

Project Information:

Project Name					State		
Project Date		Project Tons		Project Length		<input type="checkbox"/> miles	<input type="checkbox"/> feet
Location (mile markers, landmarks):							

Asphalt Thickness			Control vs. Fiber?	<input type="checkbox"/> Yes If Yes, fiber side? <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W			
Existing Pavement Distresses							
Application	<input type="checkbox"/> City Street	<input type="checkbox"/> Parking Lot	<input type="checkbox"/> Township	<input type="checkbox"/> State Route	<input type="checkbox"/> Interstate	<input type="checkbox"/> Airport	
Owners Expectations	<input type="checkbox"/> Band Aid	<input type="checkbox"/> Complete Repair	Life expectancy of new pavement:				
Performance of Existing Road (years):							
Reason	<input type="checkbox"/> Increase Life	<input type="checkbox"/> Save Upfront	<input type="checkbox"/> Reduce Cracking	<input type="checkbox"/> Reduce Raveling	<input type="checkbox"/> Reduce Rutting		
Type	<input type="checkbox"/> Direct Overlay	<input type="checkbox"/> New Const	<input type="checkbox"/> Overlay	<input type="checkbox"/> Mill & Fill	<input type="checkbox"/> Thin Lay	<input type="checkbox"/> Rehab	
Layers	<input type="checkbox"/> Base Course	<input type="checkbox"/> Intermediate Course	<input type="checkbox"/> Wearing Course				
Was Fiber a Replacement?							

Description:	

Shareholder Information:

		Fiber Experience?	
Owner		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Engineer/Specifier		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Asphalt Producer		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Asphalt Contractor		<input type="checkbox"/> Yes	<input type="checkbox"/> No

Mix Type:

HMA		WMA		SMA	
Production Temp		Production Temp		Porous Friction Course	
Amount of RAP		Amount of RAP		OGFC	
AC%		AC%		Used for Draindown?	
Polymer Modified?		Foaming/Admixture?		Other:	
Wearing Course Thickness		Thickness Placed			

At the Plant:

How Were Fibers Added?				
Batch Plant	Dry Mixing Time:	Wet Mixing Time:	RAP?	Yes No
Drum Plant	Mixing Time:			
After Flame	Mixing Time:			
Before Liquid	Mixing Time:			
With RAP	Mixing Time:			
Brand name and model of asphalt plant?				

Any Plant Issues?				
Fibers on Thermal Probe?				
Previous Issues (<i>i.e. dust balls</i>)				
Bad Seals				
Other Catch Points				
Triple Drum Plant		Parallel Flow?	Yes	No
	Superheated Flights?			
	When using RAP?			

Any Clumping Issues?				
Which Fiber is clumping?	Aramid	Polyolefin		
Size of Clumps?				
Where are they found?	Equal Spacing on Road?	Other:		

Fiber Feeders:

Addition method?	<u>Bags</u>	<u>Little Shot</u>	<u>Big Shot</u>	<u>Voyager</u>	Other:
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Drum Plant/Bags	
Is mix hot enough to melt bags (< 300°)?	
Is too much RAP (> 20%) being used?	
Is there too much moisture in RAP (%)?	
Are fibers wet?	
Other	

Batch Plant/Bags	
Is there enough dry mixing time?	
Are they using oversize bags (> 1lb)?	
Is temperature high enough?	
Add bags or loose fibers in pre-mix?	
Are fibers wet?	
Other	

Little Shot	
Are fibers wet?	
Dumping full bag at once (not recommended)?	
Not using on batch plant?	
Not adding bag itself?	
Utilizing low temperature mixes (optimal)?	
Is air dry? No oil or water?	
At least 90 psi with 25 CFM air supply?	
No 90° angle bends?	
Other:	

Big Shot	
Are fibers/bags wet?	
Is RAP belt accessible?	
Is temperature high enough?	
Are fibers loose or in bags?	
Is air dry? No oil or water?	
At least 90 psi with 25 CFM air supply?	
Other	

****When utilizing auto counter, don't let bags go through sensor too quickly! ****

Voyager	
Are fibers wet?	
No water in pipe or other obstructions?	
Matching rate of plant production?	
Is fiber fed directly into RAP stream?	
Does generator have sufficient voltage?	
Is fiber tube grounded properly?	
Is rake clean?	
Is plant voltage 240V and wired correctly?	
Is feeder pipe disconnected at trailer end of each day?	
Is weight evenly dispersed on all load cells?	
Are you comparing fiber vs. production rates (end of shift)?	
Are they using a generator for electricity?	
Other	

Additional Notes About Production:
Would you consider this project exemplary with zero production issues? If so, what were the factors?

On Location:

Base Repair	Base Material:	Thickness:	Milling depth:
Slag? <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Lines/Pipes Etc.:	Base repair after milling? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Old concrete pavement underneath? <input type="checkbox"/> Yes <input type="checkbox"/> No			
How long has traffic been on milled surface before paving?			
Fiber Layer (mark all that apply): <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Base			

Weather:

Temperature		Weather	
Inside Hopper		Before	
Right Behind Paver		During	
At Plant on Tarp Rack (See Ticket Slip)		After	

*Utilize one thermometer. Calibrate using non-laser only in boiling water 212°

Vehicle Info:

Are they using a material transfer vehicle? <input type="checkbox"/> Yes <input type="checkbox"/> No	Truck Haul Time:
If yes, is it a remixer? <input type="checkbox"/> Yes <input type="checkbox"/> No	Trucks <input type="checkbox"/> Dump <input type="checkbox"/> Live Bottom

Tack Truck	<input type="checkbox"/> Cornrows <input type="checkbox"/> Uniform Coverage <input type="checkbox"/> Puddles Everywhere
Notes:	

Paving Crew		
Continuous Movement? <input type="checkbox"/>	Bumps? <input type="checkbox"/>	Does Paver Gradually Grab Truck? <input type="checkbox"/>
Crew experience (related to application)?		
Setting up roller pattern (did they use nuke gauge?)		
Paving Width?	# Lanes Paved	Cold Joints Tacked? <input type="checkbox"/> Yes <input type="checkbox"/> No
Trucks	Enough to Pave Without Stopping?	
If not, explain:		

Roller/Compaction
Speed
Going Straight
Any Sharp Turns
Density
Roller parking on mat close to paver?
of Rollers in Operation
How soon after finish roller was traffic moved onto new pavement?

Additional Notes About Project:

Was there anything odd about the operation?