

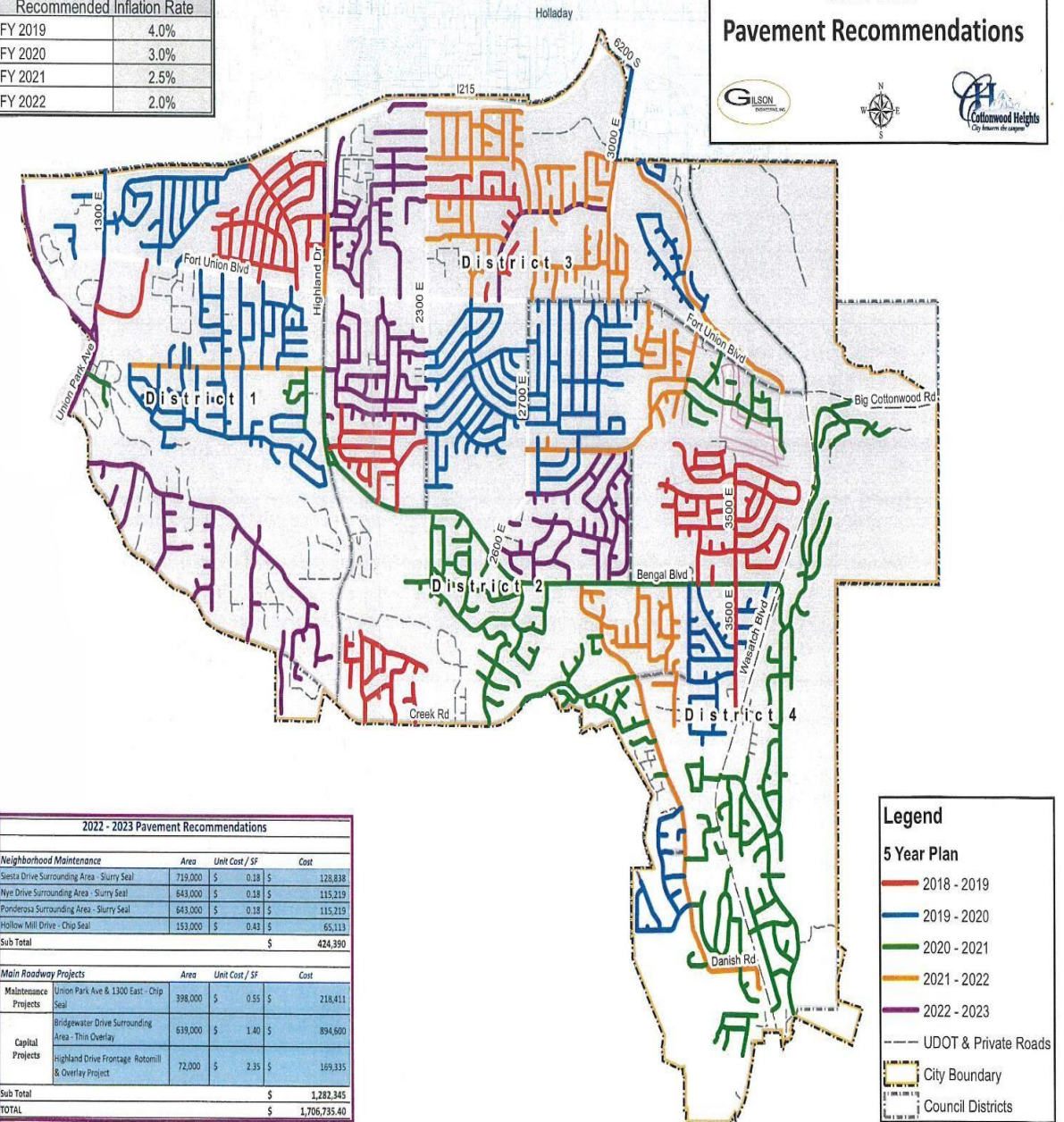
Public Works Department

August 3, 2021 Quarterly Report

Five Year Road Maintenance Plan Year 3 FY 2020/2021

2018 - 2019 Pavement Recommendations			
Neighborhood Maintenance	Area	Unit Cost / SF	Cost
Yellow Scrum Drive Surrounding Area - Slurry Seal	305,000	\$ 0.16	\$ 48,800
102nd St Drive Surrounding Area - Slurry Seal	275,880	\$ 0.16	\$ 44,141
1787 South Surrounding Area - Slurry Seal	280,000	\$ 0.16	\$ 44,800
19500 East Surrounding Area - Slurry Seal	715,300	\$ 0.16	\$ 114,448
102nd St Drive Surrounding Area - Slurry Seal	544,300	\$ 0.16	\$ 87,120
102nd St Drive Surrounding Area - Slurry Seal	112,500	\$ 0.43	\$ 48,375
Prep Work for 2018 - 2020 Projects	1	\$ 186,361.30	\$ 186,361
Sub Total			\$ 566,045
Main Roadway Projects			
Maintenance Projects	Area	Unit Cost / SF	Cost
1500 East - Chip Seal	212,000	\$ 0.43	\$ 91,400
Capital Projects	Area	Unit Cost / SF	Cost
Park Centre Drive - 2.5 inch Rotomill and Overlay with Pavement Fabric	74,500	\$ 2.25	\$ 167,625
Sub Total			\$ 281,025
TOTAL			\$ 847,070.00
2019 - 2020 Pavement Recommendations			
Neighborhood Maintenance	Area	Unit Cost / SF	Cost
6000 Road Surrounding Area	238,000	\$ 0.17	\$ 40,460
Parkridge Drive Surrounding Area	668,000	\$ 0.17	\$ 113,560
13000 East Surrounding Area	610,000	\$ 0.17	\$ 103,700
17000 East Surrounding Area	440,000	\$ 0.17	\$ 74,800
17200/2300 East Surrounding Area	1,630,000	\$ 0.17	\$ 277,100
15000 East Surrounding Area	405,000	\$ 0.17	\$ 68,850
Prep Work for 2019 - 2021 Projects	1	\$ 128,485.60	\$ 128,486
Sub Total			\$ 792,896
Main Roadway Projects			
Maintenance Projects	Area	Unit Cost / SF	Cost
Station Drive - 2.5 inch Rotomill/Fabric Overlay	229,000	\$ 2.60	\$ 595,400
Capital Projects	Area	Unit Cost / SF	Cost
1000 East (H&T) & Public Works Intersection - 2 inch Rotomill and Overlay	74,000	\$ 2.18	\$ 161,312
Sub Total			\$ 757,016
TOTAL			\$ 1,549,912.00
2020 - 2021 Pavement Recommendations			
Neighborhood Maintenance	Area	Unit Cost / SF	Cost
6000 Road Surrounding Area	1,107,000	\$ 0.17	\$ 188,190
Kings Hill Surrounding Area	1,777,000	\$ 0.17	\$ 302,090
Prep Work for 2021 - 2022 Projects	1	\$ 241,013.94	\$ 241,014
Sub Total			\$ 731,294
Main Roadway Projects			
Maintenance Projects	Area	Unit Cost / SF	Cost
Bengal Blvd Reclamite	704,000	\$ 0.14	\$ 98,560
Highland Drive Overlay	161,000	\$ 0.75	\$ 120,750
19500 East Surrounding Area Overlay w/ rotomill	81,000	\$ 2.25	\$ 182,250
Capital Projects	Area	Unit Cost / SF	Cost
Reindeer Drive Surrounding Area Overlay w/ rotomill	261,000	\$ 2.25	\$ 587,125
Sub Total			\$ 988,675
TOTAL			\$ 1,726,875.46
2021 - 2022 Pavement Recommendations			
Neighborhood Maintenance	Area	Unit Cost / SF	Cost
6000 South Area - Slurry Seal	221,000	\$ 0.18	\$ 39,780
Barbary Drive Area - Slurry Seal	471,000	\$ 0.18	\$ 84,780
Pine View Area - Slurry Seal	270,000	\$ 0.18	\$ 48,600
Southdown Ave. Area - Slurry Seal	200,000	\$ 0.18	\$ 36,000
Deer Creek Area - Slurry Seal	341,000	\$ 0.18	\$ 61,380
Stoney Hill Area - Overlay	194,000	\$ 2.30	\$ 447,120
6000 Road Slurry Seal	1,146,000	\$ 0.18	\$ 206,280
Prep Work for 2022 - 2023 Projects	1	\$ 230,040.00	\$ 230,040
Sub Total			\$ 974,070
Main Roadway Projects			
Maintenance Projects	Area	Unit Cost / SF	Cost
7200 South & 8000 East Chip Seal	302,000	\$ 0.42	\$ 126,840
Capital Projects	Area	Unit Cost / SF	Cost
Chip Seal & Slurry Seal - Danish Road	828,000	\$ 0.47	\$ 389,260
Highland Drive - Rotomill and Overlay	210,000	\$ 2.58	\$ 541,800
Sub Total			\$ 1,057,900
TOTAL			\$ 1,779,201.94

UDOT Construction Recommended Inflation Rate	
FY 2019	4.0%
FY 2020	3.0%
FY 2021	2.5%
FY 2022	2.0%



2022 - 2023 Pavement Recommendations			
Neighborhood Maintenance	Area	Unit Cost / SF	Cost
Santa Drive Surrounding Area - Slurry Seal	719,000	\$ 0.18	\$ 129,420
Nye Drive Surrounding Area - Slurry Seal	643,000	\$ 0.18	\$ 115,740
Ponderosa Surrounding Area - Slurry Seal	643,000	\$ 0.18	\$ 115,740
Hollow Mill Drive - Chip Seal	153,000	\$ 0.43	\$ 65,790
Sub Total			\$ 426,690
Main Roadway Projects			
Maintenance Projects	Area	Unit Cost / SF	Cost
Union Park Ave & 1300 East - Chip Seal	398,000	\$ 0.55	\$ 218,900
Capital Projects	Area	Unit Cost / SF	Cost
Bridgewater Drive Surrounding Area - Thin Overlay	618,000	\$ 1.40	\$ 865,200
Highland Drive Frontage Rotomill & Overlay Project	72,000	\$ 2.35	\$ 169,320
Sub Total			\$ 1,253,420
TOTAL			\$ 1,706,735.40

Five Year Road
Maintenance Plan
Year 3
FY 2020/2021

Crack Sealing
119 Tons of Material
35 Tons in the Fall
84 Tons in the Spring



Crack Seal Project



Five Year Road
Maintenance Plan
Year 3
FY 2020/2021

Slurry Seal
2,700,000 Square Feet
17 miles



Slurry Seal Project

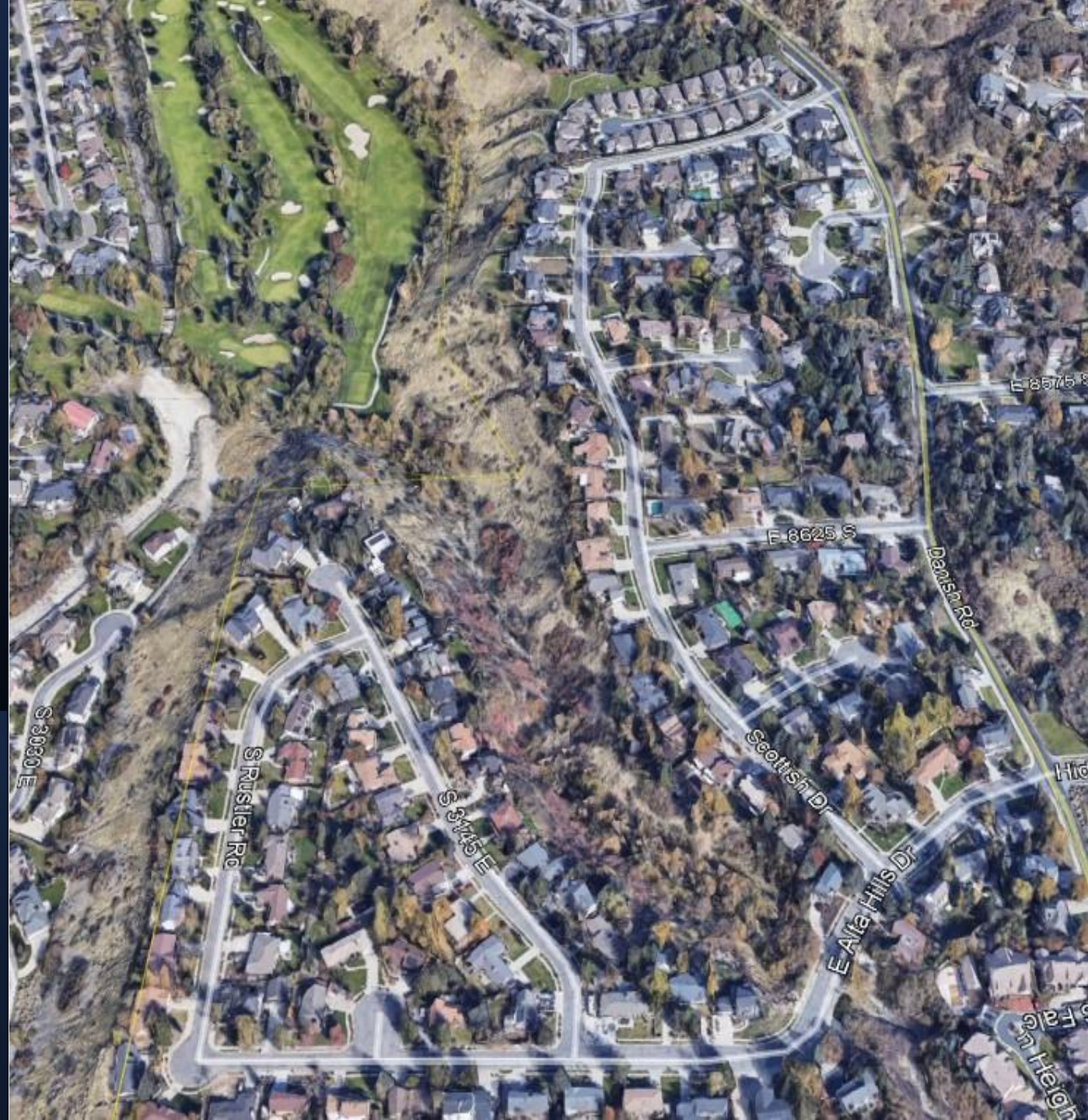


Slurry Seal Project



Five Year Road Maintenance
Plan
Year 3
FY 2020/2021

Scottish Drive Area
Reconstruction
187,880 SF
2,100 LF Curb and Gutter
4 New Waterways
13 New ADA Ramps



Five Year Road
Maintenance Plan
Year 3
FY 2020/2021

Scottish Drive Area
Reconstruction



Five Year Road
Maintenance Plan
Year 3
FY 2020/2021

Scottish Drive
Reconstruction



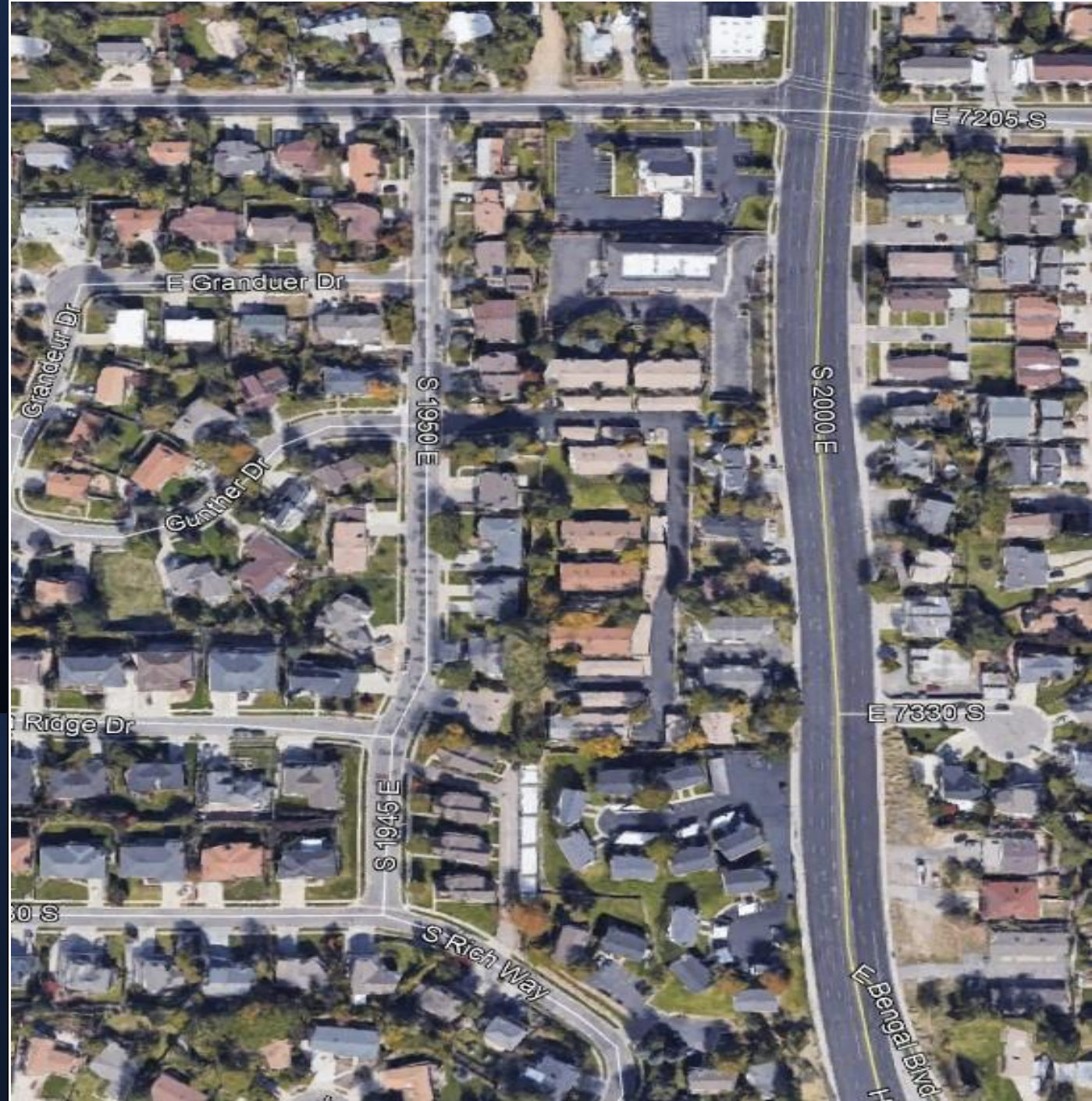
Five Year Road
Maintenance Plan
Year 3
FY 2020/2021

Scottish Drive
Reconstruction



Five Year Road
Maintenance Plan
Year 3
FY 2020/2021

1950 East
Reconstruction
36,780 SF
500 LF Curb and Gutter
6 New Waterways
10 New ADA



Five Year Road
Maintenance Plan
Year 3
FY 2020/2021

1950 East
Reconstruction



Five Year Road
Maintenance Plan
Year 3
FY 2020/2021

1950 East
Reconstruction



Five Year Road Maintenance Plan

Year 3

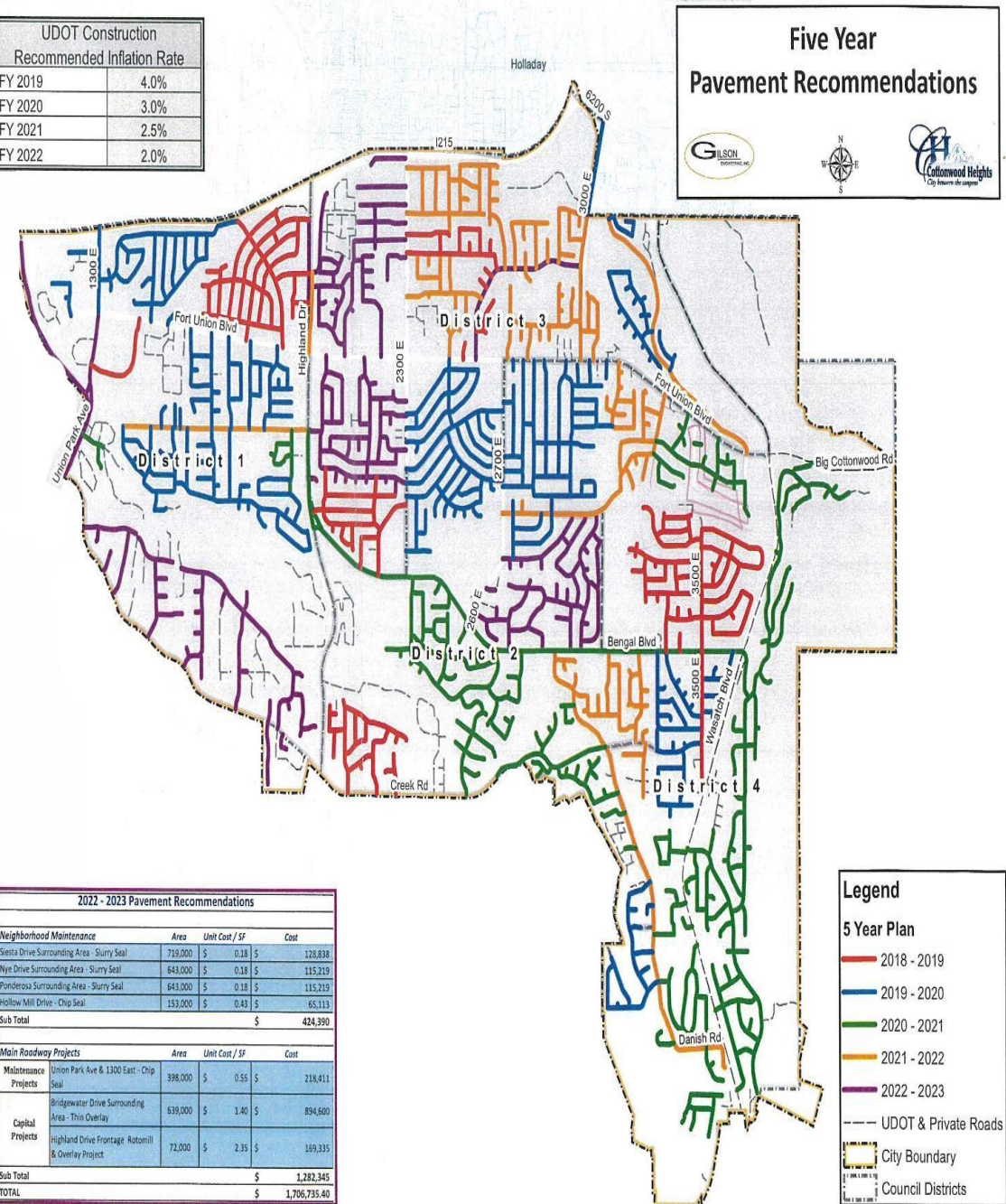
FY 2020/2021

Racquet Club Area
Reconstruction
242, 200 SF

Alpen Way
Reconstruction
82,000 SF

2018 - 2019 Pavement Recommendations				
Neighborhood Maintenance		Area	Unit Cost / SF	Cost
Willow Stream Drive Surrounding Area - Slurry Seal		305,000	\$ 0.16	\$ 48,800
East of 30th Drive Surrounding Area - Slurry Seal		275,880	\$ 0.16	\$ 44,141
1710 South Surrounding Area - Slurry Seal		200,000	\$ 0.16	\$ 36,000
1500 East Surrounding Area - Slurry Seal		715,300	\$ 0.16	\$ 114,448
Greenfield Surrounding Area - Slurry Seal		344,300	\$ 0.16	\$ 55,088
Greenfield Way - Chip Seal		112,500	\$ 0.43	\$ 48,375
Prep Work for 2019 - 2020 Projects		1	\$ 186,961.20	\$ 186,961
Sub Total				\$ 586,645
Main Roadway Projects				
Maintenance Projects		Area	Unit Cost / SF	Cost
	3500 East - Chip Seal	252,000	\$ 0.45	\$ 113,400
Capital Projects				
	Park Centre Drive - 2.5 inch Rotomill and Overlay with Pavement Fabric	74,500	\$ 2.25	\$ 167,625
Sub Total				\$ 281,025
TOTAL				\$ 867,670.00
2019 - 2020 Pavement Recommendations				
Neighborhood Maintenance		Area	Unit Cost / SF	Cost
BCC Road Surrounding Area		238,000	\$ 0.17	\$ 39,870
Parkridge Drive Surrounding Area		668,000	\$ 0.17	\$ 113,555
1300 East Surrounding Area		610,000	\$ 0.17	\$ 103,554
1700 East Surrounding Area		440,000	\$ 0.17	\$ 74,716
1200/1300 East Surrounding Area		1,658,000	\$ 0.17	\$ 281,860
1500 East Surrounding Area		405,000	\$ 0.17	\$ 68,850
Prep Work for 2020 - 2021 Projects		1	\$ 125,465.60	\$ 125,466
Sub Total				\$ 793,895
Main Roadway Projects				
Maintenance Projects		Area	Unit Cost / SF	Cost
	Scottish Drive - 2.5 inch Rotomill/Fabric Overlay	229,000	\$ 2.60	\$ 595,400
Capital Projects				
	2000 East (Hwy) & Public Works Intersection - 2 inch Rotomill and Overlay	74,000	\$ 2.18	\$ 161,316
Sub Total				\$ 757,016
TOTAL				\$ 1,549,912.00
2020 - 2021 Pavement Recommendations				
Neighborhood Maintenance		Area	Unit Cost / SF	Cost
Oak Creek Drive Surrounding Area		1,107,000	\$ 0.17	\$ 188,191
Kings Hill Surrounding Area		1,771,000	\$ 0.17	\$ 303,595
Prep Work for 2021 - 2022 Projects		1	\$ 241,013.94	\$ 241,014
Sub Total				\$ 734,780
Main Roadway Projects				
Maintenance Projects		Area	Unit Cost / SF	Cost
	Bengal Blvd Rotomill	704,000	\$ 0.14	\$ 98,560
	Highland Drive Drive	655,000	\$ 0.25	\$ 163,750
Capital Projects				
	1900 East Surrounding Area Overlay w/ rotomill	83,000	\$ 2.25	\$ 186,750
	Rainbow Drive Surrounding Area Overlay w/ rotomill	261,000	\$ 2.25	\$ 587,225
Sub Total				\$ 992,595
TOTAL				\$ 1,726,875.46
2021 - 2022 Pavement Recommendations				
Neighborhood Maintenance		Area	Unit Cost / SF	Cost
6620 South Area - Slurry Seal		222,000	\$ 0.18	\$ 39,960
Barbury Drive Area - Slurry Seal		471,000	\$ 0.18	\$ 84,780
Pine View Area - Slurry Seal		270,000	\$ 0.18	\$ 48,600
Sandown Ave Area - Slurry Seal		200,000	\$ 0.18	\$ 36,000
Deer Creek Area - Slurry Seal		341,000	\$ 0.18	\$ 61,380
Stone Mill Area - Overlay		194,000	\$ 2.31	\$ 447,311
BCC Road Slurry Seal		186,000	\$ 0.18	\$ 33,480
Prep Work for 2022 - 2023		1	\$ 230,040.00	\$ 230,040
Sub Total				\$ 974,075
Main Roadway Projects				
Maintenance Projects		Area	Unit Cost / SF	Cost
	1220 South & 3000 East Chip Seal	302,000	\$ 0.42	\$ 126,840
Capital Projects				
	Chip Seal & Slurry Seal - Danish Road	329,000	\$ 0.42	\$ 137,980
	Highland Drive - Rotomill and Overlay	210,000	\$ 2.58	\$ 541,800
Sub Total				\$ 806,120
TOTAL				\$ 1,779,201.54

UDOT Construction Recommended Inflation Rate	
FY 2019	4.0%
FY 2020	3.0%
FY 2021	2.5%
FY 2022	2.0%



Capital Projects

Round-About Update (Bid October)

Ferguson Canyon Park (Bid September)

City Striping (Bid August)

2021/2022 Five Year Projects

2600 East Sidewalk (Design)

1700 East Sidewalk (Contract at next council)

TRCC: Big Cottonwood Trail Reconstruction

TRCC: Way Finding Trail Signs

