



## Why do we write specifications?

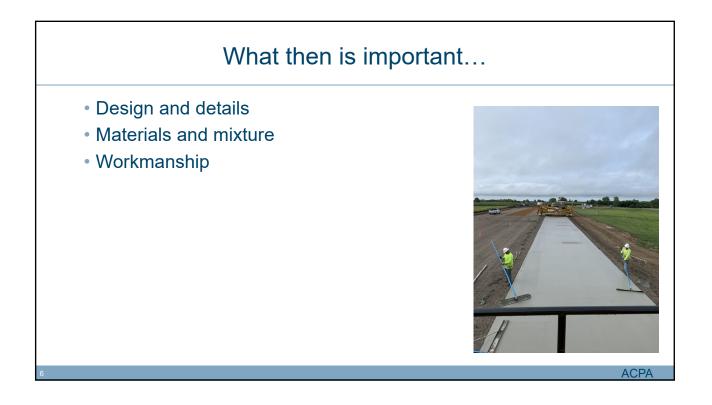
- To establish expectations
- To make sure we get what we want
- To decide whether to pay
- To set up remedial actions

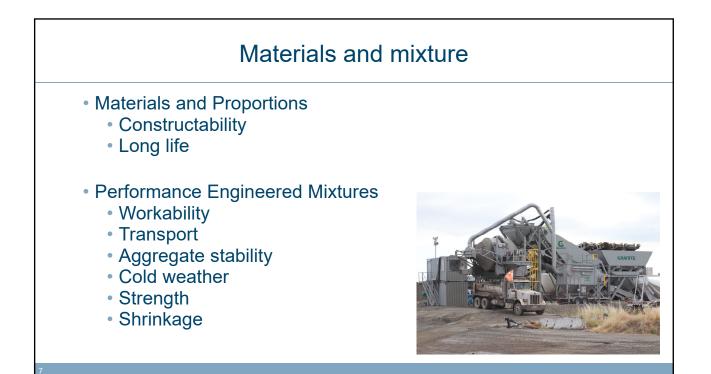


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Source unknow







Mixture	– Affected	by
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	Transport	Strength	Cold weather	Aggregates	Shrinkage	Workability
Lab	w/cm, Binder	w/cm	AVS, SCM	Mineralogy,	Paste	Water, WRA
				SCM	content	
In front	w/cm, Binder	w/cm	AVS	-	-	Water, WRA
Behind	-	-	AVS	-	-	-
Later	-	-	-	-	-	-

	Transport	Strength	Cold weather	Aggregates	Shrinkage	Workability
Lab	Resist	Comp / Flex - w/cm	SAM, Pot, SCM	R80	Paste content	Vkelly, Box
In front	Resist, w/cm	Comp / Flex - w/cm	SAM, Pot	-	Paste content	Slump
Behind			Water a	and air		
ater	Water and air					

The S	lab – A	ffected	by
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	Consolidation	Segregation	Cracking	Skid	Smoothness
				Resistance	
Lab	Workability	Workability	Shrinkage	-	Paste
					content
In front	Workability	-	-	-	-
Behind	Vibration	Vibration	Curing	Texture	Speed / vibration
Later	-	-	Sawing	-	-

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	Consolidation	Segregation	Cracking	Skid Resistance	Smoothness
Lab	Ruler, Float	Eye	Paste content	-	Proportions
In front	-	Need	-	-	-
Behind	Need	Need	Need	Need	RTS
Later	-	-	UPV, MIRA	-	Many

