

SDOT Paving Repairs In Magnuson Park Area

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Pavement Management





Magnuson Park Area (Google Street View Image)

62nd Ave NE between NE 65th St & NE 70th St

- Non-arterial concrete street
- Bus route
- Pavement is failing due to heavy bus traffic
 - Likely not designed for bus traffic
- Construction vehicles and increased traffic have also likely contributed to pavement damage
- Pavement damage exacerbated by subgrade conditions
 - Marginal backfill
 - Groundwater



62nd Ave NE between NE 65th St & NE 70th St



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- SDOT paving crews performed full-depth asphalt patching at several locations in 2019 and 2023
- SDOT street maintenance crews have also responded multiple times over last several years to perform minor asphalt patching (potholes, shims)
- Repairs have focused on 62nd Ave NE from NE 65th St to NE 70th St; but segment from NE 70th St to NE 74th St is also distressed



62nd Ave NE between NE 65th St & NE 70th St



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- Recent full-depth asphalt repairs, pothole repairs, and asphalt shimming efforts have been performed to address the most damaged areas and keep the street in safe and serviceable condition.
- Asphalt repairs were deemed the most cost-effective maintenance option due to the extensive amount of damaged pavement.
- Concrete repairs are more expensive; and it is likely that replaced panels will fail prematurely due to the poor condition of the adjacent panels.



62nd Ave NE between NE 65th St & NE 70th St

- The ideal treatment would be to reconstruct the entire street with full-depth concrete panels with proper base preparation and sufficient thickness to withstand the heavy bus loads
- SDOT's non-arterial maintenance program is not sufficiently funded to reconstruct these blocks

Blocks	Estimated Reconstruction Cost (\$)	SDOT Non-arterial program annual funding (\$)
NE 65 th St to NE 70 th St	2.0M-3.0M	2M
NE 70 th St to NE 74 th St	3.5M-4.5M	



62nd Ave NE between NE 65th St & NE 70th St

- Potential Paths Forward
 - Ongoing repairs incorporating asphalt patches
 - Targeted, small-footprint, full-depth concrete repairs at appropriate locations
 - Possible capital project to reconstruct street with full-depth concrete



Sand Point Way NE between NE 65th St & NE 70th St

- Arterial concrete street
- Bus route
- Pavement is failing due to heavy bus traffic
 - Likely not designed for bus traffic



Sand Point Way NE between NE 65th St & NE 70th St



Sand Point Way NE between NE 65th St & NE 70th St

- SDOT has spent approximately \$900k over last several years to keep street in safe and serviceable condition
- Repairs have been funded by arterial maintenance program
- Repairs have consisted of full-depth concrete with limited full-depth asphalt locations
- Additional repairs planned in upcoming years



Sand Point Way NE between NE 65th St & NE 70th St



Questions?

