



Staff Report

TO: City Council

FROM: Jeff Hart, Public Works Director

DATE: April 5, 2022

SUBJECT: **Street Selection for the Annual Citywide Street Rehabilitation and Maintenance FY21/22 Capital Improvement Program Project R-08 and R-09**

Background and Analysis:

On August 27, 2019, City Council participated in a Special Workshop for 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, City Council provided direction to make street rehabilitation and maintenance a top priority.

Since the workshop City management and staff have made tremendous progress in executing City Council’s direction. From the workshop to present, City staff has completed approximately 152 lane-miles of rehabilitation and maintenance. The following table summarizes the breakdown of the work performed during that period:

2019 to 2022 Street Rehabilitation & Maintenance							
Treatment Type	Area			Length			
Slurry Seal	9,424,216 SF	1,047,135 SY	208,331 LF	39.5 Miles	108.5 Lane-Miles		
ARAM Cape Seal	1,196,997 SF	133,000 SY	30,995 LF	5.9 Miles	11.7 Lane-Miles		
Mill & Overlay	2,187,049 SF	243,005 SY	51,435 LF	9.7 Miles	19.5 Lane-Miles		
Full-depth Reconstruction	728,480 SF	80,942 SY	15,635 LF	3.0 Miles	11.8 Lane-Miles		
New Construction	28,013 SF	3,113 SY	1,099 LF	0.2 Miles	0.4 Lane-Miles		
Total	13,564,754 SF	1,507,195 SY	307,496 LF	58.2 Miles	152.0 Lane-Miles		

The following figure illustrates the progress since the workshop:

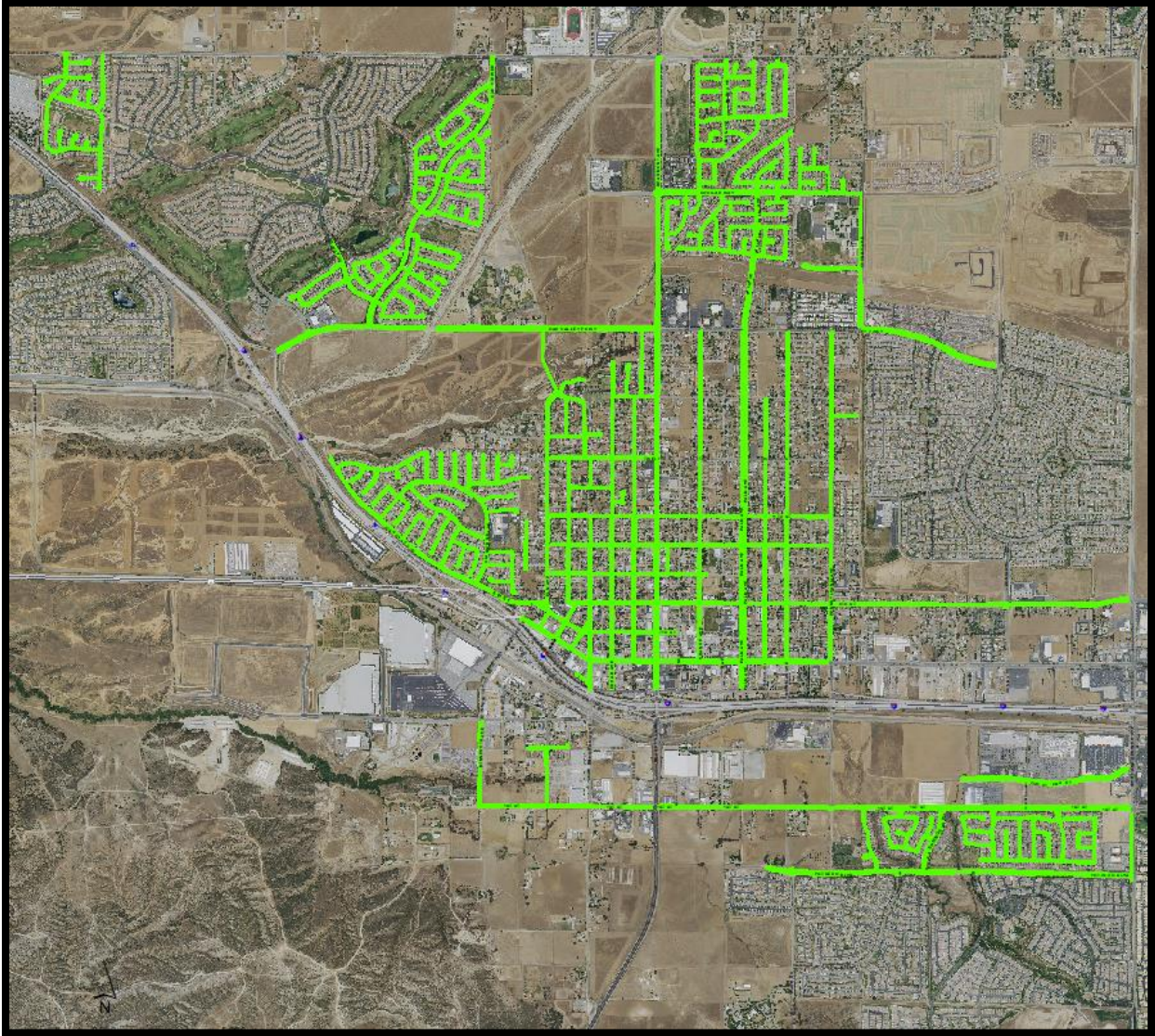


Figure 1 - Recently Treated Streets

FY21/22 Street Rehabilitation and Maintenance Projects

On June 1, 2021, City Council adopted A Resolution of the City Council of the City of Beaumont Adopting a Five-Year Capital Improvement Plan for Fiscal Years 2021/2022 – 2025/2026 and Related Prior Year CIP Project Lists. The Annual Citywide Street Rehabilitation and Maintenance FY21/22 Projects (CIP R-08 and R-09) were included in the project list. City staff is proposing to advertise, award, and construct the two projects together to minimize the unit cost for similar items like ac paving, slurry seal, etc. and maximize the efficiency of staff time.

The combined project will spend the most restrictive funds first: SB-1, then Measure A. The combined funding sources as shown in the approved CIP budgets provide for a total project budget of \$1,923,763. City staff has identified the preliminary streets based on the 2017 Pavement Condition Index (PCI) and the adopted FY21/22 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 a list of the preliminary streets for the combined projects:

List of Preliminary Streets

Street Name	From	To	Length (ft)	Area (sf)	Location
Perkins	Cul-de-sac	Rancho Vista	374	15,025	Curtis
Rancho Vista	Perkins	Nilsen	862	27,336	Curtis
Nilsen	Rancho Vista	Cul-de-sac	430	15,351	Curtis
Endresen	Rancho Vista	Cul-de-sac	208	8,248	Curtis
Gateway	Oak Valley	Brutus	541	19,040	Curtis
Kelly	Rancho Vista	Brutus	410	11,834	Curtis
Connor	Parkway	Cul-de-sac	276	12,056	Curtis
Parkway	Cul-de-sac	Connor	943	31,022	Curtis
Dax	Parkway	Brutus	289	7,990	Curtis
Brutus	Dax	Kelly	1,909	60,967	Curtis
Kelly	Brutus	High Ridge	244	6,676	Curtis
Curtis	Brutus	High Ridge	248	6,754	Curtis
High Ridge	Curtis	Kelly	1,963	61,937	Curtis
Casey	Parkway	cul-de-sac	191	7,626	Curtis
Brutus	Cul-de-sac	Dax	295	10,866	Curtis
Brutus	Kelly	Desert Lawn	424	15,384	Curtis
High Ridge	Cul-de-sac	Curtis	327	12,087	Curtis
High Ridge	Kelly	Cul-de-sac	288	10,999	Curtis
Fifth	California	Beaumont	1,273	54,668	Downtown
Fifth	Beaumont	Michigan	2,718	115,595	Downtown
Magnolia	5th	6th	506	19,133	Downtown
Orange	5th	6th	515	19,733	Downtown
Maple	5th	6th	513	19,766	Downtown
Chestnut	5th	6th	522	19,425	Downtown
Michigan	5th	6th	534	19,687	Downtown
Magnolia	6th	7th	710	30,118	Downtown
Magnolia	7th	8th	427	17,140	Downtown
Magnolia	8th	9th	558	20,648	Downtown
Magnolia	9th	10th	520	18,938	Downtown
Magnolia	10th	11th	550	20,332	Downtown
Oak Valley	Potrero	Desert Lawn	2,653	252,854	OVP
Sunset	Starlight	New Dawn	149	3,751	Sundance
New Dawn	Cul-de-sac	Midnight Sun	707	24,191	Sundance
Midnight Sun	New Dawn	Silver Torch	893	27,625	Sundance
Moonlight	New Dawn	Silver Torch	862	26,022	Sundance
Crescent Moon	Moonlight	Cul-de-sac	398	14,475	Sundance

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Street Name	From	To	Length (ft)	Area (sf)	Location
Silver Torch	Oak Valley	Big Sky	671	20,371	Sundance
Big Sky	Cul-de-sac	Fall Brook	1,768	58,361	Sundance
Fallbrook	Big Sky	Midnight Sun	568	17,524	Sundance
Midnight Sun	Silver Torch	Fallbrook	1,341	41,416	Sundance
White Cloud	Midnight Sun	Cul-de-sac	367	13,416	Sundance
Starry Skies	Midnight Sun	Big Sky	474	13,566	Sundance
Half Moon	Midnight Sun	Cul-de-sac	352	12,792	Sundance
Daybreak	Midnight Sun	Cul-de-sac	259	9,950	Sundance
Daybreak	Oak Valley	Midnight Sun	155	3,959	Sundance
Sagebrush	Sundance	Sagebrush	244	6,617	Sundance
Silver Torch	Sagebrush	Oak Valley	1,339	41,167	Sundance
Sunflower	Cul-de-sac	Silvertorch	466	16,328	Sundance
Early Blue	Aster	Sentia	707	22,060	Sundance
Day Lilly	Sunflower	Aster	332	9,787	Sundance
Aster	Early Blue	Day Lily	465	14,570	Sundance
Senita	Early Blue	Wall Flower	275	7,945	Sundance
Wall Flower	Poppy	Cul-de-sac	458	16,119	Sundance
Poppy	Silver Torch	Cul-de-sac	754	25,570	Sundance
Sagebrush	Cul-de-sac	Cul-de-sac	1,392	48,506	Sundance
Shooting Star	Cul-de-sac	Rain Lily	2,490	79,597	Sundance
Rain Lily	Shooting Star	Blazing Star	626	18,798	Sundance
Dorado	Starlight	Shooting Star	149	3,710	Sundance
Carina	Starlight	Shooting Star	148	3,725	Sundance
Desert Star	Shooting Star	Willow Moon	899	27,886	Sundance
Willow Moon	Desert Star	Lyra	575	17,098	Sundance
Lyra	Desert Star	Waterleaf	1,205	35,646	Sundance
Waterleaf	Lyra	Cul-de-sac	646	22,588	Sundance
Bottlebrush	Cul-de-sac	Willowmoon	335	12,064	Sundance
Seagull	Waterleaf	Rain Lily	245	6,644	Sundance
Blazing Star	Rain liliy	Sunburst	248	6,815	Sundance
Sixth Street	Pennsylvania	Highland Springs	5,797	538,099	Sixth
Larkspur	Mariposa	Daisy	1,667	50,877	Sundance
Daisy	Larkspur	Amber Lily	453	13,599	Sundance
Amber Lily	Cul-de-sac	Daisy	752	24,934	Sundance
Ivy	Sundance	Larkspur	146	3,690	Sundance
Jade Moon	Emerald Moon	Sand Piper	232	6,605	Sundance
Sand Piper	Jade Moon	Moss Rose	802	24,529	Sundance
Moss Ross	Blue Star	Sand Piper	260	7,422	Sundance
Blue Star	Moss Rose	Sera Moon	583	17,569	Sundance
Gold Finch	Jade Moon	Sera Moon	275	7,867	Sundance
Sera Moon	Gold Finch	Sand Piper	705	21,116	Sundance
Sparrow	Cul-de-sac	Blue Star	545	18,848	Sundance
Emerald Moon	Starlight	Rigel	122	2,899	Sundance
Rogel	Spica	Pavo	913	27,587	Sundance
Pavo	Rigel	Apollo	317	9,332	Sundance
Spica	Apollo	Rigel	295	8,539	Sundance
Anser	Hadar	Apollo	240	6,475	Sundance
Apollo	Sunburst	Pavo	1,148	35,208	Sundance

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Street Name	From	To	Length (ft)	Area (sf)	Location
Hadar	Cul-de-sac	Anser	330	12,389	Sundance

Fiscal Impact:

The Annual Citywide Street Rehabilitation and Maintenance FY21/22 Projects will be funded per CIP R-08 and R-09, utilizing SB-1 and Measure A funding, respectively. 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 FY21/22 Project CIP R-08 and R-09, and
Authorize the Public Works Director to Finalize the Bid Package and Solicit Bids for the Project.

Attachments:

- A. FY21/22 CIP Preliminary Streets Exhibit