



# IMPLEMENTING A CIR PROJECT/ CREATING A CIR PROGRAM

# KEY ITEMS

- YOUR SPECIFICATION DRIVES EVERYTHING!!
- “PRE” PROJECT CONSIDERATIONS
- PROJECT INSPECTION
- “POST” PROJECT FOLLOWUP
- SPECIFICATION ENHANCEMENT

# SPECIFICATION CRITERIA

- TYPE OF TRAIN SPECIFIED?
- RAP SIZING REQUIREMENTS?
- TYPES OF ADDITIVES?
- METERING CAPABILITIES?
- DEPOSIT PROCESSED MATERIAL IN A WINDROW OR DIRECTLY IN THE PAVER HOPPER?
- COMPACTION REQUIREMENTS?

# CREATING A SPECIFICATION

- DON'T REINVENT THE WHEEL!
- INVOLVE THE CONTRACTORS WHO WILL EVENTUALLY BE BIDDING ON THE PROJECTS.
- GET FEEDBACK FROM OTHER AGENCIES WHO UTILIZE THE PROCESS.
- USE ASSOCIATIONS SUCH AS ARRA FOR EDUCATION AND ASSISTANCE WITH SPECIFICATIONS.

# PRE PROJECT CONSIDERATIONS

- CRITICAL TO HAVE A “PRE RECYCLE” OR “PRE PAVING” MEETING WITH OWNER AGENCY, CONTRACTOR, AND SUPPLIERS PRESENT.
- MORE BENEFICIAL TO HAVE A SEPARATE MEETING FROM THE PRECONSTRUCTION MEETING.
- IMPORTANT TO REQUIRE PROJECT PERSONNEL TO ATTEND IN ORDER FOR IT TO HAVE MEANING.

# PROJECT INSPECTION

- DOES EQUIPMENT MEET THE SPECIFICATION?
- IF SO, ONCE THE PROJECT BEGINS, INSPECTION CONSISTS OF 4 BASIC AREAS – DEPTH OF MILLING, SIZING OF RAP MATERIAL, METERING OF ADDITIVES, AND COMPACTION.
- ONCE AGAIN, THE SPECIFICATION DRIVES WHAT TO LOOK FOR AND HOW TO ASSESS IF THE PROCESS IS WITHIN ACCEPTABLE LIMITS

# POST PROJECT FOLLOWUP

- IT IS RECOMMENDED THAT THE OWNER AGENCY SCHEDULE A MEETING ANNUALLY TO REVIEW THE CIR PROJECTS AS WELL AS THE SPECIFICATION.
- THIS CAN BE DONE ON AN INDIVIDUAL PROJECT BASIS OR ON A PROGRAM WIDE BASIS.



# POST PROJECT FOLLOWUP

- MANY STATE DOT'S HAVE A CIR COMMITTEE CONSISTING OF OWNER AGENCY PERSONNEL, CONTRACTORS, AND SUPPLIERS. THEY REVIEW THE SPECIFICATIONS ON AN ANNUAL BASIS.
- IF YOU WANT THE PROCESS TO WORK AND BE A VALUABLE TOOL, IT IS CRITICAL TO HAVE CONTINUOUS COMMUNICATION.

# SPECIFICATION ENHANCEMENT

- THE SPECIFICATION NEEDS TO BE REVIEWED ANNUALLY IN ORDER TO CONTINUALLY IMPROVE THE PROCESS.
- IF THIS IS DONE, THE PROCESS ITSELF WILL SURVIVE THE INEVITABLE CHANGES IN OWNER AGENCY PERSONNEL, CONTRACTORS, OR SUPPLIERS.

CHUCK VALENTINE  
CHUCK.VALENTINE@SANDVIK.COM  
CPVLLC4113@GMAIL.COM  
360-600-4833