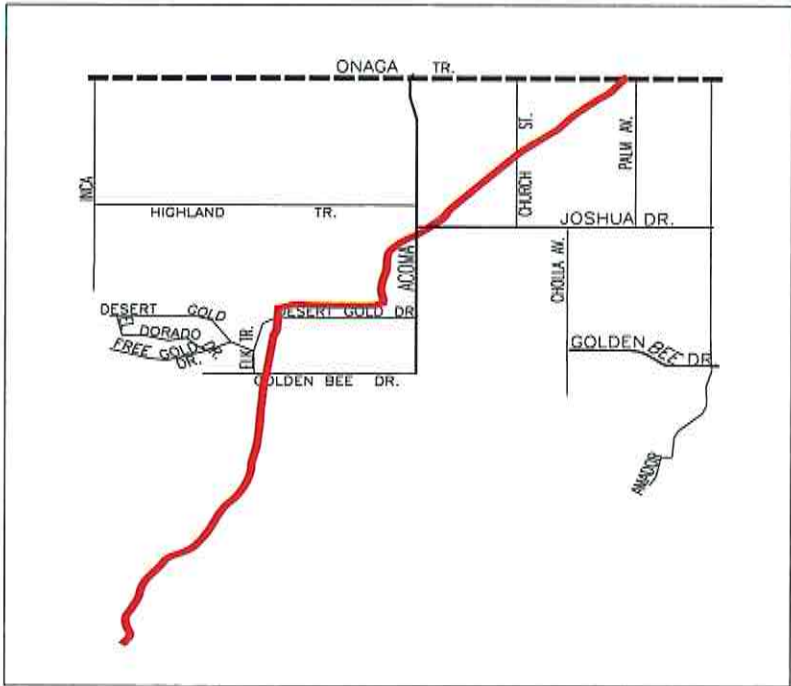


ACOMA CHANNEL

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*	<u>Non-Detained</u>	<u>Detained</u>
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.*

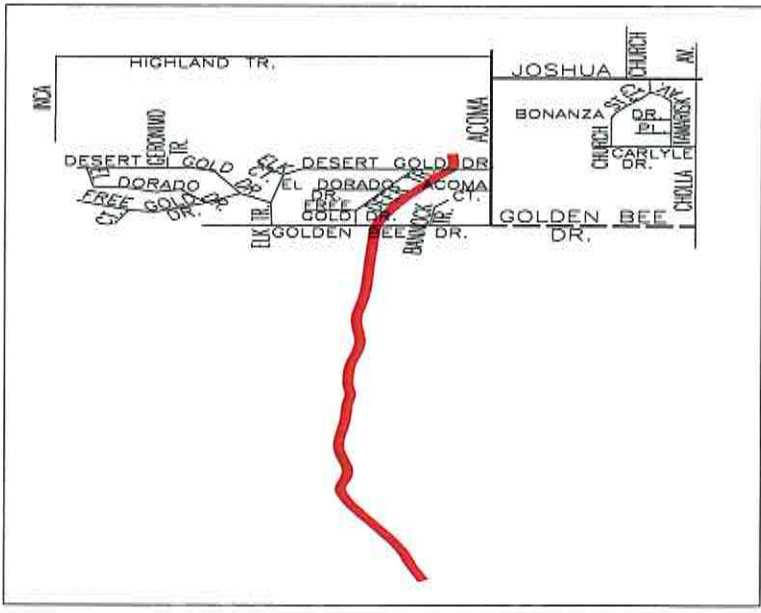


DEER TRAIL CHANNEL

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*	<u>Non-Detained</u>	<u>Detained</u>
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.

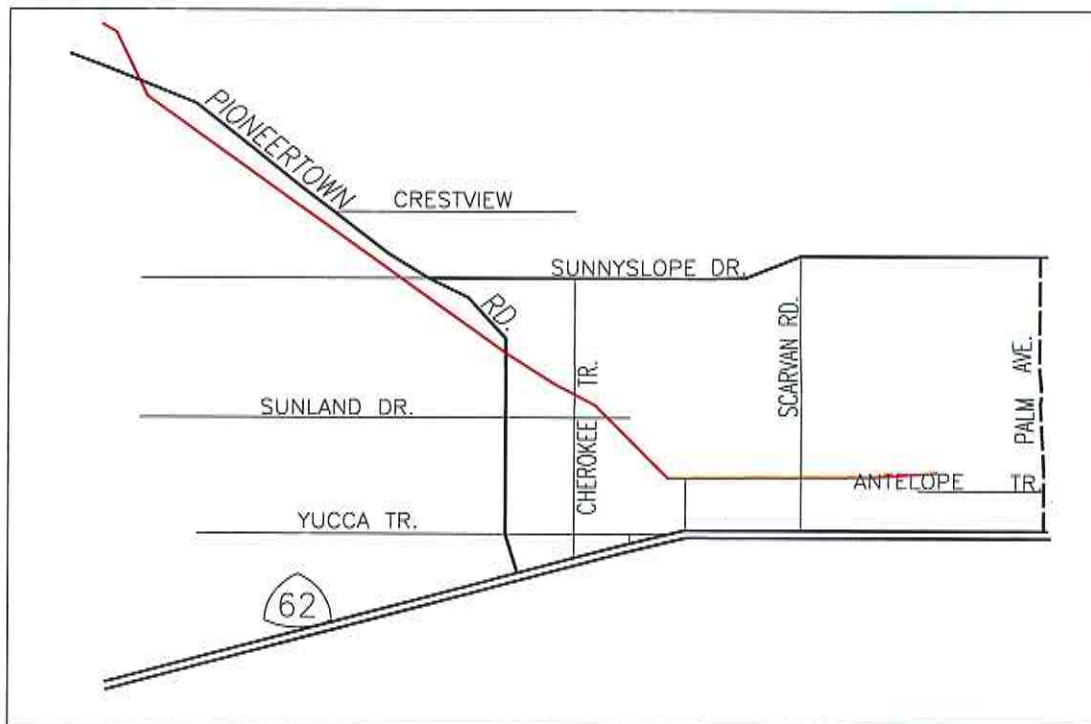


WATER CANYON CHANNEL

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 Tetemer & Associates, Inc.

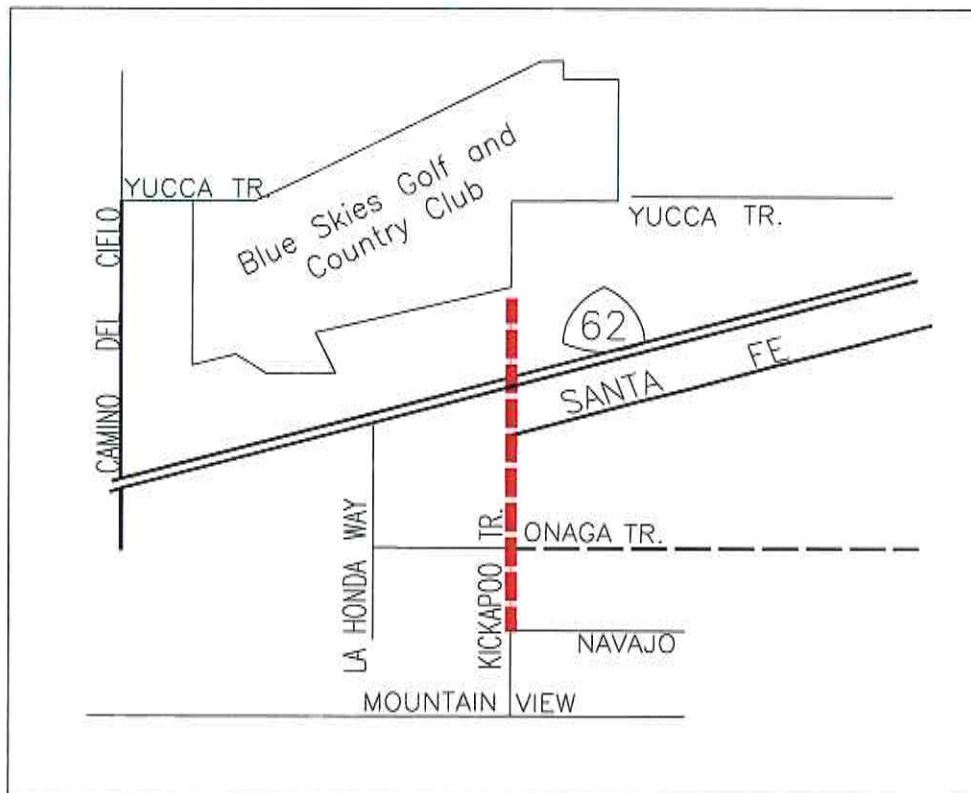


KICKAPOO DRAIN

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*	<u>Non-Detained</u>	<u>Detained</u>
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.

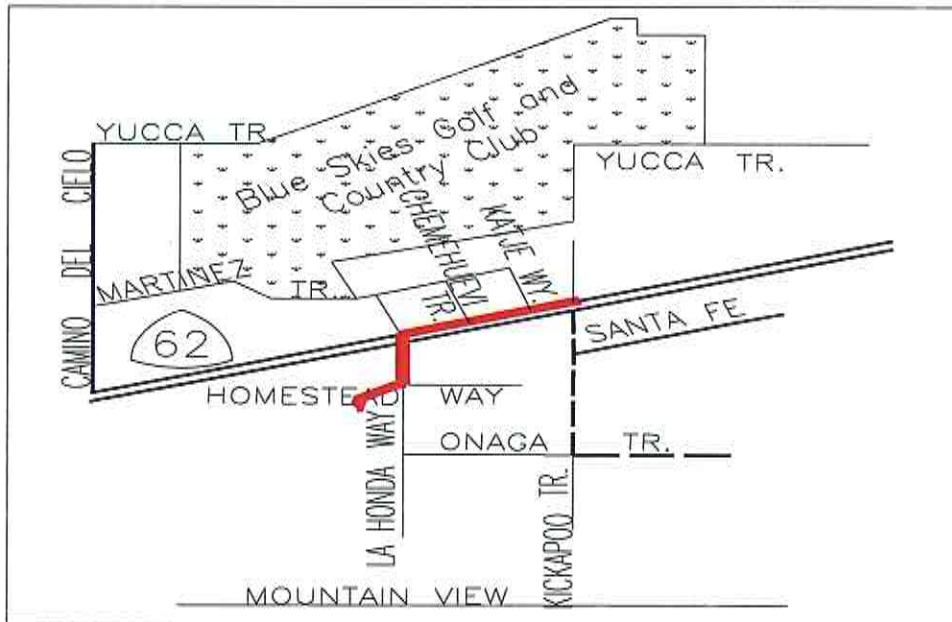


LA HONDA DRAIN

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

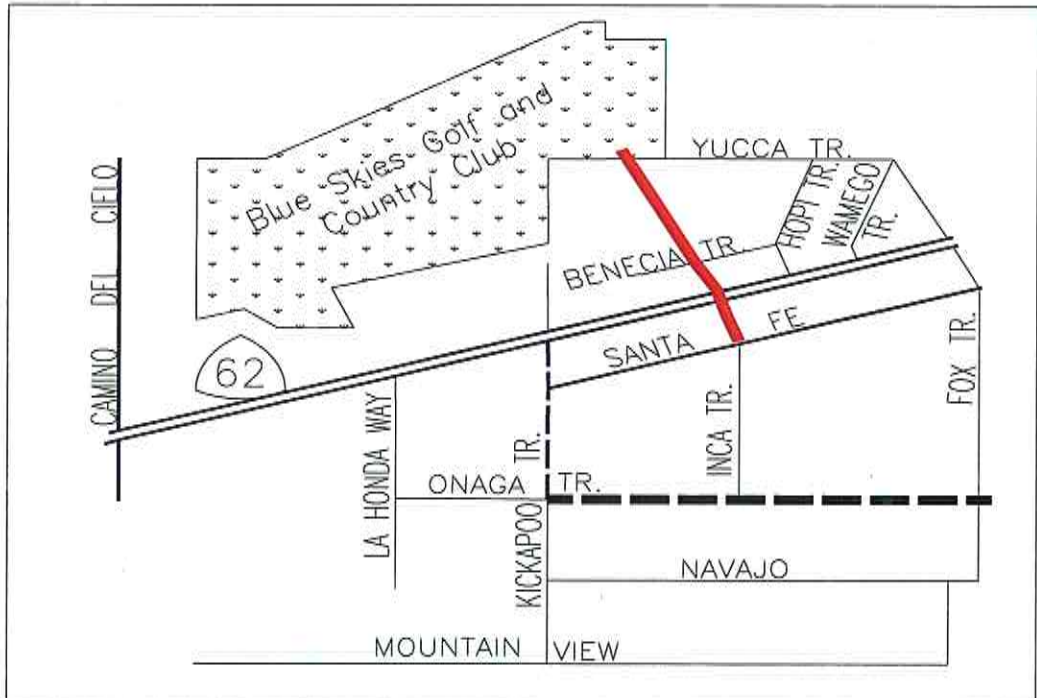


INCA TRAIL WASH

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*	<u>Non-Detained</u>	<u>Detained</u>
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.

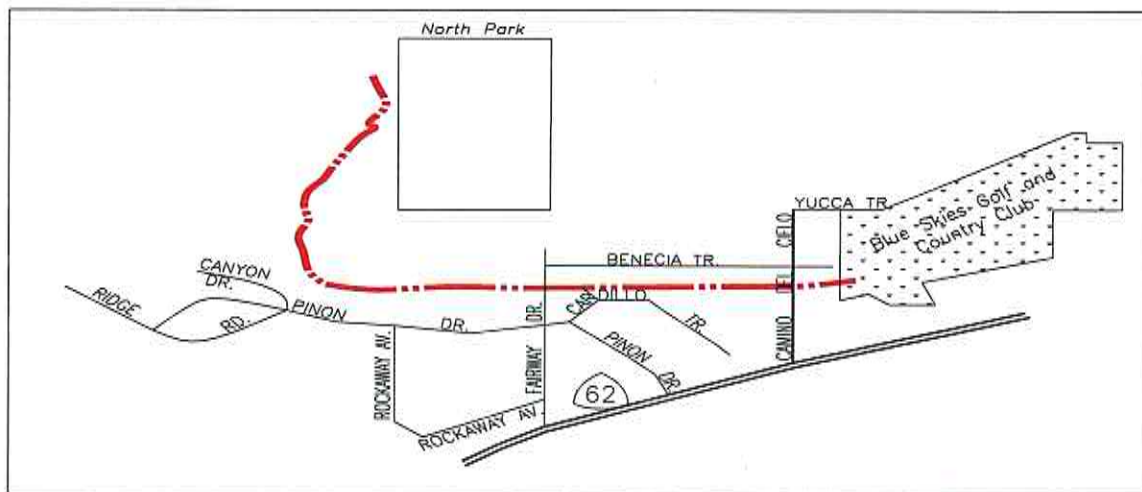


PINON CREEK

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

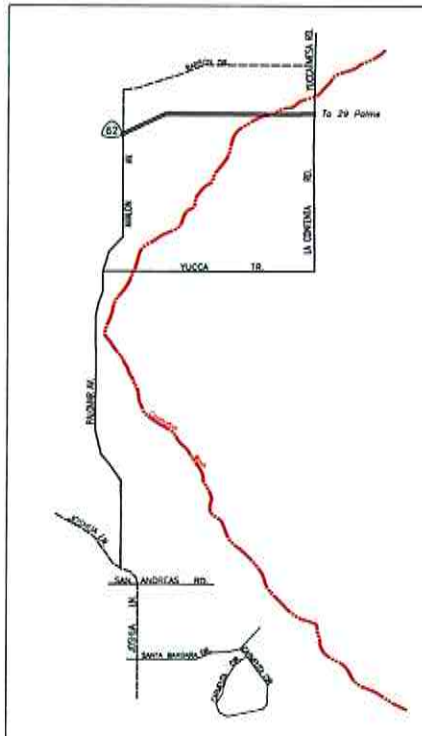


COVINGTON WASH

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

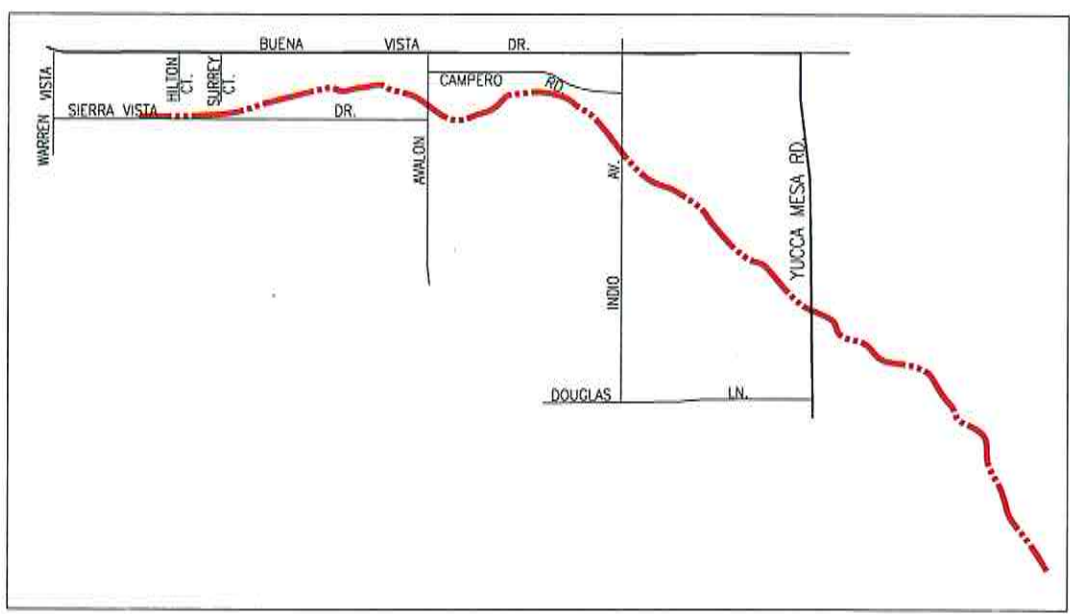


SIERRA VISTA WASH

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.*

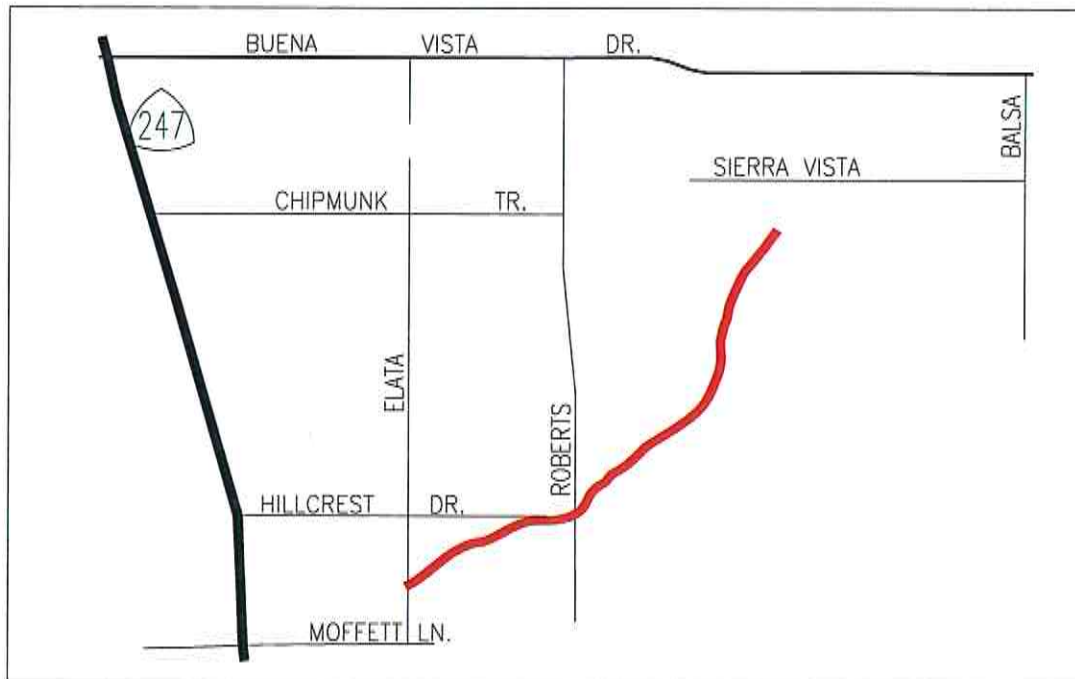


HILLCREST WASH

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

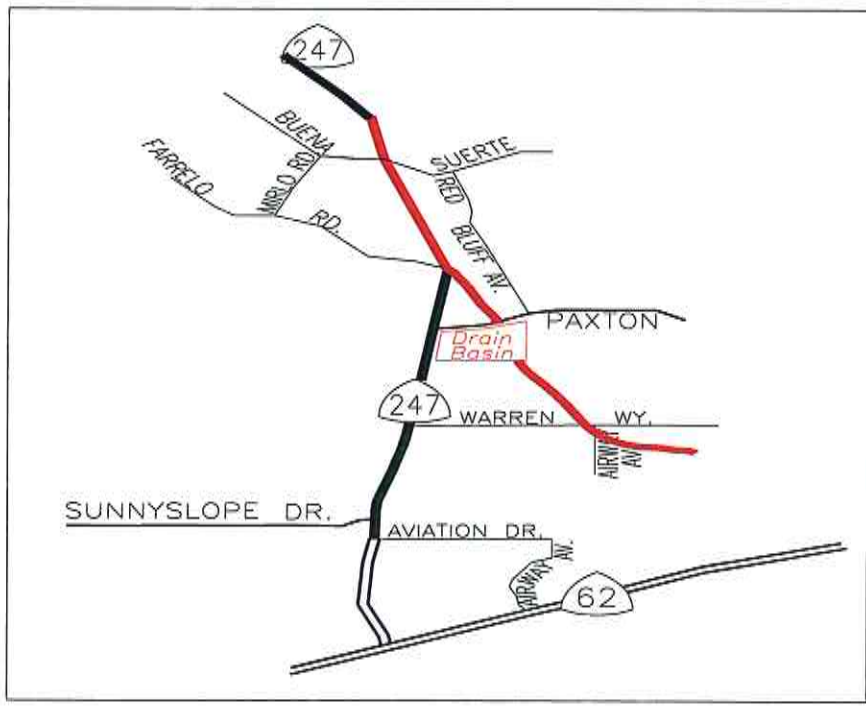


OWS CHANNEL

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 Cost Estimate*	<u>Non-Detained</u>	<u>Detained</u>
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.

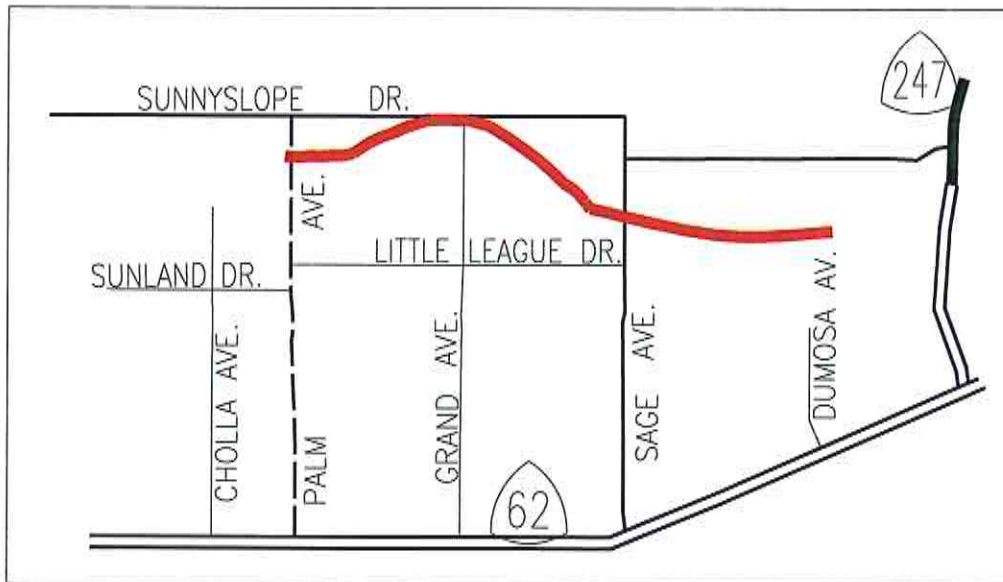


BUENA VISTA WASH

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

<u>Project Cost Estimate*</u>	<u>Non-Detained</u>	<u>Detained</u>
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.

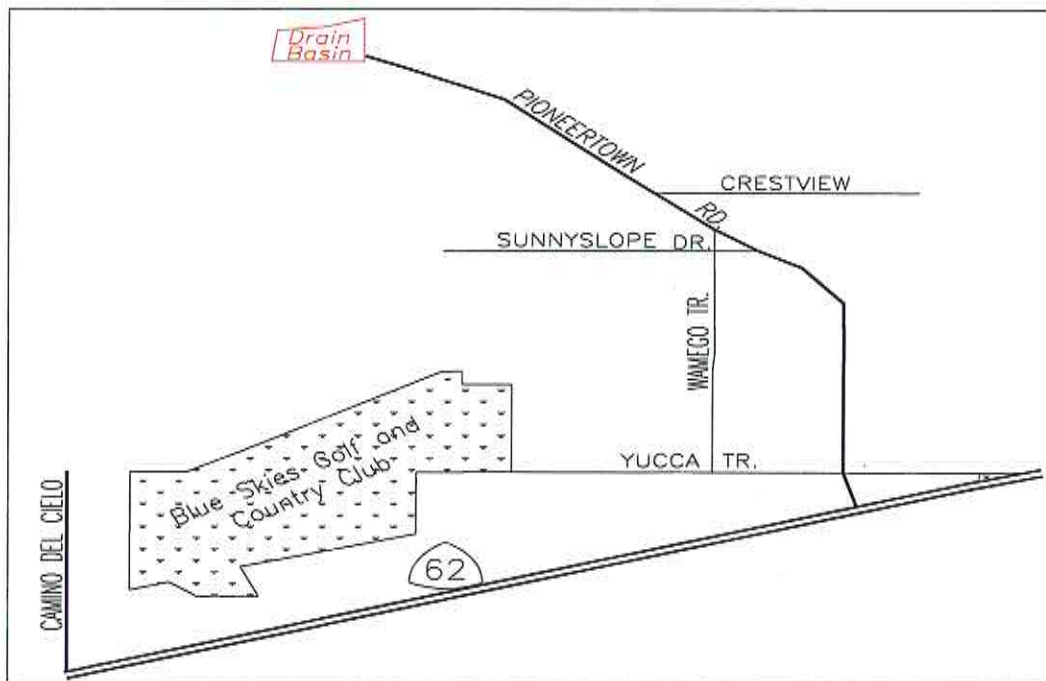


WATER CANYON BASIN

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.

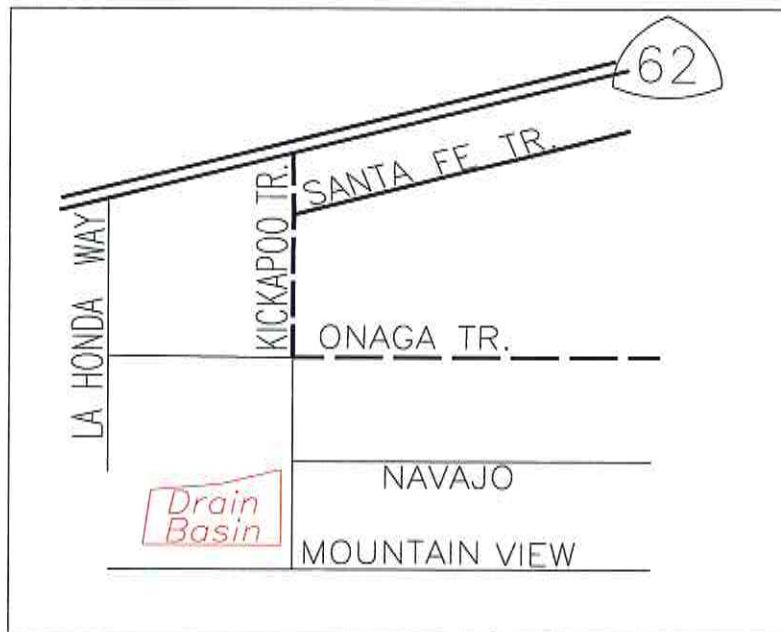


KICKAPOO BASIN

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.

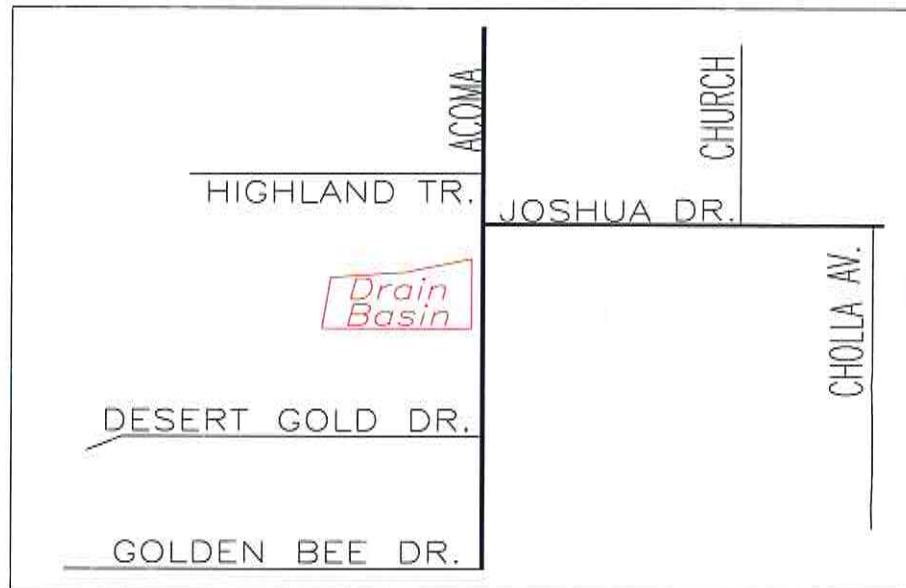


ACOMA BASIN

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 Tetemer & Associates, Inc.



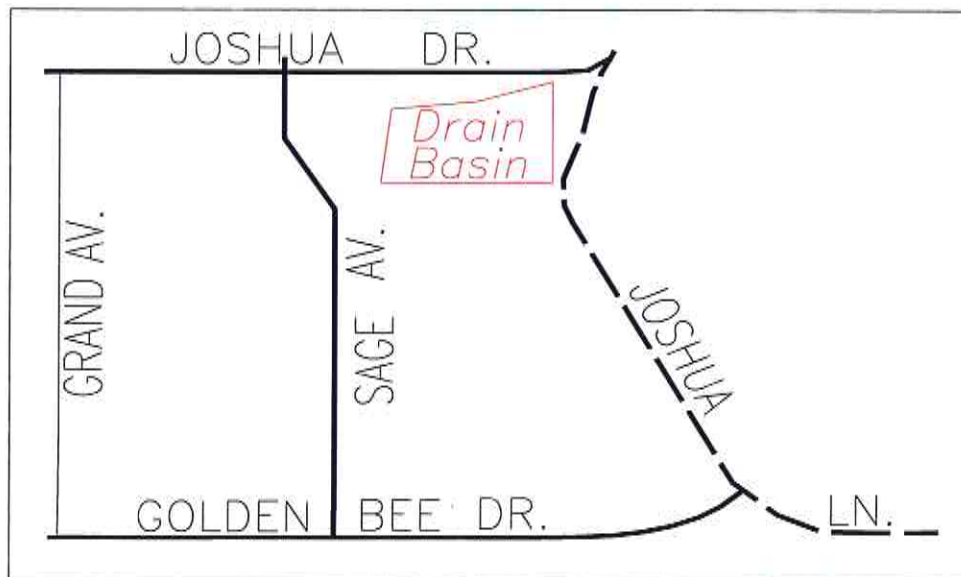
LONG CANYON BASIN

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.*

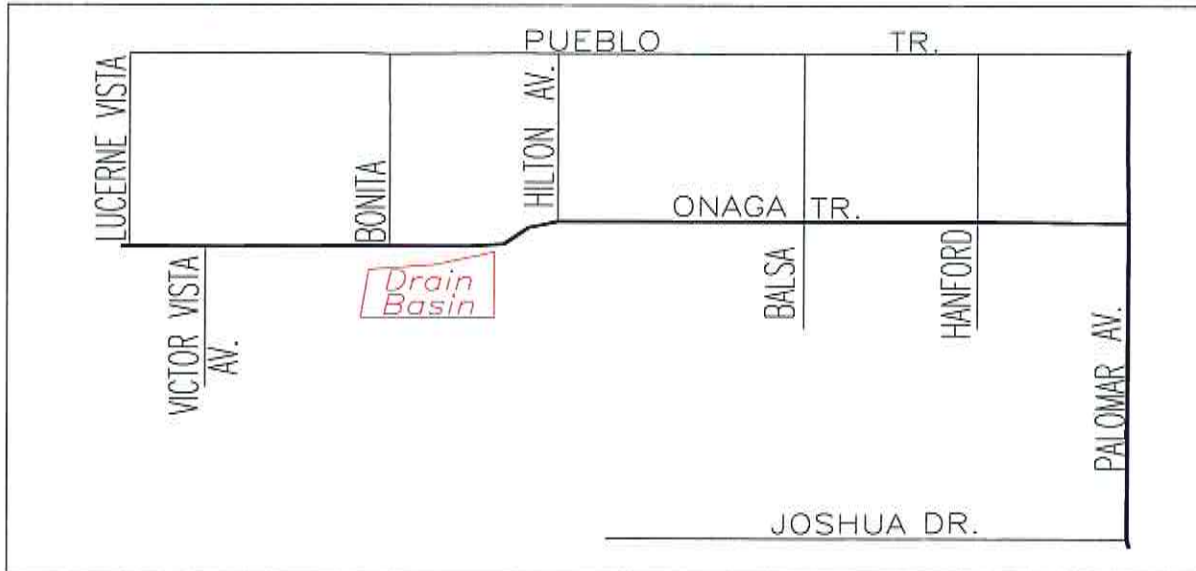


EAST BURNT MTN. BASIN

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.

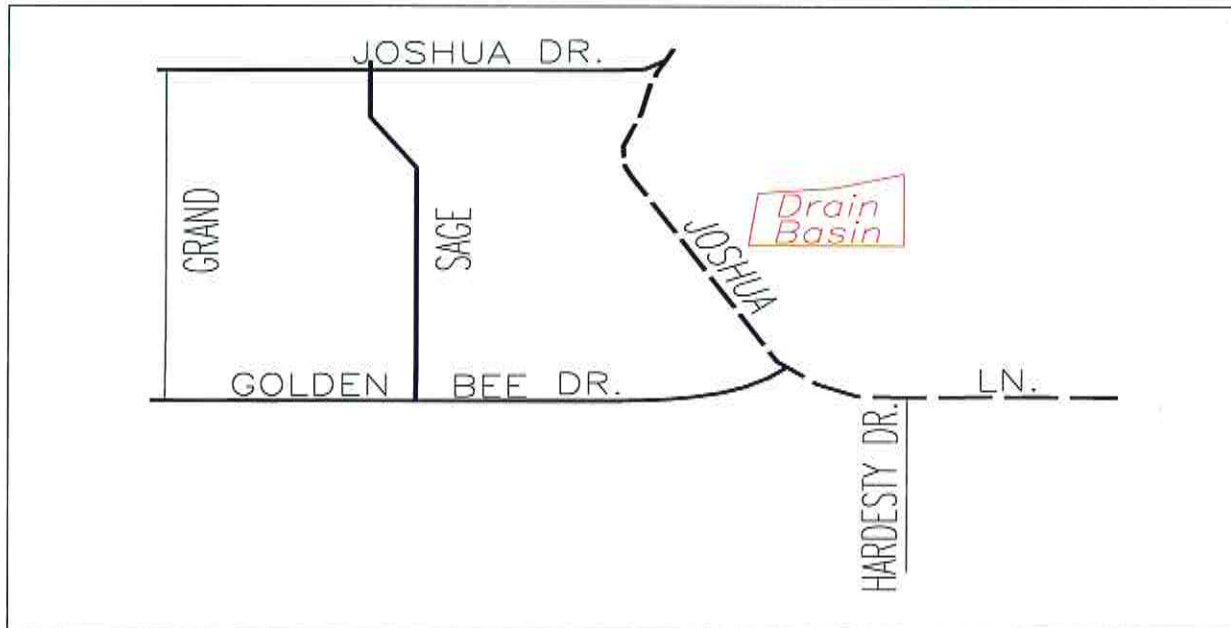


WEST BURNT MTN. BASIN

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/Property 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

<u>Project Cost Estimate *</u>	
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**

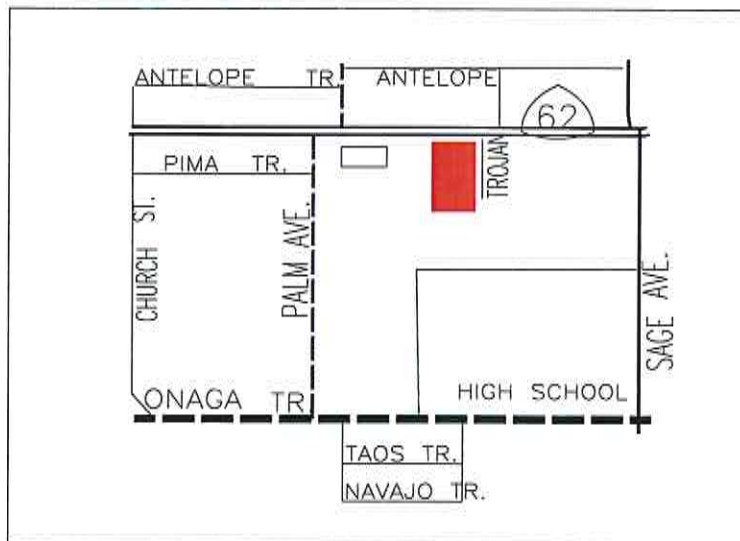
Multigenerational Community Center Complex	20,080,000
Performing Arts Facility	8,400,000
Yucca Valley Events Showground & Equestrian Center	60,000,000
New Boys & Girls Club	15,325,000
East End Community Sports Park in Coordination with La Contenta Middle School	3,500,000
Aquatics Center Complex in Coordination 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
Community Center Softball Field Scorekeeper Booths	41,000
TOTAL:	\$ 157,446,000

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*

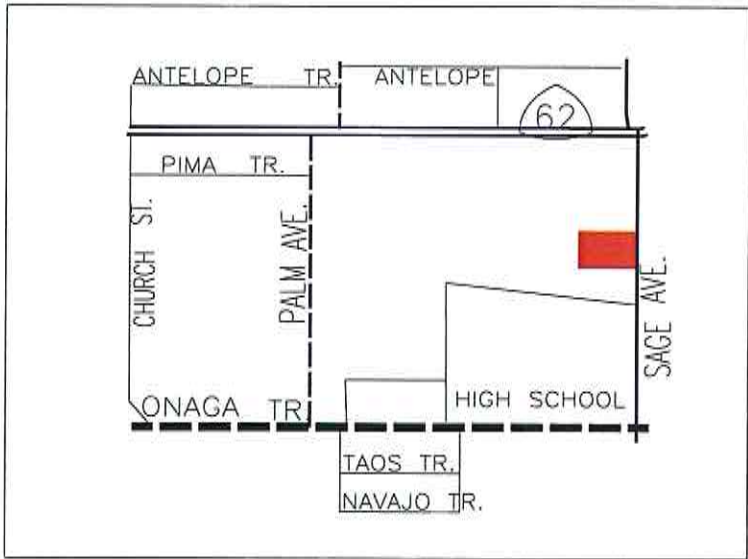


PERFORMING ARTS FACILITY

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*

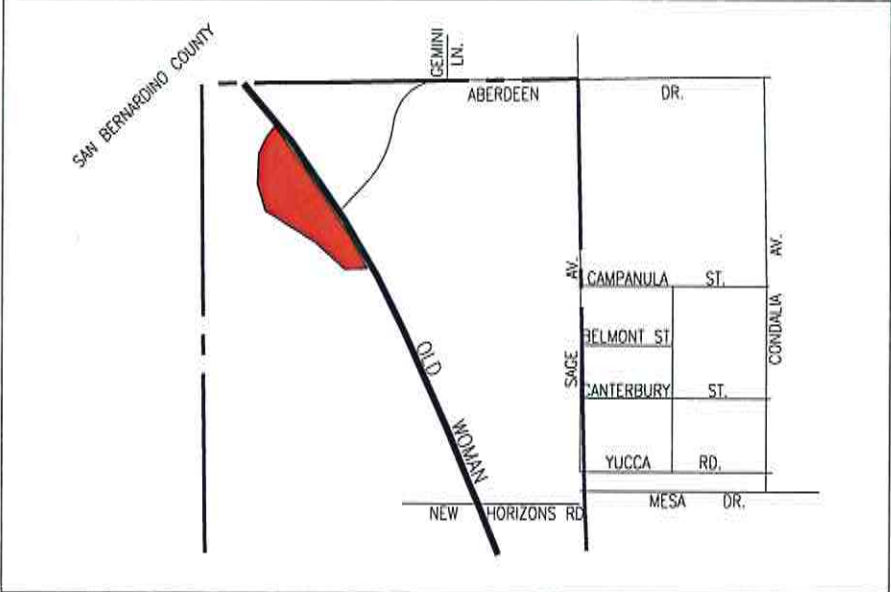


YUCCA VALLEY EVENTS SHOWGROUND & EQUESTRIAN CENTER

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*

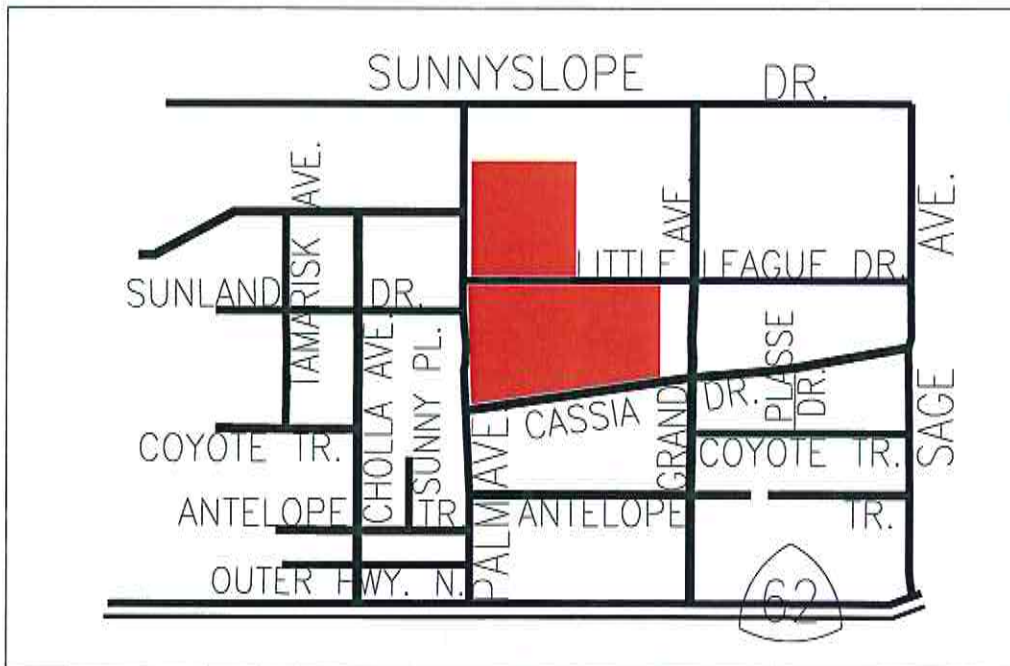


NEW BOYS & GIRLS CLUB WITHIN BREHM PARK MASTER PLAN

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

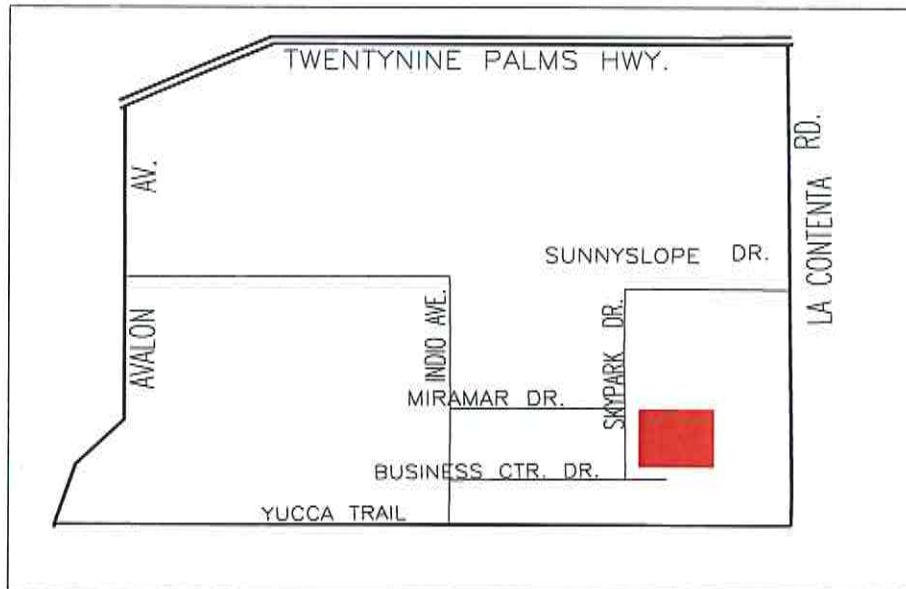


EAST END COMMUNITY SPORTS PARK IN COORDINATION WITH LA CONTENTA MIDDLE SCHOOL

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*

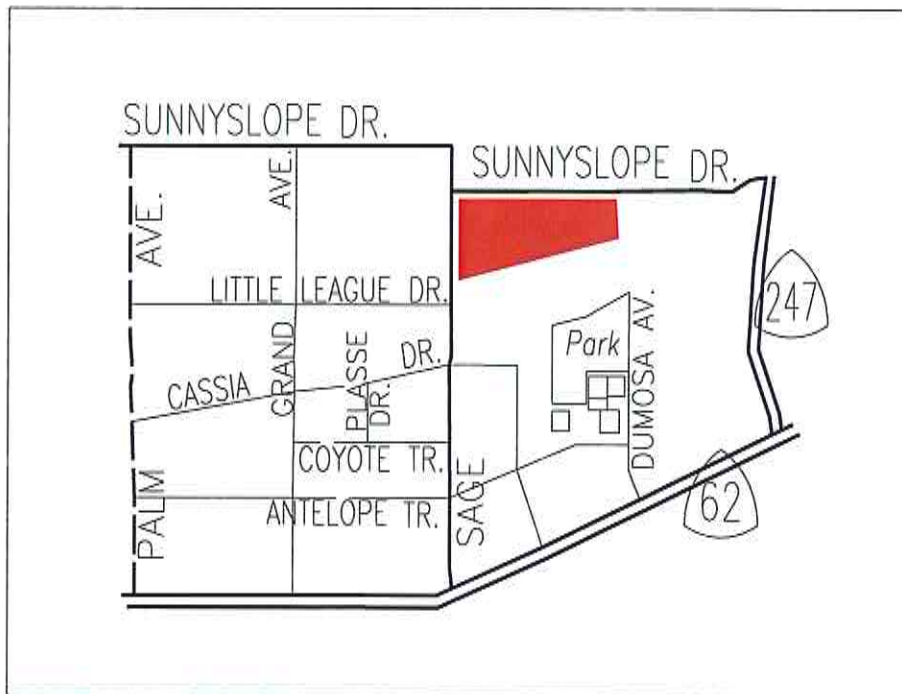


AQUATICS CENTER COMPLEX IN COORDINATION WITH IMPROVEMENTS TO SUNNYSLOPE PARK

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*

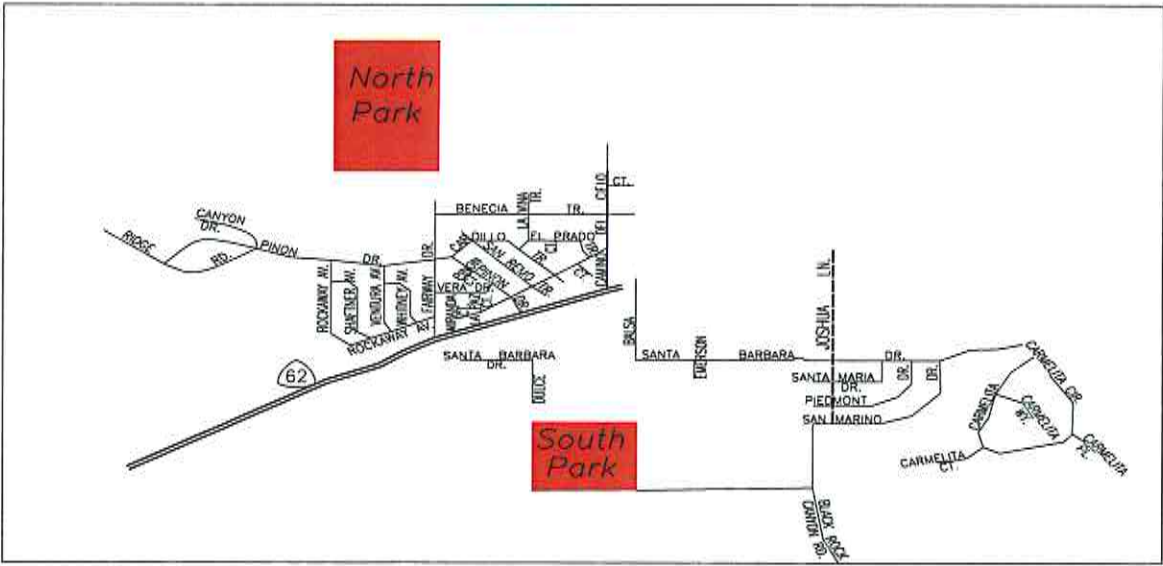


TRAIL HEAD AND SELF-GUIDED NATURE TRAIL AT NORTH PARK AND SOUTH PARK

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



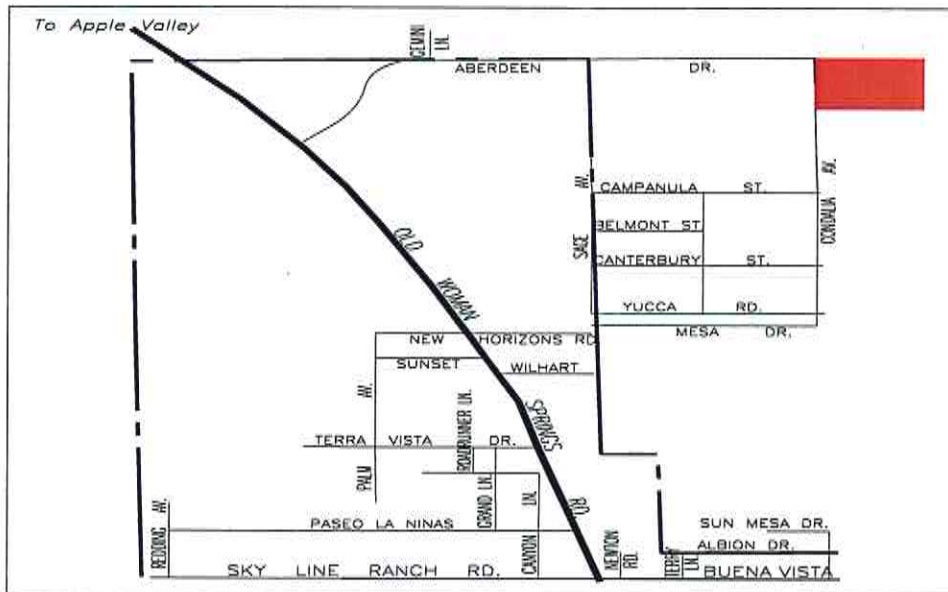
YUCCA MESA COMMUNITY PARK

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

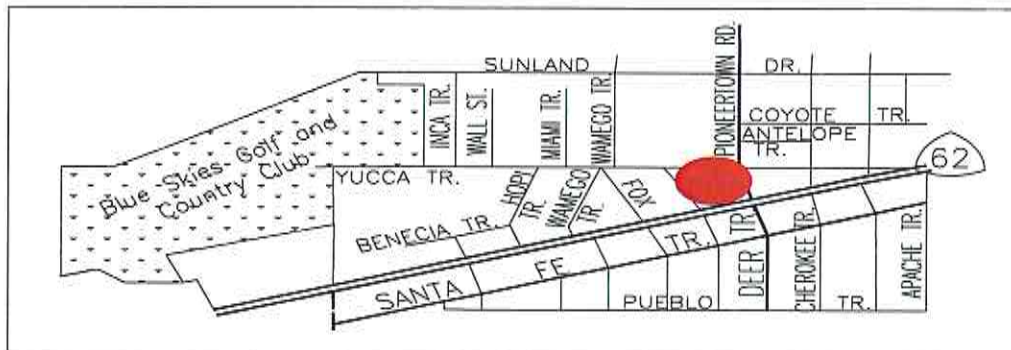


OLD TOWN SPECIFIC PLAN CULTURAL CORRIDOR

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*



COMMUNITY CENTER SOFTBALL FIELD SCOREKEEPER BOOTHS

Project No.	N/A
Category:	Parks & Recreational Facilities
Description:	Two Scorekeeper Booths: Package utility building, two-level design, roll-up window, with electrical power and concrete walkway.
Limits:	Community Center Softball Field
Status:	Unfunded
Schedule:	N/A

Project Cost Estimate

PA/ED	N/A
PS & E	4,000
ROW/Property Acquisition	N/A
Construction	35,000
Administration/Inspection	2,000
Total	41,000

