Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments
NC-01	NASA CAUSEWAY	West KSC Boundary to the East Abutment of the Indian River Bridge (eastbound).	1.34	2	24	3	No	Stripes starting to fade. Pavement of the median across from the ORION jobsite is uneven. Eastbound lane across Indian River Bridge currently closed due to ongoing construction.
NC-02	NASA CAUSEWAY	West KSC Boundary to the East Abutment of the Indian River Bridge (westbound).	1.34	2	24	2	No	Markings faded. Some smaller pot holes throughout that will need patched.
NC-03	NASA PARKWAY WEST	East Abutment of the Indian River Bridge to Gate 3 (eastbound).	5.33	2	24	3	No	Stripes starting to fade. Pot holes near center of the lane. Road needs patched or replaced completely on the leftmost lane (closest to Gate 3 guardhouse). WON10146431 in progress to design a solution.
NC-04	NASA PARKWAY WEST	East Abutment of the Indian River Bridge to Gate 3 (westbound).	5.33	2	24	3	No	Pot hole at Gate 3 (approx 1' diameter). More pot holes from last year, severely cracked inside conc. lane.
NC-05	NASA PARKWAY WEST	Gate 3 to the East Abutment of the Kennedy Parkway/ NASA Causeway Bridge (eastbound).	2.33	2	24	2	No	Markings faded. Needs repainted.
NC-06	NASA PARKWAY WEST	Gate 3 to the East Abutment of the Kennedy Parkway/ NASA Causeway Bridge (westbound).	2.33	2	24	2	No	Markings faded. Needs repainted.
NC-07	NASA PARKWAY WEST	NASA Parkway/Kennedy Parkway Southwest Interchange Ramp	0.19	2	24	3	No	
NC-08	NASA PARKWAY EAST	NASA Parkway/Kennedy Parkway Southeast Interchange Ramp	0.25	1	12	3	No	
NC-09	NASA PARKWAY EAST	NASA Parkway/Kennedy Parkway Northeast Interchange Ramp	0.29	1	12	3	No	
NC-10	NASA PARKWAY WEST	NASA Parkway/Kennedy Parkway Northwest Interchange Ramp	0.19	1	12	3	No	
NC-11	NASA PARKWAY EAST	East Abutment of the Kennedy Parkway/NASA Causeway Bridge to the end of the 4-Lane Roadway (eastbound).	1.68	2	24	2	No	The concrete flume at the instersection of E Ave SE & NASA Pkwy needs repaired. EWR146216 (completed). Double white center line from east abutment to railroad.
NC-12	NASA PARKWAY EAST	East Abutment of the Kennedy Parkway/NASA Causeway Bridge to the end of the 4-Lane Roadway (westbound).	1.68	2	24	3	No	
NC-13	NASA PARKWAY EAST	End of the 4-lane Roadway to the KSC East Boundary.	3.72	2	24	2	No	Very faded from 2-lanes to Banana Bridge. Roadway dip @ Static Test Rd, dip warning signs installed for both directions. Markings are worse from 2-lane to Banana Bridge. Fissures through center on the eastmost section of the roadway. Pot hole (approx 1' diameter) in the north lane, 3 miles from western KSC boundary.
		TOTAL MILES =	**26.00**					

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments

NOTE: The following are the pavement marking Condition Code definitions:

5 - Excellent - no work required. Good for approximately 3-4 years. Pavement markings and Reflective Pavement Markers are in new condition. Over 95 percent of the markings do not exhibit cracking, fading or other damage and over 98 percent of the Reflective Pavement Markers are in place and functioning.
4 - Good - Only scheduled maintenance and/or condition monitoring required. Good for approximately 2-3 years. Pavement markings are generally beginning to exhibit minor isolated cracking, fading or other damage and/or approximately 10 percent or less of the Reflective Pavement Markers are either missing or not functioning.
3 - Fair - Minor repairs required. Repair or replace within approximately 2 years. Pavement markings are exhibiting minor to moderate cracking, fading or other damage and/or approximately 20 percent or less of the Reflective Pavement Markers are either missing or not functioning.
2 - Poor - Replacement or significant repairs required within approximately 1-2 years. Most pavement markings are exhibiting moderate to severe cracks, fading and other deterioration. Many of the Reflective Pavement Markers are either missing or not functioning properly.
1 - Bad - Replacement required within 6-2 months. The pavement markings are difficult to see or are mostly worn off the pavement and most of the Reflective Pavement Markers are either missing or not functioning.

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments
KP-01	Kennedy Parkway	KSC South Property Boundary to Gate 2 (northbound)	1.92	2	24	4	No	
KP-02	Kennedy Parkway	KSC South Property Boundary to Gate 2 (southbound)	1.92	2	24	4	No	
KP-03	Kennedy Parkway	Gate 2 to 5th Street SE (northbound)	0.82	2	24	4	No	
KP-04	Kennedy Parkway	Gate 2 to 5th Street SE (southbound)	0.82	2	24	4	No	
KP-05	Kennedy Parkway	5th Street to NASA Parkway (northbound)	0.71	2	24	3	Yes	Blade median for drainage outfall. Vegetation growing above ground elevation.
KP-06	Kennedy Parkway	5th Street to NASA Parkway (south bound)	0.71	2	24	3	No	
KP-07	Kennedy Parkway	NASA Parkway to Schwartz Road (northbound)	2.63	2	24	3	No	
KP-08	Kennedy Parkway	NASA Parkway to Schwartz Road (southbound)	2.63	3	36	3	No	Periodic potholes need to be patched (specifically in the west most lane).
KP-09	Kennedy Parkway	Schwartz Road to Saturn Causeway (northbound)	1.21	2	24	4	No	
KP-10	Kennedy Parkway	Schwartz Road to Saturn Causeway (southbound)	1.21	3	36	4	No	
KP-11	Kennedy Parkway	Saturn Causeway to Wilson Corners (northbound)	5.07	2	24	4	No	
KP-12	Kennedy Parkway	Saturn Causeway to Wilson Corners (southbound)	5.02	2	24	4	No	
KP-13	Kennedy Parkway	Towway Portion (portion at the southbound lanes of Kennedy Parkway)	0.40	3	36	3	No	
KP-14	Kennedy Parkway	Wilson Corners to Haulover Bridge	7.41	2	24	3	Yes	Shoulder drop-off.
KP-15	Kennedy Parkway	Haulover Bridge to US Route 1	8.50	2	24	3	Yes	Shoulder drop-off.
		TOTAL MILES =	**40.98**					

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4 - Good - Only scheduled maintenance and/or condition monitoring required. Good for approximately 2-3 years. Pavement markings are generally beginning to exhibit minor isolated cracking, fading or other damage and/or approximately 10 percent or less of the Reflective Pavement Markers are either missing or not functioning.
3 - Fair - Minor repairs required. Repair or replace within approximately 2 years. Pavement markings are exhibiting minor to moderate cracking, fading or other damage and/or approximately 20 percent or less of the Reflective Pavement Markers are either missing or not functioning.
2 - Poor - Replacement or significant repairs required within approximately 1-2 years. Most pavement markings are exhibiting moderate to severe cracks, fading and other deterioration. Many of the Reflective Pavement Markers are either missing or not functioning properly.
1 - Bad - Replacement required within 6-2 months. The pavement markings are difficult to see or are mostly worn off the pavement and most of the Reflective Pavement Markers are either missing or not functioning.

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop off or Build-up Observed? (Yes or No)	Comments
IA-01	1st Street SE	A Ave SE to B Ave SE	0.34	2	24	1	Yes	Needs repaving/restriping. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-02	1st Street SE	B Ave SE to C Ave SE	0.28	2	24	2	Yes	Stripes starting to fade. Blade/mow the north side of the road shoulder to allow for proper stormwater drainage.
IA-03	1st Street SE	C Ave SE to D Ave SE	0.29	2	24	2	No	
IA-04	1st Street SE	D Ave SE to E Ave SE	0.29	2	24	4	Yes	Blade/mow the north side of the road shoulder to allow for proper stormwater drainage. Washout on shoulder edge north of the O&C west parking lot entrance.
IA-05	1st Street SE	E Ave SE to H Ave SE	0.30	2	24	4	Yes	Blade/mow the north side of the road shoulder to allow for proper stormwater drainage.
IA-06	2nd Street SE	A Ave SE to B Ave SE	0.28	2	24	3	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-07	2nd Street SE	B Ave SE to C Ave SE	0.28	2	24	3	No	Partially blocked off for ML construction.
IA-08	2nd Street SE	C Ave SE to D Ave SE	0.29	2	24	2	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-09	2nd Street SE	E Ave SE to H Ave SE	0.30	2	24	3	No	
IA-10	3rd Street SE	A Ave SE to B Ave SE	0.28	2	24	4	No	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-11	3rd Street SE	B Ave SE to C Ave SE	0.28	2	24	4	No	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-12	3rd Street SE	C Ave SE to D Ave SE	0.29	2	24	4	No	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-13	3rd Street SE	D Ave SE to E Ave SE	0.29	2	24	2	No	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage. Marking fading.
IA-14	4th Street SE	A Ave SE to B Ave SE	0.28	2	24	2	No	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage. Marking fading.
IA-15	4th Street SE	B Ave SE to C Ave SE	0.28	2	24	2	No	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage. Marking fading.
IA-16	4th Street SE	C Ave SE to D Ave SE	0.29	2	24	2	No	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage. Marking fading.
IA-17	5th Street SE	Kennedy Parkway to A Ave SE	0.27	4	48	4	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-18	5th Street SE	A Ave SE to B Ave SE	0.28	4	48	4	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-19	5th Street SE	B Ave SE to C Ave SE	0.28	4	48	3	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-20	5th Street SE	C Ave SE to D Ave SE	0.29	2	24	3	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-21	5th Street SE	E Ave SE to G Ave SE	0.19	2	24	1	Yes	No markings/significant disrepair. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-22	5th Street SE	G Ave SE to M7-0867	0.31	2	22	1	Yes	No markings/significant disrepair. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop off or Build-up Observed? (Yes or No)	Comments
IA-23	6th Street SE	M7-1104 to E Ave SE	0.17	2	24	3	No	No markings but road in good shape. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-24	6th Street SE	E Ave SE to G Ave SE	0.19	2	24	1	Yes	Lane markings are faded. Shoulder damage eastbound, located approximately halfway into the roadway segment. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-25	7th Street SE	West end to E Ave SE	0.18	1	12	3	Yes	No markings but road in good shape. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-26	7th Street SE	F Ave SE to G Ave SE	0.11	2	24	1	Yes	Markings faded/significant disrepair. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-27	8th Street SE	F Ave SE to G Ave SE	0.11	1	12	1	Yes	Markings faded/significant disrepair. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-28	9th Street SE	M7-1354 to E Ave SE	0.09	2	24	3	No	No markings but road in good shape.
IA-29	9th Street SE	F Ave SE to G Ave SE	0.11	1	12	1	Yes	No markings/significant disrepair. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-30	10th Street SE	E Ave SE to Banana River Drive	0.68	2	24	1	Yes	Several areas of shoulder damage. Marking severly faded. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-31	A Ave SE	2nd Street SE to 3rd Street SE	0.19	2	24	2	No	Marking severly faded. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-32	A Ave SE	3rd Street SE to 4th Street SE	0.19	2	24	2	No	Marking severly faded. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-33	A Ave SE	4th Street SE to 5th Street SE	0.10	2	24	2	No	Marking severly faded. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-34	B Ave SE	1st Street SE to 2nd Street SE	0.10	2	24	3	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-35	B Ave SE	2nd Street SE to 3rd Street SE	0.19	2	24	3	No	Marking severly faded. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-36	B Ave SE	3rd Street SE to 4th Street SE	0.19	2	24	3	No	Marking severly faded. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-37	B Ave SE	4th Street SE to 5th Street SE	0.10	2	24	3	No	Marking severly faded. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-38	C Ave NE	NASA Parkway East to L7-1557	1.28	2	20	1	Yes	No pavement markings. Pavement in terrible shape.
IA-39	C Ave NE	L7-1557 to L7-1758	0.25	1	10	1	Yes	Pavement heavily damaged and vegetation overgrown. No pavement markings. Vegetation groth along middle of pavement.
IA-40	C Ave SE	NASA Parkway East to 1st Street SE	0.08	5	48	3	No	
IA-41	C Ave SE	1st Street SE to 2nd Street SE	0.10	4	48	3	No	
IA-42	C Ave SE	2nd Street SE to 3rd Street SE	0.19	4	48	3	No	All markings cracking. Double center yellow lines. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop off or Build-up Observed? (Yes or No)	Comments
IA-43	C Ave SE	3rd Street SE to 4th Street SE	0.19	4	48	3	No	All markings cracking. Double center yellow lines. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-44	C Ave SE	4th Street SE to 5th Street SE	0.10	4	48	3	No	All markings cracking. Double center yellow lines. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-45	D Ave SE	NASA Parkway East to 1st Street SE	0.08	2	24	4	No	
IA-46	D Ave SE	1st Street SE to 2nd Street SE	0.06	2	24	4	No	
IA-47	D Ave SE	2nd Street SE to 3rd Street SE	0.19	2	24	4	No	
IA-48	D Ave SE	3rd Street SE to 4th Street SE	0.19	2	24	4	No	
IA-49	D Ave SE	4th Street SE to 5th Street SE	0.10	2	24	4	No	
IA-50	E Ave SE	NASA Parkway East to 1st Street SE	0.08	5	48	3	No	Intersection concrete is cracked.
IA-51	E Ave SE	1st Street SE to 2nd Street SE	0.10	5	48	3	No	
IA-52	E Ave SE	2nd Street SE to 3rd Street SE	0.19	2	24	3	No	
IA-53	E Ave SE	3rd Street SE to 5th Street SE	0.30	2	24	3	No	
IA-54	E Ave SE	5th Street SE to 10th Street SE	0.53	2	24	3	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-55	F Ave SE	7th Street SE to 10th Street SE	0.28	2	24	1	Yes	No markings/significant disrepair. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-56	G Ave SE	5th Street SE to 10th Street SE	0.53	2	22	3	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-57	H Ave SE	NASA Parkway East to 1st Street SE	0.08	4	48	1	Yes	All markings severely faded, needs restriping. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-58	H Ave SE	1st Street SE to 2nd Street SE	0.10	4	48	1	Yes	No markings, needs restriping. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
IA-59	Banana River Drive SE	10th Street SE to NASA Parkway East	1.04	1	12	1	Yes	No markings/significant disrepair/vegetation growth. Minimal shoulder damage.
		TOTAL MILES =	**15.00**					

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop off or Build-up Observed? (Yes or No)	Comments

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3 - Fair - Minor repairs required. Repair or replace within approximately 2 years. Pavement markings are exhibiting minor to moderate cracking, fading or other damage and/or approximately 20 percent or less of the Reflective Pavement Markers are either missing or not functioning.
2 - Poor - Replacement or significant repairs required within approximately 1-2 years. Most pavement markings are exhibiting moderate to severe cracks, fading and other deterioration. Many of the Reflective Pavement Markers are either missing or not functioning properly.
1 - Bad - Replacement required within 6 to 12 months. The pavement markings are difficult to see or are mostly worn off the pavement and most of the Reflective Pavement Markers are either missing or not functioning.

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments
LC-01	Contractor Road	Schwartz Road to Saturn Causeway	1.27	4	48	4	Yes	Newer paved road but vegetation is building up along shoulder on both sides of road. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
LC-02	Instrumentation Road	Saturn Causeway to D Ave NE	0.18	2	24	4	No	Newly paved and striped.
LC-03	Instrumentation Road	D Ave NE to K7-1607A	0.46	1	11	1	Yes	Newer paved road but vegetation is building up along shoulder on both sides of road. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage. No pavement markings.
LC-04	D Ave NE	Instrumentation Road to the north end of the K6-1547 east parking lot.	0.10	2	25	2	No	Double yellow center lines, stop bar are faded.
LC-05	20th Street NE	Instrumentation Road to Contractor Road	0.15	2	24	4	No	
LC-06	LCC Road - west road	Saturn Causeay to LCC fence - west road	0.07	2	24	2	No	(1) This is the west acces road to the LCC. (2) Markings starting to fade. Need re-stripe double yellow line.
LC-07	LCC Road - east road	Saturn Causeway to LCC fence - east road	0.07	2	24	2	No	(1) This is the east acces road to the LCC. (2) Markings starting to fade.
LC-08	Launcher Road	Kennedy Parkway (NB) to SRB Transporter Road	0.36	2	24	2	No	Need double yellow re-striping.
LC-09	Launcher Road	SRB Transporter Road to Ordnance Road	0.51	2	24	2	No	Needs to be repaved and restriped soon and at the turn past transporter road stripes completely faded.
LC-10	SRB Transporter Road	Launcher Road to Towway	0.26	2	24	3	No	Road leading right into VAB. Re-paint pedestrian crossing.
LC-11	Crawler Maintenance Road	Launcher Road to Towway	0.22	2	24	2	No	Several pot holes and road in general poor condition.
LC-12	Towway	Kennedy Parkway (SB) to K6-0848	0.42	2	50	3	No	Yellow double center lines present. +/- 100' long driveway slab crack on south lane @ Safe Heaven Road. Markings faded from OPF to VAB.
LC-13	Utility Road	Saturn Causeway to Towway	0.39	2	24	3	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
LC-14	VAB Road	Kennedy Parkway (NB) to Utility Road	0.20	2	24	3	No	
LC-15	Saturn Causeway	Kennedy Parkway (NB) to Transporter Road	0.41	4	48	3	No	Pothole in the south lane.
LC-16	Saturn Causeway	Transporter Road to the west end of the Mobile Service Structure Bypass portion of Saturn Causeway.	1.83	2	24	4	No	
LC-17	Saturn Causeway	Mobile Service Structure By-Pass.	0.42	2	24	4	No	

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LC-18	Saturn Causeway	East end of the Mobile Service Structure Bypass to the Pad A Gate.	0.96	2	24	3	Yes	12"x48" pavement damage on south lane edge @ approximately 1/4" mile east of Pad B road. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
LC-19	Transporter Road	Saturn Causeway to the Turnbasin dock and also the section that splits to the right to the beginning of the parking lot.	0.32	2	48	3	No	Needs restriping. Repaving and restriping of turn basin dock portion being implemented in Jan 2024.
LC-20	Transporter Road	Saturn Causeway to VAB fence.	0.13	4	48	3	No	Re-stripe pedestrian crosing at parking lot.
LC-22	Ordnance Road	From Saturn Causeway, over the Crawlerway, to Launcher Road	0.06	2	24	3	No	Double-line marking faded north of Crawler Way.
LC-23	Ordnance Road	Ordnance Road Crossover at Launcher Road to K7-0559 at the Ordnance Facility gate.	0.30	2	24	4	No	
LC-24	Converter Compressor Road	Ordnance Road to Fluid Servicing Road	0.47	2	24	4	No	
LC-25	Fluid Servicing Road	Saturn Causeway to the end of the 2 lane road	0.24	2	24	3	No	
LC-26	Fluid Servicing Road	End of the 2-lane road to the end of the end of the 1-lane road near J7-2111.	0.71	1	12	3	Yes	One way road with vegetation overgrowth and faded markings. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
		TOTAL MILES =	**10.51**					

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4 - Good - Only scheduled maintenance and/or condition monitoring required. Good for approximately 2-3 years. Pavement markings are generally beginning to exhibit minor isolated cracking, fading or other damage and/or approximately 10 percent or less of the Reflective Pavement Markers are either missing or not functioning.
3 - Fair - Minor repairs required. Repair or replace within approximately 2 years. Pavement markings are exhibiting minor to moderate cracking, fading or other damage and/or approximately 20 percent or less of the Reflective Pavement Markers are either missing or not functioning.
2 - Poor - Replacement or significant repairs required within approximately 1-2 years. Most pavement markings are exhibiting moderate to severe cracks, fading and other deterioration. Many of the Reflective Pavement Markers are either missing or not functioning properly.
1 - Bad - Replacement required within 6-12 months. The pavement markings are difficult to see or are mostly worn off the pavement and most of the Reflective Pavement Markers are either missing or not functioning.

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments
MS-01	Space Comerce Way	Divided roadway, northbound from NASA Parkway - south to the beginning of the 2-lane NB/SB roadway.	0.20	4	varies from 12' to 35' (including paved median)	1	No	12/2023, roadway under 4-lane expansion project.
MS-02	Space Comerce Way	Divided roadway, southbound from NASA Parkway - south to the beginning of the 2-lane NB/SB roadway.	0.20	4	varies from 12' to 32' (including paved median)	1	No	12/2023, roadway under 4-lane expansion project.
MS-03	Space Comerce Way	2-lane NB/SB portion of roadway between the divided roadway located at the north and south ends of Space Commerce Way.	2.17	4	24	1	No	12/2023, roadway under 4-lane expansion project.
MS-04	Space Comerce Way	Divided roadway, northbound from Kennedy Parkway to the beginning of the 2-lane NB/SB roadway.	0.28	4	varies from 12' to 25' (including paved median)	1	No	12/2023, roadway under 4-lane expansion project.
MS-05	Space Comerce Way	Divided roadway, southbound from Kennedy Parkway to the beginning of the 2-lane NB/SB roadway.	0.29	4	varies from 12' to 25' (including paved median)	1	No	12/2023, roadway under 4-lane expansion project.
MS-06	S-Band Road	Space Commerce Way to Ransom Road	0.78	2	20	1	No	Grass growing along both shoulders toward south 1/2 length of road. Lane markings are faded and needs redone. Several tire burn marks that were recently made at the gate entrance. Note: no regular traffic flow.
MS-07	Ransom Road	Kennedy Parkway west to end of pavement	0.16	2	24	3	No	Continuous center line. Need cleaning, sand buildup on road along both sides of shoulder. Blade vegetation for proper drainage outfall.
MS-08	TEL 4 Road	Kennedy Parkway to 28th Street SE	1.65	2	20	1	Yes	Lane markings are faded and pavement is uneven. Might need to be repaved/restriped soon. The overgrown vegetation on the shoulder will need to be removed for drainage outfall.
MS-09	28th Street SE	TEL 4 Road to N6-2296	1.35	2	20	4	No	Mow/blade for drainage outfall.
MS-10	Hall Road	KSC Property Line west to Banana River Drive	0.96	2	20	5	No	Recently repaved and re-striped.
MS-11	42nd Street SE	Banana River Drive to Q6-0082 gate.	0.15	1	12	1	Yes	No lane markings. Need to remove excessive vegetation on shoulder. Major pothole at the entrance.
MS-12	Banana River Drive	North end of KARS Park paved road to Hall Road	0.48	2	20	4	No	No lane markings
MS-13	Banana River Drive (Audubon Rd)	Hall Road to the access road to Q6-0484 tower.	1.05	1	11	4	Yes	Recently repaved. Blade vegetation for proper drainage outfall.
		TOTAL MILES =	**9.72**					

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments

NOTE: The following are the pavement marking Condition Code definitions:

5 - Excellent - no work required. Good for approximately 3-4 years. Pavement markings and Reflective Pavement Markers are in new condition. Over 95 percent of the markings do not exhibit cracking, fading or other damage and over 98 percent of the Reflective Pavement Markers are in place and functioning.
4 - Good - Only scheduled maintenance and/or condition monitoring required. Good for approximately 2-3 years. Pavement markings are generally beginning to exhibit minor isolated cracking, fading or other damage and/or approximately 10 percent or less of the Reflective Pavement Markers are either missing or not functioning.
3 - Fair - Minor repairs required. Repair or replace within approximately 2 years. Pavement markings are exhibiting minor to moderate cracking, fading or other damage and/or approximately 20 percent or less of the Reflective Pavement Markers are either missing or not functioning.
2 - Poor - Replacement or significant repairs required within approximately 1-2 years. Most pavement markings are exhibiting moderate to severe cracks, fading and other deterioration. Many of the Reflective Pavement Markers are either missing or not functioning properly.
1 - Bad - Replacement required within 6-12 months. The pavement markings are difficult to see or are mostly worn off the pavement and most of the Reflective Pavement Markers are either missing or not functioning.

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments
MN-01	2nd Street NE	Static Test Road to the east and around turnaround loop.	0.42	1	12	1	Yes	Severe cracking; vegetation overgrowth; no pavement markings; road not frequently used
MN-02	Fire & Rescue Training Road	Static Test Road to the end of the paved road.	0.28	1	9	1	Yes	No markings; heavy cracking; vegetation growth; roadway uneven; road not frequently used
MN-03	Static Test Road	NASA Causeway to Schwartz Road	3.01	2	24	1	Yes	Centerline needs re-striping. Fissures throughout; vegetation overgrowth; roadway uneven at NASA Cswy entrance Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
MN-04	Static Test Road	Schwartz Road north to K8-1404	1.13	1	varies from 12' to 24'	1	Yes	North of Schwartz Road in poor condition (no pavement markings, fissures, vegetation overgrowth, uneven)
MN-05	Schwartz Road	Kennedy Parkway (NB) to Contractors Road	0.10	4	48	4	No	
MN-06	Schwartz Road	Contractors Road to the end of the 4-lane road located just west of the road that leads to the east entrance to the BFF parking lot.	0.17	4	48	5	Yes	Recently paved and striped. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
MN-07	Schwartz Road	End of the 4 lane road (beginning of 2-lne road) to the end of the paved road near the landfill entrance.	1.10	2	24	3	Yes	Pavement markings need redone. Several pot holes throughout that need patched. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
MN-08	Schwartz Road	Kennedy Parkway (SB) to G Avenue NW	2.77	2	20	2	Yes	Kennedy Pkwy to first intersection is being repaved and restriped by SpaceX. North of the intersection is in poor condition. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
MN-09	G Ave NW	Schwartz Road south to L5-0583	0.66	2	18	1	Yes	Road closed; Road appears to need repaved. Pavement markings need redone. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
MN-10	39 th Streer NW	Kennedy Parkway (SB) to the SLF fence.	0.70	1	12	1	No	Striping is faded and vegetation overgrowth. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
MN-11	Sharkey Road (32 nd Street NW)	Kennedy Parkway (SB) west to the SLF perimeter fence (located at about the midpoint of the SLF).	0.83	2	24	1	No	Needs re-striping. Pavement in fair condition. Eastbound lane has a cone over a shoulder drop off.

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MN-12	Astronaut Road	Kennedy Parkway (NB) to J6-1725, including around the turnaround loop.	0.47	1	12	1	No	No markings, fissures and vegetation overgrowth. Washout on the North side shoulder by the intersection of Kennedy Pkwy.
MN-13	Astronaut Road	Kennedy Parkway (SB) to the SLF perimeter fence.	0.50	2	24	2	Yes	Needs re-striping. Current striping is visible but in poor condition. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
MN-14	Towway	Kennedy Parkway (SB) to the gate at the SLF perimeter fence.	1.29	2	50	1	No	Needs re-striping.
MN-15	28th Street NE	Kennedy Parkway (NB) to the Apollo/Saturn V Center and the Banana Creek Launch Viewing Area - including the turnaround loop.	0.36	2	varies from 24' to 50'	3	No	Striping beginning to fade. Concrete at entrance uneven.
MN-16	Titusville Road	Beach Road to Kennedy Parkway	4.10	2	20	2	Yes	Pavement markings faded. Shoulder drop-off. Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
MN-17	Beach Road (Route 402)	KSC West Boundary (located east of the east abutment of the A. Max Brewer Bridge) to Wilson Corners.	5.90	2	24	1	Yes	Need re-stripe of yellow center line. Several pot holes on both sides of the roadway that need patched. Hazard to heavy traffic into the space center from Titusville. Overall poor road condition for a major road.
MN-18	Beach Road	Wilson Corners (through the Canaveral National Seashore entry gate) to Playalinda Beach Road.	4.21	2	24	4	Yes	Minimal and periodic shoulder drop off.
MN-19	Playalinda Beach Road	From Beach Road - north to the end of Playalinda Beach Road, including the turnaround loop.	4.29	2	20	3	No	Fairly clean and no significant shoulder drop off or major pot holes.
		TOTAL MILES =	**32.29**					

Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments

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Roadway Segment Number	Roadway Name	Roadway Segment Limits	Estimated Length of Roadway Segment (miles)	Number of Travel Lanes	Estimated Roadway Width (ft)	Pavement Marking Condition Code (1-5)	Significant Turf Shoulder Drop-off or Build-up Observed? (Yes or No)	Comments
PB-01	Samuel C. Phillips Parkway (aka Cape Road)	Pad A Bypass Road- north to Gate 6.	3.08	2	22	4	Yes	Blade/mow both sides of the road shoulder to allow for proper stormwater drainage.
PB-02	Samuel C. Phillips Parkway (aka Cape Road)	KSC/CCAFS boundary - north to the Pad A Bypass Road.	2.98	2	22	4	Yes	Periodic shoulder drop off/washout. Large washout south of Helipad 6.
PB-03	Access Road to CCAFS facility 29150.	Samuel C. Phillps Parkway (aka Cape Road - west to the security gate at CCAFS faciity 29150.	0.29	1	12	2	Yes	Significant shoulder drop-off. Road in disrepair.
PB-04	Pad A By-Pass Road	Saturn Causeway east to Cape Road	0.74	2	24	3	No	Minor shoulder drop off and road dip 1/4 mile east of guard shack. Roadway will undergo with expansion to accommodate SpaceX transport.
PB-05	Pad A Emergency Road	Pad B Road to gate at west side of the Pad A perimeter fence.	0.79	1	18	1	Yes	Not accessible and in terrible condition with lane cracking and heavy vegetation growth. Not a frequently used road.
PB-06	Pad B Road	Saturn Causeway to the Pad B gate.	1.90	2	24	2	Yes	Some uneven sections towards Pad B. Several small pot holes through center markings (mainly adjacent to J7-1388). Large pot hole in westbound lane (near intersection of Saturn Cswy) needs patched. Blade/mow the east side of the road shoulder to allow for proper stormwater drainage.
PB-07	Pad B Bypass Road (east)	Pad B road - east to Samuel C. Phillips Parkway (aka Cape Road)	1.10	2	24	4	No	Road in good condition.
PB-08	Pad B Bypass Road (west)	Pad B road - west to Titusville Beach Road	0.98	2	24	1	Yes	Markings faded. Road uneven with fissures throughout. Road not heavily trafficked currently, however, if traffic increases, repaving recommended.
PB--09	Titusville Beach Road	Pad B Bypass Rd west to Patrol Road	1.68	2	24	1	Yes	Markings faded. Road uneven with fissures throughout. Road not heavily trafficked currently, however, if traffic increases, repaving recommended.
PB-10	Pad B Inteior Perimeter Road	Pad B Interior Perimeter Road	1.75	2	24	1	No	Markings faded. Road uneven with fissures throughout. Some washout around North section.
		TOTAL MILES =	**15.29**					

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Attachment 4 FY23 Pavement Markings & Turf Shoulde			
Inspection Area	Miles of Condition Code 1	Miles of Condition Code 2	Miles of Condition Code 3
NASA Causeway/Nasa Parkway	0.00	11.40	14.60
Kennedy Parkway	0.00	0.00	22.99
Industrial Area	5.07	2.48	4.84
Launch Complex 39 Area	0.46	1.33	4.10
Miscellaneous - South of Industrial Area	5.72	0.00	0.16
Miscellaneous - North of Industrial Area	14.69	7.37	5.75
Pads and Beaches	5.20	2.19	0.74
Total Miles Per Code	31.14	24.77	53.18
Percentage (%) of Each Code	20.8	16.5	35.5

r Inspection Results		
Miles of Condition Code 4	Miles of Condition Code 5	Total Miles per Area
0.00	0.00	26.00
17.99	0.00	40.98
2.61	0.00	15.00
4.62	0.00	10.51
2.88	0.96	9.72
4.31	0.17	32.29
7.16	0.00	15.29
39.57	1.13	149.79
26.4	0.8	