



Facility Study Meeting

June 20, 2019 5:00-7:00 p.m.

2nd Floor Boardroom - E.J. McClendon Center

AGENDA

| Item | Description |
|------|---|
| I. | Review minutes of June 4 th for accuracy - Attachment #1 |
| II. | Follow up on items from prior meeting: <ul style="list-style-type: none"> a. Hal Heard meeting with high school students regarding high school visioning b. Special Education visioning session #3 |
| III. | Review Master Plan Summaries / Reports <ul style="list-style-type: none"> a) Paving - Spaulding DeDecker <ul style="list-style-type: none"> • By Building - Attachment #2 • By need - Attachment #3 b) Roofing - CEI (immediate need and by year)- Attachment #4 c) McCarthy & Smith / TMP <ul style="list-style-type: none"> • Visioning / Athletic / Mechanical / Performing Arts - Attachment #5 |
| IV. | Next Steps? |



Facility Study Meeting

June 20, 2019 5:00-7:00 p.m.

2nd Floor Boardroom - E.J. McClendon Center

MINUTES

Recap of June 4 meeting - Debbie Piesz recapped the meeting agenda, minutes, and framed work to date.

Bill Weinrauch of TMP presented the assessment and visioning work

- 1) Beginning step towards bond issue and sinking fund
 - Need further community involvement
 - Forums for prioritization of work (needs vs. wants)
- 2) Building assessment and visioning work
 - Replacement / renovation of existing / new and improved

1. Elementary Schools

- Learning Commons from media centers
 - Specials spaces / dedicated STEM / music / art
 - Gyms and cafeteria(s) - 2 separate rooms
- 3) Dodson selected for 4th preschool hub based on site putting the transportation / vehicular traffic “fits easiest”
 - Need to complete market analysis of births / parents
 - 4) Music rooms versus music on a stage
 - 5) Workman at capacity for an elementary

2. High Schools

Canton HS

- Learning commons and media centers, including ceiling tiles, carpet, LED lighting, furnishings
- Weight rooms and wrestling rooms
- Robotics Lab question came up - no participation to date. Could be part of STEM labs - 2 ½ classrooms

Plymouth HS

- Auxiliary gyms / learning commons

Salem HS

- Gym / weight room
- Performing Arts - dressing rooms, scene shop
- Maker space
- Media Center

Visioning for P-CEP site work -

- Additional varsity stadium
- Discussed remaining Big 6 visioning projects
- Discussed sharing concessions / restrooms / storage building among teams (baseball, softball, soccer, lacrosse)

3. Middle Schools - Visioning #3

- Learning commons / media centers
- STEM / Art / Music / Band / Life skills
- Discussed use of courtyards for collaborative spaces and cost of operations and maintenance for those spaces to be closed in
- Tracks at several buildings to improve activities / regional locations- one north and one south (Liberty)
- Secure entryways for Pioneer / West / update East

Next Steps -

- 1) Need technology / need special education visioning completed
- 2) Need to bring entire group together to share 10 Year master Plans - 7/8/19 or 7/15/19
5:00-7:00 pm (revised to full group on 7/8/19 from 5:00 pm to 7:00 pm)
- 3) Need to prioritize the needs, work to develop a way to apply a rubric for needs to assess needs list / prioritize those needs
 - a) Safety & security
 - b) Opening of schools or buildings
 - c) Strategic plan

| PAVEMENT BY BUILDING | | | | | | | |
|----------------------|---------|--------------------|--------------|---------|--|-------------|-------------------|
| | SEGMENT | CLASS | OCI | SEG SF | REPAIR DESC | COST PER SF | TOTAL COST |
| | AEL-01 | ASPH PVTM | 30 | 26,600 | Full depth asphalt pavement reconstruction inc. aggregate base | \$ 6.50 | \$ 172,900 |
| | AEL-02 | ASPH PVTM | 70 | 13,700 | Seal asphalt pavement cracks and isolated patching | LS | \$ 9,000 |
| | AEL-03 | ASPH PVTM | 70 | 14,200 | Seal asphalt pavement cracks and isolated patching | LS | \$ 9,000 |
| | AEL-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | AEL-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 12,000 |
| TOTAL | | Average OCI | 50.48 | | | | \$ 217,900 |
| BENTLEY ELEMENTARY | BNES-01 | ASPH PVTM | 20 | 48,900 | Full depth asphalt pavement reconstruction inc. aggregate base replacement | \$ 6.50 | \$ 317,850 |
| | BNES-02 | ASPH PVTM | 30 | 43,300 | Seal asphalt pavement cracks and isolated patching | \$ 6.50 | \$ 281,450 |
| | BNES-03 | ASPH PVTM | 80 | 42,200 | Seal asphalt pavement cracks and isolated patching | LS | \$ 27,500 |
| | BNES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | BNES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 41,100 |
| TOTAL | | Average OCI | 42.06 | | | | \$ 682,900 |
| BIRD ELEMENTARY | BIES-01 | ASPH PVTM | 70 | 24,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 7,100 |
| | BIES-02 | ASPH PVTM | 60 | 26,200 | Seal asphalt pavement cracks and isolated patching | LS | \$ 17,000 |
| | BIES-03 | CONCR PVTM | 90 | 7,500 | No repairs requires | LS | \$ - |
| | BIES-04 | ASPH PVTM | 60 | 6,800 | Seal asphalt pavement cracks and isolated patching | LS | \$ 4,500 |
| | BIES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| TOTAL | | Average OCI | 67.21 | | | | \$ 43,600 |
| DODSON ELEMENTARY | DES-01 | ASPH PVTM | 50 | 88,700 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.50 | \$ 221,750 |
| | DES-02 | ASPH PVTM | 40 | 30,000 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.50 | \$ 75,000 |
| | DES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | DES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 10,500 |
| TOTAL | | Average OCI | 47.47 | | | | \$ 322,250 |
| ERIKSSON ELEMENTARY | EES-01 | ASPH PVTM | 50 | 108,000 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.75 | \$ 297,000 |
| | EES-02 | ASPH PVTM | 20 | 9,700 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 63,050 |
| | EES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | EES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 16,500 |
| TOTAL | | Average OCI | 47.53 | | | | \$ 391,550 |
| FARRAND ELEMENTARY | FES-01 | ASPH PVTM | 70 | 61,500 | Seal asphalt pavement cracks and isolated patching | | \$ 40,000 |
| | FES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | | \$ 15,000 |
| TOTAL | | Average OCI | 70 | | | | \$ 55,000 |
| FIELD ELEMENTARY | FIES-01 | ASPH PVTM | 70 | 40,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 26,000 |
| | FIES-02 | ASPH PVTM | 30 | 56,300 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 365,950 |
| | FIES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | FIES-UC | ASPH PVTM | N/A | N/A | General subgrade undercutting allowance | LS | \$ 25,200 |
| | FIES-DR | CONCR SDWLK | N/A | N/A | General drainage improvements allowance | LS | \$ 50,000 |
| TOTAL | | Average OCI | 46.61 | | | | \$ 482,150 |
| GALLIMORE ELEMENTARY | GES-01 | ASPH PVTM | 50 | 32,600 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.50 | \$ 81,500 |
| | GES-02 | ASPH PVTM | 30 | 8,400 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 54,600 |
| | GES-03 | ASPH PVTM | 75 | 37,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 35,000 |
| | GES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | GES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 10,000 |
| | GES-DR | DRAINAGE | N/A | N/A | General drainage improvements allowance | LS | \$ 20,000 |
| TOTAL | | Average OCI | 59.71 | | | | \$ 216,100 |
| HOBEN ELEMENTARY | HES-01 | ASPH PVTM | 20 | 14,500 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 94,250 |
| | HES-02 | ASPH PVTM | 70 | 84,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 55,000 |
| | HES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | HES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 10,000 |
| | HES-DR | DRAINAGE | N/A | N/A | General drainage improvements allowance | LS | \$ 40,000 |
| TOTAL | | Average OCI | 62.64 | | | | \$ 214,250 |
| HULSING ELEMENTARY | HUES-01 | ASPH PVTM | 70 | 55,200 | Seal asphalt pavement cracks and isolated patching | LS | \$ 36,000 |
| | HUES-02 | ASPH PVTM | 25 | 26,000 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 169,000 |
| | HUES-03 | ASPH PVTM | 60 | 10,800 | Seal asphalt pavement cracks and isolated patching | LS | \$ 10,000 |
| | HUES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | HUES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 |
| TOTAL | | Average OCI | 56.11 | | | | \$ 245,000 |
| ISBISTER ELEMENTARY | IES-01 | ASPH PVTM | 90 | 11,500 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | LS | \$ 1,000 |
| | IES-02 | ASPH PVTM | 40 | 19,400 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 2.50 | \$ 48,500 |
| | IES-03 | ASPH PVTM | 60 | 23,600 | Seal asphalt pavement cracks and isolated patching | LS | \$ 20,000 |
| | IES-04 | ASPH PVTM | 85 | 37,000 | General Concrete sidewalk repair allowance | LS | \$ 4,000 |
| | IES-SW | CONCR SDWLK | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 |
| | IES-UC | UNDERCUTTING | N/A | N/A | General drainage improvements allowance | LS | \$ 3,000 |
| TOTAL | | Average OCI | 69.64 | | | | \$ 91,500 |
| MILLER ELEMENTARY | MES-01 | ASPH PVTM | 65 | 60,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 54,000 |
| | MES-02 | ASPH PVTM | 80 | 47,000 | Seal asphalt pavement cracks | LS | \$ 5,000 |
| | MES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | MES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 4,500 |
| TOTAL | | Average OCI | 71.59 | | | | \$ 78,500 |
| SMITH ELEMENTARY | SES-01 | ASPH PVTM | 55 | 34,400 | Seal asphalt pavement cracks and isolated patching | \$ 6.50 | \$ 31,000 |
| | SES-02 | ASPH PVTM | 20 | 19,500 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 126,750 |
| | SES-03 | ASPH PVTM | 20 | 8,600 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 55,900 |
| | SES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | SES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 |
| TOTAL | | Average OCI | 39.26 | | | | \$ 243,650 |
| TONDA ELEMENTARY | TES-01 | ASPH PVTM | 20 | 87,800 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 570,700 |
| | TES-02 | ASPH PVTM | 90 | 44,800 | Seal asphalt pavement cracks | LS | \$ 2,000 |
| | TES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| | TES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 39,000 |
| TOTAL | | Average OCI | 43.65 | | | | \$ 626,700 |
| WORKMAN ELEMENTARY | WES-01 | ASPH PVTM | 60 | 39,600 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | LS | \$ 36,000 |
| | WES-02 | ASPH PVTM | 70 | 23,300 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 9,000 |
| | WES-03 | ASPH PVTM | 20 | 20,200 | Seal asphalt pavement cracks and isolated patching | \$ 6.50 | \$ 131,300 |
| | WES-04 | ASPH PVTM | 65 | 37,000 | General Concrete sidewalk repair allowance | LS | \$ 34,000 |
| | WES-SW | CONCR SDWLK | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 |
| | WES-UC | UNDERCUTTING | N/A | N/A | General drainage improvements allowance | LS | \$ 15,000 |
| TOTAL | | Average OCI | 56.75 | | | | \$ 240,300 |

| | | | | | | | |
|-------------------------|--------|--------------|-------|---------|---|----------|--------------|
| DISCOVERY MIDDLE SCHOOL | DMS-01 | ASPH PVMT | 60 | 34,500 | Seal asphalt pavement cracks and isolated patching | LS | \$ 40,000 |
| | DMS-02 | ASPH PVMT | 30 | 33,700 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 219,050 |
| | DMS-03 | ASPH PVMT | 60 | 73,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 84,000 |
| | DMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 20,000 |
| TOTAL | DMS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 25,000 |
| | | Average OCI | 52.84 | | | | \$ 388,050 |
| EAST MIDDLE SCHOOL | EMS-01 | ASPH PVMT | 20 | 10,100 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 65,650 |
| | EMS-02 | ASPH PVMT | 30 | 43,400 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 282,100 |
| | EMS-03 | ASPH PVMT | 60 | 33,300 | Seal asphalt pavement cracks and isolated patching | LS | \$ 30,000 |
| | EMS-04 | ASPH PVMT | 30 | 57,800 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 375,700 |
| | EMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 20,000 |
| | EMS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 51,600 |
| TOTAL | | Average OCI | 36.21 | | | | \$ 825,050 |
| LIBERTY MIDDLE SCHOOL | LMS-01 | ASPH PVMT | 80 | 178,450 | Seal asphalt pavement cracks and isolated patching | LS | \$ 40,000 |
| | LMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | | \$ 5,000 |
| TOTAL | | Average OCI | 80.00 | | | | \$ 45,000 |
| PIONEER MIDDLE SCHOOL | PMS-01 | ASPH PVMT | 20 | 81,300 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 528,450 |
| | PMS-02 | ASPH PVMT | 60 | 26,400 | Seal asphalt pavement cracks and isolated patching | LS | \$ 17,000 |
| | PMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 20,000 |
| | PMS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 40,000 |
| TOTAL | | Average OCI | 29.81 | | | | \$ 605,450 |
| WEST MIDDLE SCHOOL | WMS-01 | ASPH PVMT | 40 | 52,200 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.75 | \$ 143,550 |
| | WMS-02 | ASPH PVMT | 60 | 33,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 30,000 |
| | WMS-03 | ASPH PVMT | 20 | 21,400 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 139,100 |
| | WMS-04 | ASPH PVMT | 50 | 12,000 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.50 | \$ 30,000 |
| | WMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 20,000 |
| | WMS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 18,000 |
| TOTAL | | Average OCI | 42.97 | | | | \$ 380,650 |
| CANTON HIGH SCHOOL | CHS-01 | ASPH PVMT | 30 | 37,200 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 241,800 |
| | CHS-02 | ASPH PVMT | 90 | 113,200 | Seal asphalt pavement cracks | LS | \$ 2,500 |
| | CHS-03 | ASPH PVMT | 20 | 327,800 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 2,130,700 |
| | CHS-04 | ASPH PVMT | 40 | 1,500 | Full-depth asphalt pavement reconstruction | \$ 12.00 | \$ 18,000 |
| | CHS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 25,000 |
| | CHS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 135,000 |
| | CHS-DR | DRAINAGE | N/A | N/A | General drainage improvements allowance | LS | \$ 35,000 |
| TOTAL | | Average OCI | 37.36 | | | | \$ 2,588,000 |
| PLYMOUTH HIGH SCHOOL | PHS-01 | ASPH PVMT | 30 | 230,000 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 1,495,000 |
| | PHS-02 | ASPH PVMT | 30 | 50,900 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 330,850 |
| | PHS-03 | ASPH PVMT | 20 | 89,300 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 580,450 |
| | PHS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | | \$ 25,000 |
| | PHS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 165,000 |
| TOTAL | | Average OCI | 27.59 | | | | \$ 2,596,300 |
| SALEM HIGH SCHOOL | SHS-01 | ASPH PVMT | 90 | 156,900 | Seal asphalt pavement cracks | LS | \$ 3,000 |
| | SHS-02 | ASPH PVMT | 20 | 31,000 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 201,500 |
| | SHS-03 | ASPH PVMT | 20 | 204,300 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 1,327,950 |
| | SHS-04 | ASPH PVMT | 70 | 17,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 15,000 |
| | SHS-05 | ASPH PVMT | 20 | 17,150 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 111,475 |
| | SHS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 25,000 |
| | SHS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 114,000 |
| | SHS-DR | DRAINAGE | N/A | N/A | General drainage improvements allowance | LS | \$ 35,000 |
| TOTAL | | Average OCI | 47.75 | | | | \$ 1,832,925 |
| STARKWEATHER ACADEMY | SWA-01 | ASPH PVMT | 80 | 23,000 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 3,500 |
| | SWA-02 | ASPH PVMT | 70 | 47,000 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 30,000 |
| | SWA-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| TOTAL | | Average OCI | 73.29 | | | | \$ 48,500 |
| BOARD OFFICE | BO-01 | ASPH PVMT | 60 | 19,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 17,000 |
| | BO-02 | ASPH PVMT | 20 | 12,500 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 81,250 |
| | BO-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 10,000 |
| | BO-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 7,500 |
| TOTAL | | Average OCI | 44.13 | | | | \$ 115,750 |
| MAINTENANCE BUILDING | M-01 | ASPH PVMT | 90 | 7,400 | Seal asphalt pavement cracks | LS | \$ 500 |
| | M-02 | ASPH PVMT | 20 | 2,500 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 16,250 |
| TOTAL | | Average OCI | 72.32 | | | | \$ 16,750 |
| TANGER CENTER | TC-01 | ASPH PVMT | 25 | 9,200 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 59,800 |
| | TC-02 | ASPH PVMT | 20 | 16,300 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 105,950 |
| | TC-03 | ASPH PVMT | 40 | 22,000 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 143,000 |
| | TC-SW | CONCR SDWLK | N/A | N/A | General concrete sidewalk repair allowance | LS | \$ 15,000 |
| | TC-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 21,000 |
| TOTAL | | Average OCI | 30.23 | | | | \$ 344,750 |
| TRANSPORT-ATION | TR-01 | ASPH PVMT | 60 | 170,300 | Seal asphalt pavement cracks and isolated patching | LS | \$ 111,000 |
| | TR-02 | ASPH PVMT | 30 | 8,100 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 52,650 |
| | TR-03 | ASPH PVMT | 60 | 24,800 | Seal asphalt pavement cracks and isolated patching | LS | \$ 16,000 |
| | TR-04 | ASPH PVMT | 20 | 6,600 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 42,900 |
| | TR-SW | CONCR SDWLK | N/A | N/A | General concrete sidewalk repair allowance | LS | \$ 5,000 |
| | TR-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 |
| | | Average OCI | 57.58 | | | | \$ 242,550 |
| TRUESDELL BUILDING | TRD-01 | ASPH PVMT | 20 | 2,900 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 18,850 |
| | TRD-02 | ASPH PVMT | 85 | 570 | No repairs required | LS | \$ - |
| | TRD-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 2,000 |
| TOTAL | | Average OCI | | | | | \$ 20,850 |

GRAND TOTAL \$ 14,201,925

PAVEMENT BY RATING - WORST TO BEST

| BUILDING | SEGMENT | CLASS | OCI | SEG SF | RECOMMENDED REPAIR DESCRIPTION | COST PER SF | TOTAL COST | TOTALS |
|------------------------------|---------|--------------|-----|---------|---|-------------|--------------|----------------------|
| BENTLEY | BNES-01 | ASPH PVMT | 20 | 48,900 | Full depth asphalt pavement reconstruction inc. aggregate base | \$ 6.50 | \$ 317,850 | |
| BOARD | BO-02 | ASPH PVMT | 20 | 12,500 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 81,250 | |
| BOARD | BO-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 10,000 | |
| BOARD | BO-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 7,500 | |
| CANTON | CHS-03 | ASPH PVMT | 20 | 327,800 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 2,130,700 | |
| CANTON | CHS-DR | DRAINAGE | N/A | N/A | General drainage improvements allowance | LS | \$ 35,000 | |
| CANTON | CHS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 25,000 | |
| CANTON | CHS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 135,000 | |
| ERIKSSON | EES-02 | ASPH PVMT | 20 | 9,700 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 63,050 | |
| ERIKSSON | EES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| ERIKSSON | EES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 16,500 | |
| EAST | EMS-01 | ASPH PVMT | 20 | 10,100 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 65,650 | |
| EAST | EMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 20,000 | |
| EAST | EMS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 51,600 | |
| HULSING | HES-01 | ASPH PVMT | 20 | 14,500 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 94,250 | |
| MAINT | M-02 | ASPH PVMT | 20 | 2,500 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 16,250 | |
| PLYMOUTH | PHS-03 | ASPH PVMT | 20 | 89,300 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 580,450 | |
| PLYMOUTH | PHS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 25,000 | |
| PLYMOUTH | PHS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 165,000 | |
| PIONEER | PMS-01 | ASPH PVMT | 20 | 81,300 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 528,450 | |
| PIONEER | PMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 20,000 | |
| PIONEER | PMS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 40,000 | |
| SMITH | SES-02 | ASPH PVMT | 20 | 19,500 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 126,750 | |
| SMITH | SES-03 | ASPH PVMT | 20 | 8,600 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 55,900 | |
| SMITH | SHS-02 | ASPH PVMT | 20 | 31,000 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 201,500 | |
| SMITH | SES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| SMITH | SES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 | |
| SALEM | SHS-03 | ASPH PVMT | 20 | 204,300 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 1,327,950 | |
| SALEM | SHS-05 | ASPH PVMT | 20 | 17,150 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 111,475 | |
| SALEM | SHS-DR | DRAINAGE | N/A | N/A | General drainage improvements allowance | LS | \$ 35,000 | |
| SALEM | SHS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 25,000 | |
| SALEM | SHS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 114,000 | |
| TANGER | TC-02 | ASPH PVMT | 20 | 16,300 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 105,950 | |
| TANGER | TC-SW | CONCR SDWLK | N/A | N/A | General concrete sidewalk repair allowance | LS | \$ 15,000 | |
| TANGER | TC-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 21,000 | |
| TONDA | TES-01 | ASPH PVMT | 20 | 87,800 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 570,700 | |
| TONDA | TES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| TONDA | TES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 39,000 | |
| TRANSP | TR-04 | ASPH PVMT | 20 | 6,600 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 42,900 | |
| TRANSP | TR-SW | CONCR SDWLK | N/A | N/A | General concrete sidewalk repair allowance | LS | \$ 5,000 | |
| TRANSP | TR-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 | |
| TRUESDELL | TRD-01 | ASPH PVMT | 20 | 2,900 | Full-depth pavement reconstruction including aggregate base | \$6.50 | \$ 18,850 | |
| TRUESDELL | TRD-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 2,000 | |
| WORKMAN | WES-SW | CONCR SDWLK | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 | |
| WORKMAN | WES-UC | UNDERCUTTING | N/A | N/A | General drainage improvements allowance | LS | \$ 15,000 | |
| WORKMAN | WES-03 | ASPH PVMT | 20 | 20,200 | Seal asphalt pavement cracks and isolated patching | \$ 6.50 | \$ 131,300 | |
| WEST | WMS-03 | ASPH PVMT | 20 | 21,400 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 139,100 | |
| WEST | WMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 20,000 | |
| WEST | WMS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 18,000 | |
| HULSING | HUES-02 | ASPH PVMT | 25 | 26,000 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 169,000 | |
| HULSING | HUES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| HULSING | HUES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 | |
| TANGER | TC-01 | ASPH PVMT | 25 | 9,200 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 59,800 | |
| ALLEN | AEL-01 | ASPH PVMT | 30 | 26,600 | Full depth asphalt pavement reconstruction inc. aggregate base | \$ 6.50 | \$ 172,900 | |
| ALLEN | AEL-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| ALLEN | AEL-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 12,000 | |
| BENTLEY | BNES-02 | ASPH PVMT | 30 | 43,300 | Seal asphalt pavement cracks and isolated patching | \$ 6.50 | \$ 281,450 | |
| BENTLEY | BNES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| BENTLEY | BNES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 41,100 | |
| CANTON | CHS-01 | ASPH PVMT | 30 | 37,200 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 241,800 | |
| DISCOVERY | DMS-02 | ASPH PVMT | 30 | 33,700 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 219,050 | |
| DISCOVERY | DMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 20,000 | |
| DISCOVERY | DMS-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 25,000 | |
| EAST | EMS-02 | ASPH PVMT | 30 | 43,400 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 282,100 | |
| EAST | EMS-04 | ASPH PVMT | 30 | 57,800 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 375,700 | |
| FIELD | FIES-02 | ASPH PVMT | 30 | 56,300 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 365,950 | |
| FIELD | FIES-DR | CONCR SDWLK | N/A | N/A | General drainage improvements allowance | LS | \$ 50,000 | |
| FIELD | FIES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| FIELD | FIES-UC | ASPH PVMT | N/A | N/A | General subgrade undercutting allowance | LS | \$ 25,200 | |
| GALLIMORE | GES-02 | ASPH PVMT | 30 | 8,400 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 54,600 | |
| GALLIMORE | GES-DR | DRAINAGE | N/A | N/A | General drainage improvements allowance | LS | \$ 20,000 | |
| GALLIMORE | GES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| GALLIMORE | GES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 10,000 | |
| PLYMOUTH | PHS-01 | ASPH PVMT | 30 | 230,000 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 1,495,000 | |
| PLYMOUTH | PHS-02 | ASPH PVMT | 30 | 50,900 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 6.50 | \$ 330,850 | |
| TRANSP | TR-02 | ASPH PVMT | 30 | 8,100 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 52,650 | |
| WORST CONDITION TOTAL | | | | | | | | \$ 12,054,025 |
| CANTON | CHS-04 | ASPH PVMT | 40 | 1,500 | Full-depth asphalt pavement reconstruction | \$ 12.00 | \$ 18,000 | |
| DODSON | DES-02 | ASPH PVMT | 40 | 30,000 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.50 | \$ 75,000 | |
| ISBISTER | IES-02 | ASPH PVMT | 40 | 19,400 | Full-depth asphalt pavement reconstruction including aggregate base | \$ 2.50 | \$ 48,500 | |
| TANGER | TC-03 | ASPH PVMT | 40 | 22,000 | Full-depth pavement reconstruction including aggregate base | \$ 6.50 | \$ 143,000 | |
| WEST | WMS-01 | ASPH PVMT | 40 | 52,200 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.75 | \$ 143,550 | |
| DODSON | DES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 | |
| DODSON | DES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 10,500 | |
| ISBISTER | IES-SW | CONCR SDWLK | N/A | N/A | General subgrade undercutting allowance | LS | \$ 15,000 | |
| ISBISTER | IES-UC | UNDERCUTTING | N/A | N/A | General drainage improvements allowance | LS | \$ 3,000 | |
| DODSON | DES-01 | ASPH PVMT | 50 | 88,700 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.50 | \$ 221,750 | |
| ERIKSSON | EES-01 | ASPH PVMT | 50 | 108,000 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.75 | \$ 297,000 | |
| GALLIMORE | GES-01 | ASPH PVMT | 50 | 32,600 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.50 | \$ 81,500 | |
| WEST | WMS-04 | ASPH PVMT | 50 | 12,000 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | \$ 2.50 | \$ 30,000 | |
| SMITH | SES-01 | ASPH PVMT | 55 | 34,400 | Seal asphalt pavement cracks and isolated patching | \$ 6.50 | \$ 31,000 | |
| BIRD | BIES-02 | ASPH PVMT | 60 | 26,200 | Seal asphalt pavement cracks and isolated patching | LS | \$ 17,000 | |
| BIRD | BIES-04 | ASPH PVMT | 60 | 6,800 | Seal asphalt pavement cracks and isolated patching | LS | \$ 4,500 | |
| BOARD | BO-01 | ASPH PVMT | 60 | 19,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 17,000 | |
| DISCOVERY | DMS-01 | ASPH PVMT | 60 | 34,500 | Seal asphalt pavement cracks and isolated patching | LS | \$ 40,000 | |
| DISCOVERY | DMS-03 | ASPH PVMT | 60 | 73,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 84,000 | |
| EAST | EMS-03 | ASPH PVMT | 60 | 33,300 | Seal asphalt pavement cracks and isolated patching | LS | \$ 30,000 | |
| HULSING | HUES-03 | ASPH PVMT | 60 | 10,800 | Seal asphalt pavement cracks and isolated patching | LS | \$ 10,000 | |
| ISBISTER | IES-03 | ASPH PVMT | 60 | 23,600 | Seal asphalt pavement cracks and isolated patching | LS | \$ 20,000 | |
| PIONEER | PMS-02 | ASPH PVMT | 60 | 26,400 | Seal asphalt pavement cracks and isolated patching | LS | \$ 17,000 | |
| TRANSP | TR-01 | ASPH PVMT | 60 | 170,300 | Seal asphalt pavement cracks and isolated patching | LS | \$ 111,000 | |

| | | | | | | | |
|---------------------------------|---------|--------------|-----|---------|---|----|----------------------|
| TRANSP | TR-03 | ASPH PVTM | 60 | 24,800 | Seal asphalt pavement cracks and isolated patching | LS | \$ 16,000 |
| WORKMAN | WES-01 | ASPH PVTM | 60 | 39,600 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | LS | \$ 36,000 |
| WEST | WMS-02 | ASPH PVTM | 60 | 33,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 30,000 |
| BIRD | BIES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| MILLER | MES-01 | ASPH PVTM | 65 | 60,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 54,000 |
| WORKMAN | WES-04 | ASPH PVTM | 65 | 37,000 | General Concrete sidewalk repair allowance | LS | \$ 34,000 |
| MILLER | MES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| MILLER | MES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | \$ 4,500 |
| MODERATE CONDITION TOTAL | | | | | | | \$ 1,687,800 |
| ALLEN | AEL-02 | ASPH PVTM | 70 | 13,700 | Seal asphalt pavement cracks and isolated patching | LS | \$ 9,000 |
| ALLEN | AEL-03 | ASPH PVTM | 70 | 14,200 | Seal asphalt pavement cracks and isolated patching | LS | \$ 9,000 |
| BIRD | BIES-01 | ASPH PVTM | 70 | 24,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 7,100 |
| FARRAND | FES-01 | ASPH PVTM | 70 | 61,500 | Seal asphalt pavement cracks and isolated patching | | \$ 40,000 |
| FIELD | FIES-01 | ASPH PVTM | 70 | 40,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 26,000 |
| HOBEN | HES-02 | ASPH PVTM | 70 | 84,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 55,000 |
| HOBEN | HES-DR | DRAINAGE | N/A | N/A | General drainage improvements allowance | LS | 40000 |
| HOBEN | HES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | 15000 |
| HOBEN | HES-UC | UNDERCUTTING | N/A | N/A | General subgrade undercutting allowance | LS | 10000 |
| HULSING | HUES-01 | ASPH PVTM | 70 | 55,200 | Seal asphalt pavement cracks and isolated patching | LS | \$ 36,000 |
| SALEM | SHS-04 | ASPH PVTM | 70 | 17,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 15,000 |
| STARKW | SWA-02 | ASPH PVTM | 70 | 47,000 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 30,000 |
| WORKMAN | WES-02 | ASPH PVTM | 70 | 23,300 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 9,000 |
| STARKW | SWA-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| GALLIMORE | GES-03 | ASPH PVTM | 75 | 37,000 | Seal asphalt pavement cracks and isolated patching | LS | \$ 35,000 |
| BENTLEY | BNES-03 | ASPH PVTM | 80 | 42,200 | Seal asphalt pavement cracks and isolated patching | LS | \$ 27,500 |
| LIBERTY | LMS-01 | ASPH PVTM | 80 | 178,450 | Seal asphalt pavement cracks and isolated patching | LS | \$ 40,000 |
| MILLER | MES-02 | ASPH PVTM | 80 | 47,000 | Seal asphalt pavement cracks | LS | \$ 5,000 |
| STARKW | SWA-01 | ASPH PVTM | 80 | 23,000 | Full-depth asphalt pavement reconstruction including aggregate base | LS | \$ 3,500 |
| LIBERTY | LMS-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 5,000 |
| ISBISTER | IES-04 | ASPH PVTM | 85 | 37,000 | General Concrete sidewalk repair allowance | LS | \$ 4,000 |
| TRUESDELL | TRD-02 | ASPH PVTM | 85 | 570 | No repairs required | LS | \$ - |
| BIRD | BIES-03 | CONCR PVTM | 90 | 7,500 | No repairs required | LS | \$ - |
| CANTON | CHS-02 | ASPH PVTM | 90 | 113,200 | Seal asphalt pavement cracks | LS | \$ 2,500 |
| ISBISTER | IES-01 | ASPH PVTM | 90 | 11,500 | Partial-depth asphalt mill and resurface with isolated full-depth repairs | LS | \$ 1,000 |
| MAINT | M-01 | ASPH PVTM | 90 | 7,400 | Seal asphalt pavement cracks | LS | \$ 500 |
| SALEM | SHS-01 | ASPH PVTM | 90 | 156,900 | Seal asphalt pavement cracks | LS | \$ 3,000 |
| TONDA | TES-02 | ASPH PVTM | 90 | 44,800 | Seal asphalt pavement cracks | LS | \$ 2,000 |
| FARRAND | FES-SW | CONCR SDWLK | N/A | N/A | General Concrete sidewalk repair allowance | LS | \$ 15,000 |
| BEST CONDITION TOTAL | | | | | | | \$ 460,100 |
| GRAND TOTAL | | | | | | | \$ 14,201,925 |



ROOF ASSESSMENT

PER CEI MICHIGAN, LLC MAY 2019

GRADE
 A = 10 OR MORE YEARS OF SERVICE REMAINING
 B = 8-10 YEARS OF SERVICE LIFE REMAINING
 C = 5-7 YEARS OF SERVICE LIFE REMAINING
 D = 204 YEARS OF SERVICE LIFE REMAINING

| | SECTION | SQ FT | Rating | GRADE | INSTALL YEAR | REPLACE YEAR | EMERGENCY | REMEDIAL COST | TOTAL REPLACEMENT COST | |
|----------------------------|---------|---------|--------|-------|--------------|--------------|-----------|---------------|------------------------|---------------|
| DISCOVERY MIDDLE SCHOOL | 3 | 11,506 | | D | 2001 | 2019 | \$ - | \$ - | \$ 130,000 | |
| MAINTENANCE BUILDING | 2 | 1,317 | | D | 1989 | 2021 | \$ - | \$ 1,100 | \$ 11,000 | |
| BUS GARAGE | 1 | 7,239 | | D | 1980 | 2023 | \$ 3,275 | \$ - | \$ 65,000 | |
| TRUESDELL BUILDING | 1 | 3,899 | | D | 1984 | 2023 | \$ 4,875 | \$ 10,500 | \$ 55,000 | \$ 261,000 |
| ERIKSSON ELEMENTARY | 1 | 41,476 | | C | 2004 | 2024 | \$ 1,175 | \$ 10,050 | \$ 500,000 | |
| HULSING ELEMENTARY | 1 | 41,556 | | C | 2004 | 2024 | \$ 1,245 | \$ 2,175 | \$ 500,000 | |
| SMITH ELEMENTARY | 1 | 41,548 | | C | 2010 | 2024 | \$ 2,145 | \$ 4,900 | \$ 500,000 | |
| PIONEER MIDDLE SCHOOL | 4 | 50,825 | | C | 1999 | 2024 | \$ 6,850 | \$ 2,950 | \$ 650,000 | |
| DODSON ELEMENTARY | 2 | 21,321 | | C | 2006 | 2025 | \$ 2,930 | \$ 1,750 | \$ 250,000 | |
| FIELD ELEMENTARY | 1 | 41,510 | | C | 2004 | 2025 | \$ 510 | \$ 1,400 | \$ 500,000 | |
| DISCOVERY MIDDLE SCHOOL | 2 | 3,956 | | C | 2001 | 2025 | \$ 50 | \$ 50 | \$ 50,000 | |
| DISCOVERY MIDDLE SCHOOL | 4 | 11,152 | | C | 2001 | 2025 | \$ 1,315 | \$ - | \$ 145,000 | |
| DISCOVERY MIDDLE SCHOOL | 5 | 6,054 | | C | 2001 | 2025 | \$ - | \$ 150 | \$ 80,000 | |
| LIBERTY MIDDLE SCHOOL | 2 | 17,824 | | B | 2015 | 2025 | \$ 850 | \$ - | \$ 230,000 | |
| PIONEER MIDDLE SCHOOL | 1 | 15,731 | | C | 1999 | 2025 | \$ 1,400 | \$ - | \$ 200,000 | |
| PIONEER MIDDLE SCHOOL | 2 | 24,472 | | C | 1999 | 2025 | \$ 5,250 | \$ 300 | \$ 300,000 | |
| PLYMOUTH HIGH SCHOOL | 1 | 224,401 | | C | 2000 | 2025 | \$ 3,750 | \$ 4,325 | \$ 4,000,000 | |
| SALEM HIGH SCHOOL | 1 | 69,996 | | C | 2004 | 2025 | \$ 5,725 | \$ 5,075 | \$ 975,000 | |
| BOARD OFFICE | 1 | 8,387 | | A | 2017 | 2025 | \$ - | \$ 1,600 | \$ 100,000 | \$ 8,980,000 |
| HOBEN ELEMENTARY | 1 | 8,701 | | C | 2007 | 2026 | \$ 400 | \$ 900 | \$ 110,000 | |
| HOBEN ELEMENTARY | 2 | 52,757 | | C | 2007 | 2026 | \$ 1,265 | \$ 920 | \$ 650,000 | |
| WORKMAN ELEMENTARY | 1 | 21,197 | | C | 2006 | 2026 | \$ 955 | \$ 2,240 | \$ 260,000 | |
| WORKMAN ELEMENTARY | 3 | 1,061 | | C | 2006 | 2026 | \$ 500 | \$ 100 | \$ 15,000 | |
| MAINTENANCE BUILDING | 3 | 293 | | C | 2004 | 2026 | \$ 3,100 | \$ - | \$ 3,000 | |
| TANGER CENTER | 1 | 28,945 | | C | 2010 | 2026 | \$ 2,955 | \$ 300 | \$ 350,000 | |
| BIRD ELEMENTARY | 1 | 35,220 | | B | 2008 | 2027 | \$ 1,545 | \$ 1,205 | \$ 450,000 | |
| ERIKSSON ELEMENTARY | 2 | 13,349 | | B | 2010 | 2027 | \$ 75 | \$ 275 | \$ 175,000 | |
| HULSING ELEMENTARY | 2 | 13,296 | | B | 2010 | 2027 | \$ 9,150 | \$ 300 | \$ 160,000 | |
| MILLER ELEMENTARY | 1 | 43,685 | | B | 2010 | 2027 | \$ 2,035 | \$ 1,240 | \$ 525,000 | |
| PIONEER MIDDLE SCHOOL | 3 | 16,317 | | B | 1999 | 2027 | \$ 1,150 | \$ - | \$ 200,000 | |
| WEST MIDDLE SCHOOL | 1 | 64,891 | | B | 2009 | 2027 | \$ 2,000 | \$ - | \$ 800,000 | |
| CANTON HIGH SCHOOL | 1 | 167,079 | | C | 2008 | 2027 | \$ 10,875 | \$ 2,525 | \$ 2,500,000 | |
| TRANSPORTATION BUILDING | 1 | 8,916 | | B | 2006 | 2027 | \$ - | \$ 165 | \$ 125,000 | |
| WEST MIDDLE SCHOOL | 2 | 8,576 | | A | 2014 | 2028 | \$ - | \$ 1,800 | \$ 100,000 | |
| WEST MIDDLE SCHOOL | 3 | 7,378 | | A | 2016 | 2028 | \$ 315 | \$ - | \$ 90,000 | |
| WEST MIDDLE SCHOOL | 4 | 2,363 | | A | 2016 | 2028 | \$ - | \$ - | \$ 30,000 | |
| CANTON HIGH SCHOOL PHASE 3 | 1 | 32,333 | | B | 2008 | 2028 | \$ 500 | \$ 2,000 | \$ 450,000 | |
| CANTON HIGH SCHOOL PHASE 3 | 2 | 13,613 | | B | 2008 | 2028 | \$ 760 | \$ 70 | \$ 180,000 | |
| CANTON HIGH SCHOOL PHASE 3 | 3 | 1,405 | | B | 2008 | 2028 | \$ 75 | \$ - | \$ 20,000 | |
| CANTON HIGH SCHOOL PHASE 3 | 4 | 11,318 | | B | 2008 | 2028 | \$ 225 | \$ - | \$ 150,000 | |
| CANTON HIGH SCHOOL PHASE 3 | 5 | 2,564 | | B | 2008 | 2028 | \$ 75 | \$ - | \$ 40,000 | |
| CANTON HIGH SCHOOL PHASE 3 | 6 | 11,138 | | B | 2008 | 2028 | \$ 2,500 | \$ - | \$ 160,000 | |
| STARKWEATHER ACADEMY | 3 | 2,197 | | B | 2009 | 2028 | \$ 50 | \$ - | \$ 30,000 | |
| STARKWEATHER ACADEMY | 4 | 2,191 | | B | 2009 | 2028 | \$ 150 | \$ - | \$ 30,000 | |
| FIELD ELEMENTARY | 2 | 13,605 | | A | 2010 | 2029 | \$ 300 | \$ 300 | \$ 165,000 | |
| SALEM HIGH SCHOOL | 2 | 64,904 | | B | 2014 | 2029 | \$ 1,585 | \$ 500 | \$ 950,000 | |
| SALEM HIGH SCHOOL | 3 | 17,078 | | B | 2006 | 2029 | \$ 1,465 | \$ - | \$ 240,000 | |
| STARKWEATHER ACADEMY | 1 | 30,606 | | B | 2009 | 2029 | \$ 2,515 | \$ 5,500 | \$ 375,000 | |
| STARKWEATHER ACADEMY | 5 | 2,120 | | A | 2016 | 2029 | \$ - | \$ 1,800 | \$ 30,000 | |
| MAINTENANCE BUILDING | 1 | 3,242 | | B | 2014 | 2029 | \$ 275 | \$ 790 | \$ 50,000 | |
| TONDA ELEMENTARY | 1 | 59,784 | | A | 2015 | 2030 | \$ 1,200 | \$ 150 | \$ 750,000 | |
| PIONEER MIDDLE SCHOOL | 5 | 2,575 | | A | 2015 | 2030 | \$ - | \$ - | \$ 35,000 | |
| STARKWEATHER ACADEMY | 2 | 5,828 | | A | 2016 | 2030 | \$ 100 | \$ 1,500 | \$ 70,000 | \$ 10,268,000 |
| BENTLEY ELEMENTARY | 1-MAIN | 52,877 | | A | 2016 | 2031 | \$ 1,275 | \$ 100 | \$ 650,000 | |
| BENTLEY ELEMENTARY | 2-MEDIA | 3,417 | | A | 2016 | 2031 | \$ - | \$ - | \$ 45,000 | |
| BENTLEY ELEMENTARY | 3-GYM | 5,474 | | A | 2016 | 2031 | \$ - | \$ - | \$ 70,000 | |
| GALLIMORE ELEMENTARY | 1 | 47,816 | | A | 2015 | 2033 | \$ 2,855 | \$ 2,350 | \$ 550,000 | |
| SALEM HIGH SCHOOL | 4 | 15,936 | | A | 2018 | 2034 | \$ 500 | \$ 100 | \$ 225,000 | |
| SALEM HIGH SCHOOL | 5 | 8,188 | | A | 2017 | 2034 | \$ - | \$ - | \$ 115,000 | |
| BUS GARAGE | 2 | 1,479 | | A | 2018 | 2034 | \$ - | \$ 35 | \$ 20,000 | |
| BIRD ELEMENTARY | 2 | 3,201 | | A | 2018 | 2035 | \$ - | \$ - | \$ 40,000 | |
| BIRD ELEMENTARY | 3 | 1,655 | | A | 2018 | 2035 | \$ - | \$ - | \$ 20,000 | |
| BIRD ELEMENTARY | 4 | 1,032 | | A | 2018 | 2035 | \$ - | \$ - | \$ 15,000 | |
| BIRD ELEMENTARY | 5 | 1,026 | | A | 2018 | 2035 | \$ - | \$ - | \$ 15,000 | |
| BIRD ELEMENTARY | 6 | 1,125 | | A | 2018 | 2035 | \$ - | \$ - | \$ 15,000 | \$ 1,780,000 |
| FARRAND ELEMENTARY | 1 | 50,427 | | A | 2016 | 2036 | \$ 220 | \$ 1,935 | \$ 600,000 | |
| EAST MIDDLE SCHOOL | 1 | 100,086 | | A | 2016 | 2036 | \$ 1,385 | \$ 570 | \$ 130,000 | |
| EAST MIDDLE SCHOOL | 2 | 17,795 | | A | 2016 | 2036 | \$ 200 | \$ - | \$ 230,000 | |
| ISBISTER ELEMENTARY | 1 | 43,529 | | A | 2017 | 2037 | \$ - | \$ 500 | \$ 525,000 | |
| ALLEN EARLY LEARNING | 1 | 73,964 | | A | 2015 | 2038 | \$ 150 | \$ 200 | \$ 900,000 | |
| ALLEN EARLY LEARNING | 2 | 3,187 | | A | 2015 | 2038 | \$ - | \$ 50 | \$ 50,000 | |
| ALLEN EARLY LEARNING | 3 | 2,842 | | A | 2015 | 2038 | \$ - | \$ 240 | \$ 50,000 | |
| LIBERTY MIDDLE SCHOOL | 1 | 89,220 | | A | 2015 | 2040 | \$ 1,600 | \$ - | \$ 1,000,000 | \$ 3,485,000 |
| DODSON ELEMENTARY | 1 | 40,196 | METAL | B | 2006 | 0-METAL | \$ 605 | \$ 200 | \$ 1,000,000 | |
| WORKMAN ELEMENTARY | 2 | 50,891 | METAL | B | 2006 | 0-METAL | \$ 1,465 | \$ - | \$ 1,200,000 | |
| WORKMAN ELEMENTARY | 4 | 3,997 | METAL | B | 2006 | 0-METAL | \$ 390 | \$ - | \$ 100,000 | |
| DISCOVERY MIDDLE SCHOOL | 1 | 102,861 | METAL | C | 2001 | 0-METAL | \$ 2,210 | \$ 900 | \$ 1,000,000 | |
| WEST MIDDLE SCHOOL | 5 | 1,492 | METAL | A | 2016 | 0-METAL | \$ - | \$ - | \$ 40,000 | |
| TOTAL \$ 24,774,000 | | | | | | | | | | |

DRAFT

| Building | BUILDING ASSESSMENT | | | | | | | ASSESSMENT TOTAL | VISIONING | | | | | | | | | BUILDING TOTAL | | |
|-----------------------------|----------------------|----------------------|----------------------|---------------------|----------------------|----------------------|-------------|---------------------|--|-----------------------------|---------------------|-------------------------------------|-------------------|--------------------------|----------------------|-------------------------------|----------------------|----------------------|--|--------------|
| | Site | Building Envelope | Interior Finishes | Plumbing Systems | HVAC Systems | Electrical Systems | Technology | | Program Addition (Including site improvements) | Interior Program Remodeling | Classroom Furniture | Pre-School Addition &/or Remodeling | Special Education | Curb Appeal Improvements | Playground Equipment | P-CEP Site Athletics Upgrades | VISIONING TOTAL | | | |
| Bentley Elementary | \$ 280,284 | \$ 32,138 | \$ 218,535 | \$ - | \$ - | \$ 372,795 | TBD | \$903,751 | \$2,133,930 | \$883,781 | \$509,058 | \$0 | TBD | \$96,413 | \$289,238 | | | | | |
| Bird Elementary | \$ 86,193 | \$ 601,293 | \$ 661,968 | \$ 44,993 | \$ 514,200 | \$ 411,360 | TBD | \$2,320,006 | \$3,351,941 | \$610,613 | \$555,336 | \$0 | TBD | \$96,413 | \$289,238 | | | \$4,903,540 | | \$7,223,546 |
| Dodson Elementary | \$ 452,400 | \$ 374,723 | \$ 224,705 | \$ 44,993 | \$ 1,375,485 | \$ 385,650 | TBD | \$2,857,956 | \$2,133,930 | \$703,811 | \$462,780 | \$4,431,119 | TBD | \$96,413 | \$289,238 | | | \$8,117,290 | | \$10,975,245 |
| Eriksson Elementary | \$ 491,942 | \$ 1,024,302 | \$ 199,895 | \$ - | \$ - | \$ 347,085 | TBD | \$2,063,224 | \$5,111,919 | \$703,811 | \$509,058 | \$559,193 | TBD | \$96,413 | \$289,238 | | | \$7,269,631 | | \$9,332,855 |
| Farrand Elementary | \$ 105,379 | \$ 73,788 | \$ 2,051,337 | \$ - | \$ 173,543 | \$ 334,230 | TBD | \$2,738,276 | \$3,351,941 | \$649,178 | \$509,058 | \$0 | TBD | \$96,413 | \$289,238 | | | \$4,895,827 | | \$7,634,102 |
| Field Elementary | \$ 427,622 | \$ 1,003,252 | \$ 199,895 | \$ - | \$ - | \$ 347,085 | TBD | \$1,977,854 | \$5,111,919 | \$703,811 | \$509,058 | \$559,193 | TBD | \$96,413 | \$289,238 | | | \$7,269,631 | | \$9,247,485 |
| Gallimore Elementary | \$ 312,762 | \$ 56,562 | \$ 1,190,052 | \$ 44,993 | \$ 449,925 | \$ 289,238 | TBD | \$2,343,531 | \$3,351,941 | \$649,178 | \$370,224 | \$2,377,532 | TBD | \$96,413 | \$289,238 | | | \$7,134,525 | | \$9,478,056 |
| Hoben Elementary | \$ 274,904 | \$ 1,019,723 | \$ 477,354 | \$ 50,135 | \$ 231,390 | \$ 340,658 | TBD | \$2,394,163 | \$2,198,205 | \$758,445 | \$555,336 | \$0 | TBD | \$96,413 | \$289,238 | | | \$3,897,636 | | \$6,291,799 |
| Hulsing Elementary | \$ 315,976 | \$ 1,242,050 | \$ 447,868 | \$ 8,356 | \$ - | \$ 347,085 | TBD | \$2,361,335 | \$5,111,919 | \$703,811 | \$509,058 | \$0 | TBD | \$96,413 | \$289,238 | | | \$6,710,439 | | \$9,071,774 |
| Isbister Elementary | \$ 151,965 | \$ 32,138 | \$ 441,409 | \$ - | \$ 570,762 | \$ 253,886 | TBD | \$1,450,160 | \$3,480,491 | \$649,178 | \$485,919 | \$0 | TBD | \$96,413 | \$289,238 | | \$0 | \$5,001,238 | | \$6,451,397 |
| Miller Elementary | \$ 114,474 | \$ 821,113 | \$ 164,415 | \$ - | \$ 482,063 | \$ 305,306 | TBD | \$1,887,371 | \$5,497,569 | \$594,544 | \$532,197 | \$0 | TBD | \$96,413 | \$289,238 | | \$0 | \$7,009,960 | | \$8,897,331 |
| Smith Elementary | \$ 313,161 | \$ 530,269 | \$ 1,141,203 | \$ 44,993 | \$ 514,200 | \$ 244,245 | TBD | \$2,788,070 | \$3,351,941 | \$610,613 | \$416,502 | \$0 | TBD | \$96,413 | \$289,238 | | \$0 | \$4,764,706 | | \$7,552,775 |
| Tonda Elementary | \$ 808,811 | \$ 32,138 | \$ 409,303 | \$ - | \$ - | \$ 372,795 | TBD | \$1,623,047 | \$2,824,886 | \$1,028,400 | \$485,919 | \$0 | TBD | \$96,413 | \$289,238 | | \$0 | \$4,724,855 | | \$6,347,902 |
| Workman Elementary | \$ 310,088 | \$ 361,547 | \$ 119,230 | \$ 44,993 | \$ 752,018 | \$ 462,780 | TBD | \$2,050,655 | \$2,378,176 | \$703,811 | \$624,753 | \$0 | TBD | \$96,413 | \$289,238 | | \$0 | \$4,092,391 | | \$6,143,046 |
| Discovery Middle School | \$ 514,264 | \$ 388,864 | \$ 478,849 | \$ 96,413 | \$ 803,438 | \$ 822,720 | TBD | \$3,104,547 | \$0 | \$1,034,828 | \$1,079,820 | \$0 | TBD | \$96,413 | \$0 | \$0 | \$0 | \$2,211,060 | | \$5,315,607 |
| East Middle School | \$ 1,150,548 | \$ 51,420 | \$ 1,523,703 | \$ 8,356 | \$ 867,713 | \$ 629,895 | TBD | \$4,231,635 | \$2,185,350 | \$1,654,439 | \$771,300 | \$0 | TBD | \$96,413 | \$0 | \$0 | \$0 | \$4,707,501 | | \$8,939,136 |
| Liberty Middle School | \$ 63,777 | \$ - | \$ - | \$ - | \$ - | \$ - | TBD | \$63,777 | \$0 | \$89,985 | \$0 | \$0 | TBD | \$0 | \$0 | \$0 | \$0 | \$89,985 | | \$153,762 |
| Pioneer Middle School | \$ 778,512 | \$ 1,464,827 | \$ 2,084,437 | \$ 96,413 | \$ 363,154 | \$ 584,903 | TBD | \$5,372,244 | \$2,011,808 | \$2,137,144 | \$874,140 | \$0 | TBD | \$96,413 | \$0 | \$0 | \$0 | \$5,119,504 | | \$10,491,748 |
| West Middle School | \$ 456,044 | \$ 1,469,568 | \$ 2,083,796 | \$ 96,413 | \$ 867,713 | \$ 719,880 | TBD | \$5,693,412 | \$0 | \$1,340,134 | \$874,140 | \$0 | TBD | \$96,413 | \$0 | \$0 | \$0 | \$2,310,686 | | \$8,004,098 |
| Canton High School | \$ 3,427,349 | \$ 1,213,062 | \$ 5,253,003 | \$ 411,360 | \$ - | \$ 2,410,313 | TBD | \$12,715,086 | \$3,776,156 | \$1,565,096 | \$2,313,900 | \$700,598 | TBD | \$96,413 | \$0 | \$0 | \$0 | \$8,452,163 | | \$21,167,249 |
| Plymouth High School | \$ 2,826,557 | \$ 3,605,828 | \$ 196,039 | \$ 15,426 | \$ 1,863,975 | \$ 2,088,938 | TBD | \$10,596,762 | \$4,467,113 | \$1,693,646 | \$1,735,425 | \$0 | TBD | \$96,413 | \$0 | \$0 | \$0 | \$7,992,596 | | \$18,589,358 |
| Salem High School | \$ 3,403,123 | \$ 2,442,450 | \$ 4,435,618 | \$ 411,360 | \$ 1,478,325 | \$ 2,056,800 | TBD | \$14,227,676 | \$5,302,688 | \$2,175,709 | \$2,313,900 | \$0 | TBD | \$96,413 | \$0 | \$0 | \$0 | \$9,888,709 | | \$24,116,385 |
| P-CEP Athletics | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$14,526,150 | \$14,526,150 | | | \$14,526,150 |
| Starkweather Academy | \$ 64,275 | \$ 596,472 | \$ 421,644 | \$ - | \$ 482,063 | \$ 289,238 | TBD | \$1,853,691 | \$0 | \$1,264,932 | \$462,780 | \$0 | \$0 | \$96,413 | \$0 | \$0 | \$0 | \$1,824,125 | | \$3,677,816 |
| Administration Building | \$ 148,925 | \$ 217,507 | \$ 129,193 | \$ - | \$ - | \$ 131,764 | TBD | \$627,388 | \$0 | \$305,306 | \$305,306 | \$0 | \$0 | \$64,275 | \$0 | \$0 | \$0 | \$674,888 | | \$1,302,276 |
| Maintenance Building | \$ 226,248 | \$ 17,483 | \$ 62,186 | \$ - | \$ 19,283 | \$ 64,275 | TBD | \$389,474 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$389,474 |
| Transportation & Curriculum | \$ 324,100 | \$ - | \$ 96,413 | \$ - | \$ - | \$ 96,413 | TBD | \$516,925 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$516,925 |
| Allen ELC | \$ 58,021 | \$ 167,115 | \$ 1,705,987 | \$ 128,550 | \$ 482,063 | \$ 282,810 | TBD | \$2,824,546 | \$0 | \$0 | \$0 | \$1,343,348 | TBD | \$96,413 | \$289,238 | \$0 | \$0 | \$1,728,998 | | \$4,553,543 |
| Tanger Center | \$ 443,176 | \$ 32,138 | \$ 463,551 | \$ 44,993 | \$ 321,375 | \$ 189,611 | TBD | \$1,494,844 | \$0 | \$1,555,455 | \$0 | \$0 | \$0 | \$96,413 | \$0 | \$0 | \$0 | \$1,651,868 | | \$3,146,711 |
| Truesdell | \$ 67,439 | \$ 173,793 | \$ - | \$ - | \$ - | \$ 3,857 | TBD | \$245,088 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | | \$245,088 |
| Category Totals | \$ 18,398,318 | \$ 19,045,560 | \$ 26,881,587 | \$ 1,592,735 | \$ 12,612,683 | \$ 15,185,612 | \$ - | \$93,716,494 | \$67,133,825 | \$24,769,657 | \$17,764,967 | \$9,970,981 | \$0 | \$2,378,175 | \$4,338,563 | \$14,526,150 | \$136,969,898 | \$229,782,641 | | |

| P-CEP Visioning | 50 Meter Pool Building | Performing Arts Building | Competition Gym | New Stadium & Concessions | Total |
|------------------------------|------------------------|--------------------------|-----------------|---------------------------|--------------|
| P-CEP Activities & Athletics | \$20,471,588 | \$33,326,588 | \$16,968,600 | \$7,713,000 | \$78,479,775 |