



Town of Yucca Valley



Five-Year Capital Improvement Program FY 2022/23 – 2026/27

Community Development Department
APRIL 2022

Town Council

The Town Council works together to make policy, set strategic priorities, and direct the staff regarding operations of the local government.



Mayor Jim Schooler

District 1

Date Elected: November 2018

Term Expires: December 2022



Mayor Pro Tem Rick Denison

District 5

Date Elected: November 2014

Date Re-appointed: 2018

Term Expires: December 2022



Council Member Merl Abel

District 3

Date Elected: November 2014

Date Re-elected: 2018

Term Expires: December 2022



Council Member Robert Lombardo

District 4

Date Elected: November 2012

Date Re-elected: 2016, 2020

Term Expires: December 2024



Council Member Jeff Drozd

District 2

Date Elected: November 2016

Date Re-elected: 2020

Term Expires: December 2024

District Map

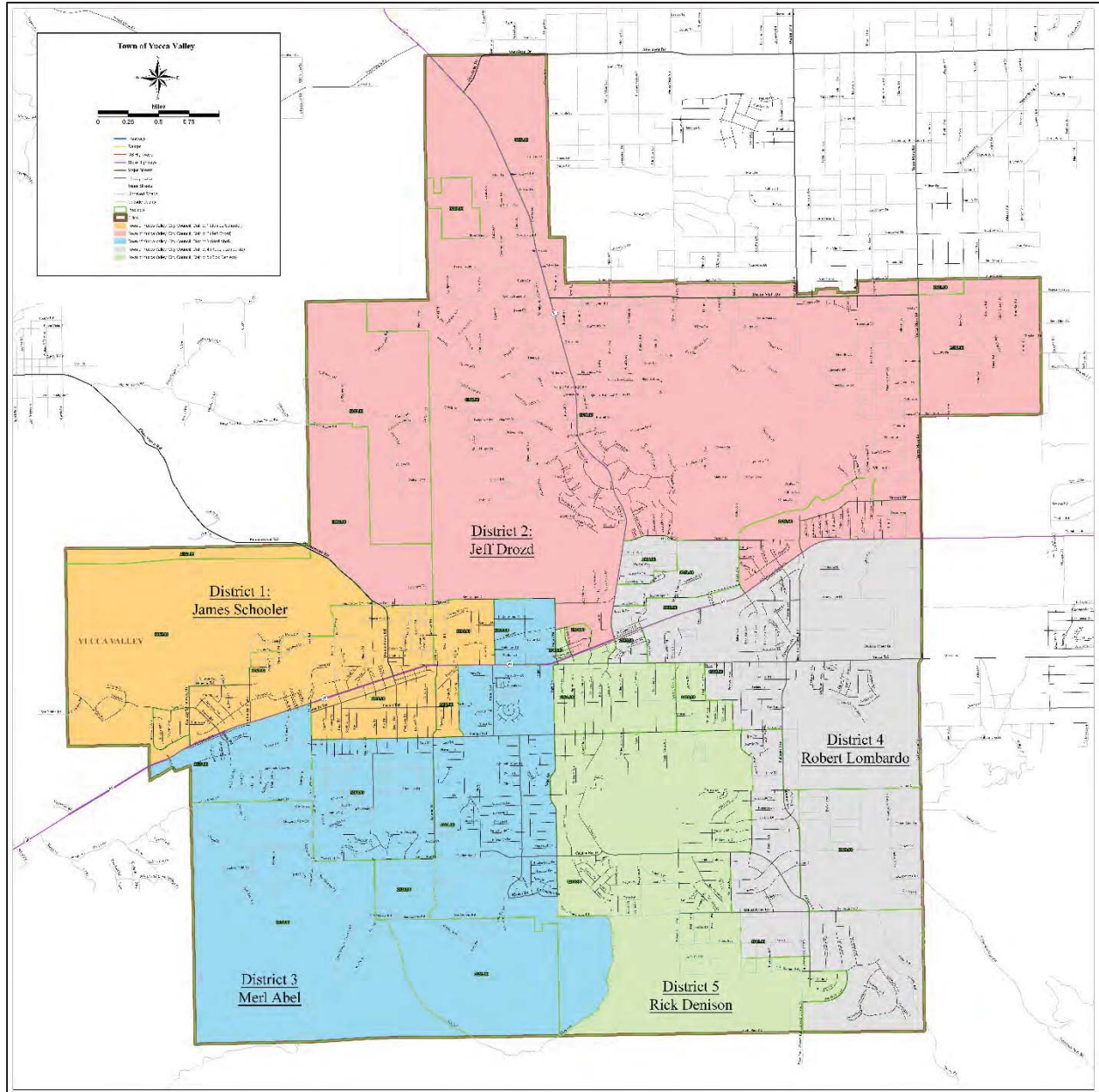


Table of Contents

SECTION I FISCAL YEAR 2021/2022 PROJECT DESCRIPTIONS.....	2
STREETS & HIGHWAYS	3
PARKS & RECREATION FACILITIES	13
PUBLIC FACILITIES	19
TOWN-OWNED PROPERTY.....	21
SECTION II FISCAL YEAR 2022/2023 PROJECT DESCRIPTIONS.....	23
STREETS & HIGHWAYS	24
PARKS & RECREATION FACILITIES	31
SECTION III FISCAL YEAR 2023/2024 PROJECT DESCRIPTIONS.....	35
STREETS & HIGHWAYS	36
PARKS & RECREATION FACILITIES	42
SECTION IV FISCAL YEAR 2024/2025 PROJECT DESCRIPTIONS	44
STREETS & HIGHWAYS	45
PARKS & RECREATION FACILITIES	51
SECTION V FISCAL YEAR 2025/2026 PROJECT DESCRIPTIONS	53
STREETS & HIGHWAYS	54
PARKS & RECREATION FACILITIES	59
SECTION VI UNFUNDED PROJECTS	60
SECTION VI UNFUNDED PROJECTS	60
APPENDIX FUNDING SOURCES.....	60
APPENDIX FUNDING SOURCES.....	60

CAPITAL IMPROVEMENT PROJECTS - FISCAL YEAR TOTALS

Fiscal Year 2022-2023

Streets & Highways	\$ 5,327,349.18
Parks & Recreation Facilities	\$ 15,303,724.08
Public Facilities	\$ 369,000.00
Town Owned Properties	\$ 0.00
Total	\$ 21,000,073.26

Fiscal Year 2023-2024

Streets & Highways	\$ 2,391,246.47
Parks & Recreation Facilities	\$ 17,080,257.42
Public Facilities	\$ 0.00
Town Owned Properties	\$ 0.00
Total	\$ 19,471,503.89

Fiscal Year 2024-2025

Streets & Highways	\$ 2,827,811.00
Parks & Recreation Facilities	\$ 135,049.33
Public Facilities	\$ 0.00
Town Owned Properties	\$ 0.00
Total	\$ 2,962,860.33

Fiscal Year 2025-2026

Streets & Highways	\$ 2,277,498.00
Parks & Recreation Facilities	\$ 137,750.32
Public Facilities	\$ 0.00
Town Owned Properties	\$ 0.00
Total	\$ 2,415,248.32

Fiscal Year 2026-2027

Streets & Highways	\$ 4,350,595.17
Parks & Recreation Facilities	\$ 140,505.33
Public Facilities	\$ 0.00
Town Owned Properties	\$ 0.00
Total	\$ 4,491,100.50

SECTION I

FISCAL YEAR 2022/2023
PROJECT DESCRIPTIONS

STREETS & HIGHWAYS

ONAGA TRAIL IMPROVEMENTS (ATP)	
Project #.	7005
Category	Streets & Highway
Description	Construction of sidewalks, curb and gutter, handicapped ramps, and driveway approaches.
Limit	Acoma Trail to Sage Avenue.
Status	Awarded Design to KOA on March 16, 2021
Schedule	Design to begin in FY 20/21 and end in FY 21/22 Construction to begin FY 22/23 and end in FY 22/23

Project Cost Estimate	
PA/ED	
PS&E	
ROW/Property-Acquisition	
Construction	\$2,061,674.00
Engineering/Inspection	\$90,000.00
Indirect Cost Recovery	\$197,000.00
Total	\$2,348,674.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 517	\$556,000.00				
Fund 524	\$1,068,674.00				
Fund 536	\$724,000.00				
Total	\$2,348,674.00				

Fund Source Description in Appendix

GENERAL STREET NOTES:

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS, THE STANDARD SPECIFICATIONS AND DRAWINGS FOR THE COUNTY OF SAN BERNARDINO AS ADOPTED BY THE TOWN OF YUCCA VALLEY AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION) AND CALTRANS STANDARD PLANS & SPECIFICATIONS WHEN SPECIFIED.
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY UNTIL PROJECT COMPLETION AND ACCEPTANCE AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE TOWN OF YUCCA VALLEY AND THE DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE TOWN OF YUCCA VALLEY OR DESIGN ENGINEER.
- CONSTRUCTION OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 8:00 a.m. AND 7:00 p.m., OR ANYTIME ON A SATURDAY, SUNDAY OR FEDERAL HOLIDAY, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL MAINTAIN ALL FACILITIES, COMPLETED AND UNCOMPLETED, UNTIL ACCEPTED BY THE TOWN.
- IMMEDIATELY FOLLOWING REMOVAL OF EXISTING PAVEMENT OR DIKE OR CURB AND/OR GUTTER, THE CONTRACTOR SHALL DILIGENTLY PURSUE THIS PORTION OF WORK UNTIL COMPLETION SO AS TO MINIMIZE DISRUPTION TO THE PUBLIC AND MINIMIZE EXPOSURE TO FLOOD-RELATED DAMAGE. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTY OWNERS FROM ANY AND ALL FLOOD DAMAGE. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE COURSES THROUGHOUT THE DURATION OF CONSTRUCTION SUCH THAT FLOODWATERS WILL NOT BE DAMMED OR DIVERTED WHICH COULD CONTRIBUTE TO FLOODING, EROSION OR DEPOSITION OF SAND OR OTHER DEBRIS.
- THE LOCATIONS OF KNOWN EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT.
- THE CONTRACTOR SHALL PROVIDE FOR THE TIE OUT OF ALL WATER VALVES AND SURVEY MONUMENTS, IF ANY, PRIOR TO CONSTRUCTION AND PRESENT A COPY OF SUCH TIES TO THE TOWN ENGINEER. SURVEY AND REPLACEMENT OF MONUMENTS OR BENCH MARKS SHALL BE DONE BY A REGISTERED CIVIL ENGINEER WITH AN R.C.E. NUMBER BELOW 55865, OR LICENSED LAND SURVEYOR ONLY. IF REQUIRED, APPROPRIATE CORNER RECORDS SHALL BE PREPARED AND FILED FOR RECORDATION.

SIGNING AND STRIPING NOTES:

- CONFLICTING STRIPING AND MARKING SHALL BE REMOVED BY SANDBLASTING OR GRINDING.
- ALL STRIPING AND MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFICALLY SHOWN TO BE PAINT.
- STRIPING SHALL NOT BE PAINTED OR INSTALLED SOONER THAN 24 HOURS AFTER PAVING.
- NO STRIPING OR MARKINGS SHALL BE PAINTED OR INSTALLED UNTIL LAYOUT AND SPOTTING HAVE BEEN SPECIFICALLY APPROVED BY THE TOWN ENGINEER.
- ALL PAINTING SHALL BE APPLIED IN TWO COATS WITH GLASS BEADS IN BOTH COATS. FIRST COAT TO BE THOROUGHLY DRY BEFORE PAINTING SECOND COAT.
- SIGN POSTS SHALL BE 2" SQUARE STEEL BREAKAWAY POSTS WITH PERFORATED HOLES AND HEAVY DUTY ANCHORS SET IN 1 C.F. CAST IN PLACE CONCRETE (MIN.).
- CONTRACTOR SHALL CONTACT THE TOWN ENGINEER FOR BLOCK NUMBERS PRIOR TO ORDERING STREET NAME SIGNS.

GRADING NOTES:

- ALL TRAVELED WAYS MUST BE KEPT CLEAN OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS A RESULT OF THE CONTRACTORS OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE TOWN ENGINEER.
- THE SITE SHALL BE WETTED DOWN AS NECESSARY DURING CONSTRUCTION TO MINIMIZE DUST GENERATION.
- THE EXISTING NATIVE MATERIAL WITHIN THE CONSTRUCTION AREA SHALL BE EXCAVATED AND/OR FILLED TO SUBBASE DESIGN ELEVATION IN ACCORDANCE WITH SECTION 300 - "EARTHWORK" OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION). SCARIFY AND COMPACT THE NATIVE MATERIAL 1 FOOT BELOW THE SUBBASE DESIGN GRADE TO 90 PERCENT OF MAXIMUM DENSITY AT 2 PERCENT OVER OPTIMUM WATER CONTENT PER ASTM D-1557. COMPACTION TESTING FOR SUBGRADE SHALL BE AS DESCRIBED IN THE PRESENT REPORT. SOAK COMPACTION IS REQUIRED IN THE TOP 6" OF SUBBASE MATERIAL. SUBGRADE ELEVATIONS FOR STREET SHALL NOT PROJECT ABOVE DESIGN ELEVATIONS.

TRAFFIC NOTES:

- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY OF MANUAL OR UNIFORM TRAFFIC CONTROLS (MUTCD) AND AS OTHERWISE DIRECTED BY THE TOWN ENGINEER.
- A "TRAFFIC CONTROL PLAN" SHALL BE SUBMITTED TO AND APPROVED BY THE TOWN OF YUCCA VALLEY PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS TO PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.
- ANY STREET CLOSURES REQUIRED DURING THE COURSE OF CONSTRUCTION WILL BE DONE SOLELY BY THE CONTRACTOR, AND ONLY UPON PRIOR APPROVAL OF THE TOWN OF YUCCA VALLEY. A MINIMUM NOTICE OF 48 HOURS SHALL BE PROVIDED TO THE PUBLIC AND AFFECTED AGENCIES (SCHOOL, POLICE, FIRE, ETC.)

NOTIFICATIONS:

CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES AT LEAST 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION:

ELECTRICAL	SOUTHERN CALIFORNIA EDISON	(909) 233-9831
GAS	SOUTHERN CALIFORNIA GAS	(909) 335-7524
TELEPHONE	FRONTIER COMMUNICATIONS	(760) 929-9491
CABLE	SPECTRUM/TIME WARNER CABLE	(760) 674-5433
WATER	HI-DESERT WATER DISTRICT	(760) 953-8673
SEWER	HI-DESERT WATER DISTRICT	(760) 365-8673

INDEX OF SHEETS:

SHEET 1	TITLE SHEET
SHEET 2	DETAIL SHEET
SHEET 3-6	STREET IMPROVEMENTS
SHEET 7	DRIVEWAY DETAIL SHEET
SHEET 8-11	DRIVEWAY CROSS SECTIONS
SHEET 12-13	SIGNING AND STRIPING

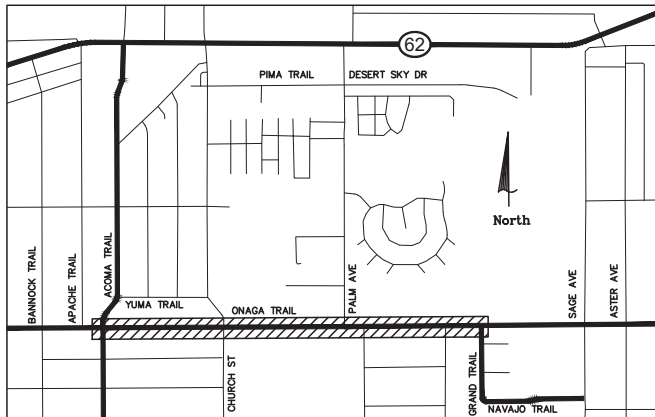


BENCH MARK NO.

ELEVATIONS SHOWN HEREON ARE BASED UPON THE SHIPNET NORTH AMERICA COAST, CANT. ELEVATION 308.65 FEET (MEAN DD).

MARK	DATE	INITIAL	REVISIONS	DATE	APP'D

TOWN OF YUCCA VALLEY CALIFORNIA PEDESTRIAN IMPROVEMENT PLANS FOR ONAGA TRAIL



PROJECT SITE **VICINITY MAP**
N.T.S.

LEGEND:

	CONSTRUCT P.C.C. SIDEWALK		EX. WATER METER
	CONSTRUCT A.C. PAVEMENT		EX. WATER VALVE
	CONSTRUCT P.C.C. DRIVEWAY		EX. MAIL BOX
	EXISTING CENTERLINE		EX. FIRE HYDRANT
	EXISTING RIGHT-OF-WAY		EX. POWER POLE
	EXISTING SIDEWALK		EX. STREET SIGN
	REMOVE EXISTING SIDEWALK		REMOVE MAIL BOX
	PROPOSED SIDEWALK		PROPOSED MAIL BOX
	EXISTING CURB & GUTTER		PROPOSED STREET SIGN
	PROPOSED CURB & GUTTER		

INSPECTION/MATERIAL NOTES:

- A "NO FEE" ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE TOWN OF YUCCA VALLEY PRIOR TO ANY CONSTRUCTION ON THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY THE TOWN A MINIMUM OF 48 HOURS PRIOR TO STARTING WORK. THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WITH THE TOWN OF YUCCA VALLEY A MINIMUM OF 48 HOURS ADVANCE NOTICE SHALL BE PROVIDED.
- THE CONTRACTOR, AT NO EXPENSE TO THE TOWN, SHALL PROVIDE ALL NECESSARY SAMPLES AND TESTS THAT THE TOWN ENGINEER MAY REQUIRE TO ASSURE THAT QUALITY OF MATERIAL AND WORKMANSHIP ARE IN ACCORDANCE WITH THE SPECIFICATIONS.
- MATERIALS CERTIFICATIONS AND MIX DESIGNS REQUIRED FOR CONCRETE OR ASPHALTIC CONCRETE WORK SHALL BE SUBMITTED TO THE TOWN OF YUCCA VALLEY FOR APPROVAL PRIOR TO USE ON THE PROJECT.
- ALL CONCRETE MIXES SHALL UTILIZE A MINIMUM OF 5 1/2 SACKS OF TYPE II PORTLAND CEMENT PER CUBIC YARD OF CONCRETE. CONCRETE SHALL BE CLASS 520-C-4000 PSI WITH FIBER.
- ALL 0.40X OR LESS CURB GRADE LINES SHALL BE STAKED AT 25' INTERVALS; FORMS SHALL BE INSPECTED BEFORE POURING CONCRETE.
- THE FLOWLINE OF ALL CURB & GUTTER AND RIBBON GUTTER SHALL BE WATER TESTED FOR PONDING IN THE PRESENCE OF THE INSPECTOR BEFORE ACCEPTANCE OF THE PROJECT.
- COMPACTION TESTS SHALL BE PROVIDED BY THE CONTRACTOR (OR AS PROVIDED IN THE CONTRACT) TO VERIFY COMPACTION OF: NATIVE SUBGRADE, AGGREGATE BASE COURSE, A.C. PAVEMENT, UTILITY TRENCHES AND CURB AND GUTTER SUBGRADE.
- EXCESS EARTH MATERIAL AND REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A LAWFUL MANNER. CONTRACTOR SHALL PROVIDE DUMP RECEIPTS OR OTHER SUITABLE DOCUMENTS AS REQUESTED BY THE TOWN ENGINEER. A GRADING PERMIT AND LONG-TERM DUST CONTROL MEASURES MAY BE REQUIRED FOR EXPORTED EARTH MATERIAL PLACED ON PRIVATE PROPERTY.

CONSTRUCTION NOTES

NO.	DESCRIPTION	QTY.
1	REMOVE EXISTING: • AC PAVEMENT • AC DRIVEWAY • PCC DRIVEWAY • CURB RAMP • CURB AND GUTTER • PILASTER • FENCE	37,000 SF 2,500 SF 5,800 SF 5 EA 800 LF 2 EA 100 LF
2	REMOVAL LIMIT. SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.	N/A
3	PROTECT IN PLACE.	N/A
4	ADJUST EXISTING UTILITY TO GRADE.	23 EA
5	RELOCATE EXISTING UTILITY, BY OTHERS.	N/A
6	REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.	1,650 TON
7	CONSTRUCT 6" CURB AND GUTTER OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.	6,100 LF
8	CONSTRUCT 4" THICK PCC SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 220.	33,000 SF
9	CONSTRUCT CURB RAMP PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 221. OVER 12" MIN 95% COMPACTED NATIVE.	8 EA
10	CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN AB8A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.	6 EA
11	REMOVE EXISTING TREE AND ROOTS.	15 EA 1 EA JOSHUA
12	CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.	5,000 SF
13	GRADE AT 2:1 MAXIMUM AS SHOWN ON PLANS	3300 CY (CUT) 600 CY (FILL)
14	CONSTRUCT 6" THICK PCC PAVEMENT DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE AT THE BACK OF PROPOSED DRIVEWAY.	4,200 SF
15	RELOCATE EXISTING FIRE HYDRANT PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 310	7 EA
16	REMOVE EXISTING WALL.	100 LF
17	REMOVE EXISTING MAIL BOX AND POST.	34 EA
18	INSTALL NEW MAIL BOX AND POST.	34 EA
19	SALVAGE AND RELOCATE EXISTING MAIL BOX AND POST.	2 EA
20	CONSTRUCT 8" AC DIKE PER TOWN OF YUCCA VALLEY STANDARD PLAN 202	125 LF
21	CONSTRUCT 6" THICK PCC DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.	8,500 SF
22	CONSTRUCT 6" THICK COMMERCIAL DRIVEWAY APPROACH OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 213.	600 SF
23	CONSTRUCT 6" CHAIN LINK FENCE PER SPPWC STANDARD PLAN 600-3.	120 LF
24	CONSTRUCT 1' PCC RETAINING CURB PER DETAIL "C" ON SHEET 2.	150 LF
25	CONSTRUCT 3'-4" REINFORCED CONCRETE RETAINING WALL TYPE 7A PER SPPWC STANDARD PLAN 616-3.	300 LF
26	RESET EXISTING TELEPHONE POLE TO NEW GRADE (BY OTHERS).	7 EA
27	ADJUST EXISTING GATE AND POLES TO GRADE.	1 EA
28	INSTALL FLEXIBLE DELINEATORS (IE "SAFE-HIT" OR APPROVED EQUAL).	20 EA
29	CONSTRUCT LIGHT CLASS RIPRAP PER CALTRANS STD. SPECS 72	9 EA
30	GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17 AC MIN.	10,000 SF
31	REMOVE AND REPLACE PCC SPANDREL PER TOWN OF YUCCA VALLEY STANDARD PLAN 230.	2 EA
32	CONSTRUCT TYPE 2 INLET PER SPPWC STANDARD PLAN 151-2. 5x2"	1 EA
33	CONSTRUCT 4" THICK AC PAVEMENT AT THE BACK OF PROPOSED DRIVEWAY.	850 SF
34	CONSTRUCT 95% COMPACTED NATIVE AT THE BACK OF PROPOSED DRIVEWAY.	4,750 SF
35	RELOCATE EXISTING JOSHUA TREE, PER TOWN OF YUCCA VALLEY ORDINANCE 291 BY NATIVE PLANT SPECIALIST. TOWN TO COORDINATE.	2 EA

PAVING NOTES:

- ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE TOWN ENGINEER, INCLUDING NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT AND CAPPING.
- THE FINISHED SURFACE OF THE SUBGRADE OR BASE COURSE SHALL BE WITHIN 0.05 FEET OF DESIGN ELEVATIONS. THE ASPHALTIC CONCRETE THICKNESS SHALL NOT BE LESS THAN 0.25 INCH LESS THAN THE DESIGN THICKNESS. A MINIMUM OF 3 CORES FOR EACH 1/2 MILE OF STREET (3 INCH MINIMUM DIAMETER) SHALL BE OBTAINED BY THE CONTRACTOR OR AS PROVIDED IN CONTRACT FOR MEASUREMENT OF THICKNESS AND DENSITY. LOCATION OF CORES SHALL BE PER TOWN ENGINEER.
- A "TACK COAT" SHALL BE APPLIED BETWEEN PAVEMENT LAYERS. TACK COAT SURFACES AND ON EXISTING PAVEMENT TO BE RESURFACED AT THE RATE OF 0.10 gal./sq.y. THE LAYERS SHALL BE TYPE S511 ASPHALTIC EMULSION WITH A 60-70 GRADE LIQUID ASPHALT.
- A SOIL STERILANT REGISTERED BY THE E.P.A. FOR USE UNDER A.C. AND P.C.C. SHALL BE UNIFORMLY APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE TO THE SUBGRADE FOR ALL AREAS TO RECEIVE ASPHALT OR CONCRETE.
- ASPHALT CONCRETE PAVING SHALL BE ALLOWED IN ONE LIFT UP TO 3 INCH THICKNESS UNLESS OTHERWISE SPECIFIED.
- THE ASPHALT DESIGN MUST MEET THE CALTRANS STANDARD SPECIFICATIONS CURRENT EDITION SECTION 39, FOR TYPE B ASPHALT, 3/4" MAXIMUM MEDIUM AND 1/2" MAXIMUM MEDIUM. THE OIL SHALL BE PG 70-10.

KOA
PLANNING, ENGINEERING & CONSTRUCTION MANAGEMENT
PREPARED UNDER THE SUPERVISION OF:
MIRRO GUAN, RCE 75793

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

SEAL
MIRRO GUAN, RCE 75793

SEAL
MIRRO GUAN, RCE 75793

APPROVED BY: _____ DATE: _____
RECOMMENDED BY: _____

ARMANDO BALDIZON, DIRECTOR OF PUBLIC WORKS
RCE 70102 EXP. DATE 9/30/22

TOWN OF YUCCA VALLEY

ONAGA TRAIL PEDESTRIAN IMPROVMENTS
ACOMA TRAIL TO GRAND AVE
TITLE SHEET

SHEET
1
OF 13 SHEETS
DRAWING NO.

**COST ESTIMATE SHEET**

3190 C Shelby Street,
 Ontario, CA 91764
 ph: (909) 890-9693
 fax: (909) 890-9694

DATE PREPARED:
 January 18, 2022

Project No.: JC04056

ENGINEER/
 DESIGNER:

KT

ESTIMATOR:

AA

CHECKED BY:

MG

PROJECT NAME: ONAGA TRAIL PEDESTRIAN IMPROVEMENT PROJECT

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY		UNIT PRICE	TOTAL
		NO. UNITS	UNIT MEAS.		
General					
1	Mobilization	1	LS	\$ 50,000.00	\$ 50,000.00
2	Temporary Traffic Control	1	LS	\$ 30,000.00	\$ 30,000.00
3	Storm Water Pollution Prevention Plan & Implementation	1	LS	\$ 25,000.00	\$ 25,000.00
4	Construction Staking and Monument Perpetuation	1	LS	\$ 30,000.00	\$ 30,000.00
5	Clearing and Grubbing	1	LS	\$ 80,000.00	\$ 80,000.00
Total					\$ 215,000.00
Removal Items					
6	AC/AB & Native Removal (Road Portion Only)	1,350	SY	\$ 8.00	\$ 10,800.00
7	Remove Existing AC Driveway	2,500	SF	\$ 5.00	\$ 12,500.00
8	Remove Existing PCC Driveway	5,800	SF	\$ 5.00	\$ 29,000.00
9	Remove Existing Curb Ramp	1,500	SF	\$ 3.00	\$ 4,500.00
10	Remove Existing Curb and Gutter	800	LF	\$ 4.00	\$ 3,200.00
11	Remove Existing Pilaster	2	EA	\$ 50.00	\$ 100.00
12	Remove Existing Tree and Roots	15	EA	\$ 2,500.00	\$ 37,500.00
13	Remove Joshua Tree	1	EA	\$ 2,500.00	\$ 2,500.00
14	Remove Existing Fence and/or Wall	100	LF	\$ 50.00	\$ 5,000.00
15	Remove Existing Mailbox and Post	34	EA	\$ 50.00	\$ 1,700.00
Total					\$ 106,800.00
Street Improvement Items					
16	Construct 4" Minimum AC Pavement Over 12" of 95% Compacted Native Subgrade Per City Standard 240	1,650	TON	\$ 130.00	\$ 214,500.00
17	Construct 8" AC Dike Per Town of Yucca Valley Standard Plan 202	125	LF	\$ 25.00	\$ 3,125.00
18	Construct 4" Thick AC Pavement at the Back of Proposed Driveway	22	TON	\$ 100.00	\$ 2,200.00
19	Grind 0.17' AC Minimum	10,000	SF	\$ 0.50	\$ 5,000.00
20	Overlay 0.17' Minimum AC Pavement	128	TON	\$ 120.00	\$ 15,360.00
21	Construct 8" Curb and Gutter Over 12" Minimum of 95% Compacted Native Per Town of Yucca Valley Standard Plan No. 200. Vary Curb to Match Curb Ramp and Driveways.	6,100	LF	\$ 40.00	\$ 244,000.00
22	Construct 4" Thick PCC Sidewalk Over 12" of 95% Compacted Native Subgrade Per City Standard 220	33,000	SF	\$ 10.00	\$ 330,000.00
23	Construct Curb Ramp Per Town of Yucca Valley Standard Plan 221, Over 12" Minimum 95% Compacted Native	8	EA	\$ 5,500.00	\$ 44,000.00



COST ESTIMATE SHEET

3190 C Shelby Street,
Ontario, CA 91764
ph: (909) 890-9693
fax: (909) 890-9694

DATE PREPARED:
January 18, 2022

Project No.: JC04056

ENGINEER/
DESIGNER:

KT

ESTIMATOR:

AA

CHECKED BY:

MG

PROJECT NAME: ONAGA TRAIL PEDESTRIAN IMPROVEMENT PROJECT

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY		UNIT PRICE	TOTAL
		NO. UNITS	UNIT MEAS.		
24	Construct Curb Ramp Per Caltrans Standard Plan A88A Case C, Over 12" Minimum 95% Compacted Native	6	EA	\$ 5,500.00	\$ 33,000.00
25	Construct 6" Thick PCC Depressed Driveway Over 12" Minimum 95% Compacted Native Per Town of Yucca Valley Standard Plan No. 211	4,200	SF	\$ 12.00	\$ 50,400.00
26	Construct 6" Thick PCC Driveway Over 12" Minimum 95% Compacted Native Per Town of Yucca Valley Standard Plan No. 211	8,500	SF	\$ 12.00	\$ 102,000.00
27	Construct 6" Thick PCC Commercial Driveway Over 12" Minimum 95% Compacted Native Per Town of Yucca Valley Standard Plan No. 213	600	SF	\$ 12.00	\$ 7,200.00
28	Construct 6" Thick PCC Pavement Over 12" Minimum of 95% Compacted Native at the Back of Proposed Driveway	1,200	SF	\$ 12.00	\$ 14,400.00
29	Construct Light Riprap Per Caltrans Standard Specs 72	100	SF	\$ 25.00	\$ 2,500.00
30	Construct 1' PCC Retaining Curb	150	LF	\$ 40.00	\$ 6,000.00
31	Remove and Replace PCC Spandrel Per Town of Yucca Valley Standard Plan 230	400	SF	\$ 4.00	\$ 1,600.00
32	Construct Type 2 Inlet Per SPPWC Standard Plan 151-2. S=2'	1	EA	\$ 1,500.00	\$ 1,500.00
33	Construct 3' 4" Reinforced Concrete Retaining Wall Type 7A Per SPPWC Standrad Plan 616-3	300	LF	\$ 400.00	\$ 120,000.00
34	Construct 95% Compacted Native at the Back of Proposed Driveway	4,750	SF	\$ 0.50	\$ 2,375.00
35	Construct 6' Chain Link Fence Per SPPWC Standard Plan 600-3	120	LF	\$ 80.00	\$ 9,600.00
36	Install New Mailbox Per Town of Yucca Valley Standard Plan 500	34	EA	\$ 250.00	\$ 8,500.00
37	Salvage and Relocate Existing Mailbox and Post	2	EA	\$ 300.00	\$ 600.00
38	Install Flexible Delineators (IE Safe-Hit or Approved Equal)	20	EA	\$ 500.00	\$ 10,000.00
39	Relocate Existing Fire Hydrant Per Town of Yucca Valley Standard Plan No. 310	7	EA	\$ 800.00	\$ 5,600.00
40	Adjust Existing Utility to Grade	23	EA	\$ 500.00	\$ 11,500.00
41	Adjust Existing Gate and Poles to Grade	1	EA	\$ 1,000.00	\$ 1,000.00
42	Unclassified Excavation (Cut)	3,300	CY	\$ 50.00	\$ 165,000.00
43	Unclassified Fill	600	CY	\$ 50.00	\$ 30,000.00
44	Signing and Striping	1	LS	\$ 30,000.00	\$ 30,000.00
Total					\$ 1,470,960.00
TOTAL					\$ 1,792,760.00



COST ESTIMATE SHEET

3190 C Shelby Street,
Ontario, CA 91764
ph: (909) 890-9693
fax: (909) 890-9694

DATE PREPARED:
January 18, 2022

Project No.: JC04056

ENGINEER/
DESIGNER:

KT

ESTIMATOR:

AA

CHECKED BY:

MG

PROJECT NAME: ONAGA TRAIL PEDESTRIAN IMPROVEMENT PROJECT

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY		UNIT PRICE	TOTAL
		NO. UNITS	UNIT MEAS.		
15% CONTINGENCY				\$	268,914.00
GRAND TOTAL				\$	2,061,674.00

LITTLE LEAGUE DRIVE PEDESTRIAN IMPROVEMENTS (ATP)	
Project #.	8970
Category	Streets & Highway
Description	Construction of sidewalks, handicapped ramps, driveway approaches, crosswalk, and installation of bike route signs. All improvements will be designed and built to the latest ADA requirements.
Limit	Palm Avenue to Sage Avenue.
Status	Awarded to KOA on April 20, 2021
Schedule	Design to begin in FY 20/21 and end in 21/22 Construction to begin FY 21/22 and end FY 22/23

Project Cost Estimate	
PA/ED	
PS&E	
ROW/Property-Acquisition	
Construction	\$791,120.00
Engineering/Inspection	\$39,600.00
Indirect Cost Recovery	\$79,100.00
Total	\$909,820.00

Fund Source	FY 2022-23	FY 2023 -24	FY 2024-25	FY 2025-26	FY 2026-27
FUND 517	\$150,000.00				
FUND 524	\$210,000.00				
FUND 536	\$554,000.00				
Total	\$914,000.00				

Fund Source Description in Appendix

GENERAL STREET NOTES:

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS, THIS PLAN, THE STANDARD SPECIFICATIONS AND DRAWINGS FOR THE COUNTY OF SAN BERNARDINO AS ADOPTED BY THE TOWN OF YUCCA VALLEY AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION) AND CALTRANS STANDARD PLANS & SPECIFICATIONS WHEN SPECIFIED.
2. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.
3. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY UNTIL PROJECT COMPLETION AND ACCEPTANCE AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE TOWN OF YUCCA VALLEY AND THE DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE TOWN OF YUCCA VALLEY OR DESIGN ENGINEER.
4. CONSTRUCTION OPERATIONS AND MAINTENANCE OF EQUIPMENT WITHIN ONE HALF MILE OF HUMAN OCCUPANCY SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 8:00 p.m. AND 7:00 a.m., OR ANYTIME ON A SATURDAY, SUNDAY OR FEDERAL HOLIDAY, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND SHALL MAINTAIN ALL FACILITIES, COMPLETED AND UNCOMPLETED, UNTIL ACCEPTED BY THE TOWN.
6. IMMEDIATELY FOLLOWING REMOVAL OF EXISTING PAVEMENT OR DIKE, CURB, AND GUTTER, THE CONTRACTOR SHALL DILIGENTLY PURSUE THIS PORTION OF WORK UNTIL COMPLETION SO AS TO MINIMIZE DISRUPTION TO THE PUBLIC AND MINIMIZE EXPOSURE TO FLOOD-RELATED DAMAGE. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTY OWNERS FROM ANY AND ALL FLOOD DAMAGE. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE COURSES THROUGHOUT THE DURATION OF CONSTRUCTION SUCH THAT FLOODWATERS WILL NOT BE DAMMED OR DIVERTED WHICH COULD CONTRIBUTE TO FLOODING, EROSION OR DEPOSITION OF SAND OR OTHER DEBRIS.
7. THE LOCATIONS OF KNOWN EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT.
8. THE CONTRACTOR SHALL PROVIDE FOR THE TIE OUT OF ALL WATER VALVES AND SURVEY MONUMENTS, IF ANY, PRIOR TO CONSTRUCTION AND PRESENT A COPY (NOVA) SUCH TIES TO THE TOWN ENGINEER. REMOVAL AND REPLACEMENT OF MONUMENTS OR BENCH MARKS SHALL BE DONE BY A REGISTERED CIVIL ENGINEER WITH AN R.C.E. NUMBER BELOW 59965, OR A LICENSED LAND SURVEYOR ONLY, IF REQUIRED, APPROPRIATE CORNER RECORDS SHALL BE PREPARED AND FILED FOR RECORDATION.

SIGNING AND STRIPING NOTES:

1. CONFLICTING STRIPING AND MARKING SHALL BE REMOVED BY SANDBLASTING OR GRINDING.
2. ALL STRIPING AND MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFICALLY SHOWN TO BE PAINT.
3. STRIPING SHALL NOT BE PAINTED OR INSTALLED SOONER THAN 24 HOURS AFTER PAVING.
4. NO STRIPING OR MARKINGS SHALL BE PAINTED OR INSTALLED UNTIL LAYOUT AND SPOTTING HAVE BEEN SPECIFICALLY APPROVED BY THE TOWN ENGINEER.
5. ALL PAINTING SHALL BE APPLIED IN TWO COATS WITH GLASS BEADS IN BOTH COATS. FIRST COAT TO BE THOROUGHLY DRY BEFORE PAINTING SECOND COAT.
6. SIGN POSTS SHALL BE 2" SQUARE STEEL BREAKAWAY POSTS SET IN 1 C.F. CAST IN PLACE CONCRETE (MIN.). INCLUDE PERFORATED HOLES WITH HEAVY DUTY ANCHOR.
7. CONTRACTOR SHALL CONTACT THE TOWN ENGINEER FOR BLOCK NUMBERS PRIOR TO ORDERING STREET NAME SIGNS.

GRADING NOTES:

1. ALL TRAVELEDWAYS MUST BE KEPT CLEAN OF ALL DIRT, MUD AND DEBRIS DEPOSITED ON THEM AS A RESULT OF THE CONTRACTORS OPERATION. CLEANING IS TO BE DONE TO THE SATISFACTION OF THE TOWN ENGINEER.
2. THE SITE SHALL BE WETTED DOWN AS NECESSARY DURING CONSTRUCTION TO MINIMIZE DUST GENERATION.
3. THE EXISTING NATIVE MATERIAL WITHIN THE CONSTRUCTION AREA SHALL BE EXCAVATED AND/OR FILLED TO SUBBASE DESIGN ELEVATION IN ACCORDANCE WITH SECTION 300 - "EARTHWORK" OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION). SCARIFY AND COMPACT THE NATIVE MATERIAL 1 FOOT BELOW THE SUBBASE DESIGN GRADE TO 90 PERCENT OF MAXIMUM DENSITY AT 2 PERCENT OVER OPTIMUM WATER CONTENT PER ASTM D-1557. COMPACTION TESTING FOR SUBGRADE SHALL BE AS DESCRIBED IN THE PROPOSED SUBGRADE REPORT. 95% COMPACTION IS REQUIRED IN THE TOP 6" OF SUBBASE MATERIAL. SUBGRADE ELEVATIONS FOR STREET SHALL NOT PROJECT ABOVE DESIGN ELEVATIONS.

PAVING NOTES:

1. ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE TOWN ENGINEER, INCLUDING NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT AND CAPPING.
2. THE FINISHED SURFACE OF THE SUBGRADE OR BASE COURSE SHALL BE WITHIN 0.05 FEET OF DESIGN ELEVATIONS. THE ASPHALTIC CONCRETE THICKNESS SHALL NOT BE LESS THAN 0.25 INCH LESS THAN THE DESIGN THICKNESS. A MINIMUM OF 3 CORES FOR EACH 1/2 MILE OF STREET (3 INCH MINIMUM DIAMETER) SHALL BE OBTAINED BY THE CONTRACTOR OR AS PROVIDED IN CONTRACT FOR MEASUREMENT OF THICKNESS AND DENSITY. LOCATION OF CORES SHALL BE PER TOWN ENGINEER.
3. A "TACK COAT" SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, CONCRETE SURFACES AND ON EXISTING PAVEMENT TO BE RESURFACED AT THE RATE OF 0.10 gal./S.Y. THE TACK COAT SHALL BE TYPE 55th ASPHALTIC EMULSION WITH A 60-70 GRADE LIQUID ASPHALT.
4. A SOIL STABILANT REGISTERED BY THE E.P.A. FOR USE UNDER A.C. AND P.C.C. SHALL BE UNIFORMLY APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE TO THE SUBGRADE FOR ALL AREAS TO RECEIVE ASPHALT OR CONCRETE.
5. ASPHALT CONCRETE PAVING SHALL BE ALLOWED IN ONE LIFT UP TO 3 INCH THICKNESS UNLESS OTHERWISE SPECIFIED.
6. THE ASPHALT DESIGN MUST MEET THE CALTRANS STANDARD SPECIFICATIONS CURRENT EDITION SECTION 39, FOR TYPE B ASPHALT, 3/4" MAXIMUM MEDIUM AND 1/2" MAXIMUM MEDIUM. THE OIL SHALL BE PG 70-10.

NOTIFICATIONS:

CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES AT LEAST 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION:

ELECTRICAL	SOUTHERN CALIFORNIA EDISON	(909) 233-9831
GAS	SOUTHERN CALIFORNIA GAS	(909) 335-7524
TELEPHONE	FRONTIER COMMUNICATIONS	(760) 929-9491
CABLE	SPECTRUM/TIME WARNER CABLE	(760) 674-5433
WATER	HI-DESERT WATER DISTRICT	(760) 365-8673
SEWER	HI-DESERT WATER DISTRICT	(760) 365-8673

BENCH MARK NO. 9742

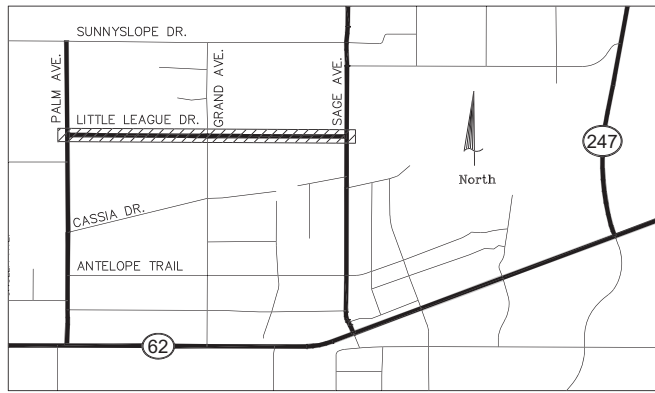
THE ELEVATIONS SHOWN HEREIN ARE BASED UPON THE SHARPEY NORTH MERIDIAN (SNA) DATUM (EXISTING REFERENCE STATION (C.O.R.S.) CASH, ELEVATION 1988.7 FEET (NAD 83).

REVISIONS

MARK	DATE	INITIAL	DESCRIPTION	DATE	APP'D

TOWN OF YUCCA VALLEY CALIFORNIA

PEDESTRIAN IMPROVEMENT PLANS FOR LITTLE LEAGUE DR.



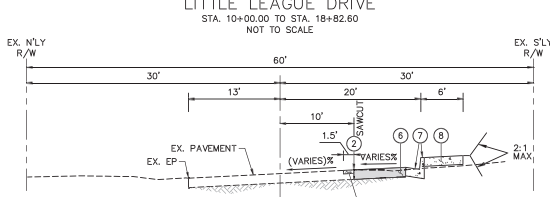
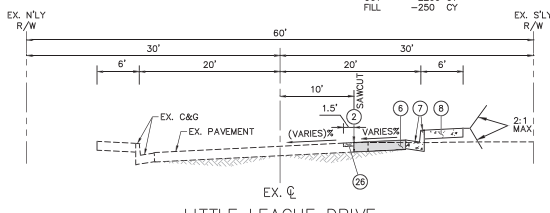
VICINITY MAP
N.T.S.
EARTHWORK

LEGEND:

	CONSTRUCT PCC SIDEWALK
	CONSTRUCT AC PAVEMENT
	CONSTRUCT PCC DRIVEWAY
	EXISTING CENTERLINE
	EXISTING RIGHT-OF-WAY
	EXISTING SIDEWALK
	REMOVE EXISTING SIDEWALK
	PROPOSED SIDEWALK
	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	EX. WATER METER
	EX. WATER VALVE
	EX. MAILBOX
	EX. FIRE HYDRANT
	EX. POWER POLE
	EX. STREET SIGN
	REMOVE MAIL BOX
	PROPOSED MAIL BOX
	PROPOSED STREET SIGN

INDEX OF SHEETS:

SHEET 1	-TITLE SHEET
SHEET 2	-STREET IMPROVEMENTS STA 10+00 TO STA 22+00
SHEET 3	-STREET IMPROVEMENTS STA 22+00 TO STA 34+00
SHEET 4	-STREET IMPROVEMENTS STA 34+00 TO STA 36+57
SHEET 5	-DRIVEWAY CROSS SECTIONS
SHEET 6	-SIGNING AND STRIPING



INSPECTION/MATERIAL NOTES:

1. A "NO FEE" ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE TOWN OF YUCCA VALLEY PRIOR TO ANY CONSTRUCTION ON THIS PROJECT.
2. THE CONTRACTOR SHALL NOTIFY THE TOWN A MINIMUM OF 48 HOURS PRIOR TO STARTING WORK. THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WITH THE TOWN OF YUCCA VALLEY A MINIMUM OF 48 HOURS ADVANCE NOTICE SHALL BE PROVIDED.
3. THE CONTRACTOR, AT NO EXPENSE TO THE TOWN, SHALL PROVIDE ALL NECESSARY SAMPLES AND TESTS THAT THE TOWN ENGINEER MAY REQUIRE TO ASSURE THAT QUALITY OF MATERIAL AND WORKMANSHIP ARE IN ACCORDANCE WITH THE SPECIFICATIONS.
4. MATERIALS CERTIFICATIONS AND MIX DESIGNS REQUIRED FOR CONCRETE OR ASPHALTIC CONCRETE WORK SHALL BE SUBMITTED TO THE TOWN OF YUCCA VALLEY FOR APPROVAL PRIOR TO USE ON THE PROJECT.
5. ALL CONCRETE MIXES SHALL UTILIZE A MINIMUM OF 5 1/2 BAGS OF TYPE II PORTLAND CEMENT PER CUBIC YARD OF CONCRETE. CONCRETE SHALL BE 4000 PSI WITH FIBER.
6. ALL 0.40% OR LESS CURB GRADE LINES SHALL BE STAKED AT 25' INTERVALS; FORMS SHALL BE INSPECTED BEFORE POURING CONCRETE.
7. THE FLOWLINE OF ALL CURB & GUTTER AND RIBBON GUTTER SHALL BE WATER TESTED FOR PONDING IN THE PRESENCE OF THE INSPECTOR BEFORE ACCEPTANCE OF THE PROJECT.
8. COMPACTION TESTS SHALL BE PROVIDED BY THE CONTRACTOR (OR AS PROVIDED IN THE CONTRACT) TO VERIFY COMPACTION OF: NATIVE SUBGRADE, AGGREGATE BASE COURSE, A.C. PAVEMENT, UTILITY TRENCHES AND CURB AND GUTTER SUBGRADE.
9. EXCESS EARTH MATERIAL & REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A LAWFUL MANNER. CONTRACTOR SHALL PROVIDE DUMP RECEIPTS OR OTHER SUITABLE DOCUMENTATION AS REQUESTED BY THE TOWN ENGINEER. GRADING PERMIT AND LONG-TERM DUST CONTROL MEASURES MAY BE REQUIRED FOR EXPORTED EARTH MATERIAL PLACED ON PRIVATE PROPERTY.

TRAFFIC NOTES:

1. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY. MANUAL OF UNIFORM TRAFFIC CONTROL (MUTCD) AND AS OTHERWISE DIRECTED BY THE TOWN ENGINEER.
2. A "TRAFFIC CONTROL PLAN" SHALL BE SUBMITTED TO AND APPROVED BY THE TOWN OF YUCCA VALLEY PRIOR TO ANY CONSTRUCTION.
3. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS TO PRIVATE PROPERTY ADJACENT TO THE WORK. PROTECT EXISTING SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.
4. ANY STREET CLOSURES REQUIRED DURING THE COURSE OF CONSTRUCTION WILL BE DONE SOLELY BY THE CONTRACTOR, AND ONLY UPON PRIOR APPROVAL OF THE TOWN OF YUCCA VALLEY. A MINIMUM NOTICE OF 48 HOURS SHALL BE PROVIDED TO THE PUBLIC AND AFFECTED AGENCIES (SCHOOL, POLICE, FIRE, ETC.)

CONSTRUCTION NOTES

NO.	DESCRIPTION	QTY
1	REMOVE EXISTING: • AC PAVEMENT • SIDEWALK • AC DRIVEWAY • PCC DRIVEWAY • BOLLARDS • CURB AND/OR GUTTER	20,000 SF 1,200 SF 3,300 SF 1,300 SF 12 EA 350 LF
2	REMOVAL LIMIT SAWCUT CONCRETE, ASPHALT, AND OTHER HARDSCAPE SURFACE AND REMOVE TO THE LIMITS SHOWN ON THIS PLAN. ALL REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNDER CLEARING AND GRUBBING.	N/A
3	PROTECT IN PLACE.	N/A
4	ADJUST EXISTING UTILITY TO GRADE.	10 EA
5	RELOCATE EXISTING UTILITY, BY OTHERS.	N/A
6	REMOVE EXISTING AND CONSTRUCT 4" MIN AC PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER TOWN OF YUCCA VALLEY STANDARD PLAN 240.	825 TON
7	CONSTRUCT 6" CURB AND GUTTER OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.	3,050 LF
8	CONSTRUCT 4" THICK PCC SIDEWALK OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 220.	11,750 SF
9	CONSTRUCT 6" THICK PCC COMMERCIAL DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 213.	500 SF
10	CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN AB8A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.	5 EA
11	RELOCATE EXISTING JOSHUA TREE, PER TOWN OF YUCCA VALLEY ORDINANCE 289 BY NATIVE PLANT SPECIALIST. TOWN TO COORDINATE.	4 EA
12	CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.	2,200 SF
13	CONSTRUCT 6" THICK PCC COMMERCIAL DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 213.	210 SF
14	CONSTRUCT 6" THICK PCC PAVEMENT DRIVEWAY TRANSITION OVER 12" MIN 95% COMPACTED NATIVE.	1,350 SF
15	RELOCATE EXISTING FIRE HYDRANT, SEE DETAIL "2" ON SHEET 4.	4 EA
16	REMOVE AND REPLACE EXISTING FENCE AND ROLLING GATE, AS DIRECTED BY THE TOWN ENGINEER.	70 LF
17	REMOVE EXISTING MAILBOX AND POST.	9 EA
18	INSTALL NEW MAILBOX AND POST PER TOWN OF YUCCA VALLEY STANDARD PLAN 500.	9 EA
19	INSTALL REMOVABLE BOLLARDS WITH REFLECTORS.	13 EA
20	CONSTRUCT TYPE 2 INLET PER SPWPV STANDARD PLAN 151-2. S=2". DETAIL "3" ON SHEET 4.	4 EA
21	RESET EXISTING POWER POLE TO NEW GRADE, BY OTHERS. TOWN TO COORDINATE.	1 EA
22	RELOCATE EXISTING PRESSURE REDUCER TO INSIDE THE PROPERTY AS DIRECTED BY THE TOWN ENGINEER.	1 EA
23	CONSTRUCT 6" AC DIKE PER TOWN OF YUCCA VALLEY STANDARD PLAN 202.	265 LF
24	CONSTRUCT 6" THICK PCC DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.	350 SF
25	CONSTRUCT 6" THICK PCC CROSS GUTTER AND SPANDREL PER TOWN OF YUCCA VALLEY STANDARD PLAN 230.	700 SF
26	GRIND AND OVERLAY EXISTING PAVEMENT WITH 0.17" AC MIN. SEE DETAIL "4" ON SHEET 4.	4,500 SF 58 TON

APPROVED BY: _____ DATE: _____

RECOMMENDED BY: _____ DATE: _____

ARMANDO BALDIZZONE, DIRECTOR OF PUBLIC WORKS
RCE 70032 EXP. DATE 9/30/22

APPROVED BY: _____ DATE: _____

RECOMMENDED BY: _____ DATE: _____

ARMANDO BALDIZZONE, DIRECTOR OF PUBLIC WORKS
RCE 70032 EXP. DATE 9/30/22

KOA
PLANNING, ENGINEERING,
CONSTRUCTION MANAGEMENT
PREPARED UNDER THE SUPERVISION OF:
MING GUAN, RCE 75793

3190 C SHELBY STREET
ONTARIO, CALIFORNIA 91764
Tel: (909) 890-9693 Fax: (909) 890-9694

CONTRACTOR
REGISTERED PROFESSIONAL ENGINEER
No. 10112
Exp. 12/31/22
STATE OF CALIFORNIA

TOWN OF YUCCA VALLEY
PLANNING, ENGINEERING,
CONSTRUCTION MANAGEMENT

APPROVED BY: _____ DATE: _____

RECOMMENDED BY: _____ DATE: _____

ARMANDO BALDIZZONE, DIRECTOR OF PUBLIC WORKS
RCE 70032 EXP. DATE 9/30/22

TOWN OF YUCCA VALLEY

LITTLE LEAGUE DR. PEDESTRIAN IMPROVEMENTS
FROM SAGE AVE TO PALM AVE

TITLE SHEET

SHEET 1
OF 5 SHEETS
DRAWING NO.

100% SUBMITTAL



LITTLE LEAGUE DR PEDESTRIAN IMPROVEMENT PROJECT
TOWN OF YUCCA VALLEY
COST ESTIMATE

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	ITEM PRICE	TOTAL
1	MOBILIZATION	1	LS	\$ 20,000.00	\$ 20,000.00
2	CLEARING, GRUBBING, AND MISCELLANEOUS REMOVALS; LANDSCAPE RESTORATION	1	LS	\$ 10,000.00	\$ 10,000.00
3	WATER POLLUTION CONTROL BEST MANAGEMENT PRACTICES	1	LS	\$ 15,000.00	\$ 15,000.00
4	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 15,000.00	\$ 15,000.00
5	CONSTRUCTION AND SURVEY MONUMENTATION	1	LS	\$ 20,000.00	\$ 20,000.00
6	UNCLASSIFIED FILL	250	CY	\$ 50.00	\$ 12,500.00
7	UNCLASSIFIED EXCAVATION	2,200	CY	\$ 30.00	\$ 66,000.00
8	REMOVE EXISTING AC PAVEMENT	20,000	SF	\$ 1.00	\$ 20,000.00
9	REMOVE EXISTING SIDEWALK	1,200	SF	\$ 2.00	\$ 2,400.00
10	REMOVE EXISTING AC DRIVEWAY	3,300	SF	\$ 2.00	\$ 6,600.00
11	REMOVE EXISTING PCC DRIVEWAY	1,300	SF	\$ 2.00	\$ 2,600.00
12	REMOVE EXISTING BOLLARDS	12	EA	\$ 10.00	\$ 120.00
13	REMOVE EXISTING CURB AND/OR GUTTER	330	LF	\$ 4.00	\$ 1,320.00
14	ADJUST EXISTING UTILITY TO GRADE.	10	EA	\$ 500.00	\$ 5,000.00
15	CONSTRUCT 4" MIN A.C. PAVEMENT OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER CITY STANDARD 240.	825	TON	\$ 130.00	\$ 107,250.00
16	CONSTRUCT 6" CURB AND GUTTER OVER 12" MIN OF 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN NO. 200. VARY CURB TO MATCH CURB RAMP AND DRIVEWAYS.	3,050	LF	\$ 40.00	\$ 122,000.00
17	CONSTRUCT 4" THICK P.C.C. SIDEWALK OVER 12" OF 95% COMPACTED NATIVE SUBGRADE PER CITY STANDARD 220.	11,750	SF	\$ 10.00	\$ 117,500.00
18	CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN A88A CASE C, OVER 12" MIN 95% COMPACTED NATIVE.	5	EA	\$ 6,000.00	\$ 30,000.00
19	RELOCATE EXISTING JOSHUA TREE, PER TOWN OF YUCCA VALLEY ORDINANCE 291 (BY OTHERS). TOWN TO COORDINATE.	4	EA	\$ 3,500.00	\$ 14,000.00
20	CONSTRUCT 6" THICK PCC DEPRESSED COMMERCIAL DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 213.	500	SF	\$ 12.00	\$ 6,000.00
21	CONSTRUCT 6" THICK PCC DEPRESSED DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.	2,200	SF	\$ 12.00	\$ 26,400.00
22	CONSTRUCT 6" THICK PCC COMMERCIAL DRIVEWAY OVER 12" MIN 95% COMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 213.	210	SF	\$ 12.00	\$ 2,520.00
23	CONSTRUCT 6" THICK PCC DRIVEWAY OVER 12" MIN 95% COOMPACTED NATIVE PER TOWN OF YUCCA VALLEY STANDARD PLAN 211.	350	SF	\$ 3.00	\$ 1,050.00
24	CONSTRUCT 6" THICK PCC CROSS GUTTER AND SPANDREL PER TOWN OF YUCCA VALLEY STANDARD PLAN 230.	700	SF	\$ 4.00	\$ 2,800.00
25	CONSTRUCT 6" P.C.C. PAVEMENT DRIVEWAY TRANSITION OVER 12" MIN OF 95% COMPACTED NATIVE.	1,350	SF	\$ 12.00	\$ 16,200.00

26	RELOCATE EXISTING FIRE HYDRANT, SEE DETAIN "2" ON SHEET 4	4	EA	\$ 800.00	\$ 3,200.00
27	REMOVE AND REPLACE EXISTING FENCE AND ROLLING GATE, AS DIRECTED BY THE TOWN ENGINEER.	70	LF	\$ 10.00	\$ 700.00
28	REMOVE EXISTING MAILBOX	9	EA	\$ 50.00	\$ 450.00
29	INSTALL NEW MAILBOX PER TOWN OF YUCCA VALLEY STANDARD 500	9	EA	\$ 250.00	\$ 2,250.00
30	FURNISH AND INSTALL REMOVABLE BOLLARDS WITH REFLECTORS	13	EA	\$ 2,000.00	\$ 26,000.00
31	CONSTRUCT TYPE 2 INLET PER SPPWC STANDARD PLAN 151-2. S-2'. SEE DETAIN "3" ON SHEET 4	4	EA	\$ 1,000.00	\$ 4,000.00
32	RESET EXISTING POWER POLE TO NEW GRADE, BY OTHERS. TOWN TO COORDINATE	1	EA	\$ 1,000.00	\$ 1,000.00
33	RELOCATE EXISTING PRESSURE REDUCER TO INSIDE PROPERTY AS DIRECTED BY THE TOWN ENGINEER.	1	EA	\$ 1,000.00	\$ 1,000.00
34	CONSTRUCT 6" AC DIKE PER TOWN OF YUCCA VALLEY STANDARD PLAN 202.	265	LF	\$ 20.00	\$ 5,300.00
35a	GRIND EXISTING PAVEMENT 0.17'	4,500	SF	\$ 4.00	\$ 18,000.00
35b	OVERLAY 0.17' AC PAVMENT, SEE DETAIL "4" ON SHEET 4	58	TON	\$ 130.00	\$ 7,540.00
37	PARKING LOT STRIPING	1	LS	\$ 2,000.00	\$ 2,000.00
38	SIGNING AND STRIPING	1	LS	\$ 5,500.00	\$ 5,500.00

TOTAL \$ 719,200
10% CONTINGENCY \$71,920
FINAL TOTAL \$791,120

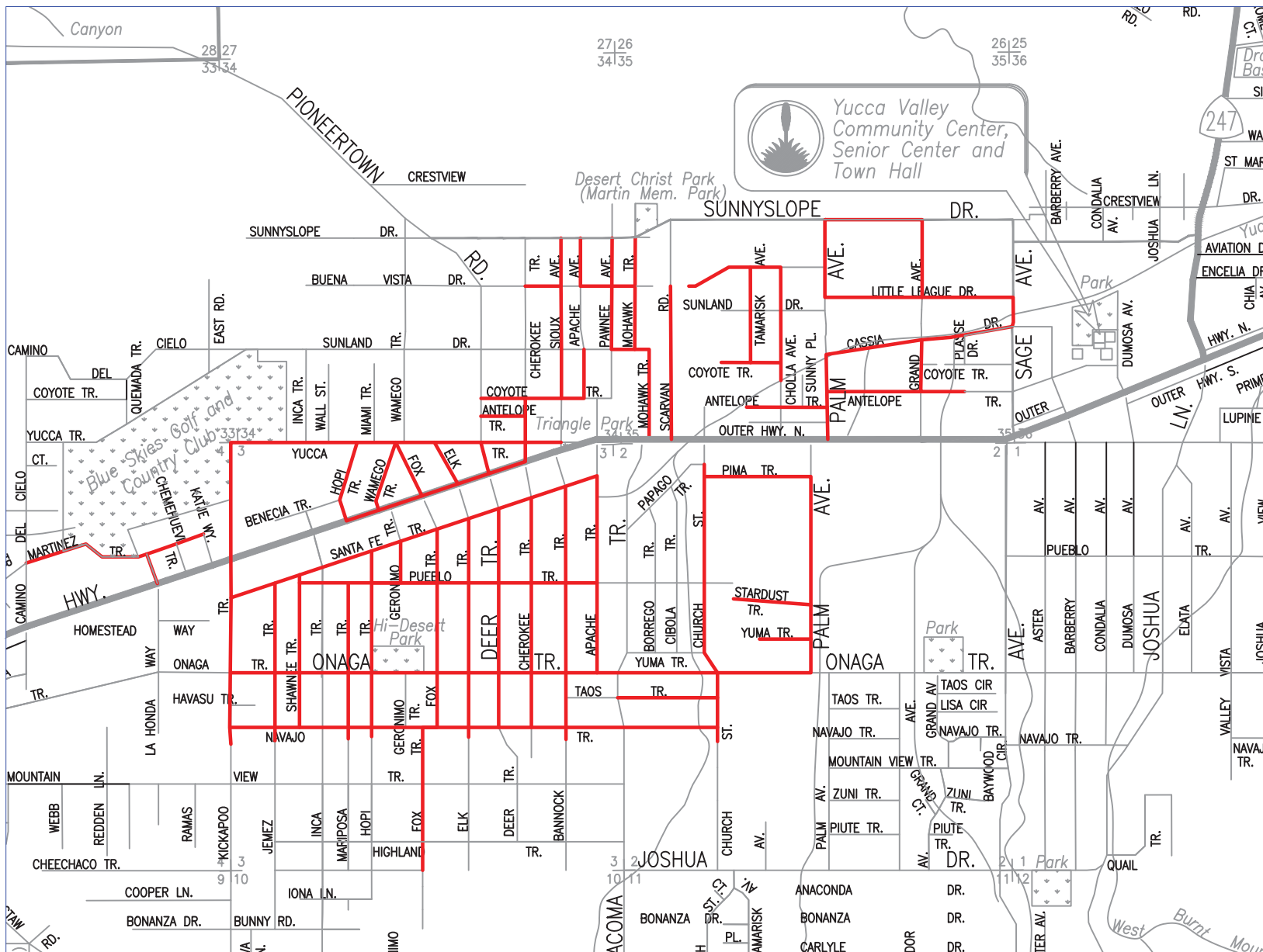
PACKAGE D CRACK SEAL	
Project #.	7037
Category	Streets & Highway
Description	Crack sealing for Project 8340 Town wide Slurry Seal FY 22/23
Limit	
Status	Design Phase Complete
Schedule	Construction begins January 2023 and ends March 2023

Project Cost Estimate		
PA/ED		
PS&E		
ROW/Property-Acquisition		
Construction	\$243,958.00	\$595,001.00
Engineering/Inspection	\$10,000.00	\$22,000.00
Indirect Cost Recovery	\$16,300.00	\$51,000.00
Total	\$270,258.00	\$668,001.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 517	\$270,258.00				
Fund 801					\$668,001.00
Total	\$270,258.00				\$668,001.00

Fund Source Description in Appendix

PACKAGE D



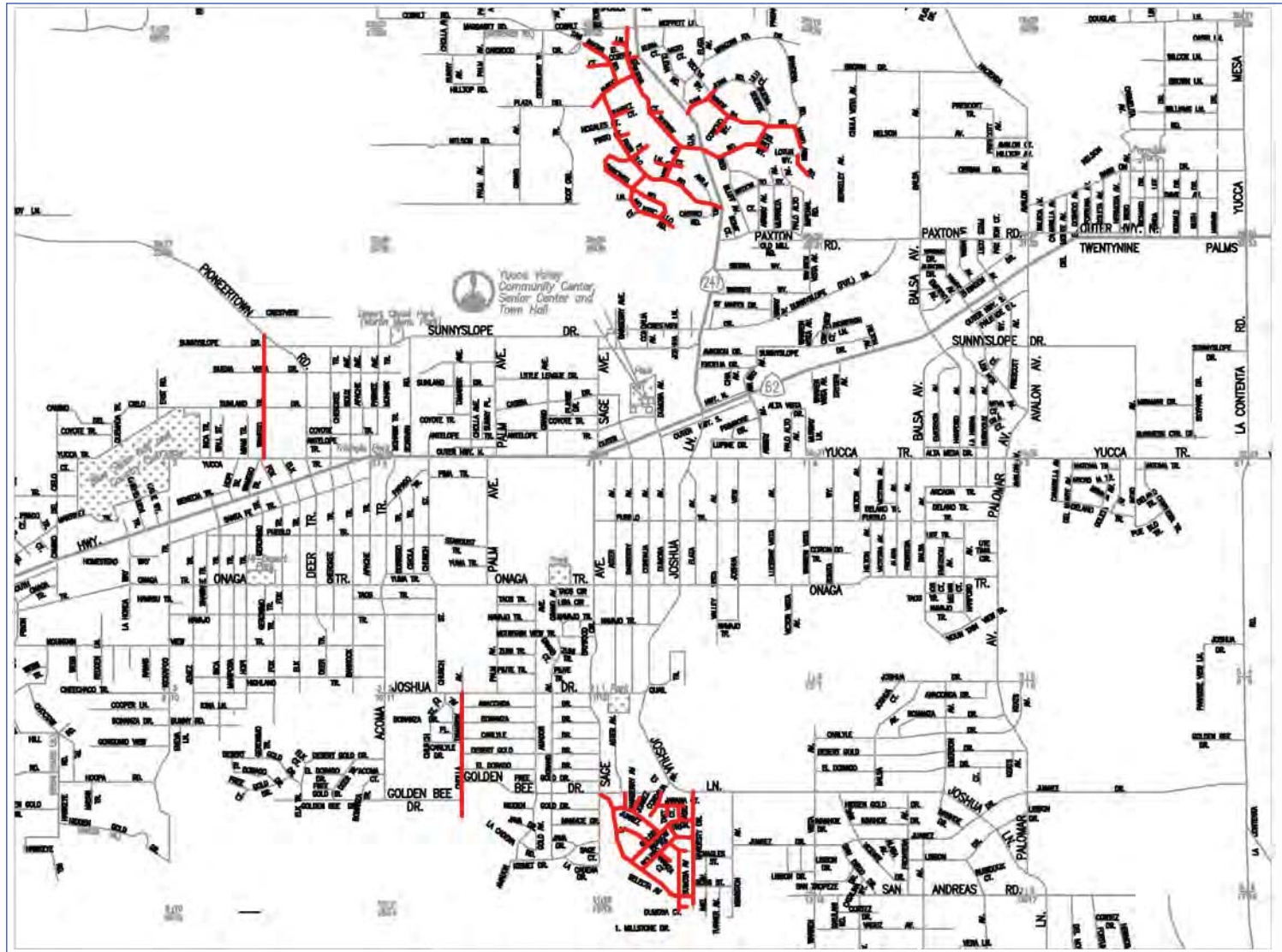
RESIDENTIAL CRACK SEAL	
Project #.	
Category	Streets & Highway
Description	Crack sealing
Limit	Town-wide
Status	
Schedule	Construction FY 21/22 to FY 23/24

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction	\$176,027.77	\$137,952.73	\$186,802.07
Engineering/Inspection	\$8,001.26	\$6,270.58	\$9,340.10
Indirect Cost Recovery	\$17,602.78	\$13,795.27	\$20,548.23
Total	\$201,631.81	\$158,018.58	\$216,690.41

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 801	\$201,631.81	\$158,018.58			\$216,690.41
Total	\$201,631.81	\$158,018.58			\$216,690.41

Fund Source Description in Appendix

FY 2022-2023 TOWN-WIDE CRACK SEAL RESIDENTIAL/LOCAL ROADS



**FY 2022-23 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS - MASTIC**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	Mastic TREATMENT	Crack Seal - Mastic COST	AC SURFACE TREATMENT	AC TREATMENT COST
1	14	Cholla Avenue	End	Golden Bee Drive	286	27	7722	501	MASTIC SEALANT	\$ 644.98	CAPE	\$ 5,521.23
2	14		Golden Bee Drive	El Dorado Drive	380	27	10260	665	MASTIC SEALANT	\$ 856.96	CAPE	\$ 7,335.90
3	14		El Dorado Drive	Desert Gold Drive	396	27	10692	693	MASTIC SEALANT	\$ 893.05	CAPE	\$ 7,644.78
4	14		Desert Gold Drive	Carlyle Drive	195	29	5655	341	MASTIC SEALANT	\$ 439.76	CAPE	\$ 4,043.33
5	14		Carlyle Drive	Carlyle Drive	195	29	5655	341	MASTIC SEALANT	\$ 439.76	CAPE	\$ 4,043.33
6	14		Carlyle Drive	Bonanza Drive	390	29	11310	683	MASTIC SEALANT	\$ 879.52	CAPE	\$ 8,086.65
7	14		Bonanza Drive	Anaconda Drive	392	29	11368	686	MASTIC SEALANT	\$ 884.03	CAPE	\$ 8,128.12
8	14		Anaconda Drive	Joshua Drive	404	29	11716	707	MASTIC SEALANT	\$ 911.09	CAPE	\$ 8,376.94
9	14	Barberry Avenue	Juarez Drive	Golden Bee Drive	330	33	10890	578	MASTIC SEALANT	\$ 744.21	CAPE	\$ 7,786.35
10	14	Juarez Court	Juarez Drive	End	178	33	5874	312	MASTIC SEALANT	\$ 401.42	CAPE	\$ 4,199.91
11	14	Condalia Avenue	Juarez Drive	Jarana Court	386	33	12738	676	MASTIC SEALANT	\$ 870.49	CAPE	\$ 9,107.67
12	14		Jarana Court	Golden Bee Drive	232	33	7656	406	MASTIC SEALANT	\$ 523.20	CAPE	\$ 5,474.04
13	14	Jarana Court	Condalia Avenue	Taft Court	252	30	7560	441	MASTIC SEALANT	\$ 568.30	CAPE	\$ 5,405.40
14	14		Taft Court	Asio Way	317	30	9510	555	MASTIC SEALANT	\$ 714.89	CAPE	\$ 6,799.65
15	14		Asio Way	End	205	35	7175	359	MASTIC SEALANT	\$ 462.31	CAPE	\$ 5,130.13
16	14	Taft Court	End	Jarana Court	272	32	8704	476	MASTIC SEALANT	\$ 613.41	CAPE	\$ 6,223.36
17	14	Asio Way	Golden Meadow Drive	Jarana Court	393	32	12576	688	MASTIC SEALANT	\$ 886.28	CAPE	\$ 8,991.84
18	14	Selecta Avenue	End	Dumosa Avenue	169	33	5577	296	MASTIC SEALANT	\$ 381.12	CAPE	\$ 3,987.56
19	14		Dumosa Avenue	Bolero Drive	887	33	29271	1,552	MASTIC SEALANT	\$ 2,000.33	CAPE	\$ 20,928.77
20	14		Bolero Drive	Golden Meadow Drive	315	33	10395	551	MASTIC SEALANT	\$ 710.38	CAPE	\$ 7,432.43
21	14		Golden Meadow Drive	Millstone Drive	813	33	26829	1,423	MASTIC SEALANT	\$ 1,833.45	CAPE	\$ 19,182.74
22	14		Millstone Drive	Juarez Drive	327	33	10791	572	MASTIC SEALANT	\$ 737.44	CAPE	\$ 7,715.57
23	14		Juarez Drive	End	350	33	11550	613	MASTIC SEALANT	\$ 789.31	CAPE	\$ 8,258.25
24	14	Millstone Drive	Golden Meadow Drive	Selecta Avenue	935	33	30855	1,636	MASTIC SEALANT	\$ 2,108.58	CAPE	\$ 22,061.33
25	14	Juarez Drive	Selecta Avenue	Barberry Avenue	588	33	19404	1,029	MASTIC SEALANT	\$ 1,326.04	CAPE	\$ 13,873.86
26	14		Barberry Avenue	Juarez Court	237	33	7821	415	MASTIC SEALANT	\$ 534.47	CAPE	\$ 5,592.02
27	14		Juarez Court	Condalia Avenue	293	33	9669	513	MASTIC SEALANT	\$ 660.76	CAPE	\$ 6,913.34
28	14		Condalia Avenue+D123	Golden Meadow Drive	543	33	17919	950	MASTIC SEALANT	\$ 1,224.56	CAPE	\$ 12,812.09
29	14		Bolero Drive	Hardesty Drive	600	33	19800	1,050	MASTIC SEALANT	\$ 1,353.10	CAPE	\$ 14,157.00
30	14	Golden Meadow Drive	Selecta Avenue	Millstone Drive	311	33	10263	544	MASTIC SEALANT	\$ 701.36	CAPE	\$ 7,338.05
31	14		Millstone Drive	Juarez Drive	316	33	10428	553	MASTIC SEALANT	\$ 712.63	CAPE	\$ 7,456.02
32	14		Juarez Drive	Facia Way	295	33	9735	516	MASTIC SEALANT	\$ 665.27	CAPE	\$ 6,960.53
33	14		Facia Way	Asio Way	308	32	9856	539	MASTIC SEALANT	\$ 694.59	CAPE	\$ 7,047.04
34	14		Asio Way	Hardesty Drive	314	32	10048	550	MASTIC SEALANT	\$ 708.12	CAPE	\$ 7,184.32
35	14	Facia Way	Bolero Drive	Golden Meadow Drive	316	33	10428	553	MASTIC SEALANT	\$ 712.63	CAPE	\$ 7,456.02
36	14	Bolero Drive	Selecta Avenue	Aranza Court	311	33	10263	544	MASTIC SEALANT	\$ 701.36	CAPE	\$ 7,338.05
37	14		Aranza Court	Juarez Drive	323	33	10659	565	MASTIC SEALANT	\$ 728.42	CAPE	\$ 7,621.19
38	14		Juarez Drive	Facia Way	288	33	9504	504	MASTIC SEALANT	\$ 649.49	CAPE	\$ 6,795.36
39	14		Facia Way	End	208	33	6864	364	MASTIC SEALANT	\$ 469.07	CAPE	\$ 4,907.76
40	14	Aranza Court	End	Bolero Drive	389	33	12837	681	MASTIC SEALANT	\$ 877.26	CAPE	\$ 9,178.46
41	14	Dumosa Avenue	San Andreas Road	Dumosa Court	194	33	6402	340	MASTIC SEALANT	\$ 437.50	CAPE	\$ 4,577.43
42	14		Dumosa Court	Selecta Avenue	338	33	11154	592	MASTIC SEALANT	\$ 762.25	CAPE	\$ 7,975.11
43	14		Selecta Avenue	Titan Court	351	33	11583	614	MASTIC SEALANT	\$ 791.56	CAPE	\$ 8,281.85
44	14		Titan Court	Juarez Drive	421	33	13893	737	MASTIC SEALANT	\$ 949.43	CAPE	\$ 9,933.50
45	14	Dumosa Court	Dumosa Avenue	End	150	33	4950	263	MASTIC SEALANT	\$ 338.28	CAPE	\$ 3,539.25
46	14	Titan Court	Dumosa Avenue	End	162	55	8910	284	MASTIC SEALANT	\$ 365.34	CAPE	\$ 6,370.65
47	14	Hardesty Drive	San Andreas Road	Juarez Drive	1300	23	29900	2,275	MASTIC SEALANT	\$ 2,931.72	CAPE	\$ 21,378.50
48	14		Juarez Drive	Golden Meadow Drive	759	23	17457	1,328	MASTIC SEALANT	\$ 1,711.67	CAPE	\$ 12,481.76
49	14		Golden Meadow Drive	Joshua Lane	526	60	31560	921	MASTIC SEALANT	\$ 1,186.22	CAPE	\$ 22,565.40
TOTAL LF =					18,840	TOTAL SF =		603,636	32,970	\$ 42,487.34	AC Treat	\$ 431,599.74

**FY 2022-23 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	CRACK SEAL TREATMENT	Crack Seal - Mastic COST	AC SURFACE TREATMENT	AC TREATMENT COST
1	2	Wamego Trail	Yucca Trail	Coyote Trail	669	29	19401	2,342	CRACK SEAL	\$ 2,112.03	CAPE	\$ 13,871.72
2	2		Coyote Trail	Sunland Drive	679	28	19012	2,377	CRACK SEAL	\$ 2,143.60	CAPE	\$ 13,593.58
3	2		Sunland Drive	Pioneertown Road	1510	23	34730	5,285	CRACK SEAL	\$ 4,767.07	CAPE	\$ 24,831.95
4	5	San Rafael Road	Plaza Del Amigo	San Rafael Court	285	32	9120	998	CRACK SEAL	\$ 899.75	NO TREATMENT	\$ -
5	5		San Rafael Court	End	815	31	25265	2,853	CRACK SEAL	\$ 2,572.96	NO TREATMENT	\$ -
6	5	San Rafael Court	End	San Rafael Road	326	31	10106	1,141	CRACK SEAL	\$ 1,029.18	NO TREATMENT	\$ -
7	5	Plaza Del Amigo	End	Farrelo Road	378	23	8694	1,323	CRACK SEAL	\$ 1,193.35	NO TREATMENT	\$ -
8	5		Farrelo Road	San Rafael Road	447	33	14751	1,565	CRACK SEAL	\$ 1,411.18	NO TREATMENT	\$ -
9	5		San Rafael Road	Buena Suerte Road	470	33	15510	1,645	CRACK SEAL	\$ 1,483.79	NO TREATMENT	\$ -
10	5	Farrelo Road	Plaza Del Amigo	Juarez Court	582	27	15714	2,037	CRACK SEAL	\$ 1,837.37	NO TREATMENT	\$ -
11	5		Juarez Court	Nogales Court	261	27	7047	914	CRACK SEAL	\$ 823.98	NO TREATMENT	\$ -
12	5		Nogales Court	Pinto Court	276	29	8004	966	CRACK SEAL	\$ 871.33	NO TREATMENT	\$ -
13	5		Pinto Court	Farrelo Court	469	28	13132	1,642	CRACK SEAL	\$ 1,480.63	NO TREATMENT	\$ -
14	5		Farrelo Court	Panchita Road	160	28	4480	560	CRACK SEAL	\$ 505.12	NO TREATMENT	\$ -
15	5		Panchita Road	Montecello Road	535	28	14980	1,873	CRACK SEAL	\$ 1,689.00	NO TREATMENT	\$ -
16	5		Montecello Road	Milo Road	528	27	14256	1,848	CRACK SEAL	\$ 1,666.90	NO TREATMENT	\$ -
17	5		Mirlo Road	Avila Road	1300	27	35100	4,550	CRACK SEAL	\$ 4,104.10	NO TREATMENT	\$ -
18	5		Avila Road	SR 247	275	28	7700	963	CRACK SEAL	\$ 868.18	NO TREATMENT	\$ -
19	5	Farrelo Court	Farrelo Road	End	520	27	14040	1,820	CRACK SEAL	\$ 1,641.64	NO TREATMENT	\$ -
20	5	Juarez Court	Farrelo Road	End	400	26	10400	1,400	CRACK SEAL	\$ 1,262.80	NO TREATMENT	\$ -
21	5	Pinto Court	Farrelo Road	End	233	32	7456	816	CRACK SEAL	\$ 735.58	NO TREATMENT	\$ -
22	5	Concho Way	End	Bandera Road	508	24	12192	1,778	CRACK SEAL	\$ 1,603.76	NO TREATMENT	\$ -
23	5	Buena Suerte Court	Buena Suerte Road	End	281	30	8430	984	CRACK SEAL	\$ 887.12	NO TREATMENT	\$ -
24	5	Buena Suerte Lane	End	Buena Suerte Road	300	30	9000	1,050	CRACK SEAL	\$ 947.10	NO TREATMENT	\$ -
25	5	Bandera Road	Buena Suerte Road	Mandarin Road	728	25	18200	2,548	CRACK SEAL	\$ 2,298.30	NO TREATMENT	\$ -
26	5		Mandarin Road	End	224	25	5600	784	CRACK SEAL	\$ 707.17	NO TREATMENT	\$ -
27	5	Buena Suerte Road	Cobalt Road	Buena Suerte Lane	378	30	11340	1,323	CRACK SEAL	\$ 1,193.35	CAPE	\$ 8,108.10
28	5		Buena Suerte Lane	El Cortez Road	375	30	11250	1,313	CRACK SEAL	\$ 1,183.88	CAPE	\$ 8,043.75
29	5		El Cortez Road	Plaza Del Amigo	255	30	7650	893	CRACK SEAL	\$ 805.04	CAPE	\$ 5,469.75
30	5		Plaza Del Amigo	Buena Suerte Court	1020	30	30600	3,570	CRACK SEAL	\$ 3,220.14	CAPE	\$ 21,879.00
31	5		Buena Suerte Court	Mirlo Road	1134	30	34020	3,969	CRACK SEAL	\$ 3,580.04	CAPE	\$ 24,324.30
32	5		Mirlo Road	SR 247	504	30	15120	1,764	CRACK SEAL	\$ 1,591.13	CAPE	\$ 10,810.80
33	5		SR 247	Red Bluff Avenue	1017	30	30510	3,560	CRACK SEAL	\$ 3,210.67	CAPE	\$ 21,814.65
34	5		Red Bluff Avenue	Del Rio Way	913	30	27390	3,196	CRACK SEAL	\$ 2,882.34	CAPE	\$ 19,583.85
35	5		Del Rio Way	Bandera Road	486	30	14580	1,701	CRACK SEAL	\$ 1,534.30	CAPE	\$ 10,424.70
36	5	San Juan Road	SR 247	SR 247 OHE	85	26	2210	298	CRACK SEAL	\$ 268.35	CAPE	\$ 1,580.15
37	5		SR 247 OHE	Bandera Road	546	26	14196	1,911	CRACK SEAL	\$ 1,723.72	CAPE	\$ 10,150.14
38	5		Bandera Road	End	250	23	5750	875	CRACK SEAL	\$ 789.25	CAPE	\$ 4,111.25
39	5	Bandera Road	San Juan Road	Concho Way	700	21	14700	2,450	CRACK SEAL	\$ 2,209.90	CAPE	\$ 10,510.50
40	5		Concho Way	Buena Suerte Road	1030	22	22660	3,605	CRACK SEAL	\$ 3,251.71	CAPE	\$ 16,201.90
41	5	Mandarin Road	End	Lotus Way	622	20	12440	2,177	CRACK SEAL	\$ 1,963.65	CAPE	\$ 8,894.60
42	5		Lotus Way	Bandera Road	762	20	15240	2,667	CRACK SEAL	\$ 2,405.63	CAPE	\$ 10,896.60
43	5	Del Rio Way	Buena Suerte Road	End	280	23	6440	980	CRACK SEAL	\$ 883.96	CAPE	\$ 4,604.60
44	5	Mirlo Lane	End	Mirlo Road	371	29	10759	1,299	CRACK SEAL	\$ 1,171.25	CAPE	\$ 7,692.69
45	5	Mirlo Court	Mirlo Road	End	252	29	7308	882	CRACK SEAL	\$ 795.56	CAPE	\$ 5,225.22
46	5	Mirlo Road	Farrelo Road	Mirlo Lane	373	29	10817	1,306	CRACK SEAL	\$ 1,177.56	CAPE	\$ 7,734.16
47	5		Mirlo Lane	Mirlo Court	75	29	2175	263	CRACK SEAL	\$ 236.78	CAPE	\$ 1,555.13
48	5		Mirlo Court	Buena Suerte Road	470	29	13630	1,645	CRACK SEAL	\$ 1,483.79	CAPE	\$ 9,745.45
49	5	El Cortez Road	Buena Suerte Road	SR 247	265	32	8480	928	CRACK SEAL	\$ 836.61	CAPE	\$ 6,063.20
50	5	Panchita Road	Farrelo Road	Montecello Road	1809	32	57888	6,332	CRACK SEAL	\$ 5,711.01	CAPE	\$ 41,389.92
51	5		Montecello Road	Montecello Road	1307	29	37903	4,575	CRACK SEAL	\$ 4,126.20	CAPE	\$ 27,100.65
52	5	Montecello Road	Farrelo Road	Panchita Road	470	27	12690	1,645	CRACK SEAL	\$ 1,483.79	CAPE	\$ 9,073.35
53	5		Panchita Road	Montecello Lane	315	28	8820	1,103	CRACK SEAL	\$ 994.46	CAPE	\$ 6,306.30
54	5		Montecello Lane	Montecello Court	405	24	9720	1,418	CRACK SEAL	\$ 1,278.59	CAPE	\$ 6,949.80

**FY 2022-23 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	CRACK SEAL TREATMENT	Crack Seal - Mastic COST	AC SURFACE TREATMENT	AC TREATMENT COST
55	5		Montecello Court	Panchita Road	514	30	15420	1,799	CRACK SEAL	\$ 1,622.70	CAPE	\$ 11,025.30
56	5		Panchita Road	End	437	25	10925	1,530	CRACK SEAL	\$ 1,379.61	CAPE	\$ 7,811.38
					TOTAL LF =	30,579	TOTAL SF =	844,951		\$ 96,537.90	AC Treat	\$ 397,378.41

**ENGINEERING ESTIMATED COST
FY 2022-23 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM**

CLASSIFICATION	COST
MOBILIZATION	\$ 12,000.00
FY 2021-21 LOCAL ROADS CRACK SEAL	\$ 96,537.90
FY 2021-21 LOCAL ROADS MASTIC	\$ 42,487.34
TRAFFIC CONTROL	\$ 9,000.00
SUBTOTAL ESTIMATED COST=	\$ 160,025.24
10% Contingency	\$ 16,002.52
TOTAL ESTIMATED COST=	\$ 176,027.77

RESIDENTIAL SLURRY SEAL	
Project #.	
Category	Streets & Highway
Description	Installation of slurry seal/cape seal
Limit	Town-wide
Status	
Schedule	Construction FY 21/22 to FY 23/24

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction	\$1,054,718.45	\$904,938.24	\$1,119,275.65
Engineering/Inspection	\$47,941.75	\$41,133.56	\$55,963.78
Indirect Cost Recovery	\$105,471.84	\$90,493.82	\$123,120.32
Total	\$1,208,132.04	\$1,036,565.61	\$1,298,359.76

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 801	\$1,208,132.04	\$1,036,565.61			\$1,298,359.76
Total	\$1,208,132.04	\$1,036,565.61			\$1,298,359.76

Fund Source Description in Appendix

FY 2022-2023 TOWN-WIDE SLURRY SEAL RESIDENTIAL/LOCAL ROADS



**FY 2022-23 TOWN-WIDE SLURRY SEAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS - MASTIC**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	Mastic TREATMENT	Mastic COST	AC SURFACE TREATMENT	AC TREATMENT COST
1	14	Cholla Avenue	End	Golden Bee Drive	286	27	7722	501	MASTIC SEALANT	\$ 644.98	CAPE	\$ 5,521.23
2	14		Golden Bee Drive	El Dorado Drive	380	27	10260	665	MASTIC SEALANT	\$ 856.96	CAPE	\$ 7,335.90
3	14		El Dorado Drive	Desert Gold Drive	396	27	10692	693	MASTIC SEALANT	\$ 893.05	CAPE	\$ 7,644.78
4	14		Desert Gold Drive	Carlyle Drive	195	29	5655	341	MASTIC SEALANT	\$ 439.76	CAPE	\$ 4,043.33
5	14		Carlyle Drive	Carlyle Drive	195	29	5655	341	MASTIC SEALANT	\$ 439.76	CAPE	\$ 4,043.33
6	14		Carlyle Drive	Bonanza Drive	390	29	11310	683	MASTIC SEALANT	\$ 879.52	CAPE	\$ 8,086.65
7	14		Bonanza Drive	Anaconda Drive	392	29	11368	686	MASTIC SEALANT	\$ 884.03	CAPE	\$ 8,128.12
8	14		Anaconda Drive	Joshua Drive	404	29	11716	707	MASTIC SEALANT	\$ 911.09	CAPE	\$ 8,376.94
9	14	Barberry Avenue	Juarez Drive	Golden Bee Drive	330	33	10890	578	MASTIC SEALANT	\$ 744.21	CAPE	\$ 7,786.35
10	14	Juarez Court	Juarez Drive	End	178	33	5874	312	MASTIC SEALANT	\$ 401.42	CAPE	\$ 4,199.91
11	14	Condalia Avenue	Juarez Drive	Jarana Court	386	33	12738	676	MASTIC SEALANT	\$ 870.49	CAPE	\$ 9,107.67
12	14		Jarana Court	Golden Bee Drive	232	33	7656	406	MASTIC SEALANT	\$ 523.20	CAPE	\$ 5,474.04
13	14	Jarana Court	Condalia Avenue	Taft Court	252	30	7560	441	MASTIC SEALANT	\$ 568.30	CAPE	\$ 5,405.40
14	14		Taft Court	Asio Way	317	30	9510	555	MASTIC SEALANT	\$ 714.89	CAPE	\$ 6,799.65
15	14		Asio Way	End	205	35	7175	359	MASTIC SEALANT	\$ 462.31	CAPE	\$ 5,130.13
16	14	Taft Court	End	Jarana Court	272	32	8704	476	MASTIC SEALANT	\$ 613.41	CAPE	\$ 6,223.36
17	14	Asio Way	Golden Meadow Drive	Jarana Court	393	32	12576	688	MASTIC SEALANT	\$ 886.28	CAPE	\$ 8,991.84
18	14	Selecta Avenue	End	Dumosa Avenue	169	33	5577	296	MASTIC SEALANT	\$ 381.12	CAPE	\$ 3,987.56
19	14		Dumosa Avenue	Bolero Drive	887	33	29271	1,552	MASTIC SEALANT	\$ 2,000.33	CAPE	\$ 20,928.77
20	14		Bolero Drive	Golden Meadow Drive	315	33	10395	551	MASTIC SEALANT	\$ 710.38	CAPE	\$ 7,432.43
21	14		Golden Meadow Drive	Millstone Drive	813	33	26829	1,423	MASTIC SEALANT	\$ 1,833.45	CAPE	\$ 19,182.74
22	14		Millstone Drive	Juarez Drive	327	33	10791	572	MASTIC SEALANT	\$ 737.44	CAPE	\$ 7,715.57
23	14		Juarez Drive	End	350	33	11550	613	MASTIC SEALANT	\$ 789.31	CAPE	\$ 8,258.25
24	14	Millstone Drive	Golden Meadow Drive	Selecta Avenue	935	33	30855	1,636	MASTIC SEALANT	\$ 2,108.58	CAPE	\$ 22,061.33
25	14	Juarez Drive	Selecta Avenue	Barberry Avenue	588	33	19404	1,029	MASTIC SEALANT	\$ 1,326.04	CAPE	\$ 13,873.86
26	14		Barberry Avenue	Juarez Court	237	33	7821	415	MASTIC SEALANT	\$ 534.47	CAPE	\$ 5,592.02
27	14		Juarez Court	Condalia Avenue	293	33	9669	513	MASTIC SEALANT	\$ 660.76	CAPE	\$ 6,913.34
28	14		Condalia Avenue+D123	Golden Meadow Drive	543	33	17919	950	MASTIC SEALANT	\$ 1,224.56	CAPE	\$ 12,812.09
29	14		Bolero Drive	Hardesty Drive	600	33	19800	1,050	MASTIC SEALANT	\$ 1,353.10	CAPE	\$ 14,157.00
30	14	Golden Meadow Drive	Selecta Avenue	Millstone Drive	311	33	10263	544	MASTIC SEALANT	\$ 701.36	CAPE	\$ 7,338.05
31	14		Millstone Drive	Juarez Drive	316	33	10428	553	MASTIC SEALANT	\$ 712.63	CAPE	\$ 7,456.02
32	14		Juarez Drive	Facia Way	295	33	9735	516	MASTIC SEALANT	\$ 665.27	CAPE	\$ 6,960.53
33	14		Facia Way	Asio Way	308	32	9856	539	MASTIC SEALANT	\$ 694.59	CAPE	\$ 7,047.04
34	14		Asio Way	Hardesty Drive	314	32	10048	550	MASTIC SEALANT	\$ 708.12	CAPE	\$ 7,184.32
35	14	Facia Way	Bolero Drive	Golden Meadow Drive	316	33	10428	553	MASTIC SEALANT	\$ 712.63	CAPE	\$ 7,456.02
36	14	Bolero Drive	Selecta Avenue	Aranza Court	311	33	10263	544	MASTIC SEALANT	\$ 701.36	CAPE	\$ 7,338.05
37	14		Aranza Court	Juarez Drive	323	33	10659	565	MASTIC SEALANT	\$ 728.42	CAPE	\$ 7,621.19
38	14		Juarez Drive	Facia Way	288	33	9504	504	MASTIC SEALANT	\$ 649.49	CAPE	\$ 6,795.36
39	14		Facia Way	End	208	33	6864	364	MASTIC SEALANT	\$ 469.07	CAPE	\$ 4,907.76
40	14	Aranza Court	End	Bolero Drive	389	33	12837	681	MASTIC SEALANT	\$ 877.26	CAPE	\$ 9,178.46

**FY 2022-23 TOWN-WIDE SLURRY SEAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS - MASTIC**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	Mastic TREATMENT	Mastic COST	AC SURFACE TREATMENT	AC TREATMENT COST
41	14	Dumosa Avenue	San Andreas Road	Dumosa Court	194	33	6402	340	MASTIC SEALANT	\$ 437.50	CAPE	\$ 4,577.43
42	14		Dumosa Court	Selecta Avenue	338	33	11154	592	MASTIC SEALANT	\$ 762.25	CAPE	\$ 7,975.11
43	14		Selecta Avenue	Titan Court	351	33	11583	614	MASTIC SEALANT	\$ 791.56	CAPE	\$ 8,281.85
44	14		Titan Court	Juarez Drive	421	33	13893	737	MASTIC SEALANT	\$ 949.43	CAPE	\$ 9,933.50
45	14	Dumosa Court	Dumosa Avenue	End	150	33	4950	263	MASTIC SEALANT	\$ 338.28	CAPE	\$ 3,539.25
46	14	Titan Court	Dumosa Avenue	End	162	55	8910	284	MASTIC SEALANT	\$ 365.34	CAPE	\$ 6,370.65
47	14	Hardesty Drive	San Andreas Road	Juarez Drive	1300	23	29900	2,275	MASTIC SEALANT	\$ 2,931.72	CAPE	\$ 21,378.50
48	14		Juarez Drive	Golden Meadow Drive	759	23	17457	1,328	MASTIC SEALANT	\$ 1,711.67	CAPE	\$ 12,481.76
49	14		Golden Meadow Drive	Joshua Lane	526	60	31560	921	MASTIC SEALANT	\$ 1,186.22	CAPE	\$ 22,565.40
TOTAL LF =					18,840	TOTAL SF =		603,636	32,970	\$ 42,487.34	AC Treat	\$ 431,599.74

**FY 2022-23 TOWN-WIDE SLURRY SEAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	CRACK SEAL TREATMENT	CRACK SEAL COST	AC SURFACE TREATMENT	AC TREATMENT COST
1	2	Wamego Trail	Yucca Trail	Coyote Trail	669	29	19401	2,342	CRACK SEAL	\$ 2,112.03	CAPE	\$ 13,871.72
2	2		Coyote Trail	Sunland Drive	679	28	19012	2,377	CRACK SEAL	\$ 2,143.60	CAPE	\$ 13,593.58
3	2		Sunland Drive	Pioneertown Road	1510	23	34730	5,285	CRACK SEAL	\$ 4,767.07	CAPE	\$ 24,831.95
4	5	San Rafael Road	Plaza Del Amigo	San Rafael Court	285	32	9120	998	CRACK SEAL	\$ 899.75	NO TREATMENT	\$ -
5	5		San Rafael Court	End	815	31	25265	2,853	CRACK SEAL	\$ 2,572.96	NO TREATMENT	\$ -
6	5	San Rafael Court	End	San Rafael Road	326	31	10106	1,141	CRACK SEAL	\$ 1,029.18	NO TREATMENT	\$ -
7	5	Plaza Del Amigo	End	Farrelo Road	378	23	8694	1,323	CRACK SEAL	\$ 1,193.35	NO TREATMENT	\$ -
8	5		Farrelo Road	San Rafael Road	447	33	14751	1,565	CRACK SEAL	\$ 1,411.18	NO TREATMENT	\$ -
9	5		San Rafael Road	Buena Suerte Road	470	33	15510	1,645	CRACK SEAL	\$ 1,483.79	NO TREATMENT	\$ -
10	5	Farrelo Road	Plaza Del Amigo	Juarez Court	582	27	15714	2,037	CRACK SEAL	\$ 1,837.37	NO TREATMENT	\$ -
11	5		Juarez Court	Nogales Court	261	27	7047	914	CRACK SEAL	\$ 823.98	NO TREATMENT	\$ -
12	5		Nogales Court	Pinto Court	276	29	8004	966	CRACK SEAL	\$ 871.33	NO TREATMENT	\$ -
13	5		Pinto Court	Farrelo Court	469	28	13132	1,642	CRACK SEAL	\$ 1,480.63	NO TREATMENT	\$ -
14	5		Farrelo Court	Panchita Road	160	28	4480	560	CRACK SEAL	\$ 505.12	NO TREATMENT	\$ -
15	5		Panchita Road	Montecello Road	535	28	14980	1,873	CRACK SEAL	\$ 1,689.00	NO TREATMENT	\$ -
16	5		Montecello Road	Milo Road	528	27	14256	1,848	CRACK SEAL	\$ 1,666.90	NO TREATMENT	\$ -
17	5		Mirlo Road	Avila Road	1300	27	35100	4,550	CRACK SEAL	\$ 4,104.10	NO TREATMENT	\$ -
18	5		Avila Road	SR 247	275	28	7700	963	CRACK SEAL	\$ 868.18	NO TREATMENT	\$ -
19	5	Farrelo Court	Farrelo Road	End	520	27	14040	1,820	CRACK SEAL	\$ 1,641.64	NO TREATMENT	\$ -
20	5	Juarez Court	Farrelo Road	End	400	26	10400	1,400	CRACK SEAL	\$ 1,262.80	NO TREATMENT	\$ -
21	5	Pinto Court	Farrelo Road	End	233	32	7456	816	CRACK SEAL	\$ 735.58	NO TREATMENT	\$ -
22	5	Concho Way	End	Bandera Road	508	24	12192	1,778	CRACK SEAL	\$ 1,603.76	NO TREATMENT	\$ -
23	5	Buena Suerte Court	Buena Suerte Road	End	281	30	8430	984	CRACK SEAL	\$ 887.12	NO TREATMENT	\$ -
24	5	Buena Suerte Lane	End	Buena Suerte Road	300	30	9000	1,050	CRACK SEAL	\$ 947.10	NO TREATMENT	\$ -
25	5	Bandera Road	Buena Suerte Road	Mandarin Road	728	25	18200	2,548	CRACK SEAL	\$ 2,298.30	NO TREATMENT	\$ -
26	5		Mandarin Road	End	224	25	5600	784	CRACK SEAL	\$ 707.17	NO TREATMENT	\$ -
27	5	Buena Suerte Road	Cobalt Road	Buena Suerte Lane	378	30	11340	1,323	CRACK SEAL	\$ 1,193.35	CAPE	\$ 8,108.10
28	5		Buena Suerte Lane	El Cortez Road	375	30	11250	1,313	CRACK SEAL	\$ 1,183.88	CAPE	\$ 8,043.75
29	5		El Cortez Road	Plaza Del Amigo	255	30	7650	893	CRACK SEAL	\$ 805.04	CAPE	\$ 5,469.75
30	5		Plaza Del Amigo	Buena Suerte Court	1020	30	30600	3,570	CRACK SEAL	\$ 3,220.14	CAPE	\$ 21,879.00
31	5		Buena Suerte Court	Mirlo Road	1134	30	34020	3,969	CRACK SEAL	\$ 3,580.04	CAPE	\$ 24,324.30
32	5		Mirlo Road	SR 247	504	30	15120	1,764	CRACK SEAL	\$ 1,591.13	CAPE	\$ 10,810.80
33	5		SR 247	Red Bluff Avenue	1017	30	30510	3,560	CRACK SEAL	\$ 3,210.67	CAPE	\$ 21,814.65
34	5		Red Bluff Avenue	Del Rio Way	913	30	27390	3,196	CRACK SEAL	\$ 2,882.34	CAPE	\$ 19,583.85
35	5		Del Rio Way	Bandera Road	486	30	14580	1,701	CRACK SEAL	\$ 1,534.30	CAPE	\$ 10,424.70
36	5	San Juan Road	SR 247	SR 247 OHE	85	26	2210	298	CRACK SEAL	\$ 268.35	CAPE	\$ 1,580.15
37	5		SR 247 OHE	Bandera Road	546	26	14196	1,911	CRACK SEAL	\$ 1,723.72	CAPE	\$ 10,150.14
38	5		Bandera Road	End	250	23	5750	875	CRACK SEAL	\$ 789.25	CAPE	\$ 4,111.25
39	5	Bandera Road	San Juan Road	Concho Way	700	21	14700	2,450	CRACK SEAL	\$ 2,209.90	CAPE	\$ 10,510.50
40	5		Concho Way	Buena Suerte Road	1030	22	22660	3,605	CRACK SEAL	\$ 3,251.71	CAPE	\$ 16,201.90
41	5	Mandarin Road	End	Lotus Way	622	20	12440	2,177	CRACK SEAL	\$ 1,963.65	CAPE	\$ 8,894.60
42	5		Lotus Way	Bandera Road	762	20	15240	2,667	CRACK SEAL	\$ 2,405.63	CAPE	\$ 10,896.60
43	5	Del Rio Way	Buena Suerte Road	End	280	23	6440	980	CRACK SEAL	\$ 883.96	CAPE	\$ 4,604.60
44	5	Mirlo Lane	End	Mirlo Road	371	29	10759	1,299	CRACK SEAL	\$ 1,171.25	CAPE	\$ 7,692.69
45	5	Mirlo Court	Mirlo Road	End	252	29	7308	882	CRACK SEAL	\$ 795.56	CAPE	\$ 5,225.22
46	5	Mirlo Road	Farrelo Road	Mirlo Lane	373	29	10817	1,306	CRACK SEAL	\$ 1,177.56	CAPE	\$ 7,734.16
47	5		Mirlo Lane	Mirlo Court	75	29	2175	263	CRACK SEAL	\$ 236.78	CAPE	\$ 1,555.13
48	5		Mirlo Court	Buena Suerte Road	470	29	13630	1,645	CRACK SEAL	\$ 1,483.79	CAPE	\$ 9,745.45

**FY 2022-23 TOWN-WIDE SLURRY SEAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	CRACK SEAL TREATMENT	CRACK SEAL COST	AC SURFACE TREATMENT	AC TREATMENT COST
49	5	El Cortez Road	Buena Suerte Road	SR 247	265	32	8480	928	CRACK SEAL	\$ 836.61	CAPE	\$ 6,063.20
50	5	Panchita Road	Farrelo Road	Montecello Road	1809	32	57888	6,332	CRACK SEAL	\$ 5,711.01	CAPE	\$ 41,389.92
51	5		Montecello Road	Montecello Road	1307	29	37903	4,575	CRACK SEAL	\$ 4,126.20	CAPE	\$ 27,100.65
52	5	Montecello Road	Farrelo Road	Panchita Road	470	27	12690	1,645	CRACK SEAL	\$ 1,483.79	CAPE	\$ 9,073.35
53	5		Panchita Road	Montecello Lane	315	28	8820	1,103	CRACK SEAL	\$ 994.46	CAPE	\$ 6,306.30
54	5		Montecello Lane	Montecello Court	405	24	9720	1,418	CRACK SEAL	\$ 1,278.59	CAPE	\$ 6,949.80
55	5		Montecello Court	Panchita Road	514	30	15420	1,799	CRACK SEAL	\$ 1,622.70	CAPE	\$ 11,025.30
56	5		Panchita Road	End	437	25	10925	1,530	CRACK SEAL	\$ 1,379.61	CAPE	\$ 7,811.38
					TOTAL LF =	30,579	TOTAL SF =	844,951		\$ 96,537.90	AC Treat	\$ 397,378.41

**ENGINEERING ESTIMATED COST
FY 2022-23 TOWN-WIDE SLURRY SEAL MAINTENANCE PROGRAM**

CLASSIFICATION	COST
MOBILIZATION	\$ 42,000.00
FY 2022-23 LOCAL ROADS SLURRY SEAL (CRACK SEAL)	\$ 397,378.41
FY 2022-23 LOCAL ROADS SLURRY SEAL (MASTIC)	\$ 431,599.74
SIGNING AND STRIPING	\$ 37,856.80
TRAFFIC CONTROL	\$ 50,000.00
SUBTOTAL ESTIMATED COST=	\$ 958,834.95
10% Contingency	\$ 95,883.50
TOTAL ESTIMATED COST=	\$ 1,054,718.45

PROP 68 – PALM AVENUE	
Project #.	TBD
Category	Streets & Highway
Description	Widening Palm Avenue including the construction of curb, gutter and sidewalk, driveway approaches, ADA ramps, median island and roundabout at the intersection with Little League Dr.; and installation of AC pavement
Limit	Sunnyslope (N) to Yucca Wash (S).
Status	Conceptual Design
Schedule	Construction to begin FY 22/23 and end in FY 22/23

Project Cost Estimate		
PA/ED		
PS&E	\$110,000.00	
ROW/Property-Acquisition		
Construction	\$232,833.33	\$465,666.67
Engineering/Inspection	\$20,000.00	\$30,000.00
Indirect Cost Recovery	\$26,000.00	\$52,000.00
Total	\$388,833.33	\$547,666.67

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 350	\$388,833.33	\$547,666.67			
Total	\$388,833.33	\$547,666.67			

Fund Source Description in Appendix

SUNNYSLOPE DRIVE

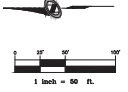
SITE 2

BREHM PARK

SITE 1

LITTLE LEAGUE PARK

PALM AVENUE



BENCH MARK NO.



REVISIONS

NO.	DATE	INITIAL	DESCRIPTION	DATE	APPROV.

PLANS PREPARED BY APPLICANT'S REPRESENTATIVE
 NVIS
 42430 COON STREET, SUITE 106
 (760) 251-5100 FAX (760) 251-5999 EMAIL: VICKIE.BRIDENSTINE@NVIS.COM
 PREPARED UNDER THE SUPERVISION OF: VICKIE L. BRIDENSTINE



TOWN OF YUCCA VALLEY
 YUCCA VALLEY, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA
AQUATIC CENTER
 PROPOSED RIGHT OF WAY IMPROVEMENTS

SHEET
1
 OF 1 SHEETS
 DRAWING NO.
 24-03-000005-00

**PALM AVENUE IMPROVEMENTS
PROP. 68 PROJECT**

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1	Mobilization	1	LS	\$ 38,000	\$ 38,000
1	Curb and Gutter	3,424	LF	\$ 22	\$ 75,328
2	Sidewalk	20,564	SF	\$ 9	\$ 180,963
3	Driveway	6	EA	\$ 550	\$ 3,300
4	H/C Ramp	4	EA	\$ 550	\$ 2,200
5	A.C. Pavement	14,730	SF	\$ 9	\$ 129,624
6	A.C. Pvm't (sawcut)	2,684	SF	\$ 11	\$ 29,524
7	Barrier curb (round)	104	LF	\$ 20	\$ 2,059
8	Barrier curb (median)	360	LF	\$ 20	\$ 7,128
9	Driveway (radius)	4	EA	\$ 1,100	\$ 4,400
10	PCC. Pavement	1,470	SF	\$ 22	\$ 32,340
11	Signing and Striping	1	LS	\$ 24,000	\$ 24,000
CONSTRUCTION TOTAL					\$ 528,866

PRELIM. CONSTRUCTION ESTIMATE (NO PLANS)	20%	\$ 635,000
CONTINGENCY	10%	\$ 63,500
CONSTRUCTION TOTAL ESTIMATED		\$ 698,500
DESIGN	15%	\$ 110,000
ADMINISTRATION		
GEOTECHNICAL	2%	\$ 13,000
SURVEYING	3%	\$ 20,000
INSPECTION	1%	\$ 7,000
ADMINISTRATION TOTAL		\$ 40,000
TOTAL ESTIMATED PROJECT COST		\$ 848,500

PARKS & RECREATION FACILITIES

TRI-VALLEY LITTLE LEAGUE	
Project #.	N/A
Category	Parks and Recreation Facilities
Description	Maintenance of irrigation, landscaping and facility repairs for existing fields.
Limit	
Status	Conceptual Design
Schedule	Construction, FY 2022-23 to FY 2026-27

Project Cost Estimate					
PA/ED					
PS&E					
ROW/Property-Acquisition					
Construction	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Engineering/Inspection					
Indirect Cost					
Recovery					
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 560	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source Description in Appendix





LANDSCAPE NOTE

ALL PLANT MATERIAL WILL CONSIST OF CALIFORNIA-FRIENDLY, LOW WATER USE PLANT MATERIAL WITH ALL PLANTS CHOSEN FROM THE LOW WATER USE CATEGORY ACCORDING TO WUCOLS. ALL LANDSCAPE AREAS WILL CONFORM TO THE CURRENT TOWN OF YUCCA VALLEY LANDSCAPE GUIDELINES.

THE IRRIGATION DESIGN WILL INCORPORATE THE LATEST IN SMART IRRIGATION TECHNOLOGIES. ALL NEW LANDSCAPE AREAS WILL INCLUDE HIGH EFFICIENCY IRRIGATION METHODS TO INCLUDE SUB-SURFACE DRIP, STREAM BUBBLERS, AND ROTARY NOZZLES. ALL POP UP STREAM BUBBLERS SHALL HAVE PC SCREENS AND BE INSTALLED ON SEPARATE VALVES. A SMART IRRIGATION CONTROLLER WITH A RAIN SHUT OFF DEVICE WILL ALSO BE INCORPORATED. BARK MULCH WILL BE USED TO RETAIN MOISTURE AND REDUCE EVAPORATION AND AN IRRIGATION SCHEDULE WILL BE PROVIDED TO PROGRAM THE CONTROLLER. THE IRRIGATION SYSTEM WILL COMPLY WITH ALL CURRENT TOWN OF YUCCA VALLEY GUIDELINES.

NEW LIGHTING WILL BE PROVIDED THROUGHOUT THE PARK

MAJOR SUPPORT AMENITIES

- 1 CONSTRUCT A NEW MULTI-USER PATH/TRAIL/SIDEWALK
- 2 CONSTRUCT (9) NEW EXERCISE STATIONS WITH SHADE
- 3 CONSTRUCT (6) NEW PICNIC AREAS WITH SHADE
- 4 CONSTRUCT (2) NEW GROUP PICNIC AREAS WITH SHADE
- 5 RENOVATE (3) EXISTING BASEBALL FIELDS
- 6 CONSTRUCT A NEW RESTROOM BUILDING AND SNACK BAR
- 7 CONSTRUCT (2) NEW RESTROOM BUILDINGS
- 8 CONSTRUCT A NEW MULTI-PURPOSE FIELD
- 9 CONSTRUCT (2) NEW BASKETBALL COURTS
- 10 CONSTRUCT (2) NEW CLIMBING FEATURES
- 11 CONSTRUCT (2) PAIRS OF NEW SLACKLINE POLES
- 12 CONSTRUCT A NEW INTERACTIVE PLAYGROUND STRUCTURE
- 13 CONSTRUCT NEW PUBLIC ART IN 3 LOCATIONS
- 14 CONSTRUCT A NEW PROMENADE/EVENT PLAZA/STAGE
- 15 CONSTRUCT A NEW SPLASH PAD

MINOR SUPPORT AMENITIES

- 16 CONSTRUCT (2) NEW ENTRYWAY SIGNS
- 17 INSTALL NEW PARK BENCHES THROUGHOUT THE PARK
- 18 CONSTRUCT (2) NEW BUS STOPS
- 19 CONSTRUCT A NEW BATTING CAGE/BULLPEN
- 20 CONSTRUCT A NEW STAGE
- 21 NEW JOSHUA TREE EDUCATION SITE
- 22 INSTALL (3) NEW MURALS

LEGEND

- CONCRETE PAVING
- ACCENT PAVING
- LOW WATER USE LANDSCAPE
- TURF
- NEW TREES

PROPOSITION 68 - AQUATIC AND RECREATION CENTER	
Project #.	TBD
Category	Parks and Recreation Facilities
Description	Design and construction of Aquatic and Recreation facility at the corner of Little League Drive and Palm Avenue
Limit	Corner of Little League Drive and Palm Avenue
Status	Design Phase
Schedule	Design to be completed November/December 2022. Construction to begin February/March 2023

Project Cost Estimate		
Proj Mgr Services	\$279,795.10	\$150,658.90
PS&E	\$1,359,626.25	\$339,906.56
Geotechnical Services	\$105,000.00	\$26,250.00
Engineering/ Inspection	\$86,400.00	\$57,600.00
Construction	\$12,071,361.53	\$5,173,440.66
Indirect Cost Recovery		
Total	\$13,902,182.88	\$5,747,856.12

	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
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Fund Source Description in Appendix



- 1 EXISTING PARKING LOT
- 2 ADJUST AS NEEDED
- 3 RELOCATE RETENTION BASIN
- 4 PARKING LOT
- 5 EXTERIOR FENCED POOL DECK
- 6 NATATORIUM
- 7 ENTRY
- 8 UNDEVELOPED
- 9 30' WIDE PIPELINE EASEMENT
(LOCATION APPROXIMATE)
- 10 GYMNASIUM
- 11 OVERFLOW PARKING (CONNECT
TO PALM AVE. PARKING)
- 12 ADDITIONAL RETENTION AREA
- 13 ENTRY COURT

COMMUNITY CENTER SKATE PARK	
Project #.	TBD
Category	Parks and Recreation Facilities
Description	Construct a new skate park with lighting, seating, shade and public art sculpture/signage; construction of a new walking path, a new picnic shelter, renovate basketball courts and construction of a new interactive play structure focused on learning, health and wellness.
Limit	
Status	Pending Grant Award
Schedule	

Project Cost Estimate		
PA/ED		
PS&E	\$70,000	
ROW/Property Acquisition		
Construction	\$ 747,000	\$ 1,120,000
Engineering/Inspection		
Indirect Cost Recovery		
Total	\$817,000.00	\$1,120,000.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Prop 68 - Grant	\$817,000.00	\$1,120,000.00			
Total	\$817,000.00	\$1,120,000.00			

Fund Source Description in Appendix

Concept Level Site Plan: Yucca Valley Community and Skate Park Renovation Project



SR
SPOHN
RANCH



COMMUNITY CENTER PARK
TOWN OF YUCCA VALLEY, CA

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GRANT SCOPE/COST ESTIMATE FORM

GRANT SCOPE ITEMS	
ACQUISITIONS: List each parcel number, acreage, estimated date of purchase, and cost	
DEVELOPMENT: List each RECREATION FEATURE and MAJOR SUPPORT AMENITY	ESTIMATED COST
Construct a New Skate Park with Lighting, Seating, Shade, and Public Art Sculpture/Signage	\$750,700.00
Construct a New Walking Path	\$128,000.00
Construct a New Picnic Shelter	\$512,550.00
Renovate Two Basketball Courts with Fencing, Seating, and Shade	\$81,250.00
Construct a New Play Structure Focused on Learning, Health, and Wellness with Lighting	\$264,500.00
Construct New Landscaping throughout the Park	\$60,000.00
	\$
	\$
Total Estimated Cost for the RECREATION FEATURES and MAJOR SUPPORT AMENITIES (A)	\$1,797,000.00
Total Estimated PRE-CONSTRUCTION COST (B)	\$70,000.00
TOTAL PROJECT COST (A+B)	\$1,867,000.00
Requested GRANT Amount	\$1,867,000.00
Estimated amount of the GRANT to be charged to PRE-CONSTRUCTION COSTS (cannot exceed 25% of the GRANT)	\$70,000.00

The APPLICANT understands that this form will be used to establish the expected GRANT deliverables; all of the RECREATION FEATURES and MAJOR SUPPORT AMENITIES listed on this form must be completed and open to the public before the final GRANT payment will be made. The APPLICANT also understands that no more than 25% of the GRANT amount may be spent on PRE-CONSTRUCTION costs. See the ELIGIBLE COSTS charts starting on page **Error! Bookmark not defined.** before creating a cost estimate.

 AUTHORIZED REPRESENTATIVE Signature

Curtis Yakingow - Town Manager

07/15/2021

 Date

ESSIG PARK	
Project #.	TBD
Category	Parks and Recreation Facilities
Description	Dog park renovation including installation of irrigation system, landscape improvements and installation of concrete walkway.
Limit	
Status	
Schedule	

Project Cost Estimate	
PA/ED	
PS&E	\$31,720.00
ROW/Property Acquisition	
Construction	\$ 275,440.00
Engineering/ Inspection	\$20,032.00
Indirect Cost Recovery	\$27,544.00
Total	\$ 354,736.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 801	\$ 354,736.00				
Total	\$ 354,736.00				

Fund Source Description in Appendix



PRELIMINARY ESTIMATED CONSTRUCTION COSTS

ESSIG PARK

DOG PARK TURF REPLACEMENT

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	COST
1	Soil Preparation	44,000	SF	\$ 0.60	\$ 26,400.00
2	Turf Installation	44,000	SF	\$ 1.60	\$ 70,400.00
3	Landscape Irrigation	44,000	SF	\$ 1.20	\$ 52,800.00

WALKING PATH - CONCRETE

4	6 FT CONCRETE SIDEWALK (Decomose Granite repalcem)	7200	SF	\$ 14.00	\$ 100,800.00
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ESTIMATED CONSTRUCTION COST **\$ 250,400.00**

Contingency 10% **\$ 25,040.00**

TOTAL CONSTRUCTION ESTIMATED COST **\$ 275,440.00**

Design	\$ 31,720.00
Construction	\$ 250,400.00
Contingency (10%)	\$ 25,040.00
Administration and Inspection	\$ 20,032.00
Indirect Recovery Cost	\$ 27,544.00
Total Estimated Project Cost	\$ 354,736.00

OLD TOWN PUBLIC SQUARE	
Project #.	TBD
Category	Parks and Recreation Facilities
Description	Gathering area for residents and visitors.
Limit	
Status	Conceptual Design
Schedule	

Project Cost Estimate	
PA/ED	
PS&E	\$100,000.00
ROW/Property	
Acquisition	
Construction	
Engineering/	
Inspection	
Indirect Cost	
Recovery	
Total	

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
TBD	\$100,000.00				
Total					

Fund Source Description in Appendix



Yucca Trail

Pioneer Town Road

Elk Trail

Fox Trail

Twentynine Palms Highway

PARKING LOT
(79 STALLS)

FUTURE PARKING
(35 STALLS)

FUTURE DOG PARK
(20,100 SF.)

NEW AMENITIES

- 1 EVENT STAGE
- 2 AMPHITHEATER SEAT WALLS
- 3 OPEN TURF
- 4 PICNIC SHELTER
- 5 RESTROOM BUILDING
- 6 NATURE THEME PLAY CLIMBER W/ SHADE SAILS
- 7 PLAZA W/ SHADE SAILS
- 8 STREET CLOSURE FOR SPECIAL EVENTS
- 9 TRASH ENCLOSURE

LEGEND

- CONCRETE PAVING
- ACCENT PAVING
- DECOMPOSED GRANITE
- LOW WATER USE LANDSCAPE
- TURF



YUCCA VALLEY OLD TOWN

Concept Plan



September 2021

PUBLIC FACILITIES

Senior Center Modernization	
Project #.	N/A
Category	Public Facilities
Description	Facility modernization including restroom, lobby and entry, flooring, exterior appearance and other visual improvements.
Limit	N/A
Status	Conceptual Design
Schedule	

Project Cost Estimate	
PA/ED	
PS&E	\$369,000.00
ROW/Property-Acquisition	
Construction	
Engineering/Inspection	
Indirect Cost	
Recovery	
Total	\$369,000.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
FUND 801	\$269,000.00				
FUND 001	\$100,000.00				
Total	\$369,000.00				

Fund Source Description in Appendix



TOWN-OWNED PROPERTY

Town Hall Redesign Project	
Project #.	5007
Category	Town-Owned Properties
Description	Feasibility Study
Limit	
Status	Conceptual Design
Schedule	Study to start and end in FY 2021/2022.

Project Cost Estimate	
PA/ED	
PS&E	\$150,000.00
ROW/Property-Acquisition	
Construction	
Engineering/Inspection	
Indirect Cost	
Recovery	
Total	\$150,000.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 800 Capital Project Reserve	\$150,000.00				
Total	\$150,000.00				

Fund Source Description in Appendix



SECTION II

FISCAL YEAR 2023/2024 PROJECT DESCRIPTIONS

STREETS & HIGHWAYS

PROP 68 – PALM AVENUE	
Project #.	TBD
Category	Streets & Highway
Description	Widening Palm Avenue including the construction of curb, gutter and sidewalk, driveway approaches, ADA ramps, median island and roundabout at the intersection with Little League Dr.; and installation of AC pavement
Limit	Sunnyslope (N) to Yucca Wash (S).
Status	Conceptual Design
Schedule	Construction to begin FY 22/23 and end in FY 22/23

Project Cost Estimate			
PA/ED			
PS&E	\$110,000.00		
ROW/Property-Acquisition			
Construction	\$232,833.33	\$465,666.67	
Engineering/Inspection	\$20,000.00	\$30,000.00	
Indirect Cost Recovery	\$26,000.00	\$52,000.00	
Total	\$388,833.33	\$547,666.67	

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 350	\$388,833.33	\$547,666.67			
Total	\$388,833.33	\$547,666.67			

Fund Source Description in Appendix

SUNNYSLOPE DRIVE

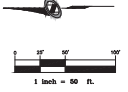
SITE 2

BREHM PARK

SITE 1

LITTLE LEAGUE PARK

PALM AVENUE



BENCH MARK NO.



REVISIONS

NO.	DATE	INITIAL	DESCRIPTION	DATE	APPROV.

PLANS PREPARED BY APPLICANT'S REPRESENTATIVE
NIVS
 42430 LION STREET, SUITE 106
 (760) 251-5100 FAX (760) 251-5999 EMAIL: VICKIE.BRIDENSTINE@NIVS.COM
 PREPARED UNDER THE SUPERVISION OF: VICKIE L. BRIDENSTINE



TOWN OF YUCCA VALLEY
 YUCCA VALLEY, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA
AQUATIC CENTER
 PROPOSED RIGHT OF WAY IMPROVEMENTS

SHEET
1
 OF 1 SHEETS
 DRAWING NO.
 24-73-000005-00

**PALM AVENUE IMPROVEMENTS
PROP. 68 PROJECT**

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1	Mobilization	1	LS	\$ 38,000	\$ 38,000
1	Curb and Gutter	3,424	LF	\$ 22	\$ 75,328
2	Sidewalk	20,564	SF	\$ 9	\$ 180,963
3	Driveway	6	EA	\$ 550	\$ 3,300
4	H/C Ramp	4	EA	\$ 550	\$ 2,200
5	A.C. Pavement	14,730	SF	\$ 9	\$ 129,624
6	A.C. Pvm't (sawcut)	2,684	SF	\$ 11	\$ 29,524
7	Barrier curb (round)	104	LF	\$ 20	\$ 2,059
8	Barrier curb (median)	360	LF	\$ 20	\$ 7,128
9	Driveway (radius)	4	EA	\$ 1,100	\$ 4,400
10	PCC. Pavement	1,470	SF	\$ 22	\$ 32,340
11	Signing and Striping	1	LS	\$ 24,000	\$ 24,000
CONSTRUCTION TOTAL					\$ 528,866

PRELIM. CONSTRUCTION ESTIMATE (NO PLANS)	20%	\$ 635,000
CONTINGENCY	10%	\$ 63,500
CONSTRUCTION TOTAL ESTIMATED		\$ 698,500
DESIGN	15%	\$ 110,000
ADMINISTRATION		
GEOTECHNICAL	2%	\$ 13,000
SURVEYING	3%	\$ 20,000
INSPECTION	1%	\$ 7,000
ADMINISTRATION TOTAL		\$ 40,000
TOTAL ESTIMATED PROJECT COST		\$ 848,500

RESIDENTIAL CRACK SEAL	
Project #.	
Category	Streets & Highway
Description	Crack sealing
Limit	Town-wide
Status	
Schedule	Construction FY 21/22 to FY 23/24

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction	\$176,027.77	\$137,952.73	\$186,802.07
Engineering/Inspection	\$8,001.26	\$6,270.58	\$9,340.10
Indirect Cost Recovery	\$17,602.78	\$13,795.27	\$20,548.23
Total	\$201,631.81	\$158,018.58	\$216,690.41

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 801	\$201,631.81	\$158,018.58			\$216,690.41
Total	\$201,631.81	\$158,018.58			\$216,690.41

Fund Source Description in Appendix

**FY 2023-24 TOWN-WIDE TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	CRACK SEAL TREATMENT	CRACK SEAL COST	AC SURFACE TREATMENT	AC TREATMENT COST
1	12	Joshua Drive	Balsa Avenue	Emerson Avenue	567	26	14742	1,985	CRACK SEAL	\$ 1,871.38	CAPE	\$ 11,067.56
2	12		Emerson Avenue	Rubidoux Avenue	1037	26	26962	3,630	CRACK SEAL	\$ 3,422.62	CAPE	\$ 20,241.72
3	12		Rubidoux Avenue	Palomar Avenue	384	29	11136	1,344	CRACK SEAL	\$ 1,267.39	CAPE	\$ 8,360.35
4	14	LaCadena	Kismet	Sage	898	21	18858	3,143	CRACK SEAL	\$ 2,963.85	CAPE	\$ 14,157.64
5	14	Sage Ct	Sage	End	225	30	6750	788	CRACK SEAL	\$ 742.61	CAPE	\$ 5,067.56
6	14	Kismet Road	End	Amador Avenue	173	35	6055	606	CRACK SEAL	\$ 570.99	SLURRY	\$ 1,678.45
7	14		Amador Avenue	Grand Avenue	1061	35	37135	3,714	CRACK SEAL	\$ 3,501.83	SLURRY	\$ 10,293.82
8	14		Grand Avenue	La Cadena Road	264	32	8448	924	CRACK SEAL	\$ 871.33	SLURRY	\$ 2,341.79
9	14		La Cadena Road	Java Drive	464	32	14848	1,624	CRACK SEAL	\$ 1,531.43	SLURRY	\$ 4,115.87
10	14		Java Drive	Sage Avenue	554	31	17174	1,939	CRACK SEAL	\$ 1,828.48	SLURRY	\$ 4,760.63
11	14	Ivanhoe Dr.	Grand Avenue	Sage Avenue	1144	32	36608	4,004	CRACK SEAL	\$ 3,775.77	CAPE	\$ 27,483.46
12	14	Hidden Gold Dr	Western End	Amador Avenue	525	31	16275	1,838	CRACK SEAL	\$ 1,732.76	CAPE	\$ 12,218.46
13	14		Grand	Sage	1145	35	40075	4,008	CRACK SEAL	\$ 3,779.07	CAPE	\$ 30,086.31
14	14	Golden Bee	Cholla Avenue	Amador Avenue	1844	30	55320	6,454	CRACK SEAL	\$ 6,086.12	CAPE	\$ 41,531.49
15	14		Amador Avenue	Grand Avenue	391	30	11730	1,369	CRACK SEAL	\$ 1,290.50	CAPE	\$ 8,806.30
16	14		Grand Avenue	Sage Avenue	1147	22	25234	4,015	CRACK SEAL	\$ 3,785.67	CAPE	\$ 18,944.43
17	14	Free Gold Dr	Cul De Sac	Amador Avenue	464	30	13920	1,624	CRACK SEAL	\$ 1,531.43	CAPE	\$ 10,450.44
18	14		Grand	Sage	1149	26	29874	4,022	CRACK SEAL	\$ 3,792.27	CAPE	\$ 22,427.91
19	14	El Dorado	Cholla Avenue	Amador Avenue	1811	29	52519	6,339	CRACK SEAL	\$ 5,977.21	CAPE	\$ 39,428.64
20	14		Grand	Sage	1148	26	29848	4,018	CRACK SEAL	\$ 3,788.97	CAPE	\$ 22,408.39
21	14	Desert Gold Dr	Cholla Avenue	Amador Avenue	1808	30	54240	6,328	CRACK SEAL	\$ 5,967.30	CAPE	\$ 40,720.68
22	14		Amador Avenue	Grand Avenue	359	28	10052	1,257	CRACK SEAL	\$ 1,184.88	CAPE	\$ 7,546.54
23	14		Grand	Sage	1148	26	29848	4,018	CRACK SEAL	\$ 3,788.97	CAPE	\$ 22,408.39
24	14	Carlyle	Cholla Avenue	Amador Avenue	1813	30	54390	6,346	CRACK SEAL	\$ 5,983.81	CAPE	\$ 40,833.29
25	14		Grand Avenue	Sage Avenue	1132	23	26036	3,962	CRACK SEAL	\$ 3,736.17	CAPE	\$ 19,546.53
26	14	Bonanza	Cholla Avenue	Amador Avenue	1815	26	47190	6,353	CRACK SEAL	\$ 5,990.41	CAPE	\$ 35,427.89
27	14		Grand Avenue	Sage Avenue	1128	25	28200	3,948	CRACK SEAL	\$ 3,722.96	CAPE	\$ 21,171.15
28	14	Anaconda	Cholla Avenue	Amador Avenue	1807	26	46982	6,325	CRACK SEAL	\$ 5,964.00	CAPE	\$ 35,271.74
29	14		Grand Avenue	Sage Avenue	1005	24	24120	3,518	CRACK SEAL	\$ 3,317.00	CAPE	\$ 18,108.09
30	17	Pinon Drive	SR 62	SR 62 OHS	40	35	1400	140	CRACK SEAL	\$ 132.02	CAPE	\$ 1,051.05
31	17		SR 62 OHS	Onaga Trail	548	35	19180	1,918	CRACK SEAL	\$ 1,808.67	CAPE	\$ 14,399.39
32	17		Onaga Trail	Navajo Trail	399	35	13965	1,397	CRACK SEAL	\$ 1,316.90	CAPE	\$ 10,484.22
33	17		Navajo Trail	End	513	35	17955	1,796	CRACK SEAL	\$ 1,693.16	CAPE	\$ 13,479.72
34	17	Navajo	Arrowhead Drive	Pinon Drive	400	35	14000	1,400	CRACK SEAL	\$ 1,320.20	CAPE	\$ 10,510.50
35	17	SR 62 OHS	End	Pinon Drive	1476	37	54612	5,166	CRACK SEAL	\$ 4,871.54	CAPE	\$ 40,999.96
36	17		Pinon Drive	Camino Del Cielo	1364	35	47740	4,774	CRACK SEAL	\$ 4,501.88	CAPE	\$ 35,840.81
TOTAL LF =					33,150	TOTAL SF =		963,421		\$ 109,411.58	AC Treat	\$ 683,671.12

ENGINEERING ESTIMATED COST
FY 2023-24 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM

CLASSIFICATION	COST
MOBILIZATION	\$ 9,000.00
FY 2021-21 LOCAL ROADS CRACK SEAL	\$ 109,411.58
TRAFFIC CONTROL	\$ 7,000.00
SUBTOTAL ESTIMATED COST= \$ 125,411.58	
10% Contingency \$ 12,541.16	
TOTAL ESTIMATED COST= \$ 137,952.73	

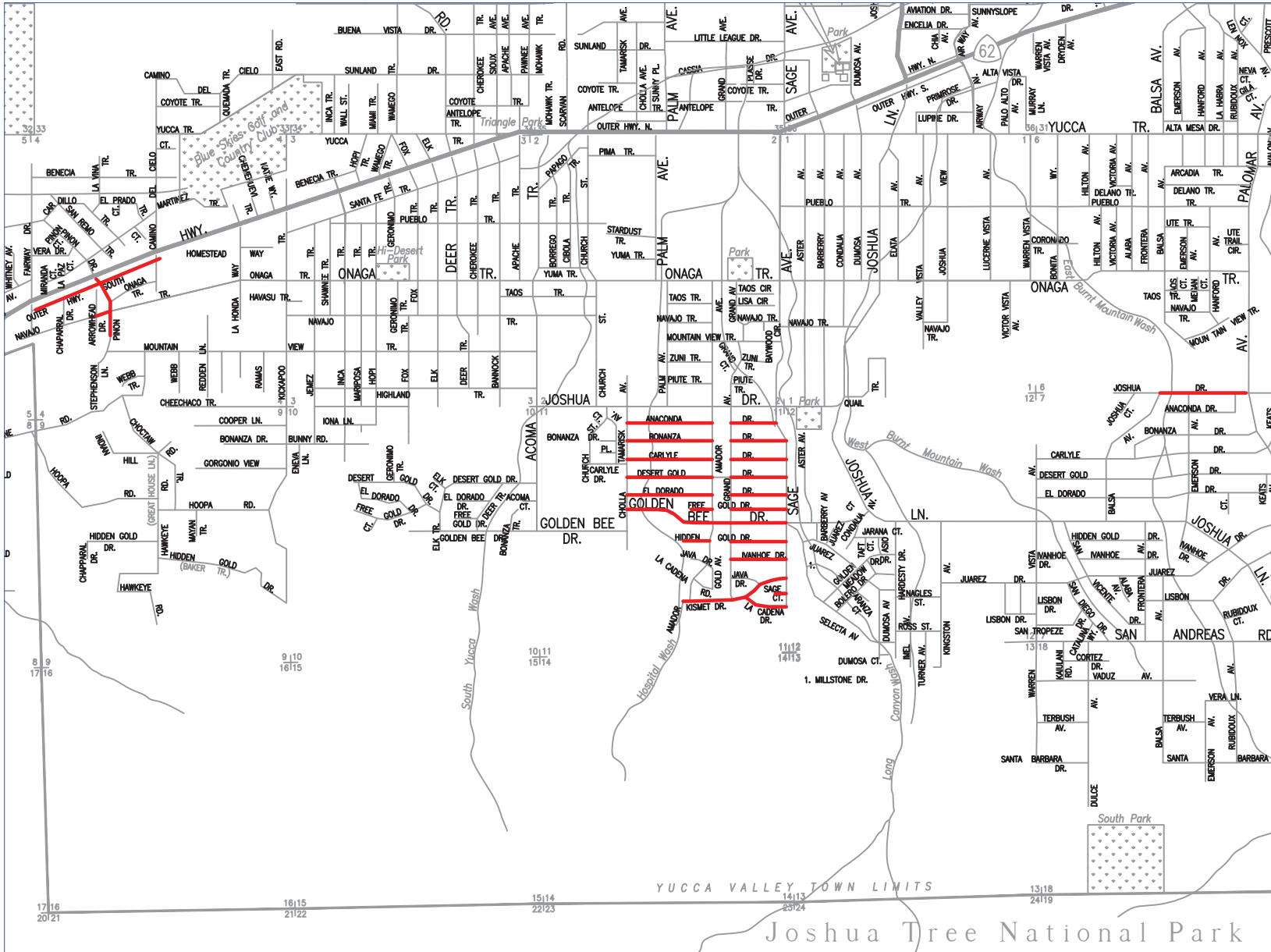
RESIDENTIAL SLURRY SEAL	
Project #.	
Category	Streets & Highway
Description	Installation of slurry seal/cape seal
Limit	Town-wide
Status	
Schedule	Construction FY 21/22 to FY 23/24

Project Cost Estimate				
PA/ED				
PS&E				
ROW/Property-Acquisition				
Construction	\$1,054,718.45	\$904,938.24		\$1,119,275.65
Engineering/Inspection	\$47,941.75	\$41,133.56		\$55,963.78
Indirect Cost Recovery	\$105,471.84	\$90,493.82		\$123,120.32
Total	\$1,208,132.04	\$1,036,565.61		\$1,298,359.76

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 801	\$1,208,132.04	\$1,036,565.61			\$1,298,359.76
Total	\$1,208,132.04	\$1,036,565.61			\$1,298,359.76

Fund Source Description in Appendix

FY 2023-2024 TOWN-WIDE SLURRY SEAL RESIDENTIAL/LOCAL ROADS



**FY 2023-24 TOWN-WIDE SLURRY SEAL ANNUAL MAINTENANCE PROGRAM
RESIDENTIAL/LOCAL ROADS**

#	Zone	STREET NAME	FROM	TO	LENGTH	WIDTH	AREA	CRACK (LF)	CRACK SEAL TREATMENT	CRACK SEAL COST	AC SURFACE TREATMENT	AC TREATMENT COST
1	12	Joshua Drive	Balsa Avenue	Emerson Avenue	567	26	14742	1,985	CRACK SEAL	\$ 1,871.38	CAPE	\$ 11,067.56
2	12		Emerson Avenue	Rubidoux Avenue	1037	26	26962	3,630	CRACK SEAL	\$ 3,422.62	CAPE	\$ 20,241.72
3	12		Rubidoux Avenue	Palomar Avenue	384	29	11136	1,344	CRACK SEAL	\$ 1,267.39	CAPE	\$ 8,360.35
4	14	LaCadena	Kismet	Sage	898	21	18858	3,143	CRACK SEAL	\$ 2,963.85	CAPE	\$ 14,157.64
5	14	Sage Ct	Sage	End	225	30	6750	788	CRACK SEAL	\$ 742.61	CAPE	\$ 5,067.56
6	14	Kismet Road	End	Amador Avenue	173	35	6055	606	CRACK SEAL	\$ 570.99	SLURRY	\$ 1,678.45
7	14		Amador Avenue	Grand Avenue	1061	35	37135	3,714	CRACK SEAL	\$ 3,501.83	SLURRY	\$ 10,293.82
8	14		Grand Avenue	La Cadena Road	264	32	8448	924	CRACK SEAL	\$ 871.33	SLURRY	\$ 2,341.79
9	14		La Cadena Road	Java Drive	464	32	14848	1,624	CRACK SEAL	\$ 1,531.43	SLURRY	\$ 4,115.87
10	14		Java Drive	Sage Avenue	554	31	17174	1,939	CRACK SEAL	\$ 1,828.48	SLURRY	\$ 4,760.63
11	14	Ivanhoe Dr.	Grand Avenue	Sage Avenue	1144	32	36608	4,004	CRACK SEAL	\$ 3,775.77	CAPE	\$ 27,483.46
12	14	Hidden Gold Dr	Western End	Amador Avenue	525	31	16275	1,838	CRACK SEAL	\$ 1,732.76	CAPE	\$ 12,218.46
13	14		Grand	Sage	1145	35	40075	4,008	CRACK SEAL	\$ 3,779.07	CAPE	\$ 30,086.31
14	14	Golden Bee	Cholla Avenue	Amador Avenue	1844	30	55320	6,454	CRACK SEAL	\$ 6,086.12	CAPE	\$ 41,531.49
15	14		Amador Avenue	Grand Avenue	391	30	11730	1,369	CRACK SEAL	\$ 1,290.50	CAPE	\$ 8,806.30
16	14		Grand Avenue	Sage Avenue	1147	22	25234	4,015	CRACK SEAL	\$ 3,785.67	CAPE	\$ 18,944.43
17	14	Free Gold Dr	Cul De Sac	Amador Avenue	464	30	13920	1,624	CRACK SEAL	\$ 1,531.43	CAPE	\$ 10,450.44
18	14		Grand	Sage	1149	26	29874	4,022	CRACK SEAL	\$ 3,792.27	CAPE	\$ 22,427.91
19	14	El Dorado	Cholla Avenue	Amador Avenue	1811	29	52519	6,339	CRACK SEAL	\$ 5,977.21	CAPE	\$ 39,428.64
20	14		Grand	Sage	1148	26	29848	4,018	CRACK SEAL	\$ 3,788.97	CAPE	\$ 22,408.39
21	14	Desert Gold Dr	Cholla Avenue	Amador Avenue	1808	30	54240	6,328	CRACK SEAL	\$ 5,967.30	CAPE	\$ 40,720.68
22	14		Amador Avenue	Grand Avenue	359	28	10052	1,257	CRACK SEAL	\$ 1,184.88	CAPE	\$ 7,546.54
23	14		Grand	Sage	1148	26	29848	4,018	CRACK SEAL	\$ 3,788.97	CAPE	\$ 22,408.39
24	14	Carlyle	Cholla Avenue	Amador Avenue	1813	30	54390	6,346	CRACK SEAL	\$ 5,983.81	CAPE	\$ 40,833.29
25	14		Grand Avenue	Sage Avenue	1132	23	26036	3,962	CRACK SEAL	\$ 3,736.17	CAPE	\$ 19,546.53
26	14	Bonanza	Cholla Avenue	Amador Avenue	1815	26	47190	6,353	CRACK SEAL	\$ 5,990.41	CAPE	\$ 35,427.89
27	14		Grand Avenue	Sage Avenue	1128	25	28200	3,948	CRACK SEAL	\$ 3,722.96	CAPE	\$ 21,171.15
28	14	Anaconda	Cholla Avenue	Amador Avenue	1807	26	46982	6,325	CRACK SEAL	\$ 5,964.00	CAPE	\$ 35,271.74
29	14		Grand Avenue	Sage Avenue	1005	24	24120	3,518	CRACK SEAL	\$ 3,317.00	CAPE	\$ 18,108.09
30	17	Pinon Drive	SR 62	SR 62 OHS	40	35	1400	140	CRACK SEAL	\$ 132.02	CAPE	\$ 1,051.05
31	17		SR 62 OHS	Onaga Trail	548	35	19180	1,918	CRACK SEAL	\$ 1,808.67	CAPE	\$ 14,399.39
32	17		Onaga Trail	Navajo Trail	399	35	13965	1,397	CRACK SEAL	\$ 1,316.90	CAPE	\$ 10,484.22
33	17		Navajo Trail	End	513	35	17955	1,796	CRACK SEAL	\$ 1,693.16	CAPE	\$ 13,479.72
34	17	Navajo	Arrowhead Drive	Pinon Drive	400	35	14000	1,400	CRACK SEAL	\$ 1,320.20	CAPE	\$ 10,510.50
35	17	SR 62 OHS	End	Pinon Drive	1476	37	54612	5,166	CRACK SEAL	\$ 4,871.54	CAPE	\$ 40,999.96
36	17		Pinon Drive	Camino Del Cielo	1364	35	47740	4,774	CRACK SEAL	\$ 4,501.88	CAPE	\$ 35,840.81
TOTAL LF =					33,150	TOTAL SF =		963,421		\$ 109,411.58	AC Treat	\$ 683,671.12

**ENGINEERING ESTIMATED COST
FY 2023-24 TOWN-WIDE SLURRY SEAL ANNUAL MAINTENANCE PROGRAM**

CLASSIFICATION	COST
MOBILIZATION	\$ 55,000.00
FY 2022-24 LOCAL ROADS SLURRY SEAL	\$ 683,671.12
SIGNING AND STRIPING	\$ 42,000.00
TRAFFIC CONTROL	\$ 42,000.00
SUBTOTAL ESTIMATED COST=	\$ 822,671.12
10% Contingency	\$ 82,267.11
TOTAL ESTIMATED COST=	\$ 904,938.24

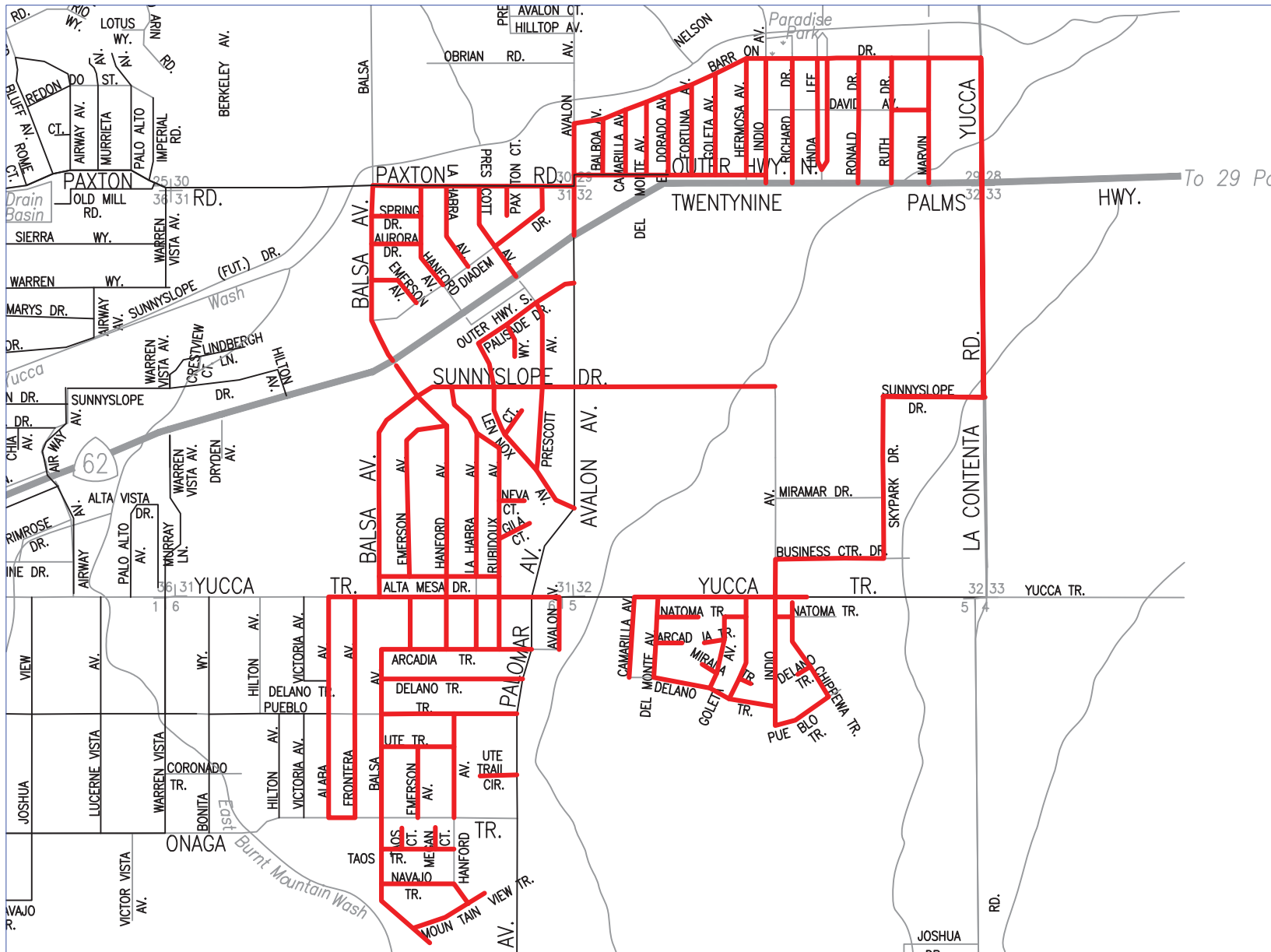
PACKAGE A CRACK SEAL	
Project #.	7037
Category	Streets & Highway
Description	Crack sealing for Project 8340 Town wide Slurry Seal FY 23/24
Limit	
Status	Design Phase Complete
Schedule	Construction to begin January 2023 and end March 2023

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction		\$564,344.00	\$1,583,340.00
Engineering/Inspection		\$28,217.20	\$71,970.00
Indirect Cost Recovery		\$56,434.40	\$158,334.00
Total		\$648,995.60	\$1,813,644.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 517			\$304,408.00		
Fund 524		\$648,995.60	\$578,536.00		
Fund 801			\$930,700.00		
Total		\$648,995.60	\$1,813,644.00		

Fund Source Description in Appendix

FY 2023-24 PACKAGE A



**FY 2023-24 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
PACKAGE A - SEWER**

Streets Length 124,945 LF
Streets Area 3,748,338 SF

Gap Streets Length 15,091 LF
Gap Streets Areas 452,740 SF

ITEM	DESCRIPTION	QTY	UNITS	UNIT COST	COST
1	MOBILIZATION	1	LS	\$ 27,730.00	\$ 27,730.00
2	CRACK SEAL	490,126	LF	\$ 0.94	\$ 462,200.00
3	TRAFFIC CONTROL	1	LS	\$ 23,110.00	\$ 23,110.00
SUBTOTAL ESTIMATED COST =					\$ 513,040.00
CONTINGENCY				10%	\$ 51,304.00
TOTAL ESTIMATED COST =					\$ 564,344.00

PARKS & RECREATION FACILITIES

PROPOSITION 68 - AQUATIC AND RECREATION CENTER	
Project #.	TBD
Category	Parks and Recreation Facilities
Description	Design and construction of Aquatic and Recreation facility at the corner of Little League Drive and Palm Avenue
Limit	Corner of Little League Drive and Palm Avenue
Status	Design Phase
Schedule	Design to be completed November/December 2022. Construction to begin February/March 2023

Project Cost Estimate			
Proj Mgr Services	\$279,795.10	\$150,658.90	
PS&E	\$1,359,626.25	\$339,906.56	
Geotechnical Services	\$105,000.00	\$26,250.00	
Engineering/ Inspection	\$86,400.00	\$57,600.00	
Construction	\$12,071,361.53	\$5,173,440.66	
Indirect Cost Recovery			
Total	\$13,902,182.88	\$5,747,856.12	

	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
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Fund Source Description in Appendix



- 1 EXISTING PARKING LOT
- 2 ADJUST AS NEEDED
- 3 RELOCATE RETENTION BASIN
- 4 PARKING LOT
- 5 EXTERIOR FENCED POOL DECK
- 6 NATATORIUM
- 7 ENTRY
- 8 UNDEVELOPED
- 9 30' WIDE PIPELINE EASEMENT
(LOCATION APPROXIMATE)
- 10 GYMNASIUM
- 11 OVERFLOW PARKING (CONNECT
TO PALM AVE. PARKING)
- 12 ADDITIONAL RETENTION AREA
- 13 ENTRY COURT

COMMUNITY CENTER SKATE PARK	
Project #.	TBD
Category	Parks and Recreation Facilities
Description	Construct a new skate park with lighting, seating, shade and public art sculpture/signage; construction of a new walking path, a new picnic shelter, renovate basketball courts and construction of a new interactive play structure focused on learning, health and wellness.
Limit	
Status	Pending Grant Award
Schedule	

Project Cost Estimate			
PA/ED			
PS&E	\$70,000		
ROW/Property Acquisition			
Construction	\$ 747,000	\$ 1,120,000	
Engineering/ Inspection			
Indirect Cost			
Recovery			
Total	\$817,000.00	\$1,120,000.00	

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Prop 68 - Grant	\$817,000.00	\$1,120,000.00			
Total	\$817,000.00	\$1,120,000.00			

Fund Source Description in Appendix

Concept Level Site Plan: Yucca Valley Community and Skate Park Renovation Project



SR
SPOHN
RANCH



COMMUNITY CENTER PARK
TOWN OF YUCCA VALLEY, CA

COPYRIGHT 2019

GRANT SCOPE/COST ESTIMATE FORM

GRANT SCOPE ITEMS	
ACQUISITIONS: List each parcel number, acreage, estimated date of purchase, and cost	
DEVELOPMENT: List each RECREATION FEATURE and MAJOR SUPPORT AMENITY	ESTIMATED COST
Construct a New Skate Park with Lighting, Seating, Shade, and Public Art Sculpture/Signage	\$750,700.00
Construct a New Walking Path	\$128,000.00
Construct a New Picnic Shelter	\$512,550.00
Renovate Two Basketball Courts with Fencing, Seating, and Shade	\$81,250.00
Construct a New Play Structure Focused on Learning, Health, and Wellness with Lighting	\$264,500.00
Construct New Landscaping throughout the Park	\$60,000.00
	\$
	\$
Total Estimated Cost for the RECREATION FEATURES and MAJOR SUPPORT AMENITIES (A)	\$1,797,000.00
Total Estimated PRE-CONSTRUCTION COST (B)	\$70,000.00
TOTAL PROJECT COST (A+B)	\$1,867,000.00
Requested GRANT Amount	\$1,867,000.00
Estimated amount of the GRANT to be charged to PRE-CONSTRUCTION COSTS (cannot exceed 25% of the GRANT)	\$70,000.00

The APPLICANT understands that this form will be used to establish the expected GRANT deliverables; all of the RECREATION FEATURES and MAJOR SUPPORT AMENITIES listed on this form must be completed and open to the public before the final GRANT payment will be made. The APPLICANT also understands that no more than 25% of the GRANT amount may be spent on PRE-CONSTRUCTION costs. See the ELIGIBLE COSTS charts starting on page **Error! Bookmark not defined.** before creating a cost estimate.

 AUTHORIZED REPRESENTATIVE Signature

Curtis Yakingow - Town Manager

07/15/2021

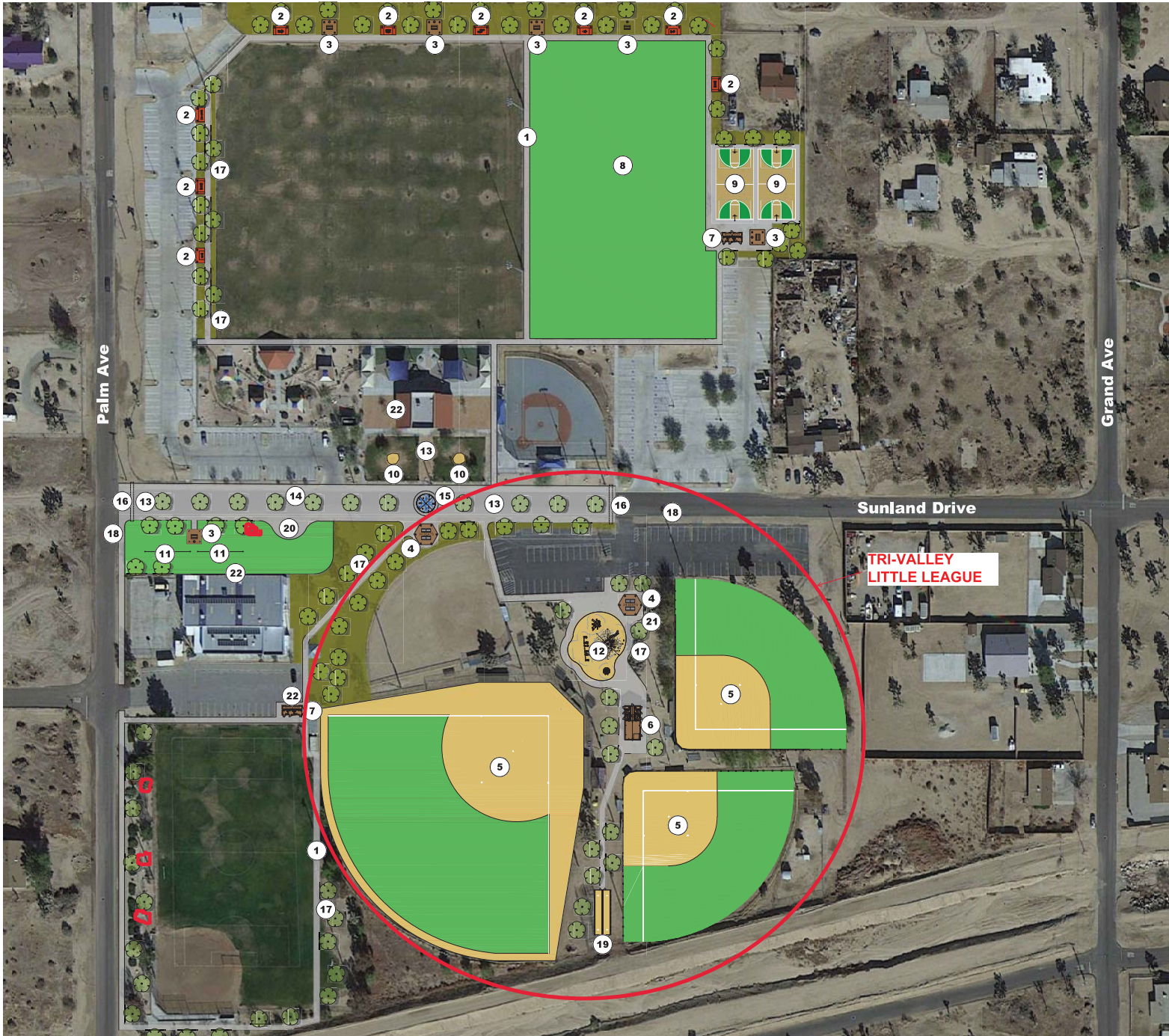
 Date

TRI-VALLEY LITTLE LEAGUE	
Project #.	N/A
Category	Parks and Recreation Facilities
Description	Maintenance of irrigation, landscaping and facility repairs for existing fields.
Limit	
Status	Conceptual Design
Schedule	Construction, FY 2022-23 to FY 2026-27

Project Cost Estimate					
PA/ED					
PS&E					
ROW/Property-Acquisition					
Construction	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Engineering/Inspection					
Indirect Cost Recovery					
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 560	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source Description in Appendix



LANDSCAPE NOTE

ALL PLANT MATERIAL WILL CONSIST OF CALIFORNIA-FRIENDLY, LOW WATER USE PLANT MATERIAL WITH ALL PLANTS CHOSEN FROM THE LOW WATER USE CATEGORY ACCORDING TO WUCOLS. ALL LANDSCAPE AREAS WILL CONFORM TO THE CURRENT TOWN OF YUCCA VALLEY LANDSCAPE GUIDELINES.

THE IRRIGATION DESIGN WILL INCORPORATE THE LATEST IN SMART IRRIGATION TECHNOLOGIES. ALL NEW LANDSCAPE AREAS WILL INCLUDE HIGH EFFICIENCY IRRIGATION METHODS TO INCLUDE SUB-SURFACE DRIP, STREAM BUBBLERS, AND ROTARY NOZZLES. ALL POP UP STREAM BUBBLERS SHALL HAVE PC SCREENS AND BE INSTALLED ON SEPARATE VALVES. A SMART IRRIGATION CONTROLLER WITH A RAIN SHUT OFF DEVICE WILL ALSO BE INCORPORATED. BARK MULCH WILL BE USED TO RETAIN MOISTURE AND REDUCE EVAPORATION AND AN IRRIGATION SCHEDULE WILL BE PROVIDED TO PROGRAM THE CONTROLLER. THE IRRIGATION SYSTEM WILL COMPLY WITH ALL CURRENT TOWN OF YUCCA VALLEY GUIDELINES.

NEW LIGHTING WILL BE PROVIDED THROUGHOUT THE PARK

MAJOR SUPPORT AMENITIES

- 1 CONSTRUCT A NEW MULTI-USER PATH/TRAIL/SIDEWALK
- 2 CONSTRUCT (9) NEW EXERCISE STATIONS WITH SHADE
- 3 CONSTRUCT (6) NEW PICNIC AREAS WITH SHADE
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- 14 CONSTRUCT A NEW PROMENADE/EVENT PLAZA/STAGE
- 15 CONSTRUCT A NEW SPLASH PAD

MINOR SUPPORT AMENITIES

- 16 CONSTRUCT (2) NEW ENTRYWAY SIGNS
- 17 INSTALL NEW PARK BENCHES THROUGHOUT THE PARK
- 18 CONSTRUCT (2) NEW BUS STOPS
- 19 CONSTRUCT A NEW BATTING CAGE/BULLPEN
- 20 CONSTRUCT A NEW STAGE
- 21 NEW JOSHUA TREE EDUCATION SITE
- 22 INSTALL (3) NEW MURALS

LEGEND

- CONCRETE PAVING
- ACCENT PAVING
- LOW WATER USE LANDSCAPE
- TURF
- NEW TREES

SECTION III

FISCAL YEAR 2024/2025
PROJECT DESCRIPTIONS

STREETS & HIGHWAYS

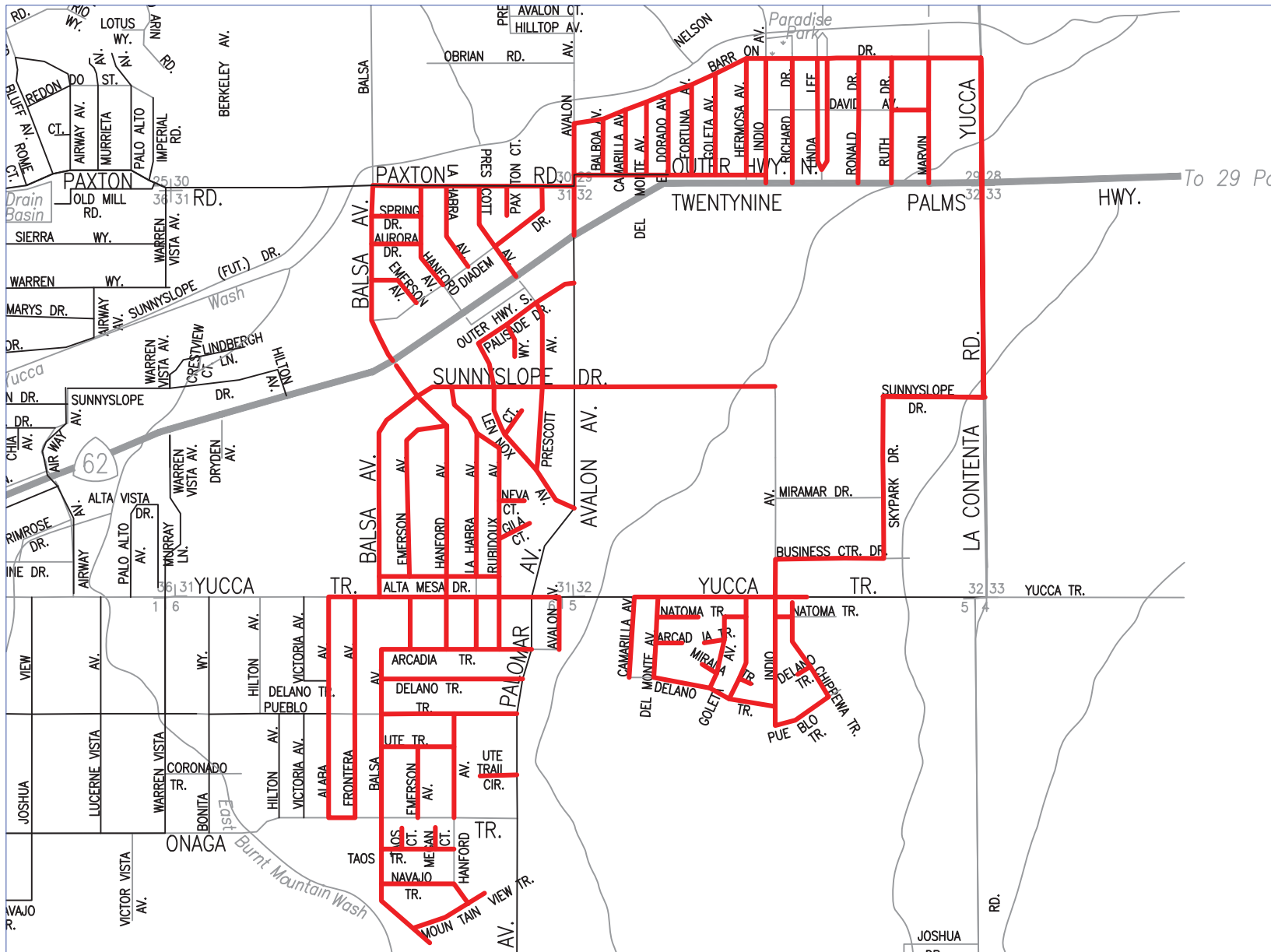
PACKAGE A CRACK SEAL	
Project #.	7037
Category	Streets & Highway
Description	Crack sealing for Project 8340 Town wide Slurry Seal FY 23/24
Limit	
Status	Design Phase Complete
Schedule	Construction to begin January 2023 and end March 2023

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction	\$564,344.00	\$1,583,340.00	
Engineering/Inspection	\$28,217.20	\$71,970.00	
Indirect Cost Recovery	\$56,434.40	\$158,334.00	
Total	\$648,995.60	\$1,813,644.00	

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 517			\$304,408.00		
Fund 524		\$648,995.60	\$578,536.00		
Fund 801			\$930,700.00		
Total		\$648,995.60	\$1,813,644.00		

Fund Source Description in Appendix

FY 2023-24 PACKAGE A



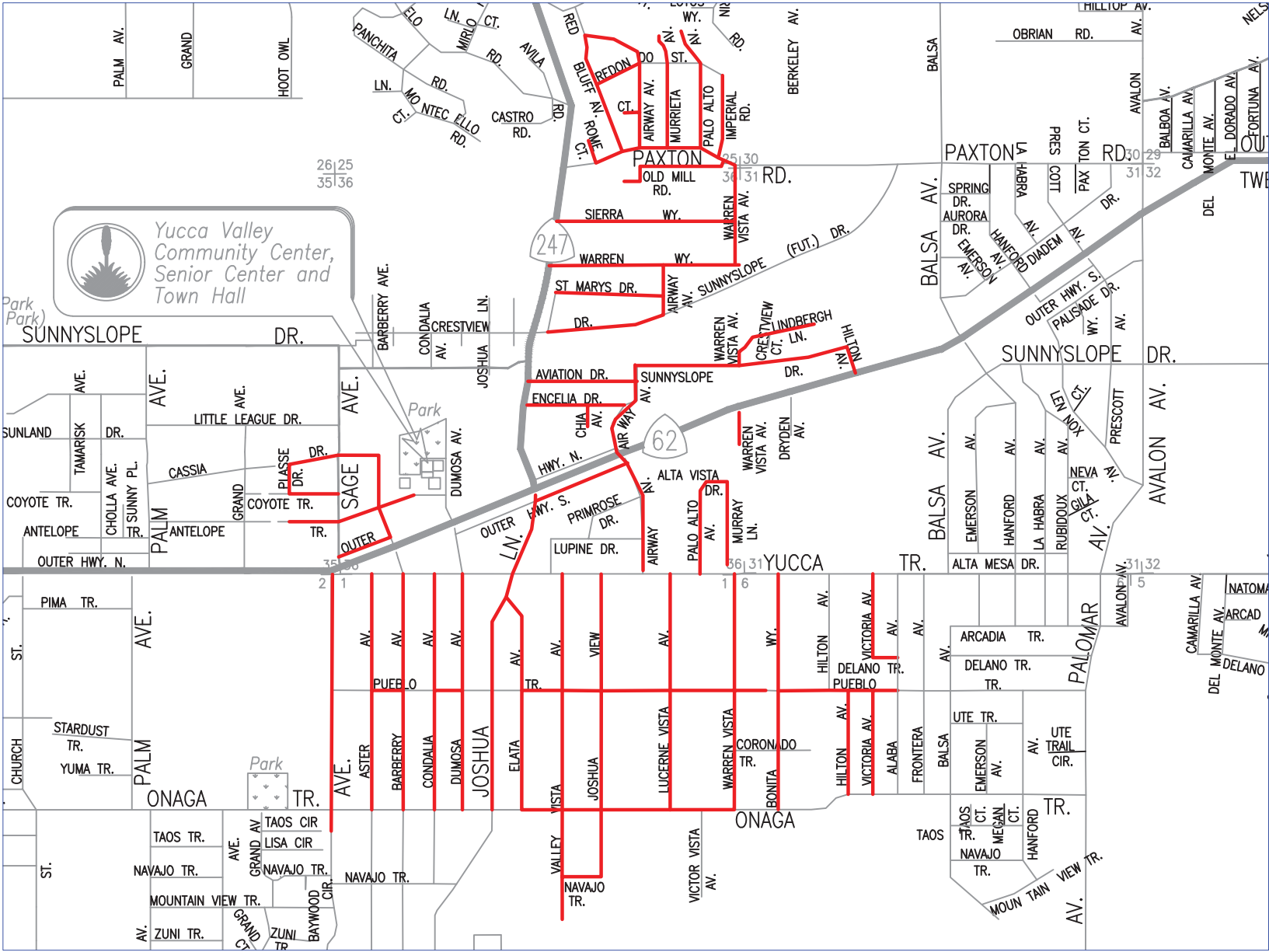
PACKAGE C CRACK SEAL	
Project #.	7037
Category	Streets & Highway
Description	Crack sealing for Project 8340 Town wide Slurry Seal FY 24/25 to FY 25/26
Limit	
Status	Ongoing
Schedule	Construction begins January 2025 and ends March 2025

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property -Acquisition			
Construction		\$449,812.00	\$1,262,162.00
Engineering/In spection		\$19,000.00	\$57,371.00
Indirect Cost Recovery		\$42,000.00	\$126,216.20
Total		\$510,812.00	\$1,445,749.20

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 517				\$16,818.00	
Fund 524				\$211,049.00	
Fund 801			\$510,812.00	\$1,217,882.20	
Total			\$510,812.00	\$1,445,749.20	

Fund Source Description in Appendix

FY 2025-26 PACKAGE C



**FY 2024-25 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
PACKAGE C - SEWER**

Streets Length 109,060 LF
Streets Area 3,271,797 SF

Gap Streets Length 2,572 LF
Gap Streets Areas 77,165 SF

ITEM	DESCRIPTION	QTY	UNITS	UNIT COST	COST
1	MOBILIZATION	1	LS	\$ 22,100.00	\$ 22,100.00
2	CRACK SEAL	390,712	LF	\$ 0.94	\$ 368,400.00
3	TRAFFIC CONTROL	1	LS	\$ 18,420.00	\$ 18,420.00
SUBTOTAL ESTIMATED COST =					\$ 408,920.00
CONTINGENCY				10%	\$ 40,892.00
TOTAL ESTIMATED COST =					\$ 449,812.00

SR 62 SAGE - AIRWAY	
Project #.	
Category	Streets & Highway
Description	Widen the highway from Sage Ave. to Airway Ave. and install new traffic signals - relocate SCE poles
Limit	Sage Avenue (W) to Airway Avenue (E)
Status	SBCTA Planning
Schedule	Environmental Studies estimated start on FY 24/25 to be completed on FY 25/26.

Project Cost Estimate				
PA/ED		\$503,355.00	\$503,355.00	
PS&E				\$1,010,000.00
ROW/Property- Acquisition				\$272,000.00
Construction				
Engineering/Inspection				
Indirect Cost Recovery				
Total		\$503,355.00	\$503,355.00	\$1,282,000.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 520			\$478,187.25	\$478,187.25	\$1,217,900.00
Fund 801			\$25,167.75	\$25,167.75	\$64,100.00
Total			\$503,355.00	\$503,355.00	\$1,282,000.00



SR 62 SAGE – AIRWAY WIDENING

**TWENTYNINE PALMS HIGHWAY (SR 62) IMPROVEMENTS
FROM SAGE AVENUE TO AIRWAY AVENUE**

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1	Mobilization	1	LS	\$1,081,000	\$ 1,081,000
1	Curb and Gutter	8,000	LF	\$ 20	\$ 160,000
2	Sidewalk	48,000	SF	\$ 10	\$ 480,000
3	Signal Modification	4	EA	\$ 500,000	\$ 2,000,000
4	Retaining Walls	2,500	LF	\$ 50	\$ 125,000
5	A.C. Pavement	416,000	SF	\$ 13	\$ 5,200,000
6	SCE pole relocation	20	EA	\$ 250,000	\$ 5,000,000
7	R/W Acquisition	54,400	LF	\$ 10	\$ 544,000
CONSTRUCTION TOTAL					\$ 14,590,000

PRELIM. CONSTRUCTION ESTIMATE (NO PLANS)	20%	\$ 17,508,000
CONTINGENCY	15%	\$ 2,626,200
CONSTRUCTION SUB-TOTAL ESTIMATED		\$ 20,134,200

CONSTRUCTION ADMINISTRATION

GEOTECHNICAL	3%	\$ 526,000
SURVEYING	5%	\$ 876,000
INSPECTION	2%	\$ 351,000
CONSTRUCTION ADMINISTRATION TOTAL		\$ 1,753,000

TOTAL CONSTRUCTION ESTIMATE	\$ 21,887,200
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PRELIMINARY ESTIMATED PROJECT COST				
ENVIRONMENTAL		5%		\$ 1,006,710
PSE -DESIGN		10%		\$ 2,020,000
ROW ADQUISITION	54400 SF		\$ 10.00	\$ 544,000
CONSTRUCTION TOTAL ESTIMATED				\$ 21,887,200
PRELIMINARY ESTIMATED PROJECT COST				\$ 25,457,910

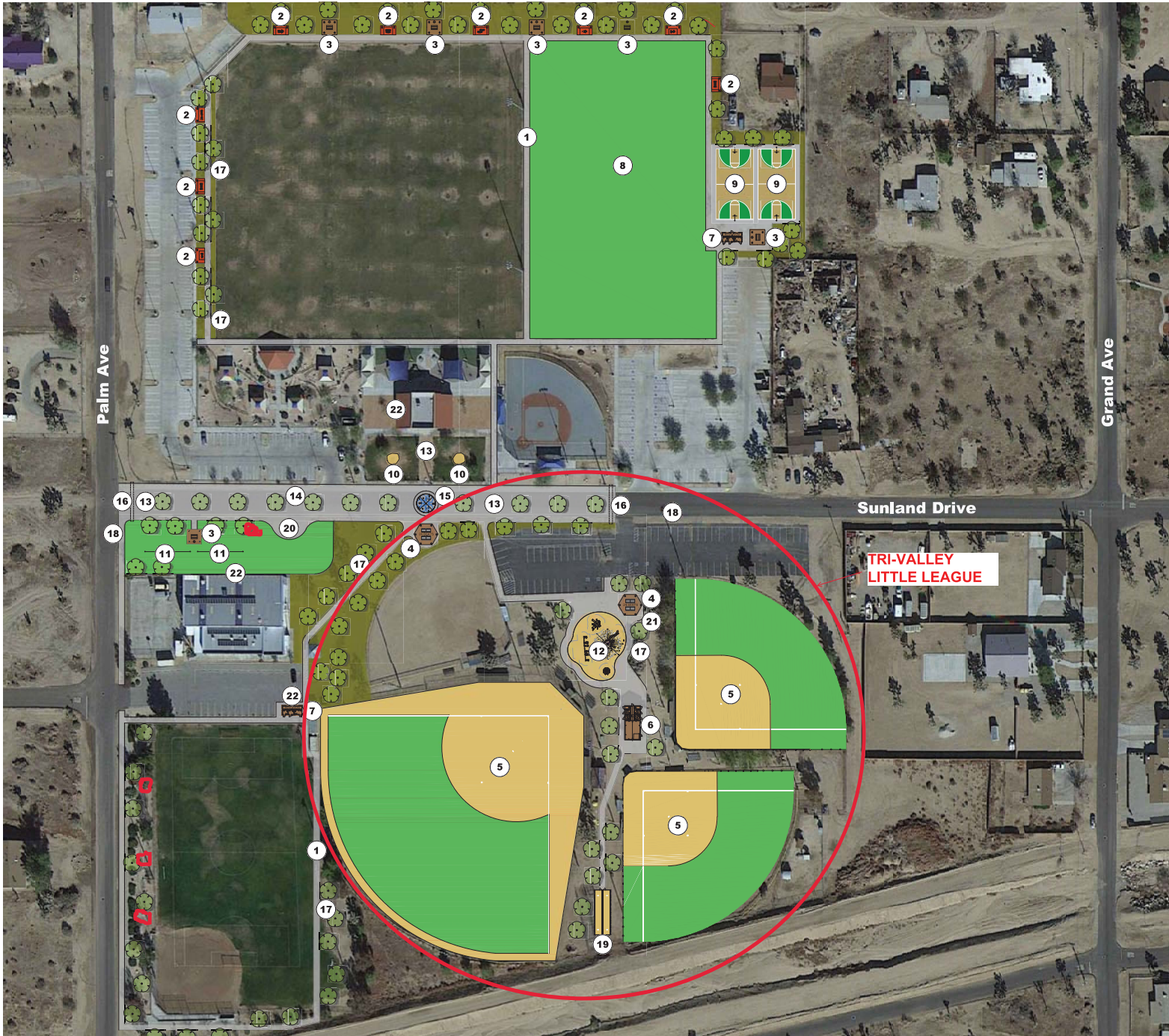
PARKS & RECREATION FACILITIES

TRI-VALLEY LITTLE LEAGUE	
Project #.	N/A
Category	Parks and Recreation Facilities
Description	Maintenance of irrigation, landscaping and facility repairs for existing fields.
Limit	
Status	Conceptual Design
Schedule	Construction, FY 2022-23 to FY 2026-27

Project Cost Estimate					
PA/ED					
PS&E					
ROW/Property-Acquisition					
Construction	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Engineering/Inspection					
Indirect Cost Recovery					
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 560	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source Description in Appendix



LANDSCAPE NOTE

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NEW LIGHTING WILL BE PROVIDED THROUGHOUT THE PARK

MAJOR SUPPORT AMENITIES

- 1 CONSTRUCT A NEW MULTI-USER PATH/TRAIL/SIDEWALK
- 2 CONSTRUCT (9) NEW EXERCISE STATIONS WITH SHADE
- 3 CONSTRUCT (6) NEW PICNIC AREAS WITH SHADE
- 4 CONSTRUCT (2) NEW GROUP PICNIC AREAS WITH SHADE
- 5 RENOVATE (3) EXISTING BASEBALL FIELDS
- 6 CONSTRUCT A NEW RESTROOM BUILDING AND SNACK BAR
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- 15 CONSTRUCT A NEW SPLASH PAD

MINOR SUPPORT AMENITIES

- 16 CONSTRUCT (2) NEW ENTRYWAY SIGNS
- 17 INSTALL NEW PARK BENCHES THROUGHOUT THE PARK
- 18 CONSTRUCT (2) NEW BUS STOPS
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- 20 CONSTRUCT A NEW STAGE
- 21 NEW JOSHUA TREE EDUCATION SITE
- 22 INSTALL (3) NEW MURALS

LEGEND

- CONCRETE PAVING
- ACCENT PAVING
- LOW WATER USE LANDSCAPE
- TURF
- NEW TREES

SECTION IV

FISCAL YEAR 2025/2026
PROJECT DESCRIPTIONS

STREETS & HIGHWAYS

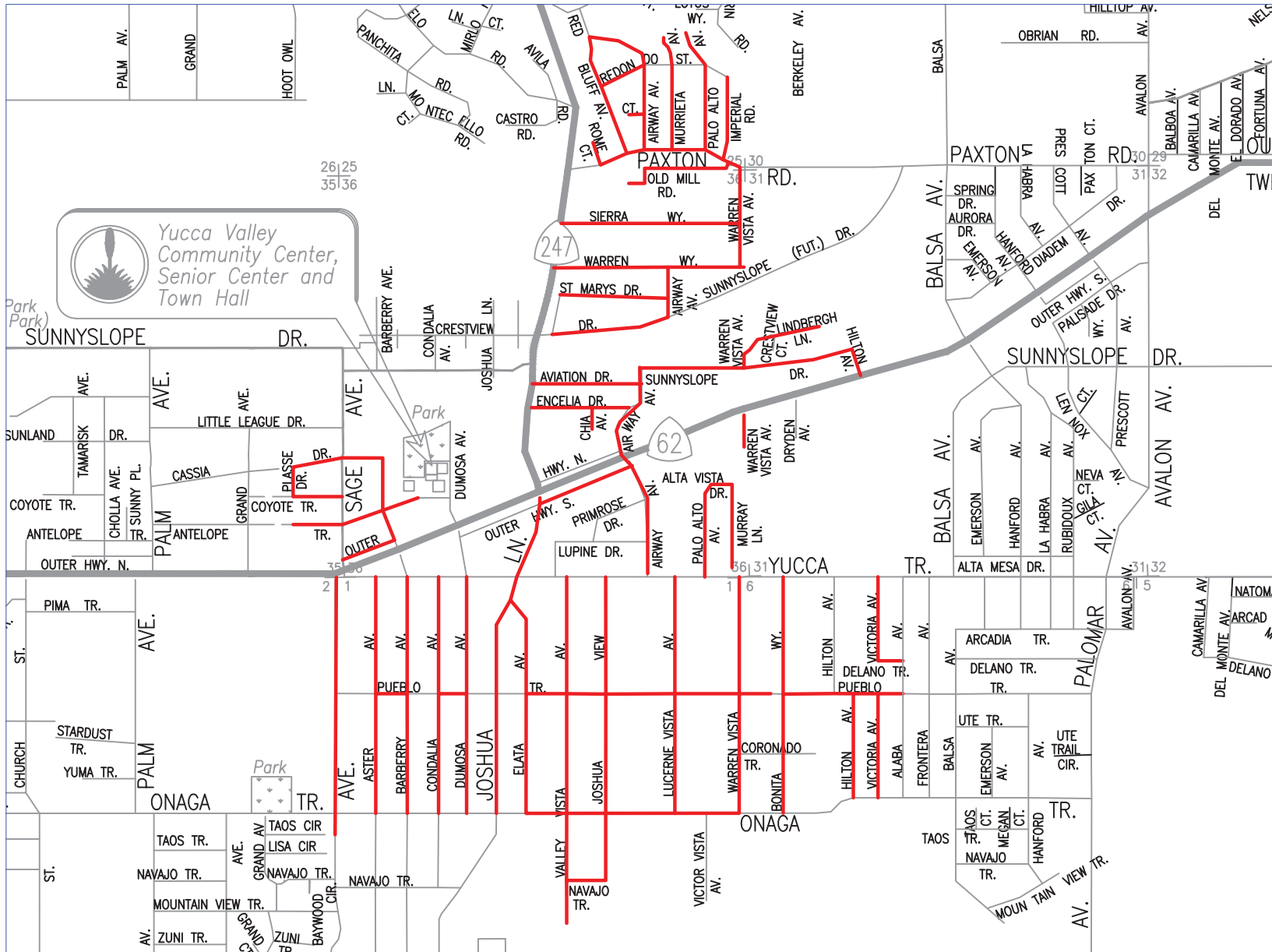
PACKAGE C CRACK SEAL	
Project #.	7037
Category	Streets & Highway
Description	Crack sealing for Project 8340 Town wide Slurry Seal FY 24/25 to FY 25/26
Limit	
Status	Ongoing
Schedule	Construction begins January 2025 and ends March 2025

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property -Acquisition			
Construction	\$449,812.00	\$1,262,162.00	
Engineering/In spection	\$19,000.00	\$57,371.00	
Indirect Cost Recovery	\$42,000.00	\$126,216.20	
Total	\$510,812.00	\$1,445,749.20	

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 517				\$16,818.00	
Fund 524				\$211,049.00	
Fund 801			\$510,812.00	\$1,217,882.20	
Total			\$510,812.00	\$1,445,749.20	

Fund Source Description in Appendix

FY 2025-26 PACKAGE C



SR 62 SAGE - AIRWAY	
Project #.	
Category	Streets & Highway
Description	Widen the highway from Sage Ave. to Airway Ave. and install new traffic signals - relocate SCE poles
Limit	Sage Avenue (W) to Airway Avenue (E)
Status	SBCTA Planning
Schedule	Environmental Studies estimated start on FY 24/25 to be completed on FY 25/26.

Project Cost Estimate			
PA/ED		\$503,355.00	\$503,355.00
PS&E			\$1,010,000.00
ROW/Property-Acquisition			\$272,000.00
Construction			
Engineering/Inspection			
Indirect Cost Recovery			
Total		\$503,355.00	\$503,355.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 520			\$478,187.25	\$478,187.25	\$1,217,900.00
Fund 801			\$25,167.75	\$25,167.75	\$64,100.00
Total			\$503,355.00	\$503,355.00	\$1,282,000.00



SR 62 SAGE – AIRWAY WIDENING

**TWENTYNINE PALMS HIGHWAY (SR 62) IMPROVEMENTS
FROM SAGE AVENUE TO AIRWAY AVENUE**

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1	Mobilization	1	LS	\$1,081,000	\$ 1,081,000
1	Curb and Gutter	8,000	LF	\$ 20	\$ 160,000
2	Sidewalk	48,000	SF	\$ 10	\$ 480,000
3	Signal Modification	4	EA	\$ 500,000	\$ 2,000,000
4	Retaining Walls	2,500	LF	\$ 50	\$ 125,000
5	A.C. Pavement	416,000	SF	\$ 13	\$ 5,200,000
6	SCE pole relocation	20	EA	\$ 250,000	\$ 5,000,000
7	R/W Acquisition	54,400	LF	\$ 10	\$ 544,000
CONSTRUCTION TOTAL					\$ 14,590,000

PRELIM. CONSTRUCTION ESTIMATE (NO PLANS)	20%	\$ 17,508,000
CONTINGENCY	15%	\$ 2,626,200
CONSTRUCTION SUB-TOTAL ESTIMATED		\$ 20,134,200

CONSTRUCTION ADMINISTRATION

GEOTECHNICAL	3%	\$ 526,000
SURVEYING	5%	\$ 876,000
INSPECTION	2%	\$ 351,000
CONSTRUCTION ADMINISTRATION TOTAL		\$ 1,753,000

TOTAL CONSTRUCTION ESTIMATE		\$ 21,887,200
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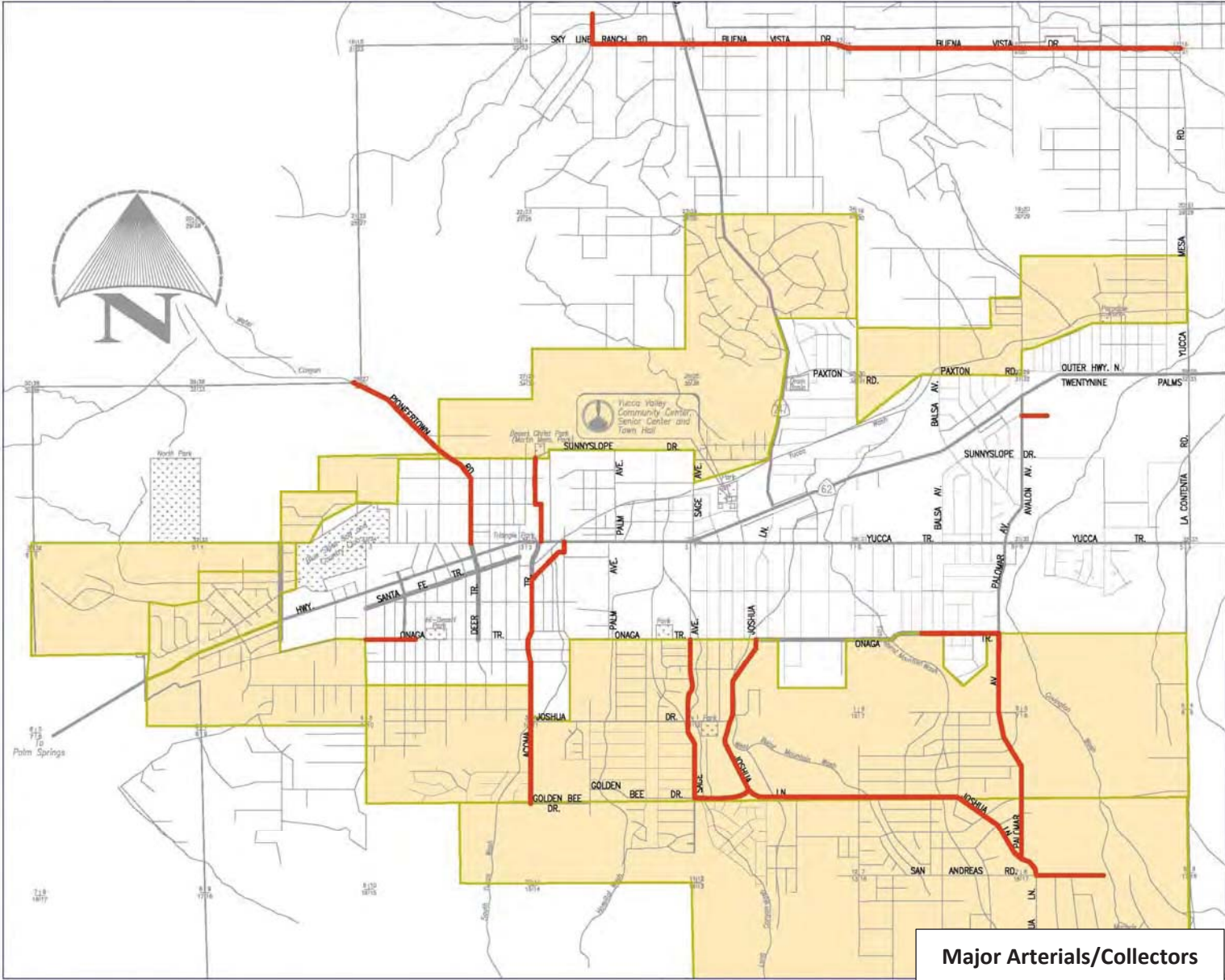
PRELIMINARY ESTIMATED PROJECT COST				
ENVIRONMENTAL		5%		\$ 1,006,710
PSE -DESIGN		10%		\$ 2,020,000
ROW ADQUISITION	54400 SF		\$ 10.00	\$ 544,000
CONSTRUCTION TOTAL ESTIMATED				\$ 21,887,200
PRELIMINARY ESTIMATED PROJECT COST				\$ 25,457,910

MAJOR ARTERIAL AND COLLECTORS CRACK SEAL	
Project #.	
Category	Streets & Highways
Description	Crack sealing for Project 8340 Town wide Slurry Seal FY 25/26
Limit	Town-wide
Status	Design Phase Complete
Schedule	Construction begins August 2025 and ends in October 2025

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction		\$286,693.00	\$763,400.00
Engineering/Inspection		\$13,031.50	\$38,170.00
Indirect Cost Recovery		\$28,669.30	\$83,974.00
Total		\$328,393.80	\$885,544.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
FUND 517				\$295,200.00	\$319,818.00
FUND 524					\$221,068.00
FUND 801					\$344,658.00
Total				\$295,200.00	\$885,544.00

Fund Source Description in Appendix



**FY 2025-26 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
MAJOR ATERIAL AND COLLETCORS**

Streets Length 71,148 LF
Streets Area 2,491,710 SF

ITEM	DESCRIPTION	QTY	UNITS	UNIT COST	COST
1	MOBILIZATION	1	LS	\$ 14,090.00	\$ 14,090.00
2	SLURRY SEAL	249,018	LF	\$ 0.94	\$ 234,800.00
3	TRAFFIC CONTROL	1	LS	\$ 11,740.00	\$ 11,740.00
SUBTOTAL ESTIMATED COST =					\$ 260,630.00
CONTINGENCY 10%					\$ 26,063.00
TOTAL ESTIMATED COST =					\$ 286,693.00

PARKS & RECREATION FACILITIES

TRI-VALLEY LITTLE LEAGUE	
Project #.	N/A
Category	Parks and Recreation Facilities
Description	Maintenance of irrigation, landscaping and facility repairs for existing fields.
Limit	
Status	Conceptual Design
Schedule	Construction, FY 2022-23 to FY 2026-27

Project Cost Estimate					
PA/ED					
PS&E					
ROW/Property-Acquisition					
Construction	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Engineering/Inspection					
Indirect Cost Recovery					
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 560	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

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- 14 CONSTRUCT A NEW PROMENADE/EVENT PLAZA/STAGE
- 15 CONSTRUCT A NEW SPLASH PAD

MINOR SUPPORT AMENITIES

- 16 CONSTRUCT (2) NEW ENTRYWAY SIGNS
- 17 INSTALL NEW PARK BENCHES THROUGHOUT THE PARK
- 18 CONSTRUCT (2) NEW BUS STOPS
- 19 CONSTRUCT A NEW BATTING CAGE/BULPEN
- 20 CONSTRUCT A NEW STAGE
- 21 NEW JOSHUA TREE EDUCATION SITE
- 22 INSTALL (3) NEW MURALS

LEGEND

- CONCRETE PAVING
- ACCENT PAVING
- LOW WATER USE LANDSCAPE
- TURF
- NEW TREES

SECTION V

FISCAL YEAR 2026/2027 PROJECT DESCRIPTIONS

STREETS & HIGHWAY

MAJOR ARTERIAL AND COLLECTORS CRACK SEAL	
Project #.	
Category	Streets & Highways
Description	Crack sealing for Project 8340 Town wide Slurry Seal FY 25/26
Limit	Town-wide
Status	Design Phase Complete
Schedule	Construction begins August 2025 and ends in October 2025

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction		\$286,693.00	\$763,400.00
Engineering/Inspection		\$13,031.50	\$38,170.00
Indirect Cost Recovery		\$28,669.30	\$83,974.00
Total		\$328,393.80	\$885,544.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
FUND 517				\$295,200.00	\$319,818.00
FUND 524					\$221,068.00
FUND 801					\$344,658.00
Total				\$295,200.00	\$885,544.00

Fund Source Description in Appendix

**FY 2025-26 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
MAJOR ATERIAL AND COLLETCORS**

Streets Length 71,148 LF
Streets Area 2,491,710 SF

ITEM	DESCRIPTION	QTY	UNITS	UNIT COST	COST
1	MOBILIZATION	1	LS	\$ 14,090.00	\$ 14,090.00
2	SLURRY SEAL	249,018	LF	\$ 0.94	\$ 234,800.00
3	TRAFFIC CONTROL	1	LS	\$ 11,740.00	\$ 11,740.00
SUBTOTAL ESTIMATED COST =					\$ 260,630.00
CONTINGENCY 10%					\$ 26,063.00
TOTAL ESTIMATED COST =					\$ 286,693.00

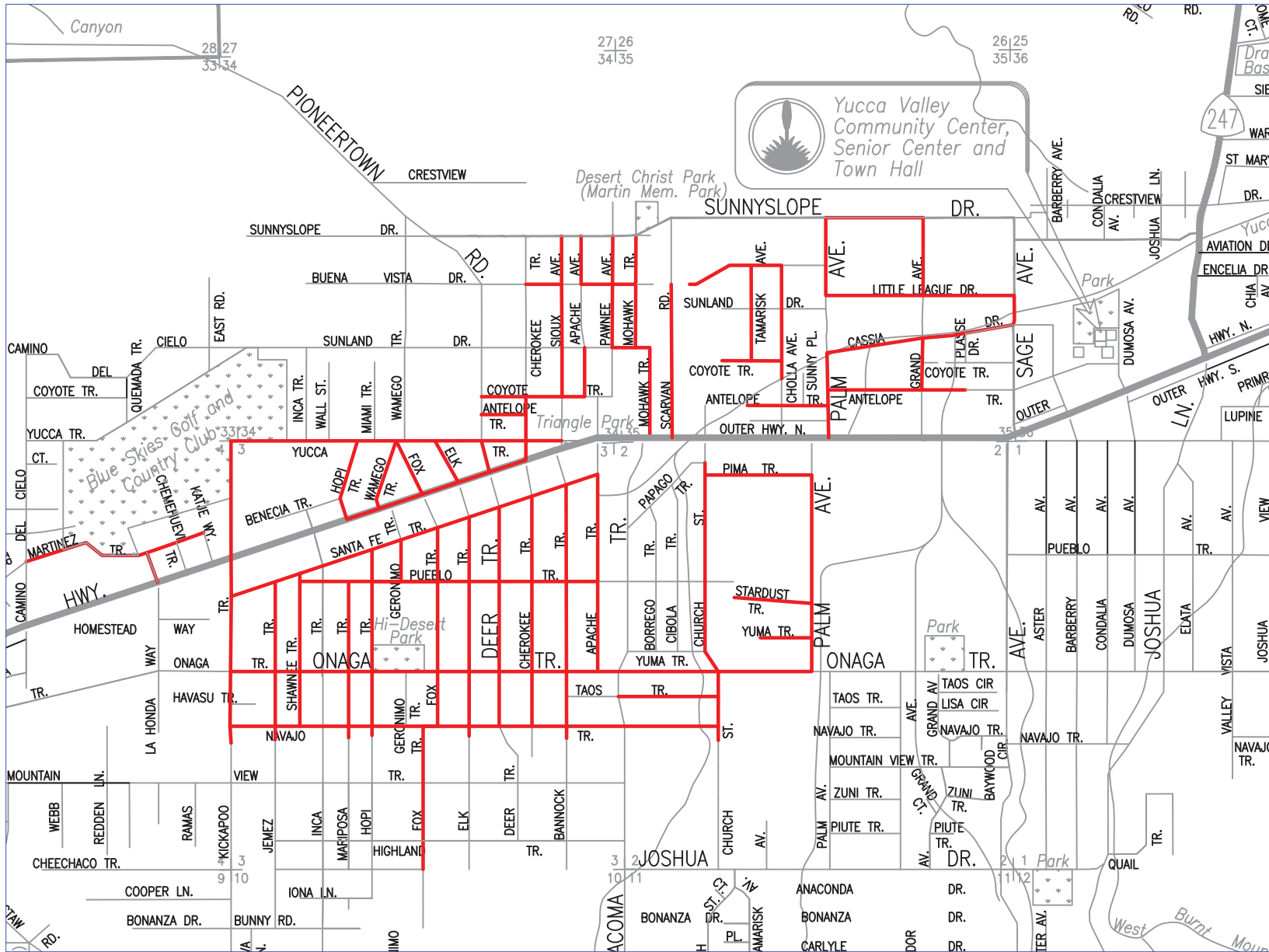
PACKAGE D CRACK SEAL	
Project #.	7037
Category	Streets & Highway
Description	Crack sealing for Project 8340 Town wide Slurry Seal FY 22/23
Limit	
Status	Design Phase Complete
Schedule	Construction begins January 2023 and ends March 2023

Project Cost Estimate		
PA/ED		
PS&E		
ROW/Property-Acquisition		
Construction	\$243,958.00	\$595,001.00
Engineering/Inspection	\$10,000.00	\$22,000.00
Indirect Cost Recovery	\$16,300.00	\$51,000.00
Total	\$270,258.00	\$668,001.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 517	\$270,258.00				
Fund 801					\$668,001.00
Total	\$270,258.00				\$668,001.00

Fund Source Description in Appendix

PACKAGE D



**FY 2026-27 TOWN-WIDE CRACK SEAL ANNUAL MAINTENANCE PROGRAM
PACKAGE D - SEWER**

Streets Length 126,620 LF
Streets Area 3,798,603 SF

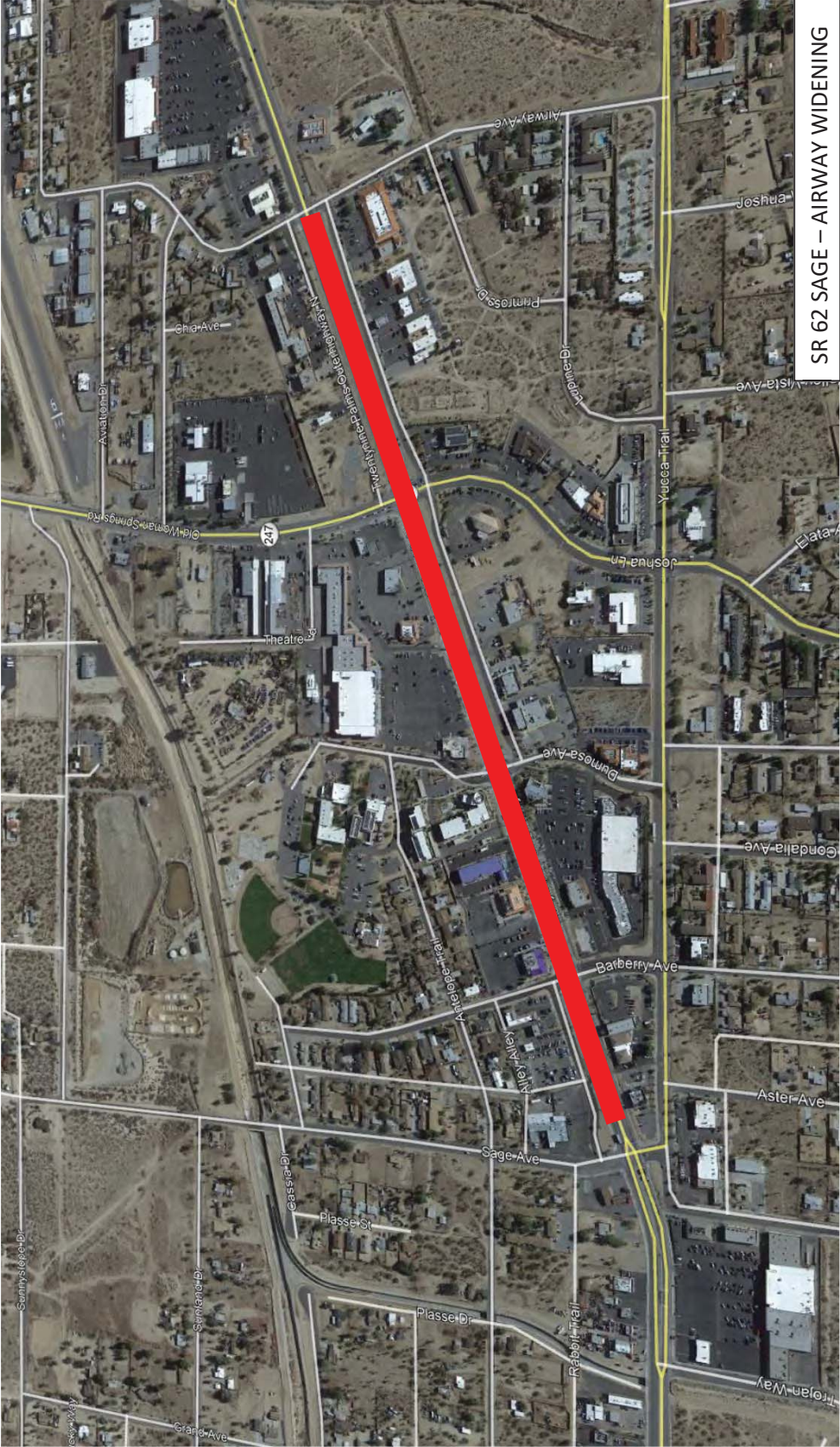
Gap Streets Length 21,036 LF
Gap Streets Areas 631,090 SF

ITEM	DESCRIPTION	QTY	UNITS	UNIT COST	COST
1	MOBILIZATION	1	LS	\$ 29,240.00	\$ 29,240.00
2	CRACK SEAL	516,798	LF	\$ 0.94	\$ 487,300.00
3	TRAFFIC CONTROL	1	LS	\$ 24,370.00	\$ 24,370.00
SUBTOTAL ESTIMATED COST =					\$ 540,910.00
CONTINGENCY				10%	\$ 54,091.00
TOTAL ESTIMATED COST =					\$ 595,001.00

SR 62 SAGE - AIRWAY	
Project #.	
Category	Streets & Highway
Description	Widen the highway from Sage Ave. to Airway Ave. and install new traffic signals - relocate SCE poles
Limit	Sage Avenue (W) to Airway Avenue (E)
Status	SBCTA Planning
Schedule	Environmental Studies estimated start on FY 24/25 to be completed on FY 25/26.

Project Cost Estimate			
PA/ED		\$503,355.00	\$503,355.00
PS&E			\$1,010,000.00
ROW/Property-Acquisition			\$272,000.00
Construction			
Engineering/Inspection			
Indirect Cost Recovery			
Total		\$503,355.00	\$503,355.00

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 520			\$478,187.25	\$478,187.25	\$1,217,900.00
Fund 801			\$25,167.75	\$25,167.75	\$64,100.00
Total			\$503,355.00	\$503,355.00	\$1,282,000.00



SR 62 SAGE - AIRWAY WIDENING

**TWENTYNINE PALMS HIGHWAY (SR 62) IMPROVEMENTS
FROM SAGE AVENUE TO AIRWAY AVENUE**

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1	Mobilization	1	LS	\$1,081,000	\$ 1,081,000
1	Curb and Gutter	8,000	LF	\$ 20	\$ 160,000
2	Sidewalk	48,000	SF	\$ 10	\$ 480,000
3	Signal Modification	4	EA	\$ 500,000	\$ 2,000,000
4	Retaining Walls	2,500	LF	\$ 50	\$ 125,000
5	A.C. Pavement	416,000	SF	\$ 13	\$ 5,200,000
6	SCE pole relocation	20	EA	\$ 250,000	\$ 5,000,000
7	R/W Acquisition	54,400	LF	\$ 10	\$ 544,000
CONSTRUCTION TOTAL					\$ 14,590,000

PRELIM. CONSTRUCTION ESTIMATE (NO PLANS)	20%	\$ 17,508,000
CONTINGENCY	15%	\$ 2,626,200
CONSTRUCTION SUB-TOTAL ESTIMATED		\$ 20,134,200

CONSTRUCTION ADMINISTRATION

GEOTECHNICAL	3%	\$ 526,000
SURVEYING	5%	\$ 876,000
INSPECTION	2%	\$ 351,000
CONSTRUCTION ADMINISTRATION TOTAL		\$ 1,753,000

TOTAL CONSTRUCTION ESTIMATE	\$ 21,887,200
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PRELIMINARY ESTIMATED PROJECT COST				
ENVIRONMENTAL		5%		\$ 1,006,710
PSE -DESIGN		10%		\$ 2,020,000
ROW ADQUISITION	54400 SF		\$ 10.00	\$ 544,000
CONSTRUCTION TOTAL ESTIMATED				\$ 21,887,200
PRELIMINARY ESTIMATED PROJECT COST				\$ 25,457,910

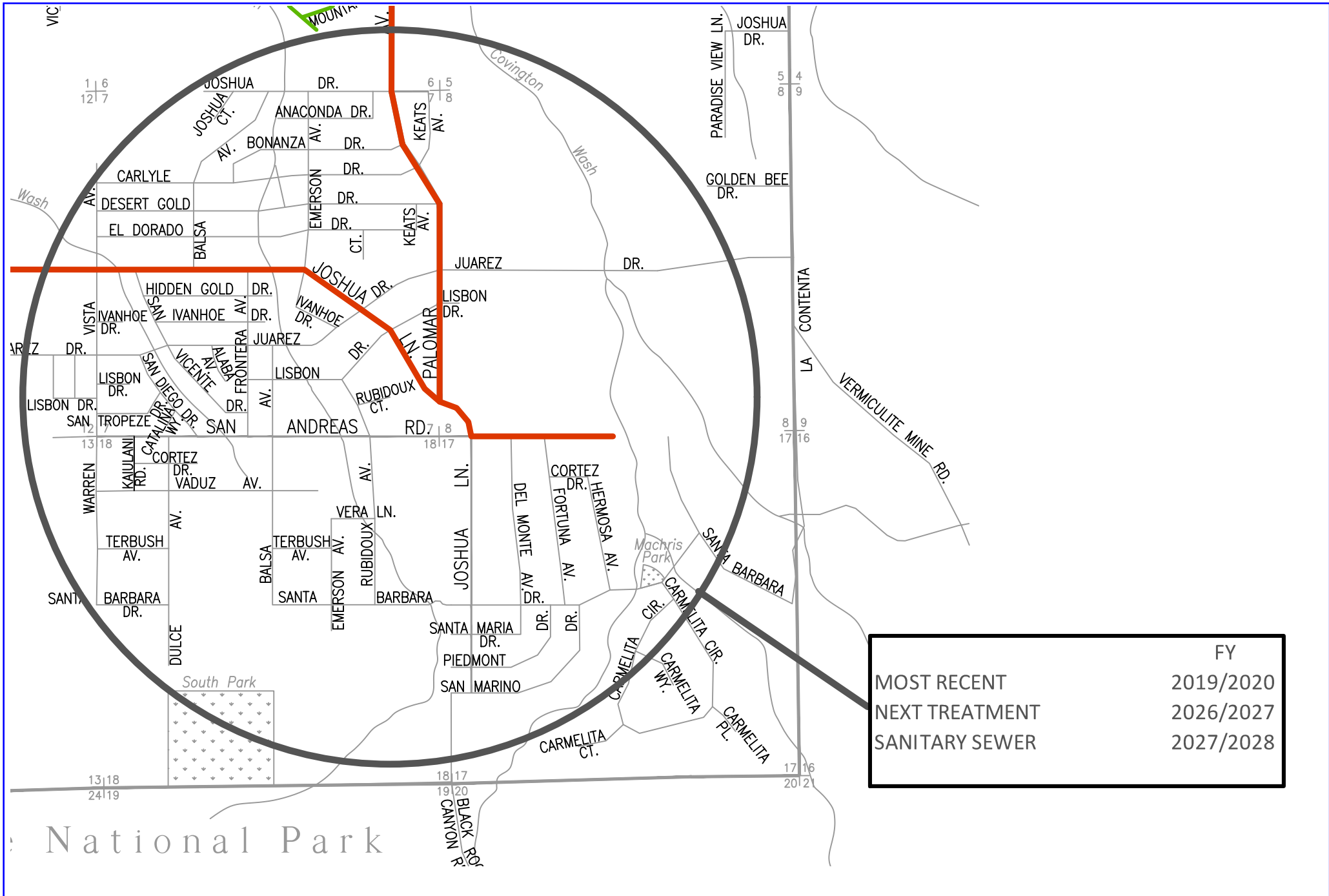
RESIDENTIAL CRACK SEAL	
Project #.	
Category	Streets & Highway
Description	Crack sealing
Limit	Town-wide
Status	
Schedule	Construction FY 21/22 to FY 23/24

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction	\$176,027.77	\$137,952.73	\$186,802.07
Engineering/Inspection	\$8,001.26	\$6,270.58	\$9,340.10
Indirect Cost Recovery	\$17,602.78	\$13,795.27	\$20,548.23
Total	\$201,631.81	\$158,018.58	\$216,690.41

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 801	\$201,631.81	\$158,018.58			\$216,690.41
Total	\$201,631.81	\$158,018.58			\$216,690.41

Fund Source Description in Appendix

FY 2026-2027 TOWN-WIDE CRACK SEAL RESIDENTIAL/LOCAL ROADS



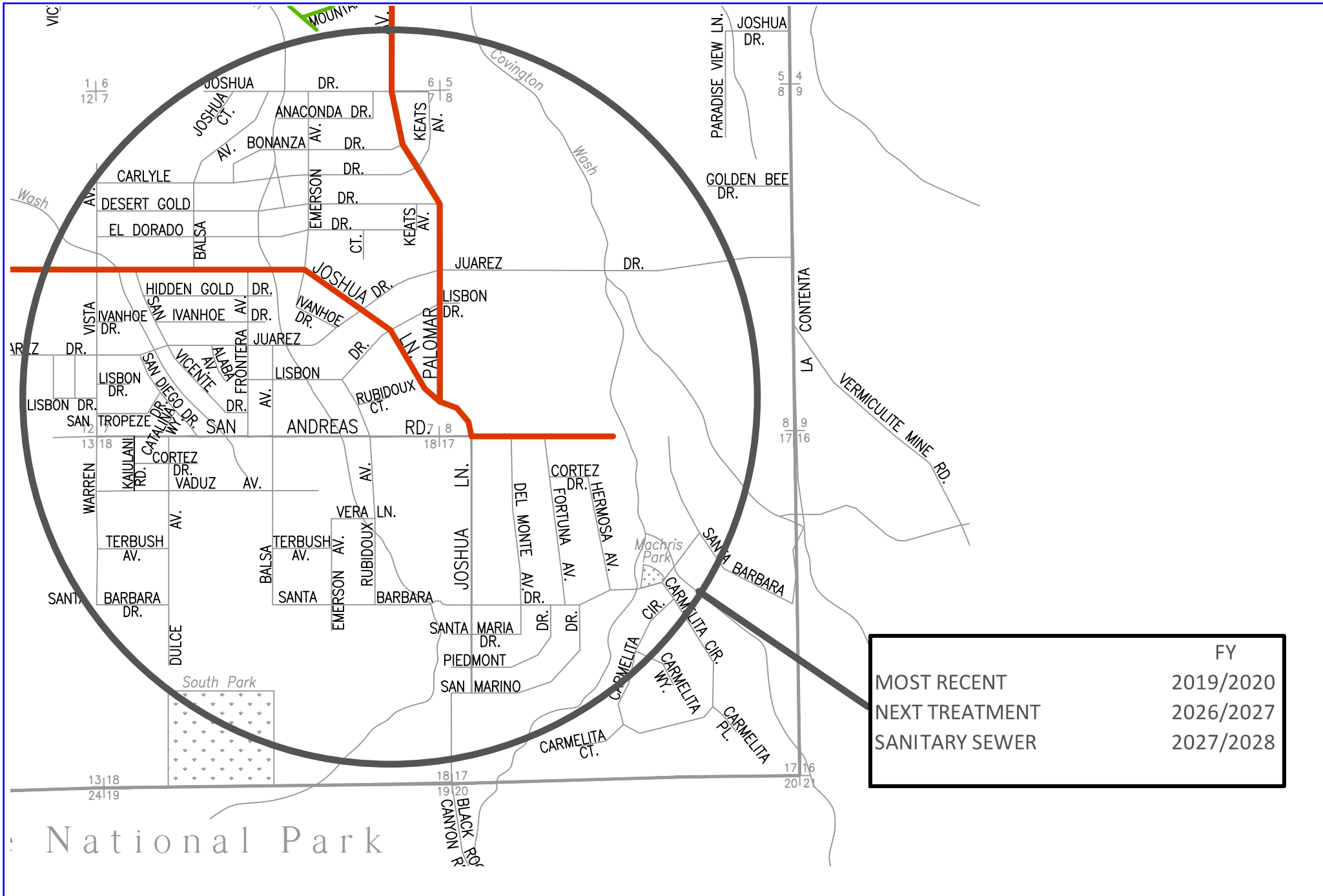
RESIDENTIAL SLURRY SEAL	
Project #.	
Category	Streets & Highway
Description	Installation of slurry seal/cape seal
Limit	Town-wide
Status	
Schedule	Construction FY 21/22 to FY 23/24

Project Cost Estimate			
PA/ED			
PS&E			
ROW/Property-Acquisition			
Construction	\$1,054,718.45	\$904,938.24	\$1,119,275.65
Engineering/Inspection	\$47,941.75	\$41,133.56	\$55,963.78
Indirect Cost Recovery	\$105,471.84	\$90,493.82	\$123,120.32
Total	\$1,208,132.04	\$1,036,565.61	\$1,298,359.76

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 801	\$1,208,132.04	\$1,036,565.61			\$1,298,359.76
Total	\$1,208,132.04	\$1,036,565.61			\$1,298,359.76

Fund Source Description in Appendix

FY 2026-2027 TOWN-WIDE SLURRY SEAL RESIDENTIAL/LOCAL ROADS



PARKS & RECREATION FACILITIES

TRI-VALLEY LITTLE LEAGUE	
Project #.	N/A
Category	Parks and Recreation Facilities
Description	Maintenance of irrigation, landscaping and facility repairs for existing fields.
Limit	
Status	Conceptual Design
Schedule	Construction, FY 2022-23 to FY 2026-27

Project Cost Estimate					
PA/ED					
PS&E					
ROW/Property-Acquisition					
Construction	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Engineering/Inspection					
Indirect Cost Recovery					
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27
Fund 560	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33
Total	\$129,805.20	\$132,401.30	\$135,049.33	\$137,750.32	\$140,505.33

Fund Source Description in Appendix



LANDSCAPE NOTE

ALL PLANT MATERIAL WILL CONSIST OF CALIFORNIA-FRIENDLY, LOW WATER USE PLANT MATERIAL WITH ALL PLANTS CHOSEN FROM THE LOW WATER USE CATEGORY ACCORDING TO WUCOLS. ALL LANDSCAPE AREAS WILL CONFORM TO THE CURRENT TOWN OF YUCCA VALLEY LANDSCAPE GUIDELINES.

THE IRRIGATION DESIGN WILL INCORPORATE THE LATEST IN SMART IRRIGATION TECHNOLOGIES. ALL NEW LANDSCAPE AREAS WILL INCLUDE HIGH EFFICIENCY IRRIGATION METHODS TO INCLUDE SUB-SURFACE DRIP, STREAM BUBBLERS, AND ROTARY NOZZLES. ALL POP UP STREAM BUBBLERS SHALL HAVE PC SCREENS AND BE INSTALLED ON SEPARATE VALVES. A SMART IRRIGATION CONTROLLER WITH A RAIN SHUT OFF DEVICE WILL ALSO BE INCORPORATED. BARK MULCH WILL BE USED TO RETAIN MOISTURE AND REDUCE EVAPORATION AND AN IRRIGATION SCHEDULE WILL BE PROVIDED TO PROGRAM THE CONTROLLER. THE IRRIGATION SYSTEM WILL COMPLY WITH ALL CURRENT TOWN OF YUCCA VALLEY GUIDELINES.

NEW LIGHTING WILL BE PROVIDED THROUGHOUT THE PARK

MAJOR SUPPORT AMENITIES

- 1 CONSTRUCT A NEW MULTI-USER PATH/TRAIL/SIDEWALK
- 2 CONSTRUCT (9) NEW EXERCISE STATIONS WITH SHADE
- 3 CONSTRUCT (6) NEW PICNIC AREAS WITH SHADE
- 4 CONSTRUCT (2) NEW GROUP PICNIC AREAS WITH SHADE
- 5 RENOVATE (3) EXISTING BASEBALL FIELDS
- 6 CONSTRUCT A NEW RESTROOM BUILDING AND SNACK BAR
- 7 CONSTRUCT (2) NEW RESTROOM BUILDINGS
- 8 CONSTRUCT A NEW MULTI-PURPOSE FIELD
- 9 CONSTRUCT (2) NEW BASKETBALL COURTS
- 10 CONSTRUCT (2) NEW CLIMBING FEATURES
- 11 CONSTRUCT (2) PAIRS OF NEW SLACKLINE POLES
- 12 CONSTRUCT A NEW INTERACTIVE PLAYGROUND STRUCTURE
- 13 CONSTRUCT NEW PUBLIC ART IN 3 LOCATIONS
- 14 CONSTRUCT A NEW PROMENADE/EVENT PLAZA/STAGE
- 15 CONSTRUCT A NEW SPLASH PAD

MINOR SUPPORT AMENITIES

- 16 CONSTRUCT (2) NEW ENTRYWAY SIGNS
- 17 INSTALL NEW PARK BENCHES THROUGHOUT THE PARK
- 18 CONSTRUCT (2) NEW BUS STOPS
- 19 CONSTRUCT A NEW BATTING CAGE/BULLPEN
- 20 CONSTRUCT A NEW STAGE
- 21 NEW JOSHUA TREE EDUCATION SITE
- 22 INSTALL (3) NEW MURALS

LEGEND

- CONCRETE PAVING
- ACCENT PAVING
- LOW WATER USE LANDSCAPE
- TURF
- NEW TREES



BREHM PARK SPORTS COMPLEX EXPANSION

Concept Plan



July 13, 2021

SECTION VI
UNFUNDED PROJECTS

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

UNFUNDED PROJECTS

***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
<i>SUBTOTAL CONVEYANCE FACILITIES:</i>		<i>\$97,042,000</i>	<i>\$71,663,000</i>
<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
<i>SUBTOTAL DETENTION FACILITIES:</i>			<i>\$9,950,000</i>
<i>TOTAL FACILITIES COST:</i>		<i>\$97,042,000</i>	<i>\$81,613,000</i>
10% Engineering & Design		9,704,200	8,161,300
15% Administration & Inspection		14,556,300	12,241,950
<i>GRAND TOTAL FACILITIES COST:</i>		<i>\$121,302,500</i>	<i>\$102,016,250</i>

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.*



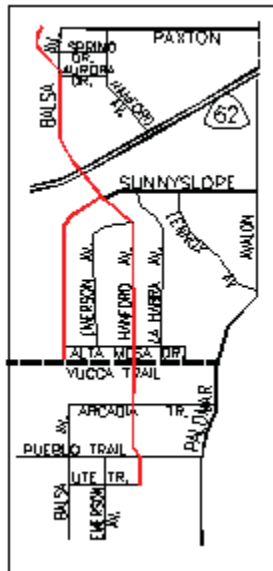
UNFUNDED PROJECTS

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.*

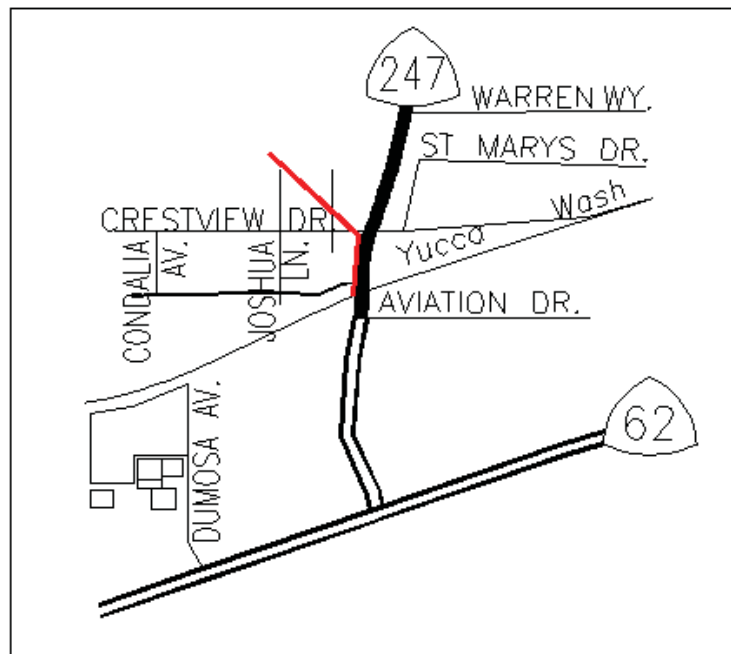


CRESTVIEW WASH

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.*

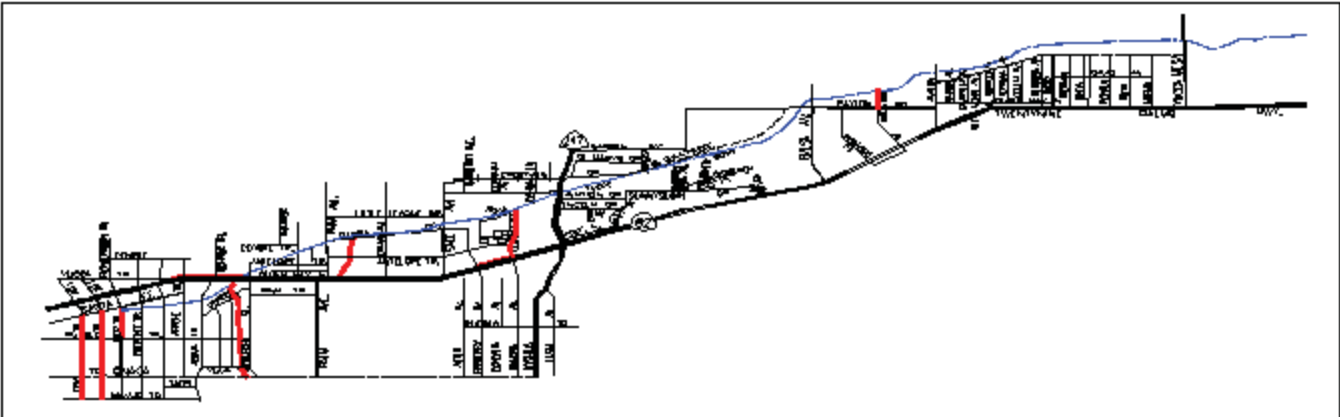


YUCCA WASH TRIBUTARIES

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

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

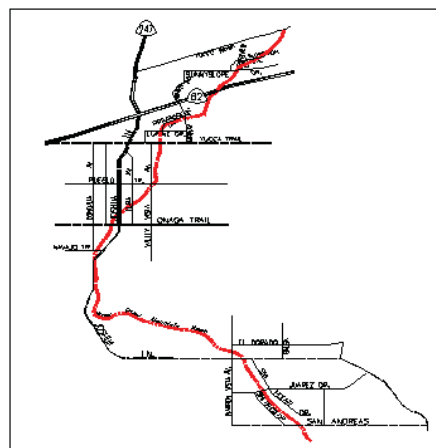


WEST BURNT MTN. WASH

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

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

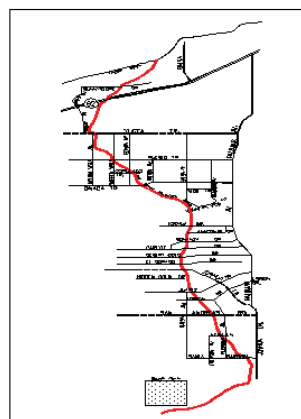


EAST BURNT MTN. WASH

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

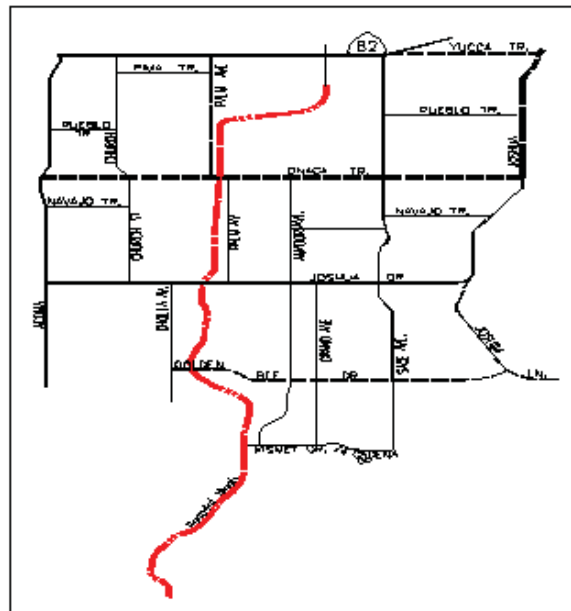
**REFERENCE: Town of Yucca Valley; Master Plan of Drainage; Dated June 1999; Prepared by John M Tetemer & Associates, Inc.*

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.*

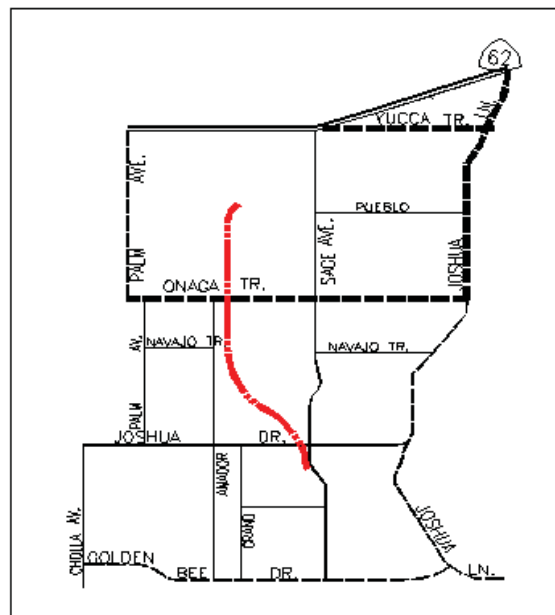


HIGH SCHOOL CHANNEL

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

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



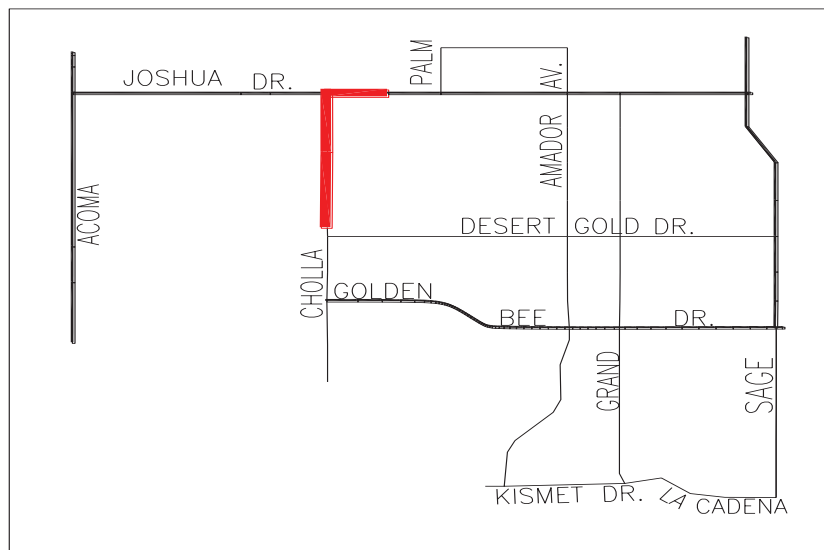
UNFUNDED PROJECTS

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.*

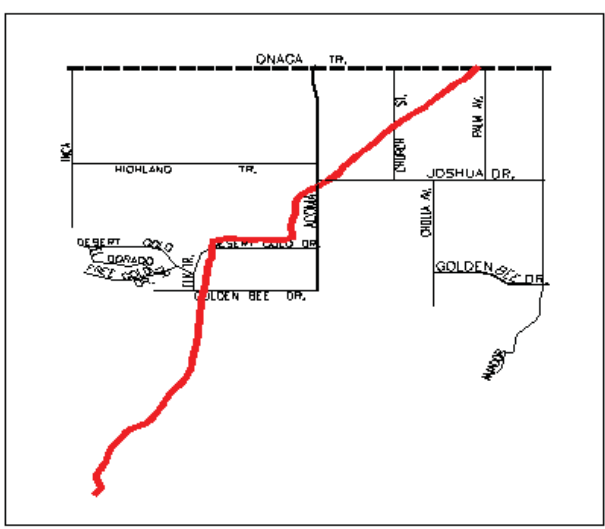


ACOMA CHANNEL

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.*



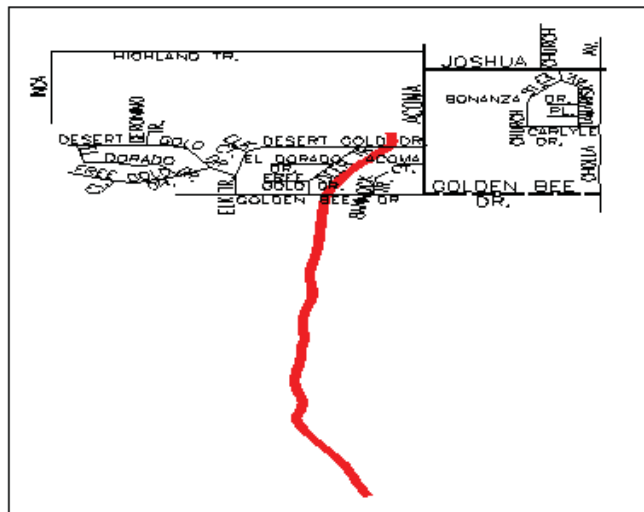
UNFUNDED PROJECTS

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.*

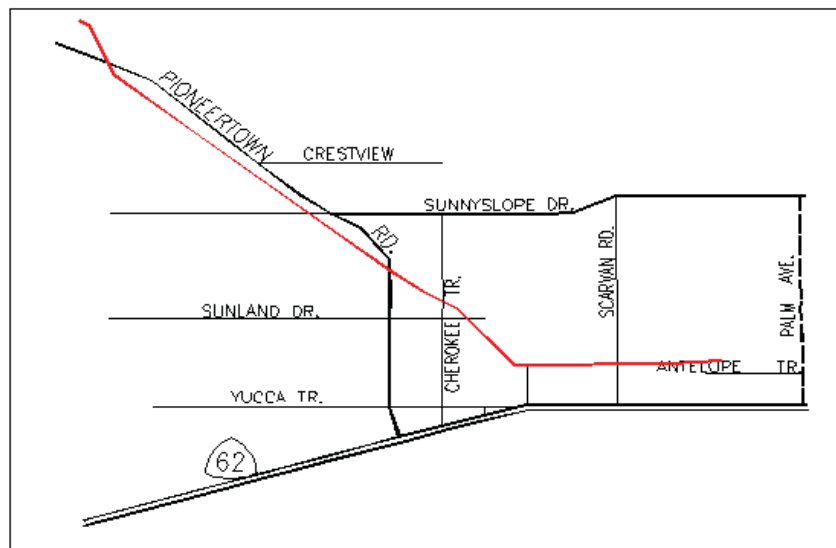


WATER CANYON CHANNEL

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

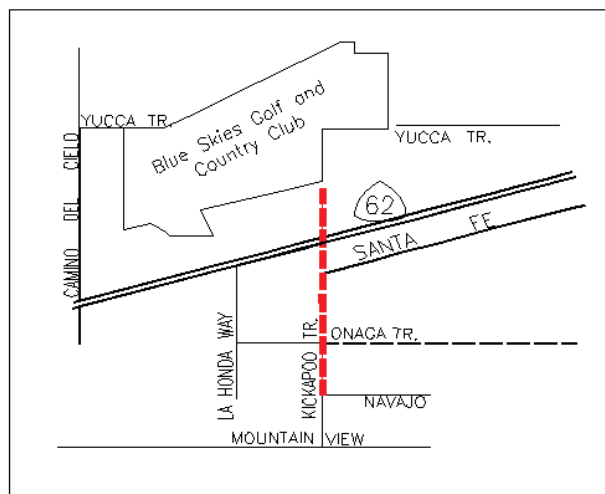


KICKAPOO DRAIN

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.*

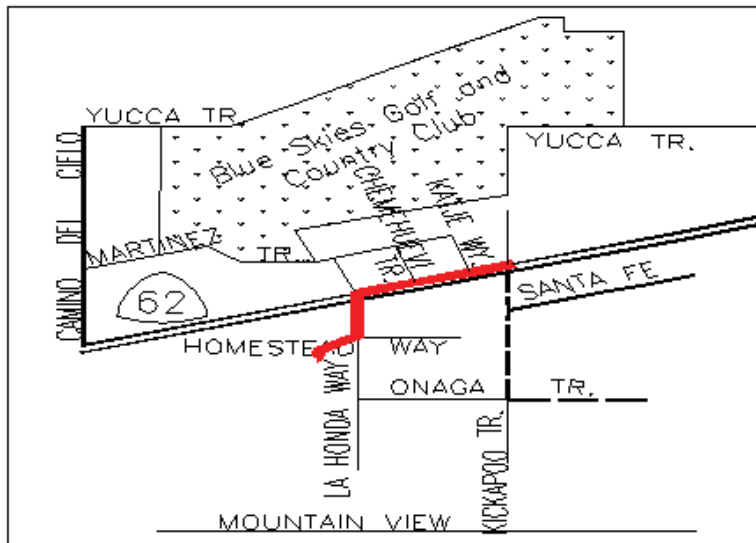


LA HONDA DRAIN

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

Project Cost Estimate*	<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.*



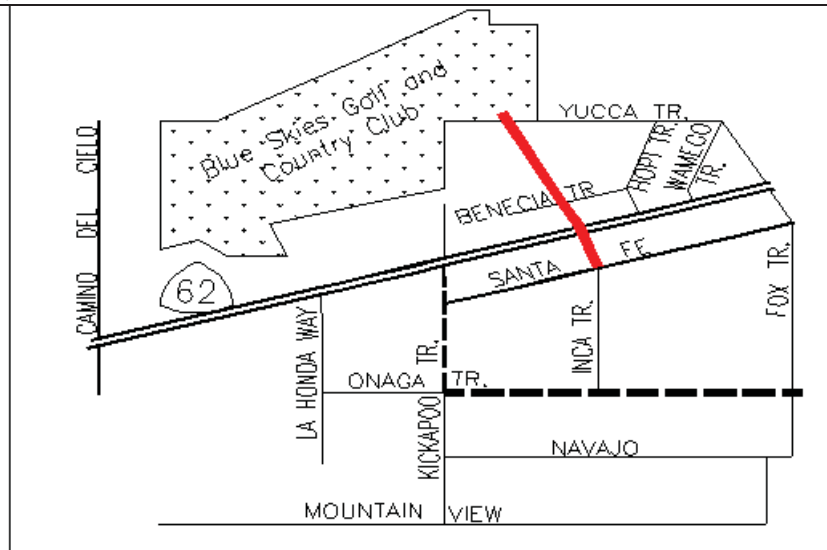
UNFUNDED PROJECTS

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.

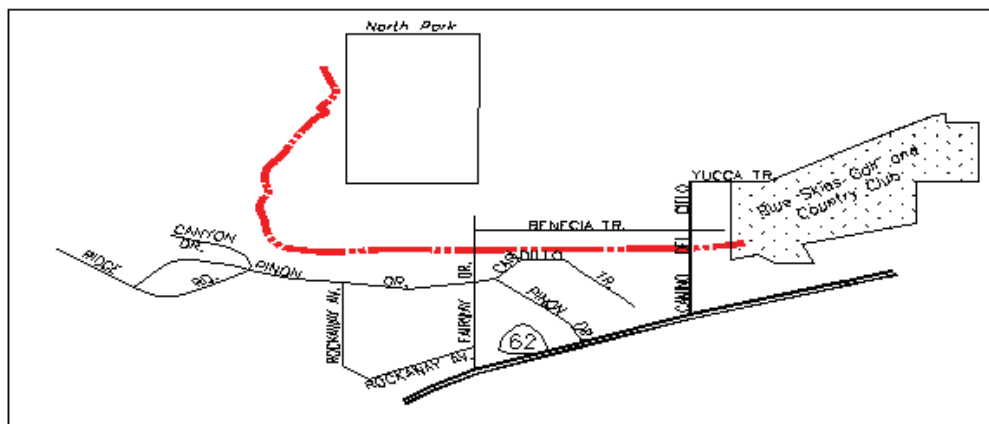


PINON CREEK

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.*

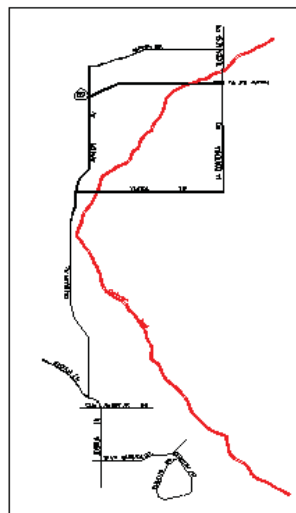


COVINGTON WASH

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.*

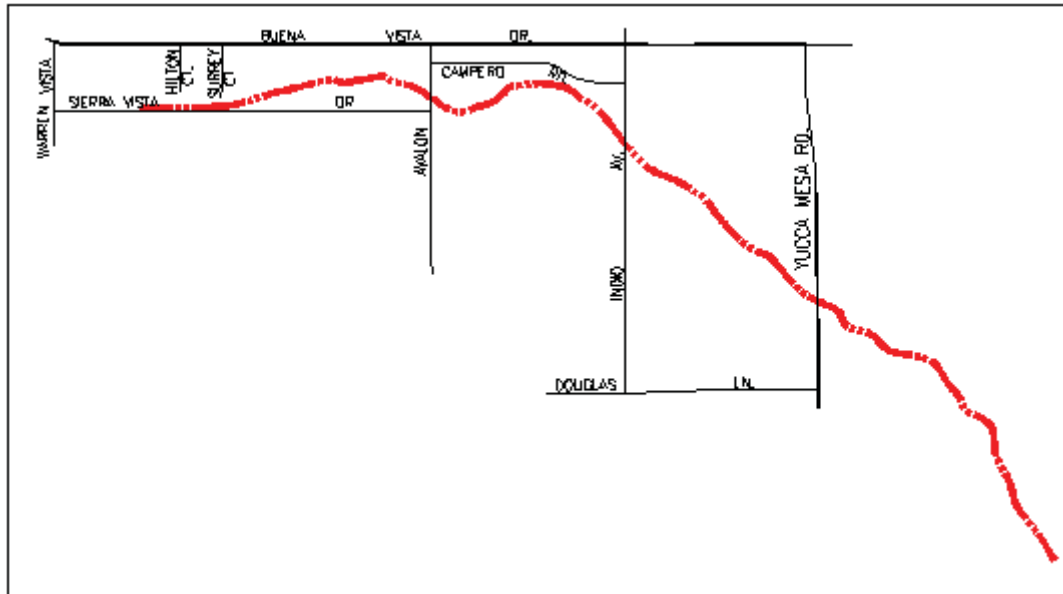


SIERRA VISTA WASH

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

Project Cost Estimate*	<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.



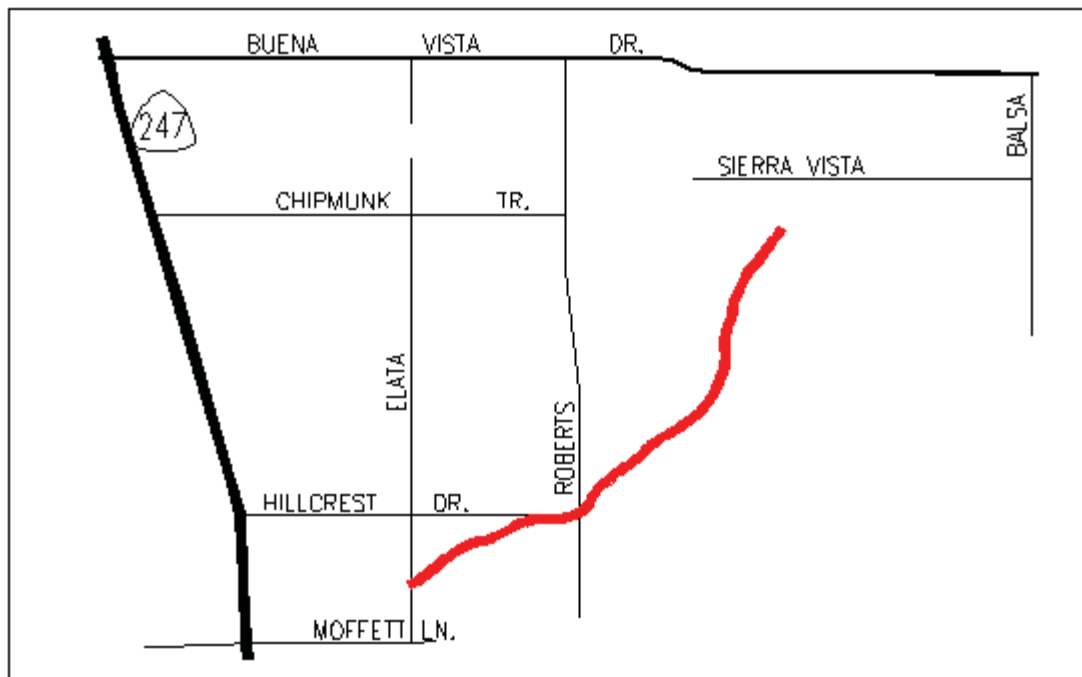
UNFUNDED PROJECTS

HILLCREST WASH

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

Project Cost Estimate*	<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.*

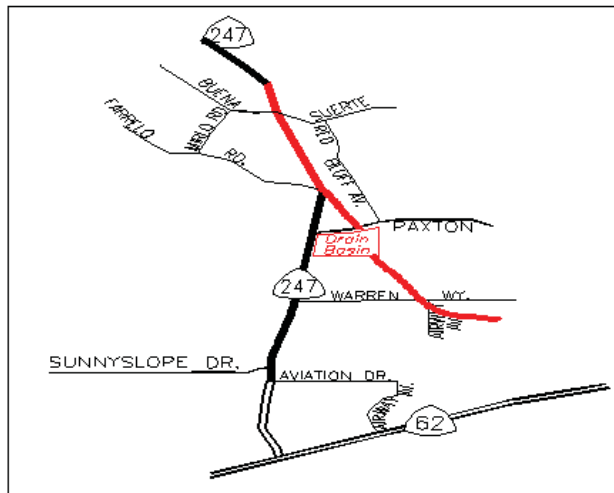


OWS CHANNEL

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.*

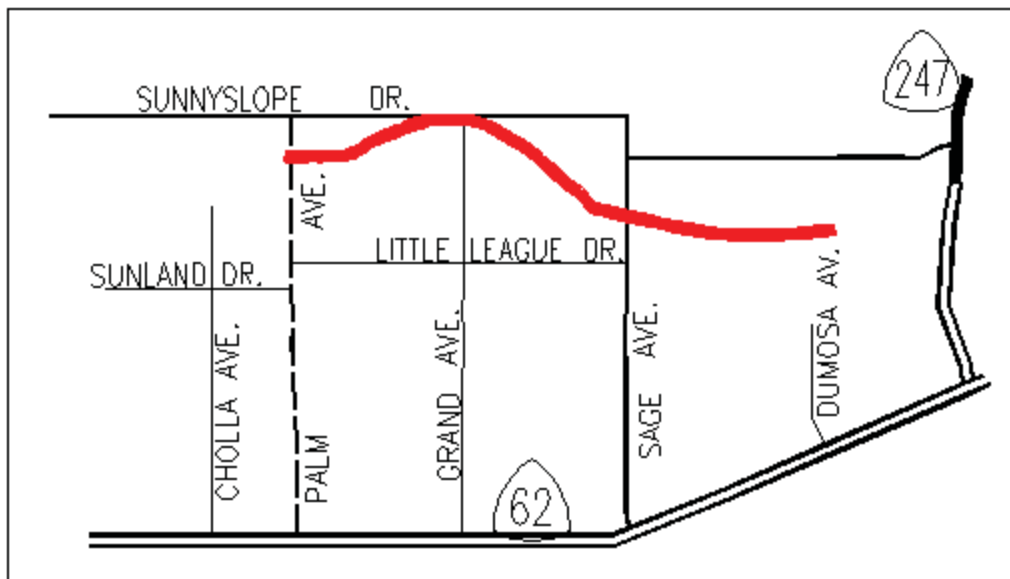


BUENA VISTA WASH

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

Project Cost Estimate*	<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.*

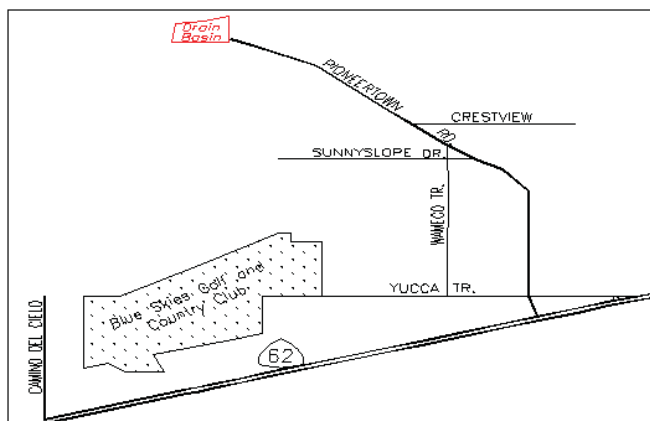


WATER CANYON BASIN

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

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

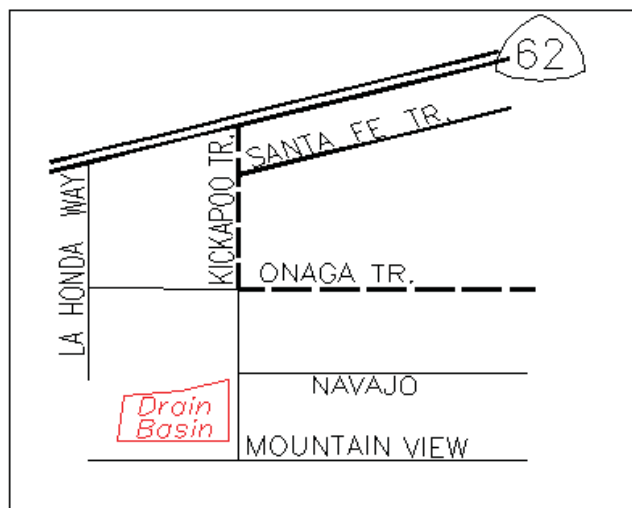


KICKAPOO BASIN

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

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

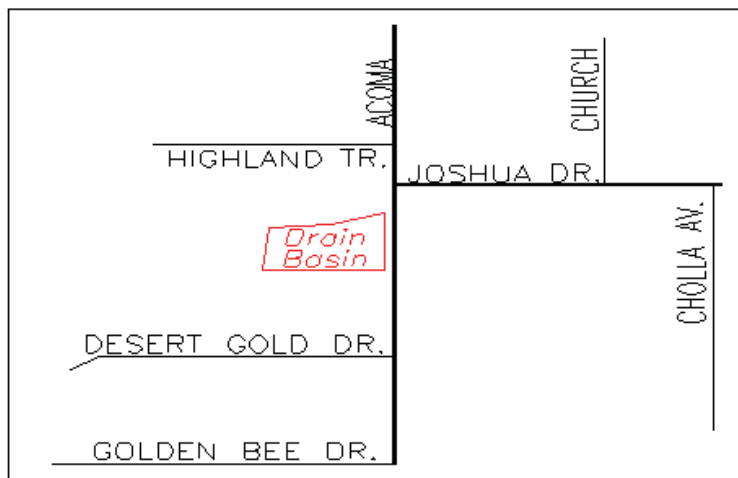


ACOMA BASIN

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

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



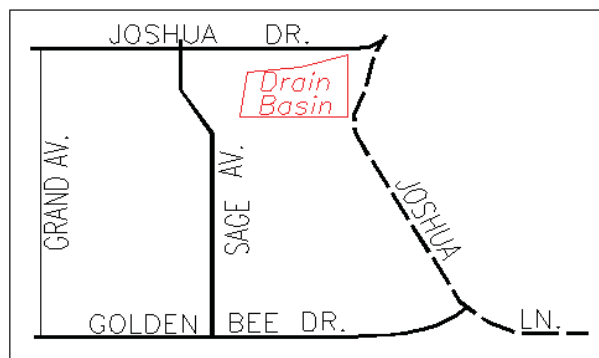
LONG CANYON BASIN

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.*



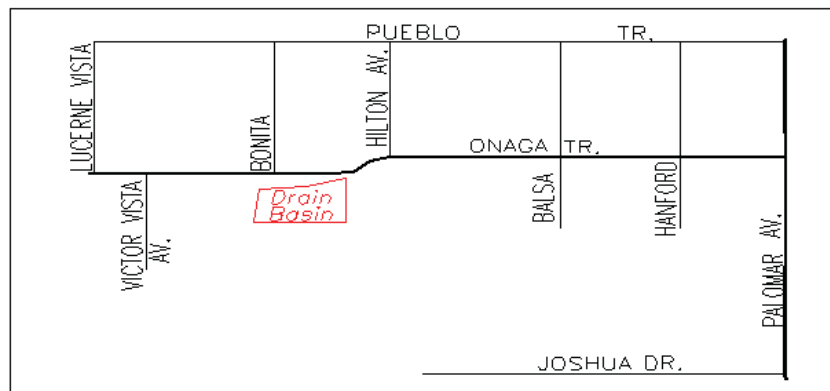
EAST BURNT MTN. BASIN

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.*

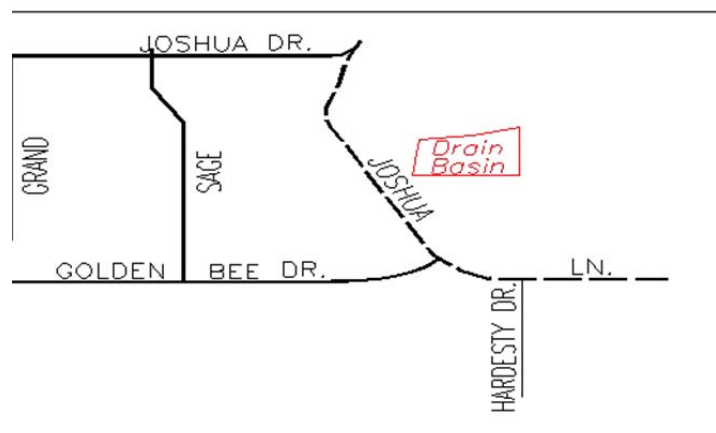


WEST BURNT MTN. BASIN

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

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

UNFUNDED PROJECTS

**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

UNFUNDED PROJECTS

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

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

UNFUNDED PROJECTS

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*

UNFUNDED PROJECTS

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

<u>Project Cost Estimate</u> *	
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

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

UNFUNDED PROJECTS

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

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

UNFUNDED PROJECTS

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

<u>Project Cost Estimate</u> *	
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 SBCTA 10 YEAR
PLAN - MORONGO BASIN SUBAREA PROJECTS**

UNFUNDED PROJECTS

**STREET IMPROVEMENTS
UNFUNDED PROJECTS**

SR 62 AIRWAY - LA CONTENTA

\$933,267.50

TOTAL: \$933,267.50

UNFUNDED PROJECTS

SR 62 AIRWAY - LA CONTENTA

Project No.	N/A
Category:	Streets & Highway
Description: *	Widen the highway from Airway Avenue to La Contenta and install new traffic signals - relocate SCE poles
Limits: *	Airway Avenue (W) to La Contenta (E)
Status:	SBCTA Planning
Schedule:	Environmental Studies estimated start on FY 26/27

Project Cost Estimate *	
PA/ED	\$933,267.50
PS & E	
ROW/Property Acquisition	
Construction	
Administration/Inspection	
Total	\$933,267.50



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

UNFUNDED PROJECTS

**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

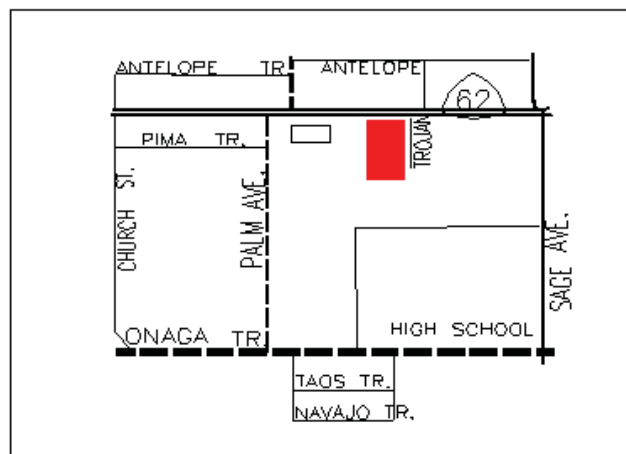
MULTIGENERATIONAL COMMUNITY CENTER COMPLEX

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*

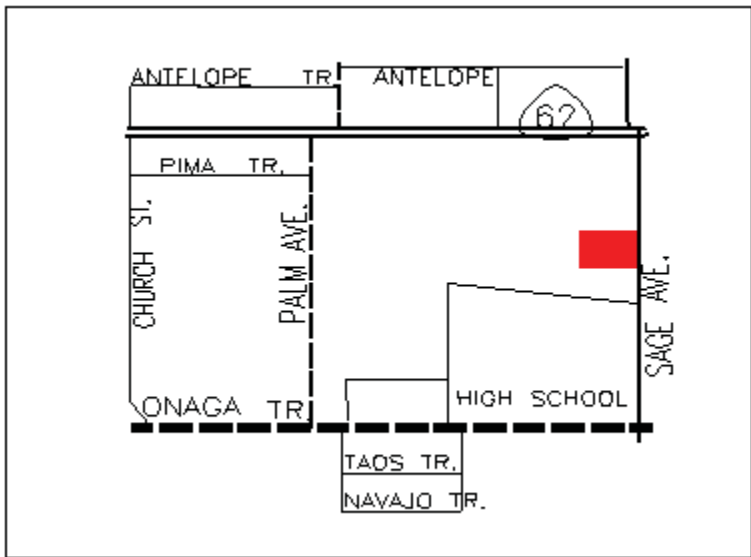


PERFORMING ARTS FACILITY

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

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

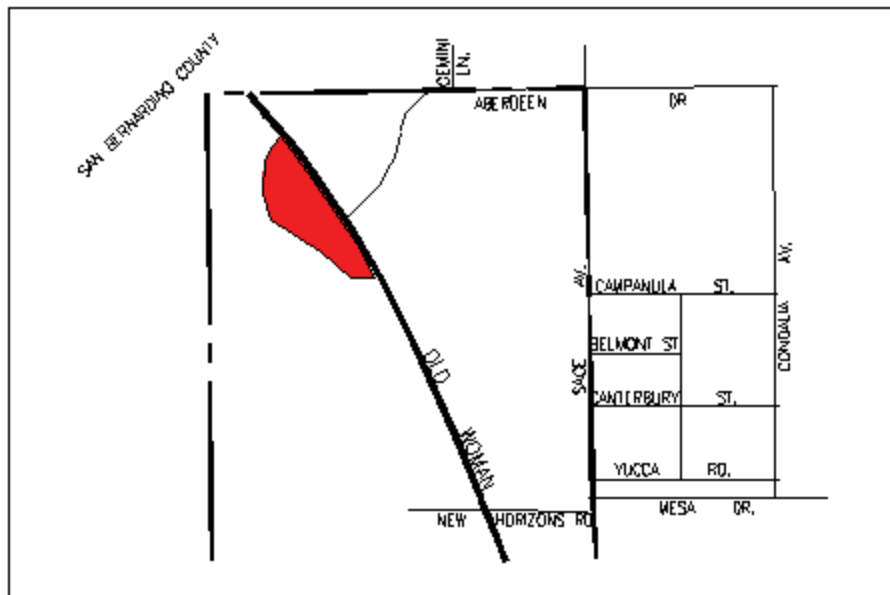


YUCCA VALLEY EVENTS SHOWGROUND & EQUESTRIAN CENTER

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

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



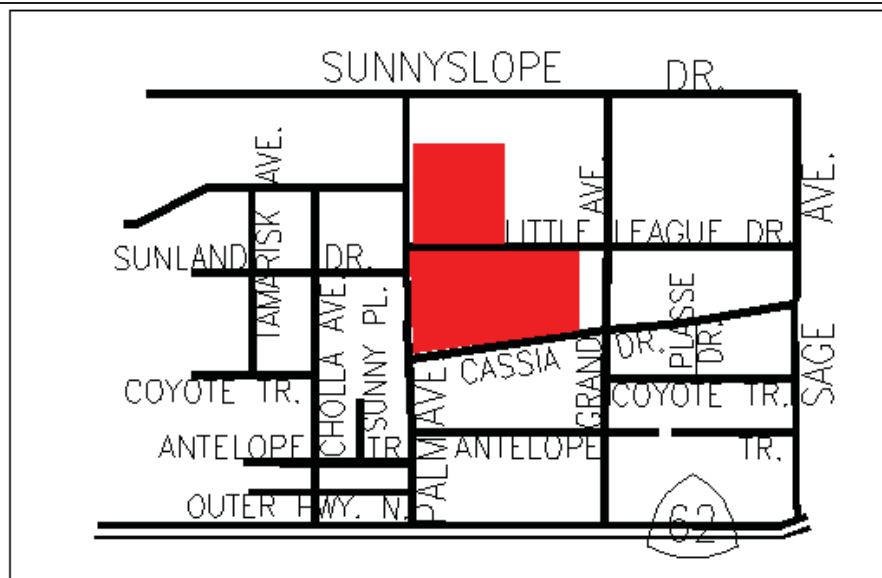
NEW BOYS & GIRLS CLUB WITHIN BREHM PARK MASTER PLAN

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*

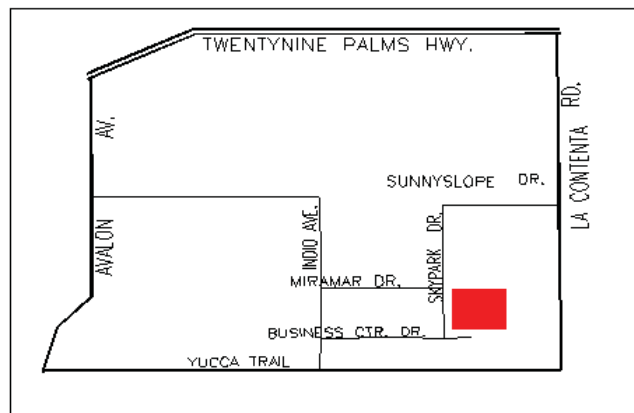


**EAST END COMMUNITY SPORTS PARK IN COORDINATION WITH
LA CONTENTA MIDDLE SCHOOL**

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

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

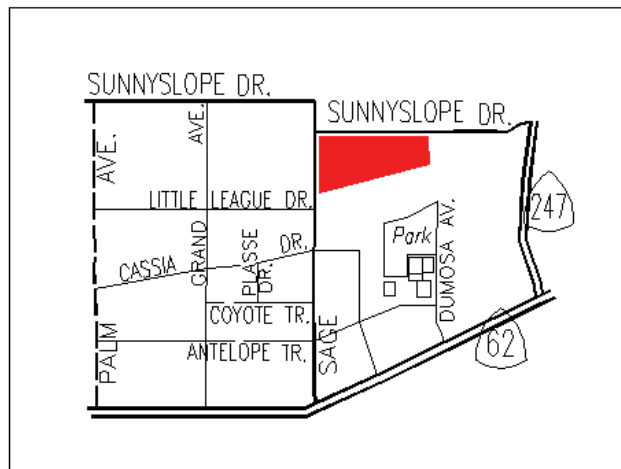


AQUATICS CENTER COMPLEX IN COORDINATION WITH IMPROVEMENTS TO SUNNYSLOPE PARK

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*

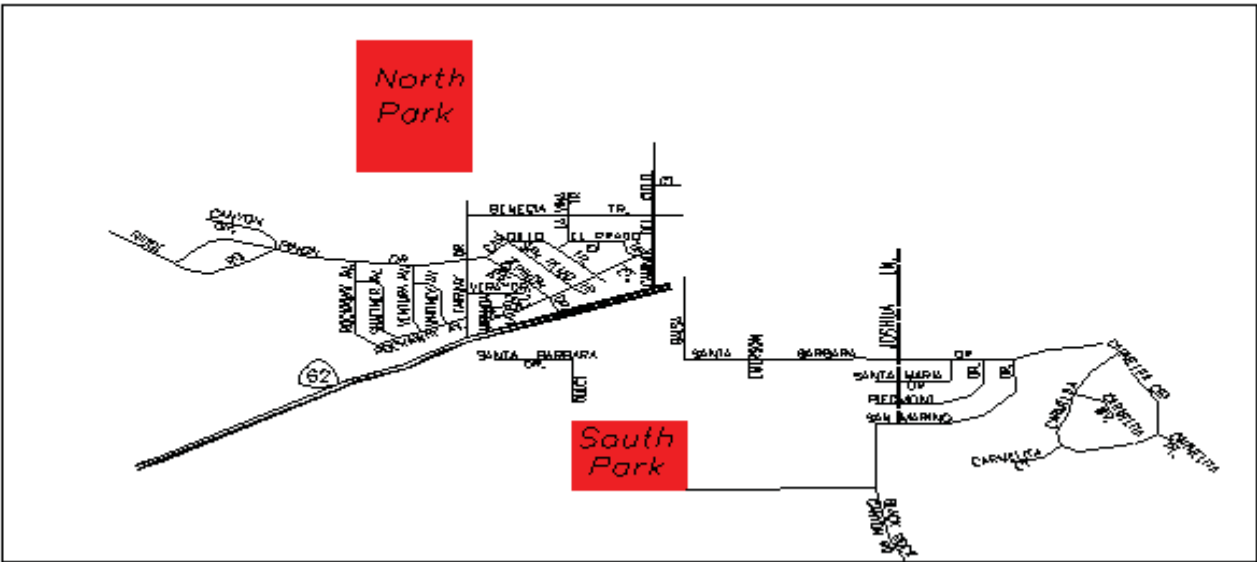


TRAIL HEAD AND SELF-GUIDED NATURE TRAIL AT NORTH PARK AND SOUTH PARK

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

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



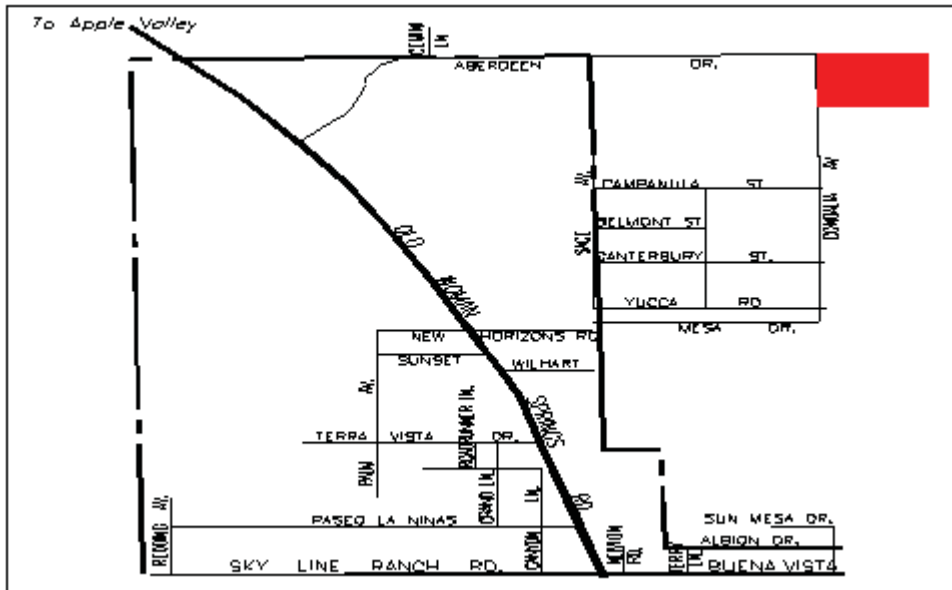
YUCCA MESA COMMUNITY PARK

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*

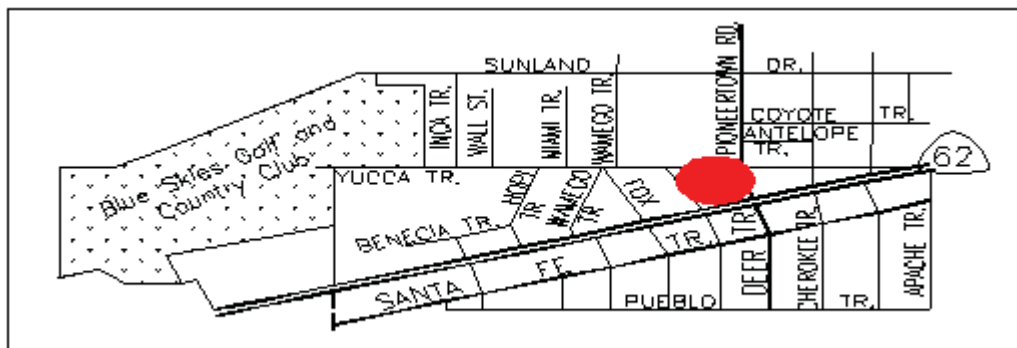


OLD TOWN SPECIFIC PLAN CULTURAL CORRIDOR

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*



UNFUNDED PROJECTS

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

<u>Project Cost Estimate</u>	
PA/ED	N/A
PS & E	4,000
ROW/Property Acquisition	N/A
Construction	35,000
Administration/Inspection	2,000
Total	41,000



UNFUNDED PROJECTS

APPENDIX
FUNDING SOURCES

APPENDIX
FUNDING SOURCES

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 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 Act of 1971 (SB325) State of California Street, Roads, Bicycle and Pedestrian Capital Facilities.

Fund 517 – SB 1 RMRA (Road Maintenance and Rehabilitation Account): The Road Repair and Accountability Act of 2017, created the Road Maintenance and Rehabilitation Program to address deferred maintenance on the State highway system and the local-street and road system. The Town expects to receive \$120,000 for fiscal year 2017/2018 and \$400,000 annually for the following years.

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 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

UNFUNDED PROJECTS

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 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 538 – Hazard Mitigation Federal Grant (HMFG): The HMFG provides funding from the Federal Emergency Management Agency (FEMA) for hazard mitigation projects for agencies that have a FEMA approved Local Hazard Mitigation Plan.

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

UNFUNDED PROJECTS

capital improvements.

Fund 801 – Measure Y Measure Y is a ½ cent per dollar (0.5%) transaction and use tax for general fund purposes lasting for 10 years. Taxpayers approved in November 2016. It is estimated that revenues from this tax will be on the order of \$1,500,000 annually. Funds generated by the proposed tax are not restricted and may be used for any Town general fund purposes; but the Town Council has declared certain priorities for use of the tax proceeds, including the following:

1. Maintaining neighborhood safety, police patrols and 911 response,
2. Maintaining and repairing existing neighborhood streets and alleys,
3. Maintaining the Town's quality of life basic programs.