




**Public Works Department
Office of the Director**

To: Mayor and Board of Commissioners

From: Tom Funcheon, Public Works Director 

Date: December 11, 2018

Subject: Approval of FY 2018 – 2019 Asphalt Street Repaving Program

RECOMMENDATION

That the Mayor and Board of Commissioners approve the attached prioritized FY 2018 – 2019 Asphalt Street Repaving List.

Background:

The Public Works Department is preparing to implement the Asphalt Street Repaving Program. We have completed a prioritized listing based on technical criteria, and we recommend that the repaving work be completed in the order of the prioritized list in the amount of \$260,000.

Funding:

301-8402-541.63, project # TR1902, \$160,000

307-8603-541.63, project # TR1902, \$100,000

Attached: Asphalt Repaving List
Asphalt Repaving Rating Forms



FY 2018-2019 ASPHALT REPAVING LIST

	LOCATION	LENGTH	WIDTH	S.F.	S.Y.	APPLICATION	STOP BAR	STRIPING
1	Riverside Dr. from Sunset Dr. to Florida Ave.	2550	25	56,250	6,250	Dbl Micro	2	Yes
2	Riverside Dr. from Florida Ave. to Seabreeze Dr.	4100	35	143,500	15,945	Dbl Micro	1	Yes
3	Riverside Dr. from Seabreeze Dr. to McChesney Dr.	1700	25	42,500	4,722	Dbl Micro	0	Yes
4	Athens St. from Pinellas Ave. to Mill St.	1300	30	39,000	4,334	1" Overlay	4	No
5	Alleyway from Lime St. to Bay St.	600	12	7,200	800	1" Overlay	2	No
6	Alleyway from Ring Ave. to Grosse Ave.	230	12	2,760	76	1" Overlay	0	No
7	Alleyway from Lemon St. to Lime St.	650	12	7,800	8,678	1" Overlay	2	No
8	Lonesome Pine Ln. from Highland Ave. to End	1100	25	27,500	3,055	1" Overlay	2	No
9	Hibiscus St. from Live Oak St. to End	360	20	6,923	769	1" Overlay	1	No



Public Works Department Asphalt Repaving Rating Form

Street: Riverside Dr. From: Sunset Dr. To: Florida Ave.

Length: 2,550 Lf. Width: 25 Ft. Area: 56,250 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT	0-5	RATING
Transverse Cracks	0-5	<u>1</u>
Longitudinal Cracks	0-5	<u>1</u>
Alligator Cracks	0-10	<u>1</u>
Shrinkage Cracks	0-5	<u>1</u>
Rutting	0-10	<u>1</u>
Corrugations	0-5	<u>0</u>
Raveling	0-5	<u>1</u>
Shoving or Pushing	0-10	<u>0</u>
Pot Holes	0-10	<u>1</u>
Excess Asphalt	0-10	<u>1</u>
Bleeding Asphalt	0-10	<u>0</u>
Polished Aggregate	0-5	<u>3</u>
Deficient Drainage	0-10	<u>0</u>
Past History	0-10	<u>4</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>5</u>
Sum of Defects =		<u>20</u>
100		
(-) Sum of Defects	Condition Rating =	<u>80</u>
= Condition Rating		

Comment: This street is earmarked for micro surfacing. Will require minimal striping.



Public Works Department Asphalt Repaving Rating Form

Street: Riverside Dr. From: Florida Ave. To: Seabreeze Dr.

Length: 4,100 Lf. Width: 35 Ft. Area: 143,500 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT		RATING
Transverse Cracks	0-5	<u>1</u>
Longitudinal Cracks	0-5	<u>1</u>
Alligator Cracks	0-10	<u>1</u>
Shrinkage Cracks	0-5	<u>1</u>
Rutting	0-10	<u>1</u>
Corrugations	0-5	<u>0</u>
Raveling	0-5	<u>1</u>
Shoving or Pushing	0-10	<u>0</u>
Pot Holes	0-10	<u>1</u>
Excess Asphalt	0-10	<u>1</u>
Bleeding Asphalt	0-10	<u>0</u>
Polished Aggregate	0-5	<u>3</u>
Deficient Drainage	0-10	<u>0</u>
Past History	0-10	<u>4</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>5</u>

Sum of Defects = 20

100
 (-) Sum of Defects
 = Condition Rating

Condition Rating = 80

Comment: This street is earmarked for micro surfacing. Will require minimal striping.



Public Works Department Asphalt Repaving Rating Form

Street: Riverside Dr. From: Seabreeze Dr. To: McChesney Dr.

Length: 1,700 Lf. Width: 25 Ft. Area: 42,500 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT		RATING
Transverse Cracks	0-5	<u>1</u>
Longitudinal Cracks	0-5	<u>1</u>
Alligator Cracks	0-10	<u>1</u>
Shrinkage Cracks	0-5	<u>1</u>
Rutting	0-10	<u>1</u>
Corrugations	0-5	<u>0</u>
Raveling	0-5	<u>1</u>
Shoving or Pushing	0-10	<u>0</u>
Pot Holes	0-10	<u>1</u>
Excess Asphalt	0-10	<u>1</u>
Bleeding Asphalt	0-10	<u>0</u>
Polished Aggregate	0-5	<u>3</u>
Deficient Drainage	0-10	<u>0</u>
Past History	0-10	<u>4</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>5</u>
Sum of Defects =		<u>20</u>
100		
(-) Sum of Defects	Condition Rating =	<u>80</u>
= Condition Rating		

Comment: This street is earmarked for micro surfacing. Will require minimal striping.



Public Works Department Asphalt Repaving Rating Form

Street: Athens St. From: Pinellas Ave. To: Mill St.

Length: 1,300 Lf. Width: 30 Ft. Area: 39,000 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT		RATING
Transverse Cracks	0-5	<u>3</u>
Longitudinal Cracks	0-5	<u>3</u>
Alligator Cracks	0-10	<u>3</u>
Shrinkage Cracks	0-5	<u>3</u>
Rutting	0-10	<u>5</u>
Corrugations	0-5	<u>2</u>
Raveling	0-5	<u>2</u>
Shoving or Pushing	0-10	<u>4</u>
Pot Holes	0-10	<u>6</u>
Excess Asphalt	0-10	<u>2</u>
Bleeding Asphalt	0-10	<u>2</u>
Polished Aggregate	0-5	<u>3</u>
Deficient Drainage	0-10	<u>1</u>
Past History	0-10	<u>7</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>7</u>
Sum of Defects =		<u>53</u>
100	(-) Sum of Defects	Condition Rating =
= Condition Rating		<u>47</u>

Comment: This street is earmarked for 1 inch overlay. No striping is required.



Public Works Department Asphalt Repaving Rating Form

Street: Alleyway From: Lime St. To: Bay St.

Length: 600 Lf. Width: 12 Ft. Area: 7,200 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT	0-5	RATING
Transverse Cracks	0-5	<u>0</u>
Longitudinal Cracks	0-5	<u>0</u>
Alligator Cracks	0-10	<u>0</u>
Shrinkage Cracks	0-5	<u>3</u>
Rutting	0-10	<u>0</u>
Corrugations	0-5	<u>0</u>
Raveling	0-5	<u>0</u>
Shoving or Pushing	0-10	<u>0</u>
Pot Holes	0-10	<u>7</u>
Excess Asphalt	0-10	<u>0</u>
Bleeding Asphalt	0-10	<u>0</u>
Polished Aggregate	0-5	<u>0</u>
Deficient Drainage	0-10	<u>3</u>
Past History	0-10	<u>7</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>6</u>
	Sum of Defects =	<u>26</u>
100	(-) Sum of Defects	<u>74</u>
	= Condition Rating	

Comments: This alleyway services handicap residents who have limited access. Constant regrading has moved this to a "must need".



Public Works Department Asphalt Repaving Rating Form

Street: Alleyway From: Ring Ave. To: Grosse Ave.

Length: 230 Lf. Width: 12 Ft. Area: 2,760 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT	0-5	RATING
Transverse Cracks	0-5	<u>1</u>
Longitudinal Cracks	0-5	<u>1</u>
Alligator Cracks	0-10	<u>1</u>
Shrinkage Cracks	0-5	<u>1</u>
Rutting	0-10	<u>1</u>
Corrugations	0-5	<u>0</u>
Raveling	0-5	<u>1</u>
Shoving or Pushing	0-10	<u>0</u>
Pot Holes	0-10	<u>5</u>
Excess Asphalt	0-10	<u>1</u>
Bleeding Asphalt	0-10	<u>0</u>
Polished Aggregate	0-5	<u>3</u>
Deficient Drainage	0-10	<u>0</u>
Past History	0-10	<u>4</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>5</u>
	Sum of Defects =	<u>24</u>
100	(-) Sum of Defects	
= Condition Rating	Condition Rating =	<u>76</u>

Comments: This alleyway is partially graveled and asphalted. Only minimal resurfacing is necessary, which will save money on maintenance.



Public Works Department Asphalt Repaving Rating Form

Street: Alleyway From: Lemon St. To: Lime St.

Length: 650 Lf. Width: 12 Ft. Area: 7,800 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT	0-5	RATING
Transverse Cracks	0-5	<u>1</u>
Longitudinal Cracks	0-5	<u>1</u>
Alligator Cracks	0-10	<u>1</u>
Shrinkage Cracks	0-5	<u>1</u>
Rutting	0-10	<u>1</u>
Corrugations	0-5	<u>0</u>
Raveling	0-5	<u>1</u>
Shoving or Pushing	0-10	<u>0</u>
Pot Holes	0-10	<u>1</u>
Excess Asphalt	0-10	<u>1</u>
Bleeding Asphalt	0-10	<u>0</u>
Polished Aggregate	0-5	<u>3</u>
Deficient Drainage	0-10	<u>0</u>
Past History	0-10	<u>4</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>7</u>
Sum of Defects =		<u>22</u>
100		
(-) Sum of Defects	Condition Rating =	<u>78</u>
= Condition Rating		

Comment: This alleyway requires 1 inch resurfacing, and no striping is required.



Public Works Department Asphalt Repaving Rating Form

Street: Lonesome Pine Ln. From: Highland Ave. To: End

Length: 1,100 Lf. Width: 25 Ft. Area: 27,500 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT	0-5	RATING
Transverse Cracks	0-5	<u>2</u>
Longitudinal Cracks	0-5	<u>1</u>
Alligator Cracks	0-10	<u>4</u>
Shrinkage Cracks	0-5	<u>2</u>
Rutting	0-10	<u>0</u>
Corrugations	0-5	<u>1</u>
Raveling	0-5	<u>1</u>
Shoving or Pushing	0-10	<u>0</u>
Pot Holes	0-10	<u>3</u>
Excess Asphalt	0-10	<u>1</u>
Bleeding Asphalt	0-10	<u>0</u>
Polished Aggregate	0-5	<u>3</u>
Deficient Drainage	0-10	<u>0</u>
Past History	0-10	<u>4</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>5</u>
	Sum of Defects =	<u>27</u>
100	Condition Rating =	<u>73</u>
(-) Sum of Defects		
= Condition Rating		

Comment: This street is earmarked for 1 inch overlay. No striping is required.



Public Works Department Asphalt Repaving Rating Form

Street: Hibiscus St. From: Live Oak St. To: End

Length: 360 Lf. Width: 20 Ft. Area: 6,923 sq. ft.

Rater: Tom Funcheon Date: 8/1/18

(Note: A rating of "0" indicates defect does not exist)

DEFECT	0-5	RATING
Transverse Cracks	0-5	<u>1</u>
Longitudinal Cracks	0-5	<u>1</u>
Alligator Cracks	0-10	<u>1</u>
Shrinkage Cracks	0-5	<u>1</u>
Rutting	0-10	<u>1</u>
Corrugations	0-5	<u>0</u>
Raveling	0-5	<u>1</u>
Shoving or Pushing	0-10	<u>0</u>
Pot Holes	0-10	<u>5</u>
Excess Asphalt	0-10	<u>1</u>
Bleeding Asphalt	0-10	<u>0</u>
Polished Aggregate	0-5	<u>3</u>
Deficient Drainage	0-10	<u>0</u>
Past History	0-10	<u>1</u>
Overall Riding Quality (0 = excellent, 10 = poor)	0-10	<u>7</u>
	Sum of Defects =	<u>23</u>
100	(-) Sum of Defects	=
= Condition Rating	Condition Rating =	<u>77</u>

Comments: This alleyway dead ends at water and we are constantly filling potholes and shoulders.