Welcome to Cold In Place Recycling and Cold Central Plant Recycling

BRUCE WEHR
ASPHALT MATERIALS, INC.
What is Cold Central Plant Recycling: A process where the asphalt recycling takes place at a central location. A stationary plant or CIR train unit is used for mixing.
Pre-Project Evaluation:
Visual Assessment of the Pavement Condition
Materials in the Pavement Section
Testing of Materials in Pavement Section
Additive Selection and Amount
Types of binding agents:
Asphalt Emulsion
Foamed Asphalt
Cement
Fly Ash
Lime
or combinations of the above
Reclaimed Asphalt Pavement Material:
Size – 1.25 inch minus
Free of contamination
Moisture Content
Uses for CCPR Material:
Parking Lots
Low Volume Roads
High Volume Roads
Any Location were HMA may be Used
Compaction:
Vibratory Double or Single Drum Roller
Pneumatic-tired Roller
Voids are usually 9% to 15%
Density usually verified by growth curve
After Placement:
Protect from construction equipment
Place a fog seal (optional)
Allow to cure (release moisture)
Place wearing surface
Wearing Surfaces:
Chip Seal
Cape Seal
Cold Mix Asphalt
Ultra-thin Overlay
HMA Overlay
Cost of Cold Central Plant Recycling:
Typically the cost will run between 50% to 65% of the cost of a traditional HMA pavement.
Contact Information

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Thanks for your Participation

Please complete the evaluation to provide your feedback on this session and suggest topics for future events.

Remember to mark these upcoming events on your calendar!

March 7-11, 2017
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