Agenda

• 2019 Review
  – Certification Overview
  – QMP Award Winners
  – Revocation

• 2020 HTCP Program Updates
  – Policy
  – ACT Program
  – MCT
  – Partnership Updates
  – Website
  – Cell phone usage
  – Schedule/Registration
Certification Overview
2017: +30% up to 2016 (1587) with new MCT certification
2018: -22% down to 2017 (2071) with MCT fall off, PCCTEC-II
2019: +8% up to 2018 with PCCTEC-II revamp
Approx. 8,000 Active Certifications
### 2019 Certification Mix

- Category Mix of 2019 Certifications:

<table>
<thead>
<tr>
<th>Category</th>
<th>% of Mix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consultant</td>
<td>46%</td>
</tr>
<tr>
<td>Industry</td>
<td>36%</td>
</tr>
<tr>
<td>WisDOT</td>
<td>15%</td>
</tr>
<tr>
<td>Municipal/County</td>
<td>2%</td>
</tr>
<tr>
<td>Other</td>
<td>1%</td>
</tr>
</tbody>
</table>
## 2019 Certification Breakout

### Certification Breakdown

<table>
<thead>
<tr>
<th>Certification</th>
<th>2019</th>
<th>% of TTL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCCTEC-I</td>
<td>449</td>
<td>25.8%</td>
</tr>
<tr>
<td>NUCDENSITYTEC-I</td>
<td>245</td>
<td>14.1%</td>
</tr>
<tr>
<td>TMS</td>
<td>215</td>
<td>12.3%</td>
</tr>
<tr>
<td>AGGTEC-I</td>
<td>198</td>
<td>11.4%</td>
</tr>
<tr>
<td>CST</td>
<td>114</td>
<td>6.5%</td>
</tr>
<tr>
<td>HMA-IPT</td>
<td>104</td>
<td>6.0%</td>
</tr>
<tr>
<td>PCCTEC-II</td>
<td>79</td>
<td>4.5%</td>
</tr>
<tr>
<td>GRADINGTEC-I</td>
<td>65</td>
<td>3.7%</td>
</tr>
<tr>
<td>ATTS</td>
<td>51</td>
<td>2.9%</td>
</tr>
<tr>
<td>MCT-D</td>
<td>45</td>
<td>2.6%</td>
</tr>
<tr>
<td>HMA-TPC</td>
<td>38</td>
<td>2.2%</td>
</tr>
<tr>
<td>AGGTEC-II</td>
<td>37</td>
<td>2.1%</td>
</tr>
<tr>
<td>MCT-C</td>
<td>34</td>
<td>2.0%</td>
</tr>
<tr>
<td>PROFILER</td>
<td>35</td>
<td>2.0%</td>
</tr>
<tr>
<td>HMA-MD</td>
<td>32</td>
<td>1.8%</td>
</tr>
</tbody>
</table>

### Category Breakdown

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam Only</td>
<td>811</td>
<td>47%</td>
</tr>
<tr>
<td>Class</td>
<td>784</td>
<td>45%</td>
</tr>
<tr>
<td>Class/Recertification</td>
<td>146</td>
<td>8%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1741</td>
<td></td>
</tr>
</tbody>
</table>

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WCPA 2020 Annual Concrete Pavement Conference
QMP Award Winners
2019 QMP Award

• HTCP’s Quality Management Program Award recognizes:
  – Outstanding certified highway materials technicians
  – Who have displayed exceptional leadership roles in developing quality materials used in highway constructions projects
2019 QMP Award

• Winners are nominated and chosen from:
  – Contractors
  – Consultants
  – The Wisconsin Department of Transportation
2019 QMP Award

• 2019 Award Winners Include:
  – Two Individual Awards
  – One Team Award
2019 QMP Award

• Individual Awards:
  – Tim Grezinski
  – Northeast Asphalt

  – Nancy Whitesell
  – Mathy Construction
    Company: Monarch Paving
2019 QMP Award

• Team Award:
  – WisDOT BTS: HMA Unit
  – Members:
    • Scott Syron
    • Jeffrey Anderson
    • Steven Hefel
    • Daniel Kopacz
    • James Pforr
    • Erik Lyngdal
    • Aaron Coenen
2019 QMP Award

• To nominate for a QMP Award:
  – Contact Jodi Pluemer 608-342-1545
  – Email: htcp@uwplatt.edu
Revocation Updates
Revocation

• On the rise
• Variety of events
• Spanning over several companies & technicians
• Includes:
  – 3 year certifications
  – ACT certifications
Revocation

• Events Spanning from:
  – Unethical behavior
  – Low quality of work and faulty equipment:
    • Not knowing how to execute proper, testing methods for the specific certification
    • Unacceptable, non-performing equipment
    • IA having to walk technicians through “how to”
  – Non certified tester, performing tests on WisDOT projects
Importance of Quality Assurance

• Federal Requirements: 23 CFR 637
  – 23: Highways
  – 637: Construction Inspection and Approval
  – Quality materials & life expectancy
  – Protects public investment & reduces fraud
Importance of Quality Assurance

- Wisconsin’s HTCP Requirements:
  - To ensure quality materials & workmanship in all construction projects
  - WisDOT’s Quality Management Program (QMP) specifications allow for department acceptance based on contractors QC testing, when verified by department QV testing
  - All samplers and testers must be HTCP-Certified
Importance of Quality Assurance

• Once a HTCP 3 year or ACT certification is granted, technician expectations include the accountability of their own actions & responsible to:

  − Manage their certifications, including expiration dates of those certifications, informing their employer of changes in certifications and ensure all appropriate certifications are up to date.

  − Question if they see something that does not look ethical and report it.
Importance of Quality Assurance

• Once a HTCP 3 year or ACT certification is granted, technician expectations include the accountability of their own actions & responsible to:

  – Ensure they know how to properly perform testing methods before out on WisDOT projects. If more training is necessary or it’s been a long time since you have preformed a specific test, elevate such needs to supervisor/company, ask for help

  – Be ethical
Importance of Quality Assurance

• If this is not done, there is major impact:
  – Financial
  – Revocation of Technician’s Certifications
  – Revocation of Certified Laboratories

• Revocation is a real thing, HTCP revocations have increased over the past year and will continue to be enforced where process and policies are not being abided by
2020 Program Updates
Policy Update
Recertification

• Recertification Policy:
  – Certifications must be renewed prior to the expiration date.
  – If not, technician required to complete the class again at the full rate
  – Impact of technicians: Minimal
  – Go Live: January 2020
Assistant Certified Tester
ACT Program
## HTCP ACT Program

<table>
<thead>
<tr>
<th>Current Program</th>
<th>Revised Program</th>
</tr>
</thead>
</table>
| 3 terms (calendar year) per ACT Certification        | 1 term* only (calendar year) per ACT Certification. 2nd term* will only be issued if proof of enrollment in a current two/four-year Civil Technology/Engineering or Building Construction Management program is submitted to HTCP at the time of registration for ACT technician  
*term = Technician + Employer                                                                 |
| Reduced lab exam from 3 year certification lab exam   | Making lab exam same as 3 year certification                                                                                                                                 |
| No exam attempt threshold set for failing exam        | If technician fails 1st attempt, allowing 1 retake. If fail, ACT enrollment is void & must attend a 3 year class. No reimbursement of registration                                                            |
| No signature agreement from instructor and/or mentor to acknowledge understanding of ACT program and responsibility. | Layering signature agreement form for instructor and mentor to sign and submit along with lab exam                                                                                   |
| No cap on how many registrations a company can have   | Layering a 20% company cap for Act registrations based on active 3-year certifications within organization. Note: Smaller companies will be able to register up to 5 ACT registrations, dependent on their 3 year certification portfolio |
HTCP ACT Program

Communication:

• Direct Mail Letters: Sent email and via USPS 10/15/19
  – To active and past ACT Technicians, Act Instructors and/or Mentors
• Facebook Posts:
  – October
  – November
  – December
Materials Coordinator Training
MCT

• Materials Coordinator Training Updates:
  – Working Team: Deb Bischoff, Jackie Spoor, Jodi Pluemer, Amy Pennekamp
  – Goal:
    • Made certification into one online module MCT vs the two of MCT-D and MCT-C
    • January 1, 2020 go live with new content
    • Registration/Recertification at $100 (similar to MCT-C)
  – Layered assessment checks into each module
## MCT Content Slide Review:

<table>
<thead>
<tr>
<th>Modules</th>
<th>MCT-C Slide Count</th>
<th>MCT-D Slide Count</th>
<th>MCT Slide Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Introduction &amp; Welcome</td>
<td>11</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>2 - Roles &amp; Responsibilities</td>
<td>12</td>
<td>12</td>
<td>10</td>
</tr>
<tr>
<td>3 - Materials Approval &amp; Acceptance Process</td>
<td>32</td>
<td>32</td>
<td>23</td>
</tr>
<tr>
<td>4 – Quality Management Program</td>
<td>30 + 13 (4c) = 43</td>
<td>34 + 57 (4c) = 91</td>
<td>45</td>
</tr>
<tr>
<td>5 – Nonconformance &amp; Nonperformance</td>
<td>13</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td>6 – Bureau Technical Service Laboratory</td>
<td>6 (4a) + 10 (4b) = 16</td>
<td>9 (4a) + 15 (4b) = 24</td>
<td>21</td>
</tr>
<tr>
<td>7 – Materials Reporting Software</td>
<td>16</td>
<td>31</td>
<td>16</td>
</tr>
<tr>
<td>8 – E-Guide</td>
<td>12</td>
<td>12</td>
<td>10</td>
</tr>
<tr>
<td>9 – Buy America</td>
<td>20</td>
<td>20</td>
<td>16</td>
</tr>
<tr>
<td>Overall Total</td>
<td>175</td>
<td>246</td>
<td>107 + 60 Potential = 167</td>
</tr>
</tbody>
</table>

@ potential 166 slides vs original          | Down 5% or 8 slides | Down 33% or 79 slides
MCT

Communication:

• Email: Sending email
  November
  – To active MCT certified technicians (MCT-D/MCT-C)

• Facebook Posts:
  – November
  – December
Partnership Updates
Partnership Updates

• HTCP has been hard at work building partnerships between Two/Four year Civil Technology/Engineering Programs throughout the state.

• Pilot Program: PCCTEC-I
  – Reduced rate of $200 vs $450
  – WCPA scholarship opportunities

• Started with four year partnership with UW-Platteville in 2018

• Layering in two year partnership with Gateway – Sturtevant in 2020.
Website Updates
HTCP Certification Reports

• Past Certification Report Processes:
  – HTCP posts weekly report of the active 3 year certifications to our HTCP website via PDF for companies/technicians to reference

• Weekly Certification Report to Live Feed:
  – Moved to live feed with user friendly functionality to aid in active and expiring certifications
  – Go Live: August 30, 2019
  – https://wihtcp.secure.force.com/CertSearch
Cell Phone Usage
Cell Phone Usage

• **Continuing with 2019 season testing policy:**
  – Inclusive of class and comprehensive exam sites
  – No cell phones **during testing session**
  – Cell phones to be put in location away from tester
    • Front table with proctor
    • Put away in backpack, etc.
  – Calculators will now be provided at each location
  – Marketing for each class will inform technicians of this change.
2020 Schedule/Registration
Schedule Feed

- Posting of Calendar on HTCP Website:
  - Refresh from PDF format to live feed from Sales Force database
- Go Live: September 6, 2019
- https://wihtcp.secure.force.com/ClassList?term=2020
2020 Registration

- Go Live: October 1st, 2019
- We have 23 events/classes already completed for 2020.
- If you haven’t already registered and need to, it’s TIME!!
What Questions Do You Have?