



Forum Summary – Fall 2022

City of Westminster (10-12-2022)

CAPA's Local Agency Streets Forum is an opportunity for City and County Public Works staff to network and share Best Practices with their peers.

October 2022 Topics: Technical, Specifications, Materials, Asset Management

Local Agency Attendance: Federal Heights, Westminster, Aurora, Ft. Collins, Englewood, Boulder, Denver.

"CAPA has clearly built an environment to support the local municipalities' best practices. It was great to see the open sharing of all the stakeholders. Congratulations on your success."

Evan Hammel, PE (Simpson)

Discussion of Local Agency Best Practices

Scheduling of Annual Concrete Replacement Programs: Best Practice includes scheduling concrete hardscape rehabilitation to be performed the summer previous to streets planned for annual mill & overlay program.

Performance of Hot In-Place Recycling Programs: Ft. Collins, Boulder and Westminster shared that they had previously used HIP as part of their annual Street Improvement Programs. However, these agencies reported premature reflective cracking in the HIP surfacing and have since stopped using HIP as part of their Annual program. Varying performance was shared based on the thickness of the treatment (1"- 3").

Use of SMA for arterial overlays: Denver, Aurora and Lakewood continue to successfully use SMA as the surface treatment of choice for their respective arterial overlay programs. Aurora has been using SMA since 2002 and has documented a 60% service life extension.

Annual Mill & Overlay Programs: Best Practices include

- Milling shoulder to shoulder 1.5" – 2" deep unless reestablishing crown, then edge mill
- Developing a program to share all or a portion of the millings with the contractor
- Placement of ½" (SX) for surface lift
- Allowing up to 25% RAP in all lifts
- Use of PG 58-28 for local roads and PG 64-22 for collectors/minor arterials
- Use of 50 gyration mixes for local and collector roads. 75 gyrations mixes only for heavily loaded arterials.
- SMA (no RAP) with PG 76-28 for major arterials

