

17. DISCUSS THE USE OF THE MIDDLE TURN LANE AS REVERSIBLE LANES ON 41ST STREET TO IMPROVE TRAFFIC FLOW DURING PEAK TRAFFIC HOURS.
Applicable Area:



COMMISSION MEMORANDUM

TO: Honorable Mayor and Members of the City Commission
FROM: Commissioner Alex Fernandez
DATE: June 26, 2024
TITLE: REFERRAL TO THE LAND USE AND SUSTAINABILITY COMMITTEE TO DISCUSS THE USE OF THE MIDDLE TURN LANE AS REVERSIBLE LANES ON 41ST STREET TO IMPROVE TRAFFIC FLOW DURING PEAK TRAFFIC HOURS.

RECOMMENDATION

Please place on the June 26, 2024 City Commission agenda a referral to the Land Use and Sustainability Committee to discuss the use of the middle turn lane as reversible lanes on 41st Street to improve traffic flow during peak traffic hours. According to the Transportation Master Plan, the segment of 41st Street from Alton Road to Collins Avenue is identified as a failing roadway segment under existing (time of the master plan), 2025, and 2035 conditions.

As a densely populated urban area that hosts throngs of visitors each day, extreme demand is consistently placed upon the City's roadways. Moreover, many residents continue to complain about traffic congestion citywide, especially during peak hours.

A reversible lane may be used for through traffic in alternating directions during different periods of the day, which can significantly reduce traffic congestion, improve pedestrian safety and reduce the risk of accidents on roadways.

As part of this referral, I would request that the City Administration, including the Transportation and Mobility Department be prepared at Committee to discuss the possibility of using reversible lanes on 41st Street, along with any concerns and costs associated with the project.

BACKGROUND/HISTORY

ANALYSIS

FISCAL IMPACT STATEMENT

na

Does this Ordinance require a Business Impact Estimate?
(FOR ORDINANCES ONLY)

The Business Impact Estimate (BIE) was published on . See BIE at:
<https://www.miamibeachfl.gov/city-hall/city-clerk/meeting-notice/>

FINANCIAL INFORMATION

CONCLUSION

Applicable Area

Middle Beach

**Is this a “Residents Right to Know” item,
pursuant to City Code Section 2-17?**

Yes

**Is this item related to a G.O. Bond
Project?**

No

**Was this Agenda Item initially requested by a lobbyist which, as defined in Code Sec. 2-481,
includes a principal engaged in lobbying?** No

If so, specify the name of lobbyist(s) and principal(s):

Department

Office of Commissioner Alex Fernandez

Sponsor(s)

Commissioner Alex Fernandez

Co-sponsor(s)

SEGMENT NUMBER	SEGMENT NAME		ROAD JURISDICTION	FUNCTIONAL CLASSIFICATION	EXISTING ADOPTED LEVEL OF SERVICE STANDARD		FDOT FACTORED PEAK DIRECTIONAL VOLUMES			ADOPTED CITY CAPACITY	PEAK HOUR DIRECTIONAL VOLUME	EXISTING LEVEL OF SERVICE (PEAK DIRECTIONAL)	REMAINING CAPACITY
					FDOT	CITY	C	D	E				
18	SR A1A	Collins Avenue	State	Arterial	D	D + 20	1404	3024	3072	3628.8	2293	D	1336
19		Harding Avenue	State	Arterial	D	D + 20	1404	3024	3072	3628.8	2293	D	1336
20	SR 112 / Julia Tuttle Causeway		State	Arterial	D	D	X	X	X	X	X	F	X
21	SR 112 / 41 st Street		State	Arterial	D	D + 20	730	1630	1700	1956	1934	F	22
22	SR 934 / 79 th Street Causeway		State	Arterial	D	D	X	X	X	X	X	D	X
23	SR 934	71 st Street	State	Arterial	D	D + 20	1404	3024	3072	3628.8	1843	D	1786
24		Normandy Drive	State	Arterial	D	D + 20	1404	3024	3072	3628.8	1663	D	1965
25	SR 934 / 71 st Street		State	Arterial	D	D + 20	730	1630	1700	1956	547	C	1409
26	SR 934 / 71 st Street		State	Arterial	D	D + 20	333	675	720	810	547	D	263
27	SR 907 / Alton Road		State	Arterial	D	D + 20	730	1630	1700	1956	1438	D	518
28	SR 907 / Alton Road		State	Arterial	D	D	730	1630	1700	1630	2240	F	-610
29	SR 907 / Alton Road		State	Arterial	D	D	730	1630	1700	1630	1688	E	-58
30	SR 907 / 63 rd Street		State	Arterial	D	D + 20	693.5	1548.5	1615	1858.2	1688	F	170
31	Alton Road		City	Collector	D	D + 50	730	1630	1700	2445	262	C	2183
32	11 th Street		City	Collector	D	D + 20	259	525	560	630	318	D	312
33	Venetian Causeway		County	Arterial	D	X	X	X	X	X	X	X	X
34	Dade Boulevard		County	Arterial	D	D + 50	X	X	X	X	X	X	X
35	Dade Boulevard		County	Arterial	D	D + 50	X	X	X	X	X	X	X
36	17 th Street		City	Collector	D	D + 50	657	1467	1530	2200.5	1002	D	1199

SEGMENT NUMBER	SEGMENT NAME		SEGMENT LIMITS		ROAD JURISDICTION	FUNCTIONAL CLASSIFICATION	EXISTING AADT	FUTURE AADT (2025)	FUTURE DAILY LOS (2025)	FUTURE PEAK TWO-WAY VOLUMES (2025)	FUTURE PEAK TWO-WAY LOS (2025)	FUTURE PEAK DIRECTIONAL VOLUMES (2025)	FUTURE PEAK DIRECTIONAL LOS (2025)
			FROM	TO									
14	Indian Creek Drive		Abbott Avenue	Byron Avenue	City	Arterial	3900	4482	C	400	C	240	C
15	Indian Creek Drive		Byron Avenue	71 st Street	City	Arterial	3900	4482	C	400	C	240	C
16	SR A1A	Collins Avenue	71 st Street	73 rd Street	State	Arterial	25500	29304	D	2640	D	2630	D
17		Abbott Avenue	Indian Creek Drive	73 rd Street	State	Arterial	25500	29304	D	2640	D	2630	D
18	SR A1A	Collins Avenue	73 rd Street	88 th Street	State	Arterial	25500	29304	D	2640	D	2630	D
19		Harding Avenue	73 rd Street	88 th Street	State	Arterial	25500	29304	D	2640	D	2630	D
20	SR 112 / Julia Tuttle Causeway		City Limits	Alton Road	State	Arterial	107473	X	X	X	X	X	X
21	SR 112 / 41 st Street		Alton Road	Collins Avenue	State	Arterial	41000	45290	F	4080	F	2140	F
22	SR 934 / 79 th Street Causeway		City Limits	Bay Drive	State	Arterial	39000	X	X	X	X	X	X
23	SR 934	71 st Street	W Bay Drive	E Bay Drive	State	Arterial	20500	23558	D	2120	D	2120	D
24		Normandy Drive	W Bay Drive	E Bay Drive	State	Arterial	18500	21259	D	1910	D	1910	D
25	SR 934 / 71 st Street		E Bay Drive	Dickens Avenue	State	Arterial	11600	13330	C	1200	C	630	C
26	SR 934 / 71 st Street		Dickens Avenue	Collins Avenue	State	Arterial	11600	13330	E	1200	E	630	D
27	SR 907 / Alton Road		5th Street	Dade Boulevard	State	Arterial	30500	33691	E	3030	E	1590	D

SEGMENT NUMBER	SEGMENT NAME		SEGMENT LIMITS		ROAD JURISDICTION	FUNCTIONAL CLASSIFICATION	EXISTING AADT	FUTURE AADT (2035)	FUTURE DAILY LOS (2035)	FUTURE PEAK TWO-WAY VOLUMES (2035)	FUTURE PEAK TWO-WAY LOS (2035)	FUTURE PEAK DIRECTIONAL VOLUMES (2035)	FUTURE PEAK DIRECTIONAL LOS (2035)
			FROM	TO									
14	Indian Creek Drive		Abbott Avenue	Byron Avenue	City	Arterial	3900	5150	C	460	C	270	C
15	Indian Creek Drive		Byron Avenue	71 st Street	City	Arterial	3900	5150	C	460	C	270	C
16	SR A1A	Collins Avenue	71 st Street	73 rd Street	State	Arterial	25500	33674	F	3030	F	3030	E
17		Abbott Avenue	Indian Creek Drive	73 rd Street	State	Arterial	25500	33674	F	3030	F	3030	E
18	SR A1A	Collins Avenue	73 rd Street	88 th Street	State	Arterial	25500	33674	F	3030	F	3030	E
19		Harding Avenue	73 rd Street	88 th Street	State	Arterial	25500	33674	F	3030	F	3030	E
20	SR 112 / Julia Tuttle Causeway		City Limits	Alton Road	State	Arterial	107473	X	X	X	X	X	X
21	SR 112 / 41 st Street		Alton Road	Collins Avenue	State	Arterial	41000	50028	F	4500	F	2360	F
22	SR 934 / 79 th Street Causeway		City Limits	Bay Drive	State	Arterial	39000	X	X	X	X	X	X
23	SR 934	71 st Street	W Bay Drive	E Bay Drive	State	Arterial	20500	27072	D	2440	D	2430	D
24		Normandy Drive	W Bay Drive	E Bay Drive	State	Arterial	18500	24430	D	2200	D	2200	D
25	SR 934 / 71 st Street		E Bay Drive	Dickens Avenue	State	Arterial	11600	15319	D	1380	D	720	C
26	SR 934 / 71 st Street		Dickens Avenue	Collins Avenue	State	Arterial	11600	15319	F	1380	F	720	E
27	SR 907 / Alton Road		5th Street	Dade Boulevard	State	Arterial	30500	37216	F	3350	F	1760	F