



Staff Report

TO: City Council

FROM: Jeff Hart, Public Works Director

DATE: April 20, 2021

SUBJECT: Approve the Street Selection for the Annual Citywide Street Rehabilitation and Maintenance 20/21 Project CIP R-03 and R-04 and the 2021 Mid-Year Street Enhancement Project CIP R-06 and Authorize City Staff to Finalize the Bid Package and Solicit Bids for the Project

Background and Analysis:

On August 27, 2019, the City Council participated in a Workshop regarding the Road and Rehabilitation Program. The workshop provided detailed repair techniques to address the specific distress types and treatment types based on condition categories. At the end of the workshop, the City Council provided direction to City staff to make street rehabilitation and maintenance a top priority.

Since the workshop City staff has made tremendous progress in executing the City Council's direction. From the workshop to present, City staff has completed approximately 79 lane-miles of rehabilitation and maintenance. The following table summarizes the breakdown of the work performed during that period.

2019 to 2021 Street Rehabilitation & Maintenance							
Treatment Type	Area		Length				
Slurry Seal	4,485,989 SF	498,443 SY	98,373 LF	18.6 Miles	51.2 Lane-Miles		
ARAM Cape Seal	325,249 SF	36,139 SY	8,384 LF	1.6 Miles	3.2 Lane-Miles		
Mill & Overlay	1,341,668 SF	149,074 SY	33,500 LF	6.3 Miles	12.7 Lane-Miles		
Full-depth R&R	712,240 SF	79,138 SY	15,135 LF	2.9 Miles	11.5 Lane-Miles		
New Construction	28,013 SF	3,113 SY	1,099 LF	0.2 Miles	0.4 Lane-Miles		
Total	6,893,158 SF	765,906 SY	156,493 LF	29.6 Miles	79.0 Lane-Miles		

The following figure illustrates the progress since the workshop.

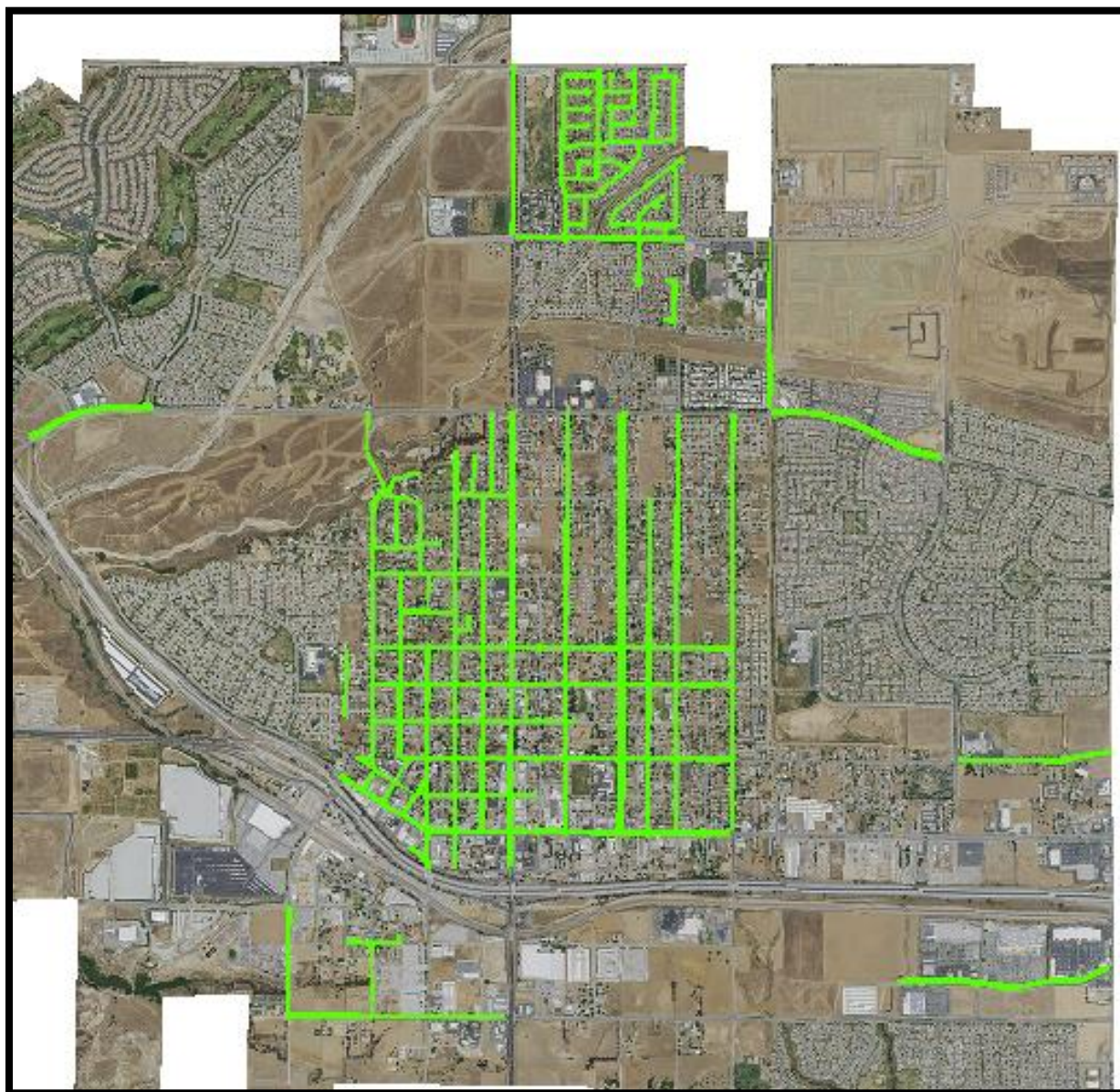


Figure 1 - Recently Treated Streets

On December 5, 2017, City Council received the Pavement Management System Update Final Report by AMS Consulting. The report evaluated the paved network by performing a comprehensive pavement condition survey and established the 2017 Pavement Condition Index (PCI) for each road segment. The City's overall 2017 baseline PCI was 71. The 2019 to present capital improvement plan (CIP) projects and

private development have significantly impacted the baseline PCI. Subsequently, the current overall PCI is higher and a new survey is recommended in FY23.

FY21 Street Rehabilitation and Maintenance Projects

On March 16, 2021, City Council adopted A Resolution of the City Council of the City of Beaumont Amending the Five-Year Capital Improvement Plan for Fiscal Years 2021/2022 – 2024/2025 and Related Prior Year CIP Project Lists. The Annual Citywide Street Rehabilitation and Maintenance 20/21 Projects (CIP R-03 and R-04) and the 2021 Mid-Year Street Enhancement Project (R-06) were included in the amendment. City staff is proposing to advertise, award, and construct the three projects together to minimize the unit cost for similar items like ac paving, slurry seal, etc. and maximize the efficiency of City staff time.

The combined project will spend the most restrictive funds first, SB-1, then Measure A, and, lastly, General Fund revenues. The combined funding sources as shown in the approved CIP budgets provide for a total of \$5,577,934. City staff has identified the preliminary streets based on the 2017 PCI, field verification of listed streets and recommended treatment methods, and the adopted FY20/21 Street list for SB-1 funding. The identified streets will receive the most appropriate treatment method to maximize the budget and community impact. The following is the recommended list of streets for the combined projects.

LIST OF PRELIMINARY STREETS				
STREET NAME	FROM	TO	LENGTH (FT)	AREA (SF)
ACANTHUS	YARROW	END	530	16,960
AKINDALE	CUL-DE-SAC	CLAIBORNE	566	21,198
ALDER	EVERGREEN	BRIARROAK	457	14,624
ALPINE CT	MARIPOSA	N END	144	4,608
AMARYLLIS	CROWN IMPERIAL	MISTLETOE	754	24,128
AMBER LILY	DAISY	W END	703	22,496
AMBROSIA	BUTTERCUP	PAVE CHANGE	158	5,056
AMBROSIA	PAVE CHANGE	BURGUNDY ROSE	286	9,152
ANSER	APOLLO	HADAR	218	6,976
ANTONELL	PENNSYLVANIA	CHERRY	436	16,240
APOLLO	SUNBURST	PAVO	1,076	34,432
ARBOLITO	VALLEY ROSE	E END	229	7,328
ARDITH CT	BURGUNDY ROSE	W END	198	6,336
ASHFORD	BROOKSIDE	CUL-DE-SAC	795	28,969
ASPEN GLEN	EVERGREEN	END	811	25,952
ASTER	EARLY BLUE	DAYLILY	429	13,728
AUGUSTA	FAIRWAY	END	1,198	38,336
AZAELA CT	STARGAZER	END	208	6,656
BANYON / NORRY	NUTWOOD	FLAMINGO	683	26,404

LIST OF PRELIMINARY STREETS				
STREET NAME	FROM	TO	LENGTH (FT)	AREA (SF)
BEACH GRASS	HUNTER MOON	DESERT STAR	200	6,400
BEAUMONT	OAK VALLEY	COUGAR	2,766	148,808
BEDFORD / SIERRA / BELLE	CUL-DE-SAC	LUNA	1,421	57,265
BEGONIA	HEATH	ORCHIS	912	29,184
BERKSHIRE	FIRST	POTRERO	1,199	42,670
BETH	SENECA SPRINGS	NEWBURN	179	9,342
BILBERRY	BURGUNDY ROSE	BUTTERCUP	234	7,488
BILLINGS	LELAND	FLAMINGO	694	25,753
BIRD OF PARADISE CT	LILIES	E END	274	8,768
BIRDSONG	CUL-DE-SAC	FLAMINGO	504	20,882
BLAZING STAR	SUNBURST	NIGHTHAWK	211	6,752
BLAZING STAR	RAIN LILY	SUNBURST	211	6,752
BLOOMS DAY	BURDOCK	N END	266	8,512
BLUE STAR	MOSS ROSE	SERA MOON	455	14,560
BLUEBIRD CT	CARDINAL	END	383	12,256
BOLVARDIA	LILIES	E END	249	7,968
BOTTLEBRUSH CT	WILLOW MOON	W END	249	7,968
BRIAR OAK	ASPEN GLEN	ALDER	227	7,264
BROOKMEADE	LANA	CUL-DE-SAC	513	19,582
BROOKSIDE	CLAIBORNE	CLAIBORNE	1,841	65,512
BROOKSIDE	CITY LIMIT	OAKVIEW	3,298	158,304
BROWN BEAR TRL	QUAIL SUMMIT	SUNNYSLOPE	527	17,918
BRUTUS	DESERT LAWN	END	2,489	79,648
BURDOCK	VALLEY ROSE	W/O BARBETTY (PAVE CHANGE)	756	24,192
BURDOCK	W/O BARBETTY (PAVE CHANGE)	EDELWEISS	274	8,768
BURGUNDY ROSE	AMBROSIA	LIATRIS	1,181	37,792
BUTTERCUP	BILBERRY	TIGER FLOWER	1,046	33,472
CACTUS WREN CT	E DEODAR	END	408	13,056
CADDIE	LONG	DOUBLE EAGLE	289	9,248
CALLAWAY CT	E DEODAR	END	304	9,728
CANYON CREST	MEADOW CREST	PALM	514	17,476
CANYON CREST	PALM	APE CANYON	549	18,666
CARDIFF / GLEN HILL	CUL-DE-SAC	CLAIBORNE	646	25,276
CARDINAL	EVERGREEN	ROAD RUNNER	682	21,824
CARDINAL	OAKVIEW	EVERGREEN	171	5,472
CARINA	SHOOTING STAR	STAR LIGHT	112	3,584
CARMEL CT	E DEODAR	END	149	4,768
CARNATION	MANDRAKE	XENIA	3,217	102,944
CASELTON	CUL-DE-SAC	WINDBOUND	352	14,405
CASEY CT	PARKWAY	END	215	6,880
CASPIA	QUEEN ANNES	W END	276	8,832
CEDAR HOLLOW	CHERRY	END	1,142	36,544
CEDARBROOK	OAKVIEW	EVERGREEN	220	7,040

LIST OF PRELIMINARY STREETS				
STREET NAME	FROM	TO	LENGTH (FT)	AREA (SF)
CEDARVIEW	PALM	END	1,476	50,184
CHALLENGE	LAKEVIEW	TOURNAMENT	292	9,344
CHAMPION	FAIRWAY	CLASSIC	210	6,720
CHENILLE	STAR LIGHT	EARLY BLUE	116	3,712
CHERRY	COUGAR	OAK VALLEY	2,631	73,668
CLAIBORNE	WOODBURN	RING RANCH	1,978	77,821
CLAIBORNE	RING RANCH	WOODBURN	1,931	72,588
CLASSIC	LAKEVIEW	TOURNAMENT	567	18,144
CLOVER	MARIPOSA	JUNIPER	371	11,872
COLD SPRING	LELAND	FLAMINGO	1,019	41,123
COMFREY LEAF	GRAPSEED	VALLEY ROSE	644	20,608
CONNOR	PARKWAY	END	231	7,392
COPPER CIR	INDIGO	END	186	5,952
CORAL	SMOKE TREE	SUNBURST	211	6,752
CORIANDER CT	BARBETTY	W END	194	6,208
COUGAR	BEAUMONT	CHERRY	3,928	227,824
CREEKSIDE	GREENWOOD	HILLVIEW	302	9,664
CRESTON	CUL-DE-SAC	FOX RIDGE	378	15,206
CROWN IMPERIAL	AMARYLLIS	BARBETTY	713	22,816
CURTIS	BRUTUS	HIGH RIDGE	339	10,848
DAFFODIL	SEA LAVENDER	E END	593	18,976
DAHLIA	FREESIA	N END	248	7,936
DAISY	LARKSPUR	END	955	30,560
DARBY DAWN	CUL-DE-SAC	BROOKSIDE	722	26,949
DAX	BRUTUS	PARKWAY	391	12,512
DAYLILY	ASTER	SUNFLOWER CT	290	9,280
DEL SOL	POLARIS	N END	251	8,032
DESERT FOX CT	QUAIL SUMMIT	END	280	9,520
DESERT STAR	N SHOOTING STAR	WILLOW MOON	829	26,528
DIXIANA	CUL-DE-SAC	WINDBOUND	168	8,798
DORADO	SHOOTING STAR	STAR LIGHT	112	3,584
DOUBLE EAGLE	TEE TIME	CADDIE	732	23,424
DOVE	LYRA	SHOOTING STAR	210	6,720
E DEODAR	N DEODAR	S MONTE VERDE	1,120	35,840
EARLY BLUE	ASTER	SENITA	637	20,384
EDELWEISS	OAK VALLEY	TULIP CIR	1,130	36,160
EIGHTH	PENNSYLVANIA	XENIA	3,426	149,093
EMERALD MOON	STAR LIGHT	RIGEL	101	3,232
EMERALD MOON	JADE MOON	STAR LIGHT	114	3,648
EMORY	FIRST	FLAMINGO	950	41,890
ENDRESEN CT	RANCHO VISTA	END	260	8,320
EVERGREEN	PINEBOURNE	CUL-DE-SAC	407	17,991
EVERGREEN	PARKVIEW	ASPEN GLEN	1,726	55,232
FAIRWAY	S/O WESTCHESTER	OAKVIEW	2,567	105,247
FIRST	MAGNOLIA	HIGHLAND SPRINGS	8,020	506,222
FIRST	HWY 79	MAGNOLIA	369	25,327
FIRST	PENNSYLVANIA	PENNSYLVANIA	510	25,029

LIST OF PRELIMINARY STREETS				
STREET NAME	FROM	TO	LENGTH (FT)	AREA (SF)
FIRST	COMMERCE	COMMERCE	478	34,459
FLAMINGO	CUL-DE-SAC	COLD SPRINGS	2,180	84,627
FLORA / STARA / LELSIE	COLD SPRINGS	COLD SPRINGS	788	32,182
FLOWER	ROSE	PRIMROSE	720	23,040
FOX RIDGE / WILSEY	HARDWICK	CUL-DE-SAC	967	37,946
FREESIA	QUEEN ANNES	E END	563	18,016
FREESIA	SEA LAVENDER	QUEEN ANNES	741	23,712
GAINESWAY	CUL-DE-SAC	CLAIBORNE	519	19,474
GAINSBOROUGH	CUL-DE-SAC	WINDBOUND	486	19,219
GATEWAY	OAK VALLEY	BRUTUS	621	28,566
GLEN HILL / HIGHLAND	CUL-DE-SAC	CLAIBORNE	661	25,931
GOLD FINCH	SERA MOON	JADE MOON	234	7,488
GOLDEN	INDIGO	OAKVIEW	984	31,488
GOLF	LONG	END	424	13,568
GOLF CLUB	OAKVALLEY	GATE	3,947	169,721
GORDON	CUL-DE-SAC	BERKSHIRE	157	9,073
GRAHAM	ROLLINGWOOD	REDWOOD	551	21,387
GRAPESEED	OAK VALLEY	BURDOCK	531	17,207
GRAPESEED	OAK VALLEY	BURDOCK	476	15,232
GREENWOOD	EVERGREEN	CREEKSIDE	736	23,552
HADAR	ANSER	W END	268	8,576
HARDWICK	RING RANCH	BROOKSIDE	778	28,894
HARVEST	CUL-DE-SAC	HELEN	191	9,839
HAWTHORNE	SHAMROCK	LAURESTIN	313	10,016
HEEDRICK	CUL-DE-SAC	WINDBOUND	168	8,865
HEIDI CIR	TRINETTE	END	261	8,874
HELEN	ROLLINGWOOD	REDWOOD	552	21,430
HICHORY TREE	CLAIBORNE	HURSTLAND	441	15,316
HIGH RIDGE	END	END	2,905	92,960
HIGHLAND SPRINGS	I-10 EB RAMPS	FIRST	1,791	98,141
HIGHLAND SPRINGS	FIRST	POTRERO	1,265	48,633
HILLVIEW	EVERGREEN	CREEKSIDE	849	27,168
HOUSTONIA	MISTLETOE	SHAMROCK	794	22,232
HUNTER MOON	RAIN LILY	W END	1,998	63,936
HURSTLAND	CUL-DE-SAC	LIVE OAK	820	31,529
INDIGO	OAKVIEW	GOLDEN	835	26,720
IRIS	OAKVIEW	ROSE	142	4,544
IVY CT	STARGAZER	END	260	8,320
IVY	N LARKSPUR	SUNDANCE	112	3,584
IVY	SUNDANCE	MOSS ROSE	112	3,584
JADE CT	ROSE	END	127	4,064
JADE MOON	NIGHT HAWK	SAND PIPER	963	30,816
JENSON	WENG STAR	WINTER PINE	221	7,514

LIST OF PRELIMINARY STREETS				
STREET NAME	FROM	TO	LENGTH (FT)	AREA (SF)
JONABELL	RIND RANCH	DARBY DAWN	706	27,320
JONQUIL	OAK VALLEY	BEGONIA	130	4,160
JUNIPER	N LARKSPUR	CLOVER	285	9,120
KATHERINE CT	N DEODAR	END	457	14,624
KELLY	BRUTUS	HIGH RIDGE	338	10,816
KELLY	BRUTUS	RANCHO VISTA	537	17,184
KIRBY CT	COUGAR	END	284	9,656
LA COSTA CT	LAKESIDE	END	184	5,888
LA QUINTA CT	LAKEVIEW	END	215	6,880
LAKESIDE	OAKVIEW	SPYGLASS CT	1,270	40,640
LAKEVIEW	CLASSIC	END	959	30,688
LANA	WOODBURN	OLIVE	1,125	41,360
LAURESTINE	HAWTHORN	POLYANTHUS	532	17,024
LEEDS	REDWOOD	FIRST	169	8,309
LELAND	LUNA	COLD SPRINGS	1,761	61,900
LIATRIS	BURGUNDY ROSE	SEA LAVENDER	448	14,336
LILIES	SWEETPEA	SEA LAVENDER	1,163	37,216
LIVE OAK	CLAIBORNE	HURSTLAND	456	16,009
LONG	TEE TIME	END	1,301	41,632
LUNA	FIRST	FLAMINGO	988	43,525
LYRA	DESERT STAR	WATERLEAF CT	1,172	37,504
LYTHRUM CT	SARDONIA	N END	311	9,952
MANDRAKE	PERIWINKLE	END	903	28,896
MARIPOSA	SUNBURST	DAISY	1,021	32,672
MARSHALL	COUGAR	ORO LEAF	183	6,222
MASTERS	TOURNAMENT	OAKVIEW	184	5,888
MASTERS	LAKEVIEW	TOURNAMENT	401	12,832
MEADOW CREST	CEDARVIEW	CANYON CREST	464	15,776
MESQUITE VIS	BROWN BEAR TRAIL	END	423	14,382
MISTLETOE	AMARYLLIS	TULIP CIR	797	25,504
MOCKINGBIRD CIR	CARDINAL	END	97	5,141
MORGAN	W MONTE VERDE	BROOKSIDE	1,127	36,064
MOSS ROSE	NIGHTHAWK	SAND PIPER	1,067	34,144
MOUNTAIN VIEW TRAIL	END	END	1,088	36,992
N DEODAR	BROOKSIDE	E DEODAR	1,912	61,184
N LARKSPUR	MARIPOSA	DAISY	1,540	49,280
N LARKSPUR	JUNIPER	MARIPOSA	314	10,048
NEWBURN	CUL-DE-SAC	ROLLINGWOOD	667	27,171
NIGHTHAWK	MOSS ROSE	JADE MOON	602	19,264
NILSEN CT	RANCHO VISTA	END	529	16,928
NUTWOOD	LELAND	FLAMINGO	719	27,021
OAK VALLEY	CITY LIMITS	DESERT LAWN	7,944	653,624
OAK VALLEY	OAK VIEW	BEAUMONT	5,305	345,103
OAK VALLEY	BEAUMONT	CHERRY	3,969	242,698
OAK VALLEY	STARLIGHT	HIGHLAND SPRINGS	2,788	200,996
OAK VIEW	OAK VALLEY	BROOKSIDE	5,957	309,003

LIST OF PRELIMINARY STREETS				
STREET NAME	FROM	TO	LENGTH (FT)	AREA (SF)
OAKHURST CT	N DEODAR	END	457	14,624
OAKVALLEY VILLAGE CIR	GOLF CLUB	GOLF CLUB	1,398	53,124
ORCHIS	YARROW	BEGONIA	621	19,872
ORO LEAF	TIFFANY	END	387	13,158
PACIFIC TRAILS	CEDARVIEW	END	297	10,098
PALM	CANYON CREST	OAK VALLEY	1,910	145,160
PARKVIEW	OAKVIEW	EVERGREEN	204	6,528
PARKWAY	END	CONNOR CT	1,166	37,312
PAVO	RIGEL	APOLLO	262	8,384
PERIWINKLE	SHAMROCK	MANDRAKE	579	16,212
PERKINS CIR	RANCHO VISTA	END	262	8,384
PETUNIA CT	SEA LAVENDER	E END	332	10,624
PHOENIX	POLARIS	SUNBURST	749	23,968
PINEBOURNE	LANA	CUL-DE-SAC	498	18,771
PINERIDGE CIR	LAKESIDE	END	356	11,392
PINNACLE	LAKESIDE	OAKVIEW	441	14,112
AYA	SIERRA	LUNA	438	16,569
POINSETTA	TIGER FLOWER	YARROW	130	4,160
POLARIS	SUNBURST	DEL SOL	868	27,776
POLYANTHUS	LAURESTINE	MANDRAKE	313	10,016
POPPY CT	SMOKE TREE	W END	996	31,872
POTRERO	DIEGO	HIGHLAND SPRINGS	7,203	448,420
PRIMROSE	STARGAZER	FLOWER	551	17,632
QUAIL SUMMIT	COUGAR	END	881	29,954
QUEEN ANNES	SNAPDRAGON	CARNATION	1,384	44,288
QUINCE	HOUSTONIA	SEA LAVENDER	904	28,928
RAIN LILY	HUNTER MOON	SHOOTING STAR	762	24,384
RANCHO VISTA	PERKINS CIR	NILSEN CT	1,056	33,792
REDWOOD	GRAHAM	HELEN	644	26,782
RIGEL	SPICA	PAVO	828	26,496
RING RANCH	WEST TERMINATION	CLAIBORNE	3,731	168,683
RING RANCH	CLAIBORNE	VIELE	1,280	58,777
ROAD RUNNER	ROBIN GLEN	CARDINAL	293	9,376
ROASE	INDIGO	GOLDEN	1,692	54,144
ROBIN GLEN	EVERGREEN	ROAD RUNNER	715	22,880
ROLLINGWOOD	GRAHAM	NEWBURN	531	22,212
S MONTE VERDE	MORGAN	S END	1,566	50,112
SAFFRON CT	BURGUNDY ROSE	W END	190	6,080
SAGAMORE	CUL-DE-SAC	CLAIBORNE	553	20,736
SAGEBRUSH	END	END	1,344	43,008
SAGEBRUSH	SAGEBRUSH	HUNTER MOON	510	16,320
SAND PIPER	MOSS ROSE	JADE MOON	714	22,848
SANTA PAULA CT	N DEODAR	END	431	13,792
SARDONIA	AMARYLLIS	LYTHRUM CT	230	7,360
SENECA SPRINGS	FIRST	POTRERO	1,172	83,941
SENITA	EARLY BLUE	WALL FLOWER	261	8,352

LIST OF PRELIMINARY STREETS				
STREET NAME	FROM	TO	LENGTH (FT)	AREA (SF)
SERA MOON	GOLD FINCH	SAND PIPER	653	20,896
SHADOW HILLS TR	MOUNTAIN VIEW TRAIL	END	920	31,280
SHAMROCK	SEA LAVENDER	PERIWINKLE	991	27,748
SHARON CT	W MONTE VERDE	END	228	7,296
SHOOTING STAR	RAIN LILY	N END	2,434	77,888
SHORT IRON	DOUBLE EAGLE	OAKVIEW	160	5,120
SILVER CT	GOLDEN	END	280	8,960
SILVER TORCH	SAGEBRUSH	OAK VALLEY	1,306	41,792
SMOKE TREE	POPPY CT	N END	781	24,992
SNAPDRAGON	CARNATION	STAR LIGHT	1,138	36,416
SPARROW PT	BLUE STAR	W END	488	15,616
SPICA	RIGEL	APOLLO	251	8,032
SPYGLASS CT	LAKESIDE	END	273	8,736
ANDREWS	WILLOWBEND	AUGUSTA	258	8,256
STAR LIGHT	OAK VALLEY	HIGHLAND SPRINGS	6,399	435,132

Fiscal Impact:

The Annual Citywide Street Rehabilitation and Maintenance 20/21 Projects will be funded per CIP R-03 and R-04, utilizing measure A and SB-1 funding, respectively. The 2021 Mid-Year Street Enhancement Project CIP R-06 will utilize General Funds. The estimated cost to prepare this staff report is \$1,500.

Recommended Action:

Approve the street selection for the Annual Citywide Street Rehabilitation and Maintenance 20/21 project CIP R-03 and R-04 and the 2021 Mid-Year Street Enhancement project CIP R-06, and
 Authorize staff to finalize the bid package and solicit bids for the project.

Attachments:

- A. 20/21 CIP Preliminary Streets Exhibit