

Rochester Public School – ISD 535 wanted to understand the condition of the pavement surfaces at all their facility sites in Rochester. Bolton & Menk evaluated all the pavements plus curb, sidewalk, and pedestrian ramps for ADA compliance. The results were turned into a deliverable that included an aerial map, condition assessments for all elements evaluated, recommended maintenance, and budget level costs. Bolton & Menk’s GIS Specialists developed map books depicting the pavement conditions of all properties along with project recommendations and costs.

Pavement Evaluation maps are included on the following pages.

Legend

Parking Lots

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

Pedestrian Ramp

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Sidewalks

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Curb

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0100

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

Maintenance Recommendation

**Lot A:** Mill and Overlay  
Estimated Project Cost: \$256,300.00

**Lot B:** Mill and Overlay  
Estimated Project Cost: \$51,700.00

**Lot C:** Mill and Overlay  
Estimated Project Cost: \$80,900.00

**Lot D:** Mill and Overlay  
Estimated Project Cost: \$23,600.00

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

**Legend**

**Parking Lots**

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

**Pedestrian Ramp**

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

**Sidewalks**

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

**Curb**

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0100

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

**Maintenance Recommendation**

**Lot A:** Crack Repair and Seal Coat  
Estimated Project Cost: \$58,300.00

**Lot B:** Crack Repair and Seal Coat  
Estimated Project Cost: \$12,800.00

**Lot C:** Crack Repair and Seal Coat  
Estimated Project Cost: \$110,500.00

**Lot D:** Joint and Crack Repair  
Estimated Project Cost: \$27,800.00

**Lot E:** Mill and Overlay  
Estimated Project Cost: \$150,700.00

**Lot F:** Crack Repair and Seal Coat  
Estimated Project Cost: \$53,400.00

**Lot G:** Crack Repair and Seal Coat  
Estimated Project Cost: \$242,300.00

**Lot H:** Reconstruction  
Estimated Project Cost: \$196,800.00

**Lot I:** Joint and Crack Repair  
Estimated Project Cost: \$83,900.00

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay

Rating 5-6 (Conc.): Panel Replacement

Rating 7-10 (Bit.): Crack Repair & Seal Coat

Rating 7-10 (Conc.): Joint & Crack Repair

**Legend**

**Parking Lots**

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

**Pedestrian Ramp**

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

**Sidewalks**

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

**Curb**

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

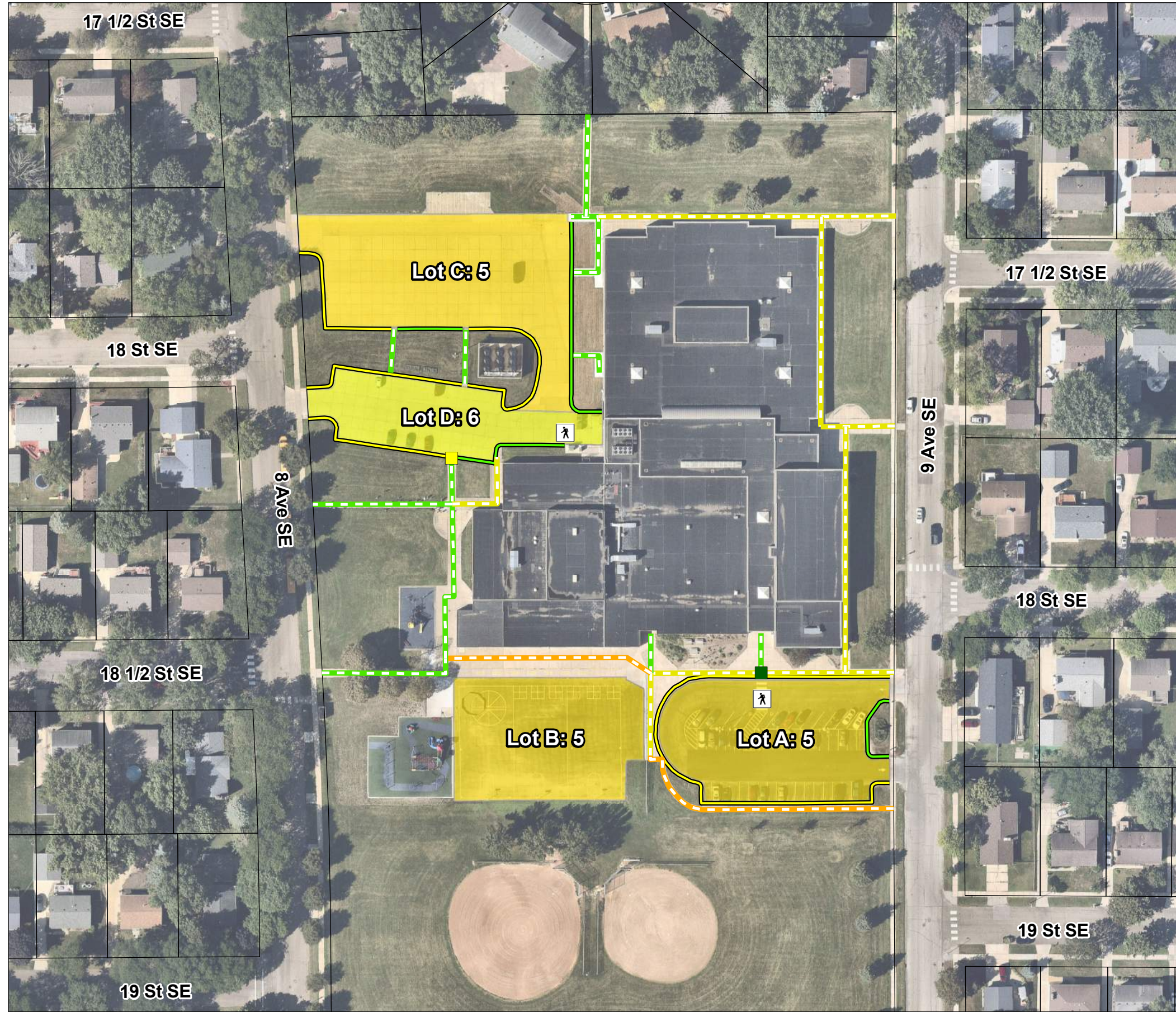
Parcels

0

100

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



**Maintenance Recommendation**

**Lot A:** Mill and Overlay  
Estimated Project Cost: \$176,600.00

**Lot B:** Mill and Overlay  
Estimated Project Cost: \$183,500.00

**Lot C:** Panel Replacement  
Estimated Project Cost: \$290,500.00

**Lot D:** Panel Replacement  
Estimated Project Cost: \$159,000.00

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay





Rating 5-6 (Conc.): Panel Replacement






Rating 7-10 (Bit.): Crack Repair & Seal Coat







Rating 7-10 (Conc.): Joint & Crack Repair

Legend

- Parking Lots**
- |   |   |
|---|---|
|  10 - Excellent |  4 - Fair      |
|  9 - Excellent  |  3 - Poor      |
|  8 - Very Good  |  2 - Very Poor |
|  7 - Good       |  1 - Failed    |
|  6 - Good       |  Gravel        |
|  5 - Fair       |  Not Rated     |

- Pedestrian Ramp**
- |  |
|--|
|  1: No cracks, no obstacles, less than 1/4" lip at curb line   |
|  2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
|  3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
|  4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

- Sidewalks**
- |   |
|---|
|  Not Rated  |
|  1: Sidewalk is smooth with no vertical discontinuities   |
|  2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
|  3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
|  4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

- Curb**
- |  |
|--|
|  Not Rated                   |
|  Good - No Action Needed     |
|  Fair - Spot Repair Required |
|  Poor - Replacement Required |
|  Crosswalk                   |
|  Parcels                     |

0 50  
Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



Maintenance Recommendation

**Lot A:** Crack Repair and Seal Coat  
Estimated Project Cost: \$28,900.00

**Lot B:** Crack Repair and Seal Coat  
Estimated Project Cost: \$13,500.00

**Lot C:** Crack Repair and Seal Coat  
Estimated Project Cost: \$15,600.00

**Lot D:** N/A  
Estimated Project Cost:

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

**Legend**

**Parking Lots**

|                |               |
|----------------|---------------|
| 10 - Excellent | 4 - Fair      |
| 9 - Excellent  | 3 - Poor      |
| 8 - Very Good  | 2 - Very Poor |
| 7 - Good       | 1 - Failed    |
| 6 - Good       | Gravel        |
| 5 - Fair       | Not Rated     |

**Pedestrian Ramp**

|   |
|---|
| 1: No cracks, no obstacles, less than 1/4" lip at curb line   |
| 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
| 3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
| 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

**Sidewalks**

|  |
|--|
| Not Rated  |
| 1: Sidewalk is smooth with no vertical discontinuities   |
| 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
| 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
| 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

**Curb**

|                             |
|-----------------------------|
| Not Rated                   |
| Good - No Action Needed     |
| Fair - Spot Repair Required |
| Poor - Replacement Required |

**Other Symbols**

|           |
|-----------|
| Crosswalk |
| Parcels   |

0 250 Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



**Maintenance Recommendation**

- Lot A:** Mill and Overlay  
Estimated Project Cost: \$472,200.00
- Lot B:** Mill and Overlay  
Estimated Project Cost: \$639,200.00
- Lot C:** Reconstruction  
Estimated Project Cost: \$1,115,000.00
- Lot D:** Crack Repair and Seal Coat  
Estimated Project Cost: \$378,200.00
- Lot E:** Reconstruction  
Estimated Project Cost: \$726,000.00
- Lot F:** Reconstruction  
Estimated Project Cost: \$1,173,100.00
- Lot G:** Mill and Overlay  
Estimated Project Cost: \$143,500.00
- Lot H:** N/A  
Estimated Project Cost:
- Lot I:** N/A  
Estimated Project Cost:
- Lot J:** N/A  
Estimated Project Cost:
- Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
 Rating 5-6 (Bit.): Mill & Overlay  
 Rating 5-6 (Conc.): Panel Replacement  
 Rating 7-10 (Bit.): Crack Repair & Seal Coat  
 Rating 7-10 (Conc.): Joint & Crack Repair

### Legend

#### Parking Lots

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

#### Pedestrian Ramp

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

#### Sidewalks

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

#### Curb

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0

50

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

| Maintenance Recommendation     |                                      |
|--------------------------------|--------------------------------------|
| <b>Lot A:</b> Mill and Overlay | Estimated Project Cost: \$225,000.00 |
| <b>Lot B:</b> Mill and Overlay | Estimated Project Cost: \$29,400.00  |
| <b>Lot C:</b> N/A              | Estimated Project Cost:              |
| <b>Lot D:</b> N/A              | Estimated Project Cost:              |
| <b>Lot E:</b> N/A              | Estimated Project Cost:              |
| <b>Lot F:</b> N/A              | Estimated Project Cost:              |
| <b>Lot G:</b> N/A              | Estimated Project Cost:              |
| <b>Lot H:</b> N/A              | Estimated Project Cost:              |
| <b>Lot I:</b> N/A              | Estimated Project Cost:              |
| <b>Lot J:</b> N/A              | Estimated Project Cost:              |
| <b>Lot K:</b> N/A              | Estimated Project Cost:              |

Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay

Rating 5-6 (Conc.): Panel Replacement

Rating 7-10 (Bit.): Crack Repair & Seal Coat

Rating 7-10 (Conc.): Joint & Crack Repair

Legend

Parking Lots

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

Pedestrian Ramp

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Sidewalks

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Curb

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

050

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

16 St SE

Lot A: 5

Lot B: 2

| Maintenance Recommendation |  |
|----------------------------|--|
| Lot A:                     | Mill and Overlay<br>Estimated Project Cost: \$173,900.00 |
| Lot B:                     | Reconstruction<br>Estimated Project Cost: \$151,300.00   |
| Lot C:                     | N/A<br>Estimated Project Cost:                           |
| Lot D:                     | N/A<br>Estimated Project Cost:                           |
| Lot E:                     | N/A<br>Estimated Project Cost:                           |
| Lot F:                     | N/A<br>Estimated Project Cost:                           |
| Lot G:                     | N/A<br>Estimated Project Cost:                           |
| Lot H:                     | N/A<br>Estimated Project Cost:                           |
| Lot I:                     | N/A<br>Estimated Project Cost:                           |
| Lot J:                     | N/A<br>Estimated Project Cost:                           |
| Lot K:                     | N/A<br>Estimated Project Cost:                           |

Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay

Rating 5-6 (Conc.): Panel Replacement

Rating 7-10 (Bit.): Crack Repair & Seal Coat

Rating 7-10 (Conc.): Joint & Crack Repair

Legend

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0

100

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

North Arrow

Maintenance Recommendation

**Lot A:** Mill and Overlay  
Estimated Project Cost: \$297,900.00

**Lot B:** Mill and Overlay  
Estimated Project Cost: \$148,200.00

**Lot C:** Crack Repair and Seal Coat  
Estimated Project Cost: \$17,300.00

**Lot D:** Crack Repair and Seal Coat  
Estimated Project Cost: \$17,200.00

**Lot E:** Crack Repair and Seal Coat  
Estimated Project Cost: \$1,900.00

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:





**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair






Legend

| Parking Lots  |                |
|---|----------------|
|   | 10 - Excellent |
|   | 9 - Excellent  |
|   | 8 - Very Good  |
|   | 7 - Good       |
|   | 6 - Good       |
|   | 5 - Fair       |
|  | 4 - Fair       |
|  | 3 - Poor       |
|  | 2 - Very Poor  |
|  | 1 - Failed     |
|  | Gravel         |
|  | Not Rated      |

Pedestrian Ramp



-  1: No cracks, no obstacles, less than 1/4" lip at curb line
-  2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"
-  3: Cracks create unlevel ramp surface, weeds may be present in cracks
-  4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Sidewalks

-  Not Rated
-  1: Sidewalk is smooth with no vertical discontinuities
-  2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable
-  3: Sidewalk has vertical discontinuities more than 1/2 inch
-  4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Curb

-  Not Rated
-  Good - No Action Needed
-  Fair - Spot Repair Required
-  Poor - Replacement Required

-  Crosswalk
-  Parcels

0 50  
Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



Maintenance Recommendation

**Lot A:** Crack Repair and Seal Coat  
Estimated Project Cost: \$82,900.00

**Lot B:** Mill and Overlay  
Estimated Project Cost: \$143,400.00

**Lot C:** N/A  
Estimated Project Cost:

**Lot D:** N/A  
Estimated Project Cost:

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:












**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair





### Legend








## Parking Lots

- |   |                |   |               |
|---|----------------|---|---------------|
|  | 10 - Excellent |  | 3 - Poor      |
|  | 9 - Excellent  |  | 2 - Very Poor |
|  | 8 - Very Good  |  | 1 - Failed    |
|  | 7 - Good       |  | Gravel        |
|  | 6 - Good       |  | Not Rated     |
|  | 5 - Fair       |   |               |







### Pedestrian Ramp

-  1: No cracks, no obstacles, less than 1/4" lip at curb line
-  2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"
-  3: Cracks create unlevel ramp surface, weeds may be present in cracks
-  4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

## Sidewalks

- | Rating   | Description  |
|--|--|
|  | Not Rated  |
|  | 1: Sidewalk is smooth with no vertical discontinuities   |
|  | 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
|  | 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
|  | 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

**Curb**

-  Not Rated  
 Good - No Action Needed  
 Fair - Spot Repair Required  
 Poor - Replacement Required
-  Crosswalk  
 Parcels

0 100 Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



### Maintenance Recommendation

**Lot A: Mill and Overlay**  
Estimated Project Cost: \$236,600.00

**Lot B: Reconstruction**  
Estimated Project Cost: \$256,500.00

**Lot C: N/A**  
Estimated Project Cost:

**Lot D: N/A**  
Estimated Project Cost:

**Lot E: N/A**  
Estimated Project Cost:

**Lot F: N/A**  
Estimated Project Cost:

**Lot G: N/A**  
Estimated Project Cost:

**Lot H: N/A**  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J: N/A**  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

## Legend



### Parking Lots

- |  |                |  |               |
|--|----------------|--|---------------|
|  | 10 - Excellent |  | 4 - Fair      |
|  | 9 - Excellent  |  | 3 - Poor      |
|  | 8 - Very Good  |  | 2 - Very Poor |
|  | 7 - Good       |  | 1 - Failed    |
|  | 6 - Good       |  | Gravel        |
|  | 5 - Fair       |  | Not Rated     |

### Pedestrian Ramp

- |  |   |
|--|---|
|  | 1: No cracks, no obstacles, less than 1/4" lip at curb line   |
|  | 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
|  | 3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
|  | 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

### Sidewalks

- |  |  |
|--|--|
|  | Not Rated  |
|  | 1: Sidewalk is smooth with no vertical discontinuities   |
|  | 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
|  | 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
|  | 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

### Curb

- |  |                             |
|--|-----------------------------|
|  | Not Rated                   |
|  | Good - No Action Needed     |
|  | Fair - Spot Repair Required |
|  | Poor - Replacement Required |



Crosswalk



Parcels

0 100  
Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



## Maintenance Recommendation

**Lot A:** Crack Repair and Seal Coat  
Estimated Project Cost: \$15,000.00

**Lot B:** Crack Repair and Seal Coat  
Estimated Project Cost: \$69,600.00

**Lot C:** Crack Repair and Seal Coat  
Estimated Project Cost: \$26,200.00

**Lot D:** Crack Repair and Seal Coat  
Estimated Project Cost: \$9,600.00

**Lot E:** Crack Repair and Seal Coat  
Estimated Project Cost: \$73,100.00

**Lot F:** Crack Repair and Seal Coat  
Estimated Project Cost: \$36,000.00

**Lot G:** Crack Repair and Seal Coat  
Estimated Project Cost: \$13,000.00

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

**Legend**

**Parking Lots**

|  |                |  |               |
|--|----------------|--|---------------|
|  | 10 - Excellent |  | 4 - Fair      |
|  | 9 - Excellent  |  | 3 - Poor      |
|  | 8 - Very Good  |  | 2 - Very Poor |
|  | 7 - Good       |  | 1 - Failed    |
|  | 6 - Good       |  | Gravel        |
|  | 5 - Fair       |  | Not Rated     |

**Pedestrian Ramp**

|  |   |
|--|---|
|  | 1: No cracks, no obstacles, less than 1/4" lip at curb line   |
|  | 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
|  | 3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
|  | 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

**Sidewalks**

|  |  |
|--|--|
|  | Not Rated  |
|  | 1: Sidewalk is smooth with no vertical discontinuities   |
|  | 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
|  | 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
|  | 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

**Curb**

|  |                             |
|--|-----------------------------|
|  | Not Rated                   |
|  | Good - No Action Needed     |
|  | Fair - Spot Repair Required |
|  | Poor - Replacement Required |

Crosswalk

Parcels

0 100 Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

| Maintenance Recommendation               |                                      |
|--|--------------------------------------|
| <b>Lot A:</b> Crack Repair and Seal Coat | Estimated Project Cost: \$139,900.00 |
| <b>Lot B:</b> Joint and Crack Repair     | Estimated Project Cost: \$89,700.00  |
| <b>Lot C:</b> Mill and Overlay           | Estimated Project Cost: \$279,100.00 |
| <b>Lot D:</b> Crack Repair and Seal Coat | Estimated Project Cost: \$179,200.00 |
| <b>Lot E:</b> Mill and Overlay           | Estimated Project Cost: \$164,900.00 |
| <b>Lot F:</b> Mill and Overlay           | Estimated Project Cost: \$67,400.00  |
| <b>Lot G:</b> Crack Repair and Seal Coat | Estimated Project Cost: \$36,700.00  |
| <b>Lot H:</b> N/A                        | Estimated Project Cost:              |
| <b>Lot I:</b> N/A                        | Estimated Project Cost:              |
| <b>Lot J:</b> N/A                        | Estimated Project Cost:              |
| <b>Lot K:</b> N/A                        | Estimated Project Cost:              |

Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay

Rating 5-6 (Conc.): Panel Replacement

Rating 7-10 (Bit.): Crack Repair & Seal Coat

Rating 7-10 (Conc.): Joint & Crack Repair

Legend

- Parking Lots**
- |                |               |
|----------------|---------------|
| 10 - Excellent | 4 - Fair      |
| 9 - Excellent  | 3 - Poor      |
| 8 - Very Good  | 2 - Very Poor |
| 7 - Good       | 1 - Failed    |
| 6 - Good       | Gravel        |
| 5 - Fair       | Not Rated     |

**Pedestrian Ramp**

- |   |
|---|
| 1: No cracks, no obstacles, less than 1/4" lip at curb line   |
| 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
| 3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
| 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

**Sidewalks**

- |  |
|--|
| Not Rated  |
| 1: Sidewalk is smooth with no vertical discontinuities   |
| 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
| 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
| 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

**Curb**

- |                             |
|-----------------------------|
| Not Rated                   |
| Good - No Action Needed     |
| Fair - Spot Repair Required |
| Poor - Replacement Required |
| Crosswalk                   |
| Parcels                     |

0 100  
Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



Maintenance Recommendation

**Lot A:** Mill and Overlay  
Estimated Project Cost: \$259,500.00

**Lot B:** Mill and Overlay  
Estimated Project Cost: \$463,900.00

**Lot C:** Mill and Overlay  
Estimated Project Cost: \$353,000.00

**Lot D:** Mill and Overlay  
Estimated Project Cost: \$155,900.00

**Lot E:** Mill and Overlay  
Estimated Project Cost: \$119,000.00

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:





**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair






Legend

- Parking Lots**
- |  |                |   |               |
|--|----------------|---|---------------|
|  | 10 - Excellent |  | 4 - Fair      |
|  | 9 - Excellent  |  | 3 - Poor      |
|  | 8 - Very Good  |  | 2 - Very Poor |
|  | 7 - Good       |  | 1 - Failed    |
|  | 6 - Good       |  | Gravel        |
|  | 5 - Fair       |  | Not Rated     |







**Pedestrian Ramp**

- |  |   |
|--|---|
|  | 1: No cracks, no obstacles, less than 1/4" lip at curb line   |
|  | 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
|  | 3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
|  | 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

**Sidewalks**

- |  |  |
|--|--|
|  | Not Rated  |
|  | 1: Sidewalk is smooth with no vertical discontinuities   |
|  | 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
|  | 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
|  | 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

**Curb**

- |  |                             |
|--|-----------------------------|
|  | Not Rated                   |
|  | Good - No Action Needed     |
|  | Fair - Spot Repair Required |
|  | Poor - Replacement Required |
|  | Crosswalk                   |
|  | Parcels                     |

0 50  
Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



Maintenance Recommendation

**Lot A:** Mill and Overlay  
Estimated Project Cost: \$204,800.00

**Lot B:** Mill and Overlay  
Estimated Project Cost: \$118,600.00

**Lot C:** N/A  
Estimated Project Cost:

**Lot D:** N/A  
Estimated Project Cost:

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

Legend

- Parking Lots**
- |  |                |  |               |
|--|----------------|--|---------------|
|  | 10 - Excellent |  | 4 - Fair      |
|  | 9 - Excellent  |  | 3 - Poor      |
|  | 8 - Very Good  |  | 2 - Very Poor |
|  | 7 - Good       |  | 1 - Failed    |
|  | 6 - Good       |  | Gravel        |
|  | 5 - Fair       |  | Not Rated     |

**Pedestrian Ramp**

- |  |   |
|--|---|
|  | 1: No cracks, no obstacles, less than 1/4" lip at curb line   |
|  | 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
|  | 3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
|  | 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

**Sidewalks**

- |  |  |
|--|--|
|  | Not Rated  |
|  | 1: Sidewalk is smooth with no vertical discontinuities   |
|  | 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
|  | 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
|  | 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

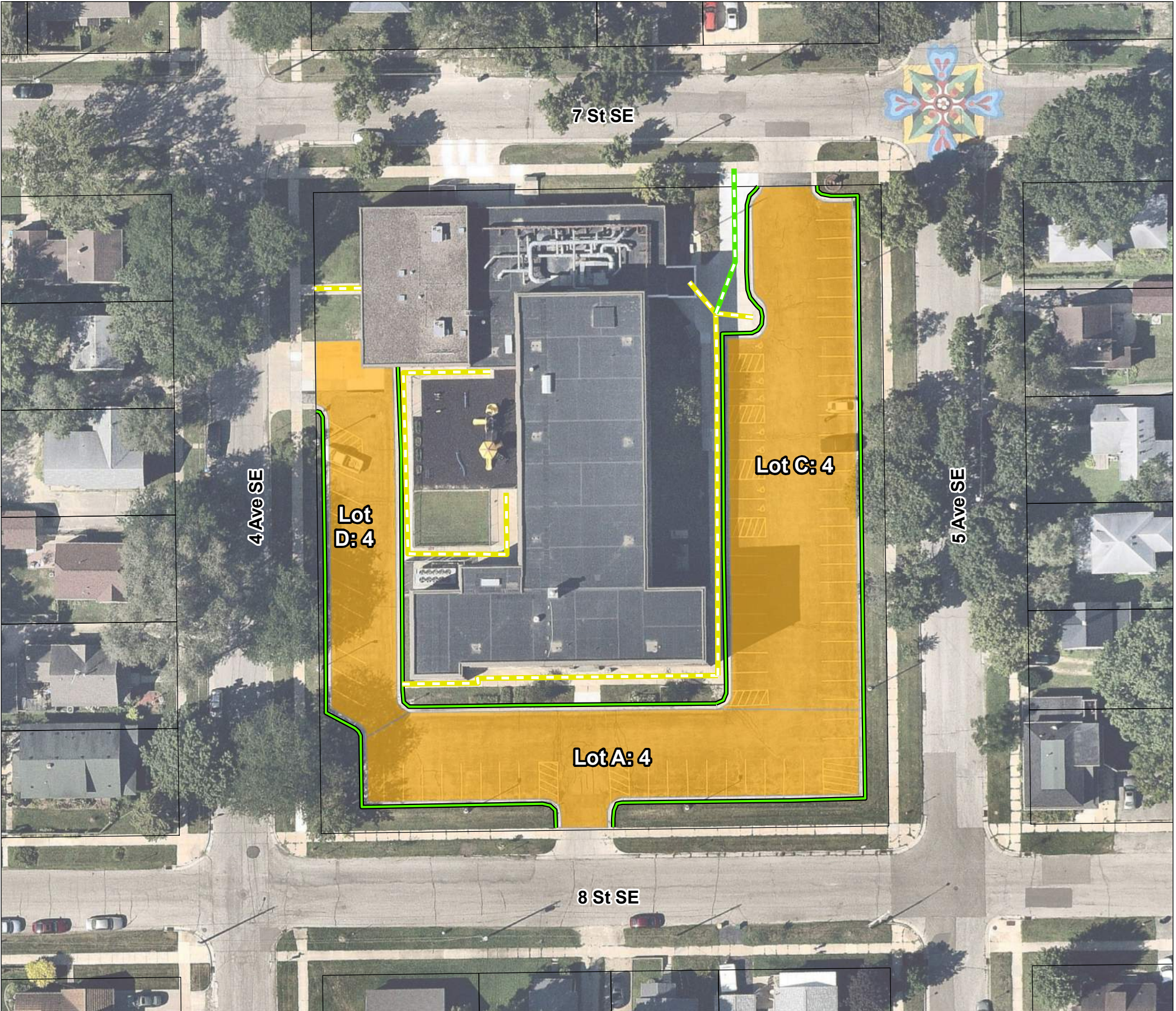
**Curb**

- |  |                             |
|--|-----------------------------|
|  | Not Rated                   |
|  | Good - No Action Needed     |
|  | Fair - Spot Repair Required |
|  | Poor - Replacement Required |

- |  |           |
|--|-----------|
|  | Crosswalk |
|  | Parcels   |

0 50  
Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



Maintenance Recommendation

**Lot A:** Reconstruction  
Estimated Project Cost: \$200,900.00

**Lot B:** N/A  
Estimated Project Cost:

**Lot C:** Reconstruction  
Estimated Project Cost: \$349,100.00

**Lot D:** Reconstruction  
Estimated Project Cost: \$180,400.00

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

**Legend**

**Parking Lots**

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

**Pedestrian Ramp**

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

**Sidewalks**

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

**Curb**

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0100

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

Map Document: \\Arcserver1\GIS\ROCHSD\_ED\_MNH15122357\ESRI\Maps\ROCHSD\_ED\_MN\_PavementRatings\_11x17.mxd

Date Saved: 10/29/2020 4:36:30 PM

**Maintenance Recommendation**

**Lot A:** Crack Repair and Seal Coat  
Estimated Project Cost: \$353,800.00

**Lot B:** N/A  
Estimated Project Cost:

**Lot C:** Crack Repair and Seal Coat  
Estimated Project Cost: \$79,400.00

**Lot D:** N/A  
Estimated Project Cost:

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay

Rating 5-6 (Conc.): Panel Replacement

Rating 7-10 (Bit.): Crack Repair & Seal Coat

Rating 7-10 (Conc.): Joint & Crack Repair

Legend

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0

100

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

Maintenance Recommendation

**Lot A:** Mill and Overlay  
Estimated Project Cost: \$191,000.00

**Lot B:** Crack Repair and Seal Coat  
Estimated Project Cost: \$92,800.00

**Lot C:** Mill and Overlay  
Estimated Project Cost: \$21,600.00

**Lot D:** N/A  
Estimated Project Cost:

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

Legend

Parking Lots

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

Pedestrian Ramp

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Sidewalks

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Curb

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

050

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

Maintenance Recommendation

**Lot A:** Crack Repair and Seal Coat  
Estimated Project Cost: \$186,100.00

**Lot B:** Crack Repair and Seal Coat  
Estimated Project Cost: \$160,200.00

**Lot C:** Mill and Overlay  
Estimated Project Cost: \$133,100.00

**Lot D:** Reconstruction  
Estimated Project Cost: \$84,900.00

**Lot E:** Mill and Overlay  
Estimated Project Cost: \$57,500.00

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

Legend

- Parking Lots**
- |  |                |  |               |
|--|----------------|--|---------------|
|  | 10 - Excellent |  | 4 - Fair      |
|  | 9 - Excellent  |  | 3 - Poor      |
|  | 8 - Very Good  |  | 2 - Very Poor |
|  | 7 - Good       |  | 1 - Failed    |
|  | 6 - Good       |  | Gravel        |
|  | 5 - Fair       |  | Not Rated     |

- Pedestrian Ramp**
- |  |   |
|--|---|
|  | 1: No cracks, no obstacles, less than 1/4" lip at curb line   |
|  | 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
|  | 3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
|  | 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

- Sidewalks**
- |  |  |
|--|--|
|  | Not Rated  |
|  | 1: Sidewalk is smooth with no vertical discontinuities   |
|  | 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
|  | 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
|  | 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

- Curb**
- |  |                             |
|--|-----------------------------|
|  | Not Rated                   |
|  | Good - No Action Needed     |
|  | Fair - Spot Repair Required |
|  | Poor - Replacement Required |
|  | Crosswalk                   |
|  | Parcels                     |

0 150  
Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



Maintenance Recommendation

**Lot A:** Mill and Overlay  
Estimated Project Cost: \$854,600.00

**Lot B:** Joint and Crack Repair  
Estimated Project Cost: \$46,200.00

**Lot C:** Mill and Overlay  
Estimated Project Cost: \$494,100.00

**Lot D:** Panel Replacement  
Estimated Project Cost: \$70,200.00

**Lot E:** Joint and Crack Repair  
Estimated Project Cost: \$90,200.00

**Lot F:** Panel Replacement  
Estimated Project Cost: \$193,400.00

**Lot G:** Joint and Crack Repair  
Estimated Project Cost: \$722,200.00

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

Legend

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0

100

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

North Arrow

Map Document: \\Arcserver1\GIS\ROCHSD\_ED\_MN\H15122357\ESRI\Maps\ROCHSD\_ED\_MN\_PavementRatings\_11x17.mxd

Date Saved: 10/29/2020 4:36:30 PM

| Maintenance Recommendation |  |
|----------------------------|--|
| Lot A:                     | Crack Repair and Seal Coat<br>Estimated Project Cost: \$220,200.00 |
| Lot B:                     | Crack Repair and Seal Coat<br>Estimated Project Cost: \$56,900.00  |
| Lot C:                     | Crack Repair and Seal Coat<br>Estimated Project Cost: \$155,200.00 |
| Lot D:                     | Crack Repair and Seal Coat<br>Estimated Project Cost: \$162,800.00 |
| Lot E:                     | Crack Repair and Seal Coat<br>Estimated Project Cost: \$257,000.00 |
| Lot F:                     | N/A<br>Estimated Project Cost:                                     |
| Lot G:                     | N/A<br>Estimated Project Cost:                                     |
| Lot H:                     | N/A<br>Estimated Project Cost:                                     |
| Lot I:                     | N/A<br>Estimated Project Cost:                                     |
| Lot J:                     | N/A<br>Estimated Project Cost:                                     |
| Lot K:                     | N/A<br>Estimated Project Cost:                                     |

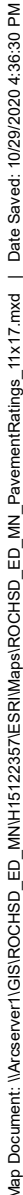
Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay

Rating 5-6 (Conc.): Panel Replacement

Rating 7-10 (Bit.): Crack Repair & Seal Coat

Rating 7-10 (Conc.): Joint & Crack Repair



**Legend**

**Parking Lots**

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

**Pedestrian Ramp**

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

**Sidewalks**

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

**Curb**

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0100

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

| Maintenance Recommendation |  |
|----------------------------|--|
| Lot A:                     | Mill and Overlay<br>Estimated Project Cost: \$52,700.00  |
| Lot B:                     | Mill and Overlay<br>Estimated Project Cost: \$243,000.00 |
| Lot C:                     | Mill and Overlay<br>Estimated Project Cost: \$92,800.00  |
| Lot D:                     | Reconstruction<br>Estimated Project Cost: \$337,800.00   |
| Lot E:                     | Panel Replacement<br>Estimated Project Cost: \$51,100.00 |
| Lot F:                     | Mill and Overlay<br>Estimated Project Cost: \$124,300.00 |
| Lot G:                     | Mill and Overlay<br>Estimated Project Cost: \$25,200.00  |
| Lot H:                     | N/A<br>Estimated Project Cost:                           |
| Lot I:                     | N/A<br>Estimated Project Cost:                           |
| Lot J:                     | N/A<br>Estimated Project Cost:                           |
| Lot K:                     | N/A<br>Estimated Project Cost:                           |

Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay

Rating 5-6 (Conc.): Panel Replacement

Rating 7-10 (Bit.): Crack Repair & Seal Coat

Rating 7-10 (Conc.): Joint & Crack Repair

**Legend**

**Parking Lots**

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

**Pedestrian Ramp**

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

**Sidewalks**

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

**Curb**

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0250

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



| Maintenance Recommendation |  |
|----------------------------|--|
| Lot A:                     | Joint and Crack Repair<br>Estimated Project Cost: \$41,000.00      |
| Lot B:                     | Panel Replacement<br>Estimated Project Cost: \$380,300.00          |
| Lot C:                     | Panel Replacement<br>Estimated Project Cost: \$104,700.00          |
| Lot D:                     | Reconstruction<br>Estimated Project Cost: \$455,400.00             |
| Lot E:                     | Panel Replacement<br>Estimated Project Cost: \$159,500.00          |
| Lot F:                     | Reconstruction<br>Estimated Project Cost: \$556,600.00             |
| Lot G:                     | Reconstruction<br>Estimated Project Cost: \$180,900.00             |
| Lot H:                     | Mill and Overlay<br>Estimated Project Cost: \$289,400.00           |
| Lot I:                     | Crack Repair and Seal Coat<br>Estimated Project Cost: \$218,100.00 |
| Lot J:                     | Reconstruction<br>Estimated Project Cost: \$2,932,100.00           |
| Lot K:                     | Mill and Overlay<br>Estimated Project Cost: \$111,300.00           |

Rating 1-4: Reconstruction

Rating 5-6 (Bit.): Mill & Overlay

Rating 5-6 (Conc.): Panel Replacement

Rating 7-10 (Bit.): Crack Repair & Seal Coat

Rating 7-10 (Conc.): Joint & Crack Repair

Legend

- Parking Lots**
- |  |                |  |               |
|--|----------------|--|---------------|
|  | 10 - Excellent |  | 4 - Fair      |
|  | 9 - Excellent  |  | 3 - Poor      |
|  | 8 - Very Good  |  | 2 - Very Poor |
|  | 7 - Good       |  | 1 - Failed    |
|  | 6 - Good       |  | Gravel        |
|  | 5 - Fair       |  | Not Rated     |

**Pedestrian Ramp**

- |  |   |
|--|---|
|  | 1: No cracks, no obstacles, less than 1/4" lip at curb line   |
|  | 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"  |
|  | 3: Cracks create unlevel ramp surface, weeds may be present in cracks   |
|  | 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2" |

**Sidewalks**

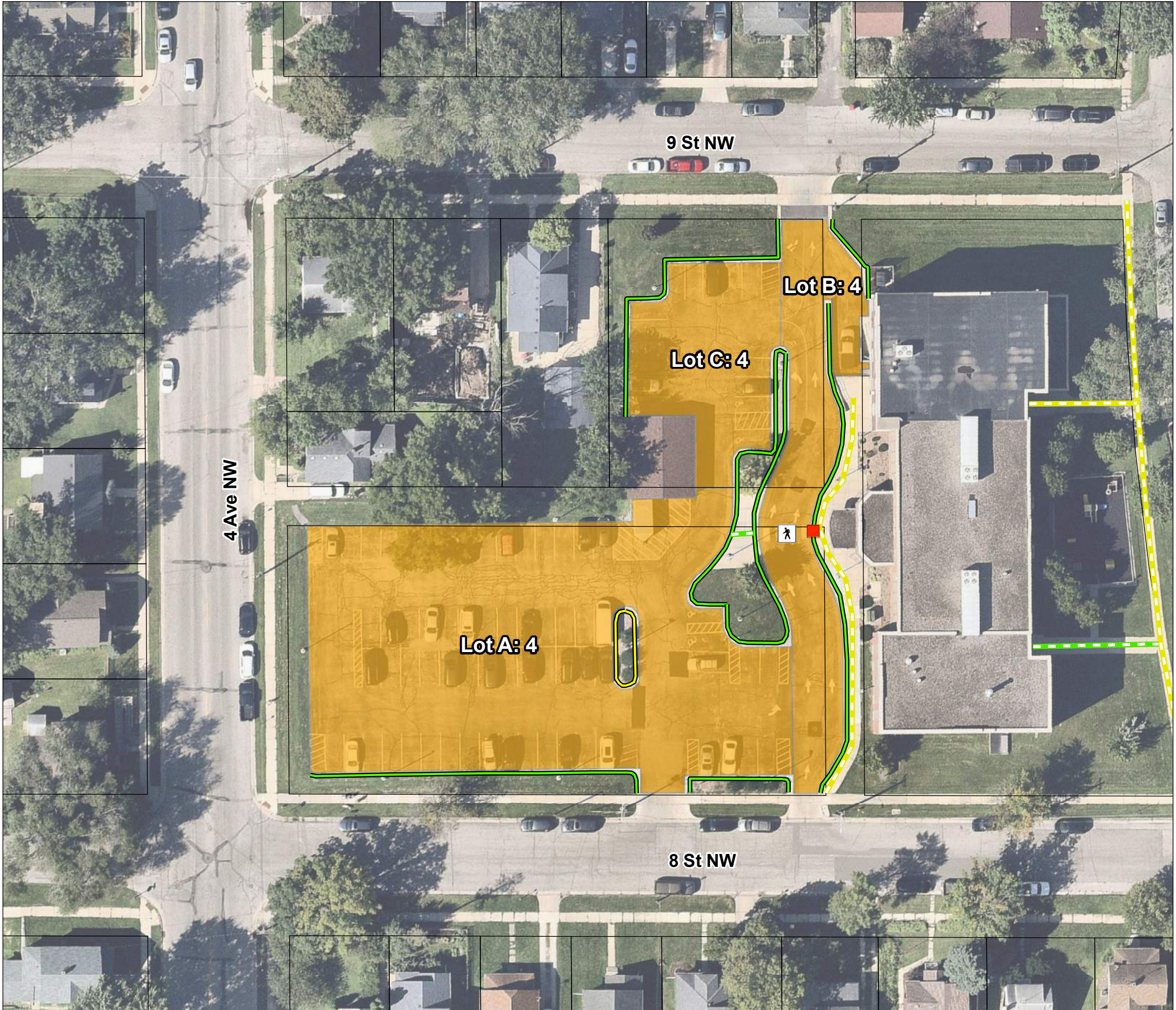
- |  |  |
|--|--|
|  | Not Rated  |
|  | 1: Sidewalk is smooth with no vertical discontinuities   |
|  | 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable |
|  | 3: Sidewalk has vertical discontinuities more than 1/2 inch                                    |
|  | 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots     |

**Curb**

- |  |                             |
|--|-----------------------------|
|  | Not Rated                   |
|  | Good - No Action Needed     |
|  | Fair - Spot Repair Required |
|  | Poor - Replacement Required |
|  | Crosswalk                   |
|  | Parcels                     |

0 50  
Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



Maintenance Recommendation

**Lot A:** Reconstruction  
Estimated Project Cost: \$453,700.00

**Lot B:** Reconstruction  
Estimated Project Cost: \$284,900.00

**Lot C:** Reconstruction  
Estimated Project Cost: \$102,500.00

**Lot D:** N/A  
Estimated Project Cost:

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

Legend

Parking Lots

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

Pedestrian Ramp

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Sidewalks

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Curb

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0

50

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

Maintenance Recommendation

Lot A: Mill and Overlay

Estimated Project Cost: \$145,300.00

Lot B: Mill and Overlay

Estimated Project Cost: \$74,000.00

Lot C: Crack Repair and Seal Coat

Estimated Project Cost: \$79,200.00

Lot D: Mill and Overlay

Estimated Project Cost: \$81,800.00

Lot E: N/A

Estimated Project Cost:

Lot F: N/A

Estimated Project Cost:

Lot G: N/A

Estimated Project Cost:

Lot H: N/A

Estimated Project Cost:

Lot I: N/A

Estimated Project Cost:

Lot J: N/A

Estimated Project Cost:

Lot K: N/A

Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair



Legend

Parking Lots

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

Pedestrian Ramp

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

Sidewalks

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

Curb

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0150

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

Map Document: \\Arcserver1\GIS\ROCHSD\_ED\_MNH15122357\ESRI\Maps\ROCHSD\_ED\_MN\_PavementRatings\_11x17.mxd | Date Saved: 10/29/2020 4:36:30 PM

| Maintenance Recommendation  |
|---|
| Lot A: Reconstruction<br>Estimated Project Cost: \$298,800.00   |
| Lot B: Reconstruction<br>Estimated Project Cost: \$227,400.00   |
| Lot C: N/A<br>Estimated Project Cost:   |
| Lot D: N/A<br>Estimated Project Cost:   |
| Lot E: N/A<br>Estimated Project Cost:   |
| Lot F: N/A<br>Estimated Project Cost:   |
| Lot G: N/A<br>Estimated Project Cost:   |
| Lot H: N/A<br>Estimated Project Cost:   |
| Lot I: N/A<br>Estimated Project Cost:   |
| Lot J: N/A<br>Estimated Project Cost:   |
| Lot K: N/A<br>Estimated Project Cost:   |
| Rating 1-4: Reconstruction<br>Rating 5-6 (Bit.): Mill & Overlay<br>Rating 5-6 (Conc.): Panel Replacement<br>Rating 7-10 (Bit.): Crack Repair & Seal Coat<br>Rating 7-10 (Conc.): Joint & Crack Repair |

**Legend**

- Parking Lots**
  - 10 - Excellent
  - 9 - Excellent
  - 8 - Very Good
  - 7 - Good
  - 6 - Good
  - 5 - Fair
- 4 - Fair
  - 3 - Poor
  - 2 - Very Poor
  - 1 - Failed
  - Gravel
  - Not Rated

- Pedestrian Ramp**
- 1: No cracks, no obstacles, less than 1/4" lip at curb line
  - 2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"
  - 3: Cracks create unlevel ramp surface, weeds may be present in cracks
  - 4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

- Sidewalks**
- Not Rated
  - 1: Sidewalk is smooth with no vertical discontinuities
  - 2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable
  - 3: Sidewalk has vertical discontinuities more than 1/2 inch
  - 4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

- Curb**
- Not Rated
  - Good - No Action Needed
  - Fair - Spot Repair Required
  - Poor - Replacement Required
  - Crosswalk
  - Parcels

0 100 Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



**Maintenance Recommendation**

- Lot A:** Mill and Overlay  
Estimated Project Cost: \$297,500.00
- Lot B:** Reconstruction  
Estimated Project Cost: \$114,100.00
- Lot C:** Crack Repair and Seal Coat  
Estimated Project Cost: \$80,900.00
- Lot D:** Joint and Crack Repair  
Estimated Project Cost: \$37,400.00
- Lot E:** N/A  
Estimated Project Cost:
- Lot F:** N/A  
Estimated Project Cost:
- Lot G:** N/A  
Estimated Project Cost:
- Lot H:** N/A  
Estimated Project Cost:
- Lot I:** N/A  
Estimated Project Cost:
- Lot J:** N/A  
Estimated Project Cost:
- Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair



**Legend**

**Parking Lots**

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

**Pedestrian Ramp**

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

**Sidewalks**

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

**Curb**

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk


Parcels

0

50

Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR



Maintenance Recommendation

**Lot A:** Mill and Overlay  
Estimated Project Cost: \$148,400.00

**Lot B:** Crack Repair and Seal Coat  
Estimated Project Cost: \$182,200.00

**Lot C:** Joint and Crack Repair  
Estimated Project Cost: \$11,800.00

**Lot D:** N/A  
Estimated Project Cost:

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

### Legend

#### Parking Lots

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

#### Pedestrian Ramp

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

#### Sidewalks

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

#### Curb

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0 150 Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

The map displays the school campus with various colored overlays indicating pavement conditions. Lot A is yellow (Fair), Lot B is yellow (Fair), Lot C is orange (Poor), Lot D is yellow (Fair), and Lot E is yellow (Fair). Sidewalks are shown with green dashed lines (Good) and yellow dashed lines (Fair). Curbs are shown with green solid lines (Good) and yellow solid lines (Fair). The map also shows surrounding streets and a nearby sports field.

| Maintenance Recommendation |                                      |
|----------------------------|--------------------------------------|
| Lot A: Mill and Overlay    | Estimated Project Cost: \$228,200.00 |
| Lot B: Mill and Overlay    | Estimated Project Cost: \$257,900.00 |
| Lot C: Reconstruction      | Estimated Project Cost: \$604,700.00 |
| Lot D: Mill and Overlay    | Estimated Project Cost: \$291,600.00 |
| Lot E: N/A                 | Estimated Project Cost:              |
| Lot F: N/A                 | Estimated Project Cost:              |
| Lot G: N/A                 | Estimated Project Cost:              |
| Lot H: N/A                 | Estimated Project Cost:              |
| Lot I: N/A                 | Estimated Project Cost:              |
| Lot J: N/A                 | Estimated Project Cost:              |
| Lot K: N/A                 | Estimated Project Cost:              |

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair

### Legend

#### Parking Lots

10 - Excellent

9 - Excellent

8 - Very Good

7 - Good

6 - Good

5 - Fair

4 - Fair

3 - Poor

2 - Very Poor

1 - Failed

Gravel

Not Rated

#### Pedestrian Ramp

1: No cracks, no obstacles, less than 1/4" lip at curb line

2: No cracks, no obstacles, lip at curb line between 1/4" & 1/2"

3: Cracks create unlevel ramp surface, weeds may be present in cracks

4: Ramp has multiple cracks creating rough terrain, concrete chunks missing or surface is spalling, obstacles create difficult navigation, curb lip is more than 1/2"

#### Sidewalks

Not Rated

1: Sidewalk is smooth with no vertical discontinuities

2: Sidewalk has vertical discontinuities less than 1/2 inch, and the surface is still passable

3: Sidewalk has vertical discontinuities more than 1/2 inch

4: Sidewalk is crumbling, has many cracks, and is unpassable for wheelchairs in many spots

#### Curb

Not Rated

Good - No Action Needed

Fair - Spot Repair Required

Poor - Replacement Required

Crosswalk

Parcels

0 50 Feet

Source: Rochester Public Schools, City of Rochester, Olmsted County, MnDOT, MnDNR

**Maintenance Recommendation**

**Lot A:** Reconstruction  
Estimated Project Cost: \$417,800.00

**Lot B:** Reconstruction  
Estimated Project Cost: \$240,900.00

**Lot C:** Reconstruction  
Estimated Project Cost: \$276,800.00

**Lot D:** N/A  
Estimated Project Cost:

**Lot E:** N/A  
Estimated Project Cost:

**Lot F:** N/A  
Estimated Project Cost:

**Lot G:** N/A  
Estimated Project Cost:

**Lot H:** N/A  
Estimated Project Cost:

**Lot I:** N/A  
Estimated Project Cost:

**Lot J:** N/A  
Estimated Project Cost:

**Lot K:** N/A  
Estimated Project Cost:

Rating 1-4: Reconstruction  
Rating 5-6 (Bit.): Mill & Overlay  
Rating 5-6 (Conc.): Panel Replacement  
Rating 7-10 (Bit.): Crack Repair & Seal Coat  
Rating 7-10 (Conc.): Joint & Crack Repair