RESOLUTION REQUESTING THE CITY OF MINNEAPOLIS TO INCREASE PARKWAY PAVING AND RELATED INFRASTRUCTURE INVESTMENT INCLUDING ADA IMPROVEMENTS AND SEALCOATING TO $6.0 MILLION PER YEAR STARTING IN 2024, INCLUDING AN ESCALATION FACTOR FOR FUTURE YEARS CONSISTENT WITH THE CITY’S CAPITAL PROGRAM ANNUAL INCREASES, AND TO DEVELOP A PROGRAM AND FUNDING TO SUPPORT PARKWAY RECONSTRUCTION.
**Parkway Renovation & Rehabilitation**: Complete removal and replacement of the parkway asphalt pavement, from curb gutter to curb gutter

**Parkway Reconstruction**: The complete rebuilding of the parkway including curbs and gutters, pavement, base and utilities (generally an opportunity to implement roadway width or alignment changes in line with approved plans)

**Sealcoat**: The upper layer of the asphalt consisting of loose chips compressed into the roadway surface with a binder that provides for a flexible, waterproof and highly skid-resistant surface (parkways use red chips within the sealcoat)

**PCI**: Pavement Condition Index; an industry standard means to compare the condition of a roadway surface

**PV001**: The City of Minneapolis’ Parkway Renovation & Rehabilitation fund source

**TR008**: The City of Minneapolis’ Parkway Lighting Replacement fund source
Through a service redesign agreement between MPRB and the City authorized over 20 years ago, the City of Minneapolis is responsible for parkway renovation and maintenance.

**Investment in Parkways since 2000**

* Includes assessment bonds

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• Through a service redesign agreement between MPRB and the City authorized over 20 years ago, the City of Minneapolis is responsible for parkway renovation and maintenance
• To accomplish parkway renovation, a funding source (PV001) was created
  o PV001 has been funded at $750K on average for over 20 years
  o Due to inflation, this funding is renovating less and less parkway each year, now at 0.35 miles/yr for two-way parkways and 0.6 miles/yr for one-way parkways
    ▪ Pedestrian ramp upgrades are now included in this fund source, exacerbating the funding shortfall
  o Assessments on adjacent properties when applicable supplement PV001 and increase the funding available for parkway renovation, though generally insignificantly compared to project costs

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• City invests just over $650K annually on average for parkway maintenance not covered in PV001
• Over the last few years, the Capital Long-range Improvement Committee (CLIC) of the City of Minneapolis has consistently recommended a greater annual investment in PV001

Investment in Parkways since 2000
• Through the 2022 statistically valid survey, we find strong support for improving the conditions of parkways
  o While only 41% of respondents said they live on or regularly use the parkways, 56% strongly support or support a property tax increase to improve the conditions of parkways
  o 25% oppose or strongly oppose a property tax to improve the conditions of parkways while 19% don’t know or refused to answer this questions
Pavement Condition Index data (PCI) represented on this map was provided by City of Minneapolis through their City-wide PCI data collection.
Current Pavement Condition

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- Pavement Condition Index data (PCI) represented on this map was provided by City of Minneapolis through their City-wide PCI data collection.
- Importantly, not all of the pavement conditions are reflective of current conditions:
  - South and Southwest Minneapolis were collected in 2017 and the conditions of the parkway pavement in that part of the City has deteriorated beyond what is shown.
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This PCI dataset is the baseline for the MPRB analysis into funding needs for PV001:

- While traditional pavement management funding and condition analysis is completed through complex software solutions, this analysis utilized existing software and the talents of the Data Insights Team.
Three Funding/Program Scenarios

1. Existing Funding does not increase over next 30 years
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Excluded from this analysis are segments of the parkway system that are Minnesota State Aid roadways (funding comes from another source)

Parkway segments slated for reconstruction are not part of the pavement modeling. Parkway reconstruction cost approx. $11M/mile in today’s $s (1.5 miles of parkway system anticipated for reconstruction in the next 10-15 years)
PCI/FUNDING: EXISTING FUNDING OF $750K/yr

Miles Per Year with Current Funding - 30 Years

Average Pavement Condition Score (PCI) With No Improvements

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PCI: COMPARISON ACROSS THREE SCENARIOS

Costs for Improvements Using a Pavement Management Strategy - 30 Years
- Rehabilitation
- Sealcot
- Pedestrian Ramps
- Curb Replacement
- Catch Basins

Average Pavement Condition Score (PCI) for 3 Scenarios - 30 Years
- No Improvements
- 2 Mile/Year Investment
- Pavement Management Strategy

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THANK YOU!

QUESTIONS?