

SFMTA - TASC SUMMARY SHEET

<p>PreStaff_Date: 3/30/2021 Requested_by: SFMTA Handled: Tom Folks (701-4688) Section Head : TF <i>TF</i></p>	<p><input type="checkbox"/> Public Hearing Consent <input checked="" type="checkbox"/> Public Hearing Regular <input type="checkbox"/> Informational / Other <small>PH - Regular</small></p>	<p>No objections: _____ Item Held: _____ Other: _____</p>
---	---	--

Location: John Muir Drive, between Skyline Boulevard and Lake Merced Boulevard

Subject: Speed Limit

PROPOSAL / REQUEST:
RESCIND--30 MPH SPEED LIMIT
ESTABLISH--25 MPH SPEED LIMIT
John Muir Drive, between Skyline Boulevard and a point approximately 2,500 feet southeasterly

RESCIND--40 MPH SPEED LIMIT
ESTABLISH--35 MPH SPEED LIMIT
John Muir Drive, between the County line and a point approximately 2,500 feet southeasterly of Skyline Boulevard

The SFMTA proposes changing the speed limit on John Muir Drive based on the latest speed survey findings.
(Supervisor District 7)
tom.folks@sfmta.com

BACKGROUND INFORMATION / COMMENTS
After the installation of new raised crosswalks on John Muir Drive, a speed survey was reconducted.

The new survey found the following 85th percentile speed results:

In the previous 30 MPH section: 25.6 MPH
In the previous 40 MPH section: 41.8 MPH

With these findings, the speed limits are recommended for change, with the 30 MPH section becoming 25 MPH and the 40 MPH section becoming 35 MPH because of special conditions.

<p>HEARING NOTIFICATION AND PROCESSING NOTES:</p>	<p>ENVIRONMENTAL CLEARANCE BY: <input checked="" type="checkbox"/> SFMTA <input type="checkbox"/> Attached <input type="checkbox"/> Pending</p>
--	--





ENGINEERING AND TRAFFIC SURVEY

I. LOCATION: John Muir Drive, Skyline Boulevard to Lake Merced Boulevard

Street width is more than 40 feet: yes no

This Engineering and Traffic Survey was prepared according to the regulations and procedures in Part 2, Section 2B.13 of the California Manual on Uniform Traffic Control Devices.

This survey was performed on the 17th day of March 2021, at my direction by qualified engineering personnel. The results of the survey are presented in the following synopsis.

II. SPEED SURVEY RESULTS

Date Conducted: Wednesday, March 17, 2021
Time of Day: 9:44 A.M. – 12:09 P.M.
Weather Conditions: Overcast
Traffic Conditions: Free Flow, lighter traffic due to Covid pandemic

85th Percentile Speed

Location 1: John Muir Drive, outside the Rod and Rifle Club Lot Entrance
Northbound: 25.6 mph Southbound: 25.6 mph
Location 2: John Muir Drive, between the County Line and the Bridge Parking Lot
Northbound: 41.3 mph Southbound: 42.3 mph

III. COLLISION RATE

(A) Coverage (5-years): 10/1/2015 - 9/30/2020
(B) Number of Collisions: 27
(C) 24-Hour Volume: 6,240 vehicles
(D) Length of Section: 6010.83 ft. or 1.14 miles

Collision rate = $[(B) \times 10^6] / [(A) \times 365 \times (C) \times (D)] = 2.07$ collisions/MVM



IV. SPECIAL CONDITIONS

Pedestrian and bicycle safety

- V. This survey justifies a speed limit of **35 mph for John Muir Drive between the County Line and a point approximately 2,500 feet southeasterly of Skyline Boulevard, and 25 mph between Skyline Boulevard and a point approximately 2,500 feet southeasterly**, as adjusted by applicable provisions of the California Manual on Uniform Traffic Control Devices. **The existing speed limits are 40 mph on John Muir Drive between the County Line and a point approximately 3,300 feet northwesterly, and 30 mph between Skyline Boulevard and a point approximately 2,500 feet southeasterly.**
- VI. I certify that this document is a true and accurate copy of the original on file with the San Francisco Municipal Transportation Agency.

_____ Date _____

Ricardo A. Olea
City Traffic Engineer



24-Hour Volume Calculation

LOCATION: John Muir Drive, between Skyline Boulevard and the County Line

DAY: Wednesday

DATE: 03 / 17 / 2021

TIME OF 10 MIN
COUNT:

09:31 A.M -09:41 A.M. (Location 1 below)
11:01 A.M -11:11 A.M. (Location 2 below)

WEATHER: Overcast

AREA TYPE: Residential

TRAFFIC

CONDITIONS: Free Flow, lighter traffic due to Covid pandemic

RECORDED BY: Steven Rubino

10 Minute Counts:

Location 1: John Muir Drive, outside the Rod and Rifle Club

Northbound: 30 Southbound: 24

Location 2: John Muir Drive, between the County Line and the bridge Parking lot Entrance

Northbound: 31 Southbound: 19

24 Hour Volume:

- | | | |
|-----|-----------------------------------|----|
| (A) | Location 1 Total Volume = | 54 |
| (B) | Location 2 Total Volume = | 50 |
| (C) | Average Volume of all locations = | 52 |

24 Hour Volume = (C) x 6 x 20 = 6,240 vehicles / day

SPEED STUDY FORM

LOCATION JOHN MUIR DR NE BETWEEN THE COUNTY LINE AND BRIDGE PARKING LOT

DAY WEDNESDAY / DATE 3-17-2021 TIME: START 11:15A STOP 12:09P

WEATHER OVERCAST NO. LANES 2 RECORDED BY S. RUSINO

COMMENTS _____

DIRECTION <u>NORTHBOUND</u>				DIRECTION <u>SOUTHBOUND</u>			
MPH OVER	TALLY	NO.	%	MPH OVER	TALLY	NO.	%
59				59			
58				58			
57				57			
56				56			
55				55			
54				54			
53				53			
52				52			
51		1	100	51		1	100
50				50			
49		1	99	49		3	99
48				48		1	96
47		1	98	47			
46		1	97	46			
45		2	96	45		3	95
44		2	94	44		3	92
43		2	92	43		4	89
42		8	90	42		10	83
41		6	82	41		10	73
40		11	76	40		12	63
39		15	65	39		8	51
38		10	50	38		8	45
37		10	40	37		11	36
36		7	30	36		4	25
35		8	23	35		2	21
34		4	15	34		5	19
33		1	11	33		4	14
32		2	10	32		3	10
31		1	8	31		1	7
30		1	7	30		2	6
29		1	6	29		2	4
28		2	5	28			
27		2	3	27			
26		1	1	26			
25				25			
24				24		1	2
23				23		1	1
22				22			
21				21			
UNDER				UNDER			

11.3 MPH
85%

42.3 MPH
85%

SPEED STUDY FORM

LOCATION JOHN MOIR DRIVE, OUTSIDE THE ROD AND RIFLE CLUB

DAY WEDNESDAY DATE 3-17-2021 TIME: START 9:41A STOP 10:50A

WEATHER OVERCAST NO. LANES 2 RECORDED BY S. RUBINO

COMMENTS _____

DIRECTION <u>NORTHBOUND</u>				DIRECTION <u>SOUTHBOUND</u>			
MPH OVER	TALLY	NO.	%	MPH OVER	TALLY	NO.	%
49				49			
48				48			
47				47			
46				46			
45				45			
44				44			
43				43			
42				42			
41				41			
40				40			
39				39			
38				38			
37				37			
36				36			
35				35			
34				34			
33				33			
32		1	100	32			
31		1	99	31		1	100
30		1	98	30		3	99
29				29		1	96
28		3	97	28		3	95
27		7	94	27		3	92
26		6	87	26		10	89
25		7	81	25		12	79
24		13	74	24		7	67
23		14	61	23		12	60
22		10	47	22		11	48
21		11	37	21		11	37
20		10	26	20		6	26
19		9	16	19		7	20
18		5	7	18		4	13
17		1	2	17		2	9
16				16		1	7
15		1	1	15		1	6
UNDER				UNDER		5	5

25.6 MPH
85%

25.6 MPH
85%