Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION

June 23, 2022

Ms. Andre Aman, State Airfield Manager<br>Harvard State Airfield<br>P.O. Box 82088<br>Lincoln, NE 68501<br>Subject: Harvard State Airfield<br>Harvard, Nebraska<br>PCI Survey

Dear Ms. Aman:
On May 3 ${ }^{\text {rd }}, 2022$, representatives from the Nebraska Department of Transportation Aeronautics Division (NDOT) visited your airport and conducted a survey of the operational area pavement.

Enclosed is a report containing information on the inspection results. The report is based on the inspector's brief observations, and should not be used as the basis of actual construction or repairs without the consultation and advice of a registered Professional Engineer.

The partial parallel taxiway's condition has worsened since 2019 and now scores as 'Very Poor;' similarly, the north connector's rating has fallen from Satisfactory to Fair. The apron's apparent improvement from Poor to Fair is more a reflection of the larger number of samples surveyed, and a recent sweeping of FOD, than a genuine improvement in condition.

The entire airport is to be rehabilitated by 2025 (except for the new hangar taxilanes, T3-1), starting with the partial parallel taxiway in 2024.

We encourage you to keep the pavement on a maintenance schedule to preserve the pavement for as many years as possible.

Please feel free to contact this office if you have any questions with regard to the enclosed report, or if you would like to request assistance for any future needs.

Sincerely,
Nebraska Department of Transportation
Pre didnet
Dave Lehnert
Liaison Technician II
Aeronautics Division
Nebraska Department of Transportation
OFFICE 402-471-7928
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## John R. Selmer. P.E. Directo

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| MAILING ADDRESS | PHYSICAL address | PHoNE 402-471-4567 |
| :--- | :--- | :--- |
| PO Box 94759 | 1500 Highway 2 | EMAIL NDOTContactUs@nebraska.gov | FAX $402 \cdot 471 \cdot 2906$

## Harvard State Airfield

SUGGESTED MAINTENANCE, 2023-2025
The partial parallel taxiway is to be rehabilitated in 2024; remaining pavement (apron, connectors, runway) is scheduled for rehab in 2025. As these projects are completed, budget dedicated to pavement maintenance can drop. In the meantime, perform only emergency and stopgap pavement repairs.

The table below includes estimated costs for annual maintenance plus reserves for future projects.
(Concrete maintenance includes crack \& joint sealing, patching, and panel replacement.)
(Asphalt maintenance includes crack sealing, patching, and full-depth repair.)

| Annual Maintenance / Future Projects | Year | Est. Cost |
| :--- | ---: | ---: |
| Concrete, Asphalt pavement maintenance as needed / Rehab N. Parallel Txwy, Apron \& Txwys, Rwy | 2023 | $\$ 280,400$ |
| Concrete, Asphalt pavement maintenance as needed / Rehab Apron \& Taxiways, Runway | 2024 | $\$ 276,000$ |
| Concrete, Asphalt pavement maintenance as needed / Rehab Apron \& Taxiways, Runway | 2025 | $\$ 259,600$ |

Estimated three year total
\$816,000
(The above chart is offered only as a general guideline under ideal funding conditions; NDA understands local economies may not have the resources for the projected costs, and emphasizes the "as needed" nature of the suggested maintenance).

Please read carefully the "Pavement Maintenance Recommendations" of FAA Regional Paving Engineer, Doug Johnson, listed below;

It is the responsibility of the owners of the airport to:
Perform regular general maintenance activities and to immediately correct any situation that poses a safety hazard.

To prolong pavement life the following strategies should be implemented:

1. Conduct an aggressive campaign against weed growth. Vegetation growing in pavement cracks is very destructive and significantly increases the rate of pavement deterioration.
2. Implement a regular crack sealing and joint sealing program. Keeping water and debris out of the pavement system is a proven method for extending the life of the pavement system.
3. Closely monitor pavement loads. In addition to aircraft loads pay particular attention to: farming, construction, maintenance \& snow removal and fueling equipment to make sure that they are only operating on pavements designed to accommodate these loads. Note this may require that you limit the size of snow removal equipment. Failure to restrict heavy loads to appropriate areas may result in the premature failure of airport pavements.
4. Maintain positive drainage away from pavements. Ensure that water can drain away from pavements and not held at the edge of pavements by allowing dirt to build up at the edge of pavements. Also make sure that edge drain outlets are clear and any drainage structures are clear.


Pavement Database: NDOT_PAVER_2021_4_1_ NetworkId: 08K

| Branch ID | Section ID | Last Const. <br> Date | Surface | Use | Rank | Lanes | True Area <br> (SqFt) | Last <br> Inspection <br> Date | Age At <br> Inspec <br> tion | PCI |
| :--- | :--- | ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HVDA1 | 01 | $7 / 1 / 1942$ | PCC | APRON | P | 0 | $174,840.00$ | $5 / 3 / 2022$ | 80 | 63 |
| HVDR1 | 01 | $7 / 16 / 1999$ | APC | RUNWAY | P | 0 | $222,000.00$ | $5 / 3 / 2022$ | 23 | 73 |
| HVDT1 | 01 | $7 / 1 / 1942$ | PCC | TAXIWAY | S | 0 | $42,000.00$ | $5 / 3 / 2022$ | 80 | 39 |
| HVDT2 | 01 | $7 / 16 / 1999$ | AAC | TAXIWAY | S | 0 | $12,748.00$ | $5 / 3 / 2022$ | 23 | 59 |
| HVDT2 | 02 | $7 / 16 / 1999$ | AAC | TAXIWAY | P | 0 | $14,150.00$ | $5 / 3 / 2022$ | 23 | 64 |
| HVDT3 | 01 | $8 / 6 / 2021$ | PCC | TAXIWAY | S | 0 | $26,759.00$ | $5 / 3 / 2022$ | 1 | 98 |

Pavement Database: NDOT_PAVER_2021_4_1_

| Age Category | Average Age at <br> Inspection | Total Area (SqFt) | Number of <br> Sections | Arithmetic <br> Average PCI | Standard <br> Deviation PCI | Weighted <br> Average PCI |
| :---: | :---: | ---: | ---: | ---: | ---: | ---: |
| $00-02$ | 1 | $26,759.00$ | 1 | 98.00 | 0.00 | 98.00 |
| $21-25$ | 23 | $248,898.00$ | 3 | 65.33 | 5.79 | 71.77 |
| $50+$ | 80 | $216,840.00$ | 2 | 51.00 | 12.00 | 58.35 |
| ALL | 38 | $492,497.00$ | 6 | 66.00 | 17.63 | 67.29 |

## Re-Inspection Report

NDOT_PAVER_2021_4_1_
Generated Date
6/15/2022
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| Last Insp. Date: 5/3/2022 | TotalSamples: | 47 | Surveyed: 32 |
| :---: | :---: | :---: | :---: |
| Conditions: PCI: 63 |  |  |  |
| Inspection Comments: |  |  |  |

## Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | M | 1.00 | Slabs |
| 75 | CORNER SPALL | H | 1.00 | Slabs |


| Sample Number: 002 | Type: | R | Area: | PCI: 87 | Slabs | 20.00 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | ---: | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 65 | JT SEAL DMG | M | 20.00 | Slabs |


| Sample Number: 004 | Type: | R | Area: | 12.00 Slabs | PCI: | 72 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Sample Comments: |  |  |  |  |  |  |  |
| 62 | CORNER BREAK |  | L |  |  |  |  |
| 62 | CORNER BREAK | M | 1.00 | Slabs |  |  |  |
| 63 | LINEAR CR | M | 1.00 | Slabs |  |  |  |
| Sample Number: 006 |  | Type: | R | 1.00 | Slabs |  |  |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |


| Sample Number: 007 | Type: | R | Area: | 20.00 Slabs | PCI: | 91 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Sample Comments: |  |  |  |  |  |  |


| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |


| Sample Number: 011 | Type: | R | Area: | 20.00 Slabs | PCI: 95 |
| :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 74 | JOINT SPALL | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |


| Sample Number: 012 | Type: | R | Area: | PCI: 95 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Sample Number: 014 | Type: | R | Area: | 20.00 Slabs | PCI: | 41 |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | H | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |


| Sample Number: | 015 | Type: | R | Area: | 20.00 Slabs | PCI: 57 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | ---: | :--- |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 65 | JT SEAL DMG | M | 20.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |




## Sample Comments:

| 66 | SMALL PATCH | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |


| Sample Number: 028 | Type: | R | Area: | 20.00 Slabs | PCI: | 80 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 66 | SMALL PATCH | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |


| Sample Number: 030 | Type: | R | Area: | 20.00 Slabs | PCI: |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 70 | SCALING | M | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |


| Sample Number: 031 | Type: | R | Area: | PCI: 37 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | H | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 70 | SCALING | M | 1.00 | Slabs |
| 70 | SCALING | H | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |


| Sample Number: | 033 | Type: | R | Area: | 20.00 Slabs | PCI: 50 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Sample Comments:

| 63 | LINEAR CR | M | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 64 | DURABIL. CR | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 70 | SCALING | M | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | 1.00 | Slabs |  |


| 75 | CORNER SPALL | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 75 | CORNER SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |


| Sample Number: 035 | Type: | R | Area: | 20.00 Slabs | PCI: 85 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 66 | SMALL PATCH | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |


| Sample Number: 036 | Type: | R | Area: | PCI: 98 | Slabs | 20.00 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:



## Sample Comments:

| 63 | LINEAR CR | M | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | 1.00 | Slabs |  |


| Sample Number: | 042 | Type: | R | Area: | PCI: 45 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 62 | CORNER BREAK | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 64 | DURABIL. CR | L | 1.00 | Slabs |
| 64 | DURABIL. CR | L | 1.00 | Slabs |


| 66 | SMALL PATCH | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | H | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |


| Sample Number: 043 | Type: | R | Area: | 20.00 Slabs | PCI: | 39 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 64 | DURABIL. CR | L | 1.00 | Slabs |
| 64 | DURABIL. CR | M | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 67 | LARGE PATCH | M | 1.00 | Slabs |
| 70 | SCALING | H | 1.00 | Slabs |
| 70 | SCALING | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | H | 1.00 | Slabs |
| 75 | CORNER SPALL | 1.00 | Slabs |  |


| Sample Number: 044 | Type: | R | Area: | PCI: 60 |
| :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 63 | LINEAR CR | M | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 70 | SCALING | M | 1.00 | Slabs |
| 70 | SCALING | M | 1.00 | Slabs |
| 70 | SCALING | M | 1.00 | Slabs |
| 70 | SCALING | H | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |


| Sample Number: 045 | Type: | R | Area: | 20.00 Slabs | PCI: 57 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL | H | 1.00 | Slabs |


| Sample Number: | 046 | Type: | R | Area: | PCI: 49 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 63 | LINEAR CR |
| :--- | :--- |
| 63 | LINEAR CR |
| 66 | SMALL PATCH |
| 66 | SMALL PATCH |
| 66 | SMALL PATCH |
| 66 | SMALL PATCH |


| L | 1.00 | Slabs |
| :--- | :--- | :--- |
| M | 1.00 | Slabs |
| L | 1.00 | Slabs |
| L | 1.00 | Slabs |
| L | 1.00 | Slabs |
| L | 1.00 | Slabs |


| 66 | SMALL PATCH | M | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 66 | SMALL PATCH | H | 1.00 | Slabs |
| 66 | SMALL PATCH | H | 1.00 | Slabs |
| 70 | SCALING | M | 1.00 | Slabs |
| 72 | SHAT. SLAB | M | 1.00 | Slabs |
| 74 | JOINT SPALL | H | 1.00 | Slabs |


| Sample Number: 047 | Type: | R | Area: | PCI: | 48 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | M | 1.00 | Slabs |
| 67 | LARGE PATCH | M | 1.00 | Slabs |
| 72 | SHAT. SLAB | M | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |



| Last Insp. Date: 5/3/2022 |  | TotalSamples: 45 | Surveyed: 13 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Conditions: PCI: 73 |  |  |  |  |  |  |  |
| Inspection Comments: |  |  |  |  |  |  |  |
| Sample Number: 001 | Type: | R | Area: | 4980.00 SqFt | PCI: 76 |  |  |


| Sample Number: 001 | Type: | R | Area: |  | 0.00 S | PCI. 76 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sample Comments: |  |  |  |  |  |  |  |
| 47 JT REF. CR |  |  | 775.00 | Ft |  |  |  |
| 48 L \& T CR |  |  | 298.00 | Ft |  |  |  |
| Sample Number: 004 | Type: | R |  | Area: | 4980.00 SqFt | PCI: | 77 |
| Sample Comments: |  |  |  |  |  |  |  |
| 47 JT REF. CR |  |  | 715.00 | Ft |  |  |  |
| 48 L \& T CR |  |  | 315.00 | Ft |  |  |  |
| Sample Number: 006 | Type: | R |  | Area: | 4980.00 SqFt | PCI: | 78 |
| Sample Comments: |  |  |  |  |  |  |  |
| 47 JT REF. CR |  |  | 632.00 | Ft |  |  |  |
| 48 L \& T CR |  |  | 131.00 | Ft |  |  |  |
| Sample Number: 010 | Type: | R |  | Area: | 5000.00 SqFt | PCI: | 67 |

## Sample Comments:

| 43 | BLOCK CR | L | 800.00 | SqFt |
| :--- | :--- | :--- | :--- | :--- |
| 47 | JT REF. CR | L | 775.00 | Ft |
| 48 | L \& T CR | L | 320.00 | Ft |


| Sample Number: 013 | Type: | R | Area: | 5000.00 SqFt | PCI: 66 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:



## Sample Comments:



## Sample Comments:

| 47 | JT REF. CR |
| :--- | :--- |
| 48 | L \& T CR |

$\begin{array}{lll}\mathrm{L} & 632.00 & \mathrm{Ft} \\ \mathrm{L} & 368.00 & \mathrm{Ft}\end{array}$


Last Insp. Date: 5/3/2022 TotalSamples: $11 \quad$ Surveyed: 9

Conditions: PCI: 39
Inspection Comments:

| Sample Number: 001 | Type: | R | Area: | 20.00 Slabs | PCI: |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Sample Comments: |  |  |  |  |  |

## Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 65 | JT SEAL DMG | L | 20.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| Sample Number: 004 |  | R | Area: |  |
| Samp: |  |  |  |  |
| 63 | LINEAR CR |  | L |  |

## Sample Comments:

| 62 | CORNER BREAK | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |


| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | ---: | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 65 | JT SEAL DMG | L | 20.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |


| Sample Number: 006 | Type: | R | Area: | 20.00 Slabs | PCI: | 37 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | ---: | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 65 | JT SEAL DMG | L | 20.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 74 | JOINT SPALL | H | 1.00 | Slabs |
| 75 | CORNER SPALL | L | 1.00 | Slabs |

Sample Number: $008 \quad$ Type: $\quad$ Area: $\quad$ 20.00 Slabs $\quad$ PCI: 24

## Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | ---: | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 65 | JT SEAL DMG | L | 20.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 66 | SMALL PATCH | L | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 74 | JOINT SPALL | 1.00 | Slabs |  |


| 74 | JOINT SPALL | M | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 74 | JOINT SPALL | H | 1.00 | Slabs |
| 74 | JOINT SPALL | H | 1.00 | Slabs |
| 75 | CORNER SPALL | M | 1.00 | Slabs |

Sample Number: $009 \quad$ Type: $\quad$ R $\quad$ Area: $\quad 20.00$ Slabs $\quad$ PCI: 22

## Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | ---: | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 65 | JT SEAL DMG | L | 20.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | M | 1.00 | Slabs |
| 74 | JOINT SPALL | H | 1.00 | Slabs |
| 74 | JOINT SPALL | H | 1.00 | Slabs |
| 74 | JOINT SPALL | H | 1.00 | Slabs |
| 74 | JOINT SPALL | M | 1.00 | Slabs |
| 75 | CORNER SPALL | H | 1.00 | Slabs |
| 75 | CORNER SPALL | H | 1.00 | Slabs |
| 75 | CORNER SPALL | H | 1.00 | Slabs |
| 75 | CORNER SPALL | 1.00 | Slabs |  |


| Sample Number: 010 | Type: | R | Area: | 20.00 Slabs | PCI: 26 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Sample Comments:

| 63 | LINEAR CR | L | 1.00 | Slabs |
| :--- | :--- | :--- | :--- | :--- |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | L | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | M | 1.00 | Slabs |
| 63 | LINEAR CR | H | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 67 | LARGE PATCH | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 72 | SHAT. SLAB | M | 1.00 | Slabs |
| 72 | SHAT. SLAB | L | 1.00 | Slabs |
| 74 | JOINT SPALL | H | 1.00 | Slabs |
| 74 | JOINT SPALL | L | 1.00 | Slabs |
| 75 | CORNER SPALL |  |  |  |


| Sample Number: 011 | Type: | Prea: | PCI: | 52 |
| :--- | :--- | :--- | :--- | :--- | :--- |

## Sample Comments:

| 62 | CORNER BREAK |
| :--- | :--- |
| 63 | LINEAR CR |
| 63 | LINEAR CR |
| 63 | LINEAR CR |
| 63 | LINEAR CR |
| 63 | LINEAR CR |
| 63 | LINEAR CR |
| 63 | LINEAR CR |
| 65 | JT SEAL DMG |
| 72 | SHAT. SLAB |
| 74 | JOINT SPALL |
| 75 | CORNER SPALL |


| 1.00 | Slabs |
| ---: | :--- |
| 1.00 | Slabs |
| 1.00 | Slabs |
| 1.00 | Slabs |
| 1.00 | Slabs |
| 1.00 | Slabs |
| 1.00 | Slabs |
| 1.00 | Slabs |
| 20.00 | Slabs |
| 1.00 | Slabs |
| 1.00 | Slabs |
| 1.00 | Slabs |





Branch A1 Section 1
PCI 1942-2022




```
08K (Harvard NE) Taxiway
    Branch T1 Section 1
PCI 1942-2022
```



Legend
for Major
15 Global
|localized
Inspection



Legend
Fow Major
15 Global

1. Localized

Inspection


## 08K (Harvard NE) Taxiway <br> Branch T2 Section 2

PCI 1972-2022





