School Facilities Webinar
June 13th, 2024
Facilities Condition Assessment
Purpose for Facility Condition Assessment

1. "...outline resources and steps necessary for all school buildings in the school district to be in good or perfect condition."

   - Facility condition assessments (FCA) are only to be conducted on student occupied facilities
   - The results in the software will provide the estimated dollar amount
   - The estimations from the software will likely be more than your allocation
Purpose for Facility Condition Assessment

• The actual 10-year plan and estimations from the software are not the same thing
• Estimations may be used to develop 10-year plan
• The 10-year plan and facility condition assessments are still necessary, even if all School Modernization funds are allocated toward new construction, property acquisition, etc.
What is MAPPS?

- MAPPS is a web-based FCA Tool:
  - Customized for unique requirements of Idaho HB 521

- It provides:
  - Relatively quick and easy FCAs
  - Common cost database for all districts
  - Single location for IDE to track district progress for HB521 requirements
How are facilities organized in MAPPS?

District Facilities Hierarchy for FCA Tool

- **District** – Top level, information entered is for the entire district
- **School (Campus)** – The Physical campus location of a School
- **Building** – A significant structure for which an FCA will be performed
- **Addition** – A Portion of the Building which represents a significant difference in the Age and Condition of major systems
FCA Data Collection Forms

Purpose: Offline method of collecting FCA data for a facility in a format that will streamline data entry

School (Campus)-Level
- Consists of 5 general questions about the condition of major system affecting the entire site
- Only one school-level survey is required for each campus
- School name and number should be those recognized by the state

Building-Level (Addition-Level)
- Consists of 37 general questions about the condition of major system within a building
- Building name and number should be a name and number for which the district can use to properly identify the building
- Data will be entered at the Addition-level
  - Each Building will have at least one addition (original structure)
  - At least one addition-level survey is required for each building
  - It is only required to create separate additions if a portion of the building represents a significant difference in Age and Condition from another portion. In this case, a survey will be required for each addition.
  - Addition name and number should be a name and number for which the district can identify the individual additions to a building.
Show Collection forms
Cost Estimating

Cost per SF

- Determined by Internal Review and verified with RS Means data
- Three School Types: Elementary, Middle, and High
- Two District Areas: Northern Idaho and State-wide
- Portable buildings have a unique cost, regardless of school type
- Cost per SF ($/SF) will determine the hypothetical replacement cost by multiplying $/SF X Total Area
  - Area will be entered at the Addition-level and summed up for the Building, School and District
  - EX: Replacement cost for a 150,000sf High School in the Northern Idaho district area will be estimated as: $522.50 X 150,000 = $78,375,000

<table>
<thead>
<tr>
<th>District Area</th>
<th>School Type</th>
<th>Const Cost Per Sf</th>
<th>Site Pct Of Building Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idaho State-wide</td>
<td>Elementary</td>
<td>$400.00</td>
<td>20%</td>
</tr>
<tr>
<td>Idaho State-wide</td>
<td>Middle</td>
<td>$450.00</td>
<td>20%</td>
</tr>
<tr>
<td>Idaho State-wide</td>
<td>High</td>
<td>$475.00</td>
<td>20%</td>
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<tr>
<td>Idaho State-wide</td>
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<td>$200.00</td>
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<tr>
<td>Northern Idaho</td>
<td>Elementary</td>
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<tr>
<td>Northern Idaho</td>
<td>Middle</td>
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<tr>
<td>Northern Idaho</td>
<td>High</td>
<td>$522.50</td>
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</table>
Calculating Cost per year (10 Year Plan)

- Total weighting of all questions is 100% of the Replacement Cost
- Each question has an individual weighting to determine its contribution to the overall Building Replacement Cost
  - All individual question weights add up to 100%
  - Questions answered with "N/A" will have their individual weighting redistributed over the remaining questions.
- Each question has an estimated expected life
- Each Response (Good, Fair, Poor, Replace) has a weighting as to estimate, on average, how much remaining life a system has

Ex: 177,500sf High School with a replacement cost of $100,350,000
(125,000sf Original Building + 50,000sf Addition at $475/sf, 2,500sf Portable at $200/sf, and 20% of combined building cost for site-level items)

<table>
<thead>
<tr>
<th>School: 997 Test High School</th>
<th></th>
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<tbody>
<tr>
<td><strong>System</strong></td>
<td><strong>Years 0-5</strong></td>
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<tr>
<td>Site</td>
<td>-</td>
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<tr>
<td>Structural</td>
<td>-</td>
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<tr>
<td>Exterior</td>
<td>$1,314,296</td>
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<tr>
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<td>Plumbing</td>
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<tr>
<td>Electrical</td>
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<tr>
<td>Fire &amp; Safety</td>
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<td>Technology</td>
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<tr>
<td>Specialties</td>
<td>$2,211,025</td>
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<tr>
<td><strong>Totals</strong></td>
<td><strong>$10,200,510</strong></td>
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</table>
MAPPS - Schedule

• MM/DD/YYYY - MAPPS "Go Live" and Training
  o In the meantime, districts can begin assembling FCA data in format that aligns with MAPPS:
QUESTIONS?