

Attachment D

MIAMI BEACH

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139, www.miamibeachfl.gov

TRANSPORTATION & MOBILITY DEPARTMENT
Tel: 305-673-7514

October 22, 2024

Field Visit Analysis

SUBJECT: Damaged Green Bicycle Lanes Analysis Throughout the City of Miami Beach

Background Data:

- Current Green Bicycle Lanes Map:



Field Visit Analysis:

Field visits were conducted on May 25, 2024 and May 26, 2024.

We are committed to providing excellent public service and safety to all who live, work, and play in our vibrant, tropical, historic community.

1. **172-244 Alton Road:**
Green striping is peeling off



2. **3047 Prairie Avenue; 3737 Prairie Avenue; 4137 N Meridian Avenue:**
Missing green striping through the intersection and faded in multiple locations.



3. **4491 Royal Palm Avenue; 889 W 47 Street:**
Tree roots are exposed and causing a hazard for bicyclists. Damaged pavement and creating bumps in the bicycle lane.



4. **859-891 W 47 Street; 4235 Prairie Avenue:**
Asphalt cuts and bicycle lane was not restored



5. **2915 Prairie Avenue – 3047 Prairie Avenue**
Green striping is missing or faded in multiple sections of the bike lane, with some areas potentially damaged or paved over by a contractor.





6. **3047 Prairie Avenue – 3711 Prairie Avenue**

The green striping through the bicycle lane is missing or faded in several locations, possibly due to damage or being paved over by contractors. Additionally, there are inconsistencies in the shade of green paint used in some areas.



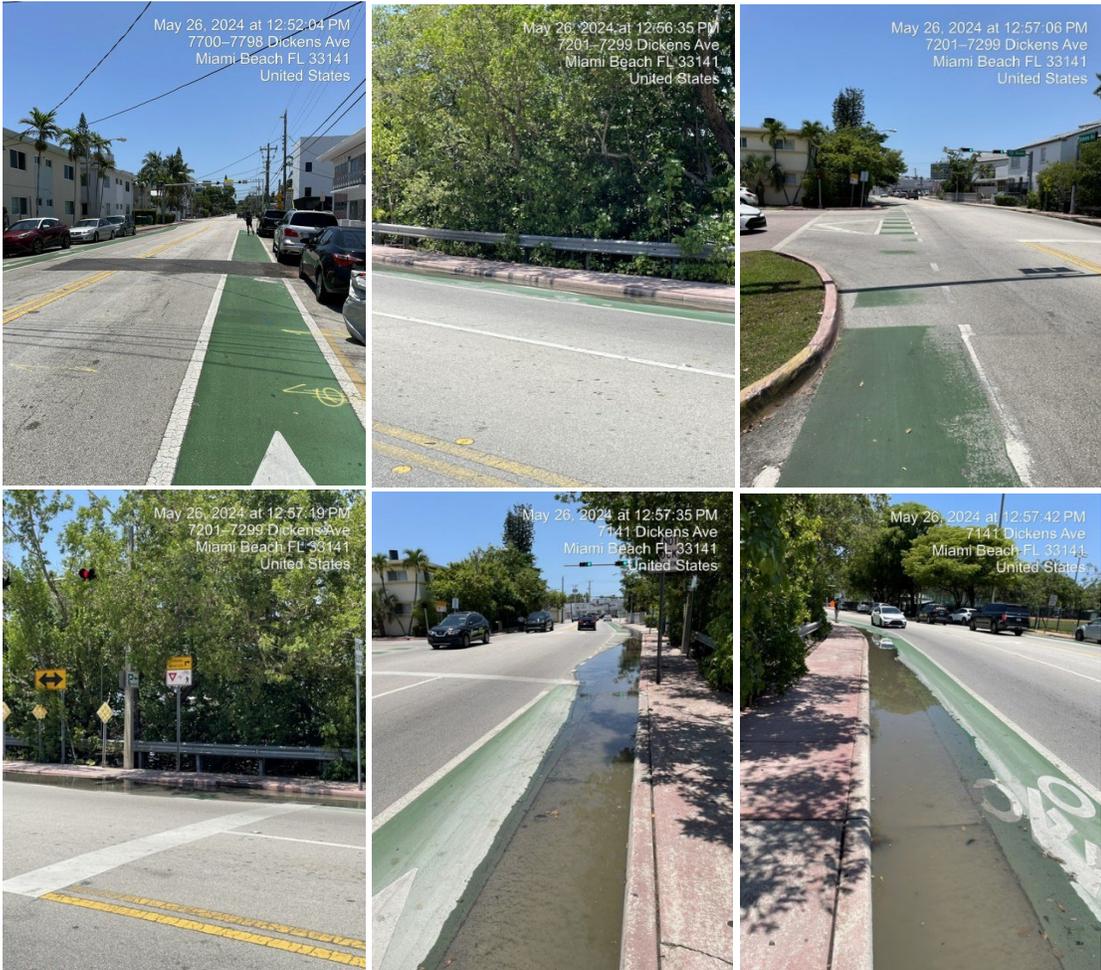
7. **4293 Prairie Avenue**

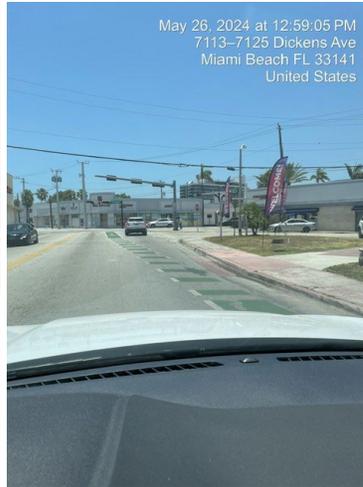
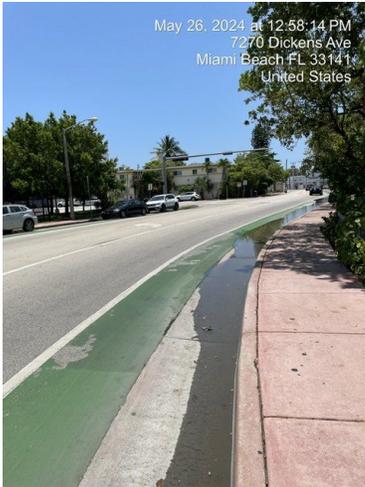
The green bicycle facility is faded due to age and wear from adjacent driveways, and the asphalt is failing and splitting, causing a rut that eventually may be wide enough for bicycle tires to become stuck inside of while riding, potentially causing an accident and creating a liability for the City.



8. **7113 Dickens Avenue – 7798 Dickens Avenue**

Green striping in the bicycle lane is missing and faded in several areas. Water ponding issue.





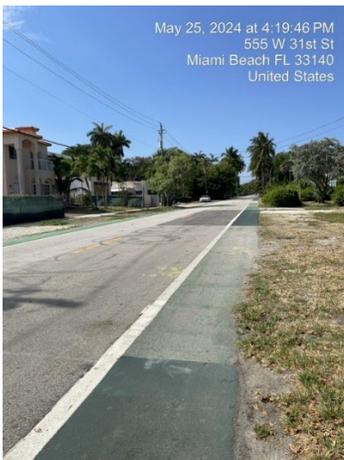
9. **700 78th Street**

Green striping removed during contractor utility work; contractor is responsible for restoring the original striping.



10. **555 W 31st Street**

Green striping is missing or faded in multiple sections of the bicycle lane, and there are inconsistencies in the shade of green paint used in some areas.



11. 104 8th Street – 146 8th Street – 198 8th Street

Missing green striping through the bicycle lane and faded in multiple locations



12. 4461-4578 Royal Palm Avenue

Royal Palm Avenue east and west bike lane pair has significant fading throughout, with several different instances of failing asphalt, construction work not restored properly, overgrown grass/soil in the bike lane, and general but significant faded green pavement markings throughout due to age and wear from the many driveways that traverse this bike lane.





13. **353-359 W 47th Street**

This bike facility suffers from overgrown grass and soil, faded markings due to cars traversing into private parking lots, fading due to age, and missing sections within the lane due to construction work not restored properly.



14. 1040-1073 W 47th Street

Portions of the bike lane are faded due to age, portions are missing due to construction work not restored properly, and portions have failing asphalt that has created potholes within the bike lane.



15. 4137-4165 N Meridian Avenue

Bicycle lane not restored properly, and the asphalt is missing at the edge causing tripping hazard. The bicycle lane restored south of the missing paint section has a different width than the north side.



16. **555 W 41st Street**

A small but impactful pothole is created as the result of construction work not restored properly.



Conclusion:

Transportation and Mobility staff recommend the assistance from other departments such as Public Works and Greenspace to address the repairs needed prior to restriping the green bicycle lanes. Transportation and Mobility staff will be able to reach out to one of the rotational contractors the City of Miami Beach has a contract with to restripe the green bicycle lanes. The contractors are using multiple types of green paint making our bicycle lanes inconsistent. Transportation and Mobility staff recommend using the same paint throughout the City.

Green Bicycle Lanes Tracking Sheet
Transportation and Mobility Department

Location #	PM	Location/Address	Type of Damage to Green Bicycle Lane	Quantity (SF)	Maintenance Request Date
1	Grant	148-198 8th Street	Faded due to age	175	
2	Grant	4469 Royal Palm Avenue	Faded due to age	225	
3	Grant	4461 Royal Palm Avenue	Faded due to age	85	
4	Grant	4469 Royal Palm Avenue (2)	Faded due to age	70	
5	Grant	4491 Royal Palm Avenue	Faded due to age	260	
6	Grant	4491 Royal Palm Avenue (2)	Faded due to age	260	
7	Grant	4491 Royal Palm Avenue (3)	Faded due to age	260	
8	Grant	4491 Royal Palm Avenue (4)	Faded due to age	260	
9	Grant	4515 Royal Palm Avenue (1)	Faded due to age	235	
10	Grant	4511 Royal Palm Avenue (2)	Faded due to age - driveway entrance	175	
11	Grant	4540 Royal Palm Avenue	Faded due to age - driveway entrance	175	
12	Grant	4539 Royal Palm Avenue	Faded due to age	145	
13	Grant	4578 Royal Palm Avenue	Faded due to age	480	
14	Grant	4545 Royal Palm Avenue (1)	Faded due to age	360	
15	Grant	4545 Royal Palm Avenue (Crossbike Markings)	Faded due to age	185	
16	Grant	353 W 47th Street	Not restored properly	605	
17	Grant	359 W 47th Street	Overgrown grass/soil	425	
18	Grant	859 W 47th Street	Not restored properly	100	
19	Grant	901 W 47th Street	Asphalt failing/driveway/age	425	
20	Grant	889 W 47th Street (1)	Was never painted green/limit lines faded due to age	415	
21	Grant	889 W 47th Street (2)	Was never painted green/age/tree roots/asphalt failing	415	
22	Grant	1073-1199 W 47th Street	Not restored properly	55	
23	Grant	1060 W 47th Street	Other - driveway entrance	20	
24	Grant	1049 W 47th Street (1)	Asphalt failing/age	60	
25	Grant	1040 W 4th Street (2)	Asphalt failing/age	60	
26	Grant	4137-4165 N Meridian Avenue	Not restored properly	230	
27	Grant	555 W 41st Street	Not restored properly	15	
28	Grant	4235 Prairie Avenue	Not restored properly	10	
29	Grant	4293 Prairie Avenue	Asphalt failing/age/driveway entrance	225	
30	Paola	315 W 47th Street	Faded due to age	48	
31	Paola	1001 Ocean Dr	Faded due to age /Asphalt failing /Not restored properly	1,086	
32	Paola	1001 Ocean Dr	Faded due to age	2,260	
33	Paola	940 Ocean Dr	Faded due to age / Not restored properly	330	
34	Paola	873 Ocean Dr / 800 Ocean Dr	Faded due to age	7,970	
35	Paola	200- 298 South Pointe Dr	Faded due to age	1,480	
36	Paola	141 Alton Rd	Faded due to age	2,050	
37	Paola	172 - 244 Alton Rd	Faded due to age	350	
38	Paola	172 - 244 Alton Rd	Faded due to age	1,566	

Green Bicycle Lanes Tracking Sheet
Transportation and Mobility Department

Location #	PM	Location/Address	Type of Damage to Green Bicycle Lane	Quantity (SF)	Maintenance Request Date
39	Paola	900-950 5th St (5 St FDOT Road)	Faded due to age	200	
40	Paola	135 Ocean Dr / 121 Ocean Dr	Faded due to age	1,100	
41	Paola	100 Ocean Dr	Faded due to age	3,070	
42	Paola	121 Ocean Dr	Faded due to age	1,040	
43	Paola	161 Ocean Dr	Faded due to age	150	
44	Paola	436 16th Street	Faded due to age / Not restored properly /Asphalt failing.	1,815	
45	Paola	436 16th Street	Faded due to age	1,342	
46	Paola	1001-1099 16 St	Asphalt failing	400	
47	Paola	1575 Alton Rd	Faded due to age / Asphalt failing	2,300	
48	Paola	1636 Meridian Ave	Faded due to age	16	
49	Paola	2800 Prairie Ave	Faded due to age	260	
50	Paola	2801 Prairie Ave	Faded due to age	385	
51	Paola	2801 Prairie Ave	Faded due to age	765	
52	Paola	2838 Prairie Ave	Faded due to age	239	
53	Paola	2839 Prairie Ave	Faded due to age / Not restored properly / Asphalt failing.	1,214	
54	Paola	2845 Prairie Ave	Faded due to age	300	
55	Paola	2905 Prairie Ave	Faded due to age	1,230	
56	Franklin	2915 Prairie Avenue	Faded due to age	300	
57	Franklin	2925 Prairie Avenue	Faded due to age	280	
58	Franklin	3001 Prairie Avenue	Faded due to age	350	
59	Franklin	3023 Prairie Avenue	Faded due to age	400	
60	Franklin	3047 Prairie Avenue	Faded due to age and Construction work	570	
61	Franklin	3165 Prairie Avenue	Faded due to age	150	
62	Franklin	3175 Prairie Avenue	Faded due to age	375	
63	Franklin	3711 Prairie Avenue	Faded due to age and Different shades of green	250	
64	Franklin	3737 Prairie Avenue	Faded due to age	60	
65	Franklin	7700-7798 Dickens Avenue	Faded due to age and Construction work	75	
66	Franklin	7201-7299 Dickens Avenue	Faded due to age	125	
67	Franklin	7141 Dickens Avenue	Faded due to age and ponding	1,670	
68	Franklin	7270 Dickens Avenue	Faded due to age and ponding	500	
69	Franklin	7113-7125 Dickens Avenue	Faded due to age	1,055	
70	Franklin	700 78th Street	Construction work	50	
71	Franklin	555 W 31st Street	Faded due to age	250	
72	Franklin	104-146 8th Street	Faded due to age	660	
Total Area				46,496	