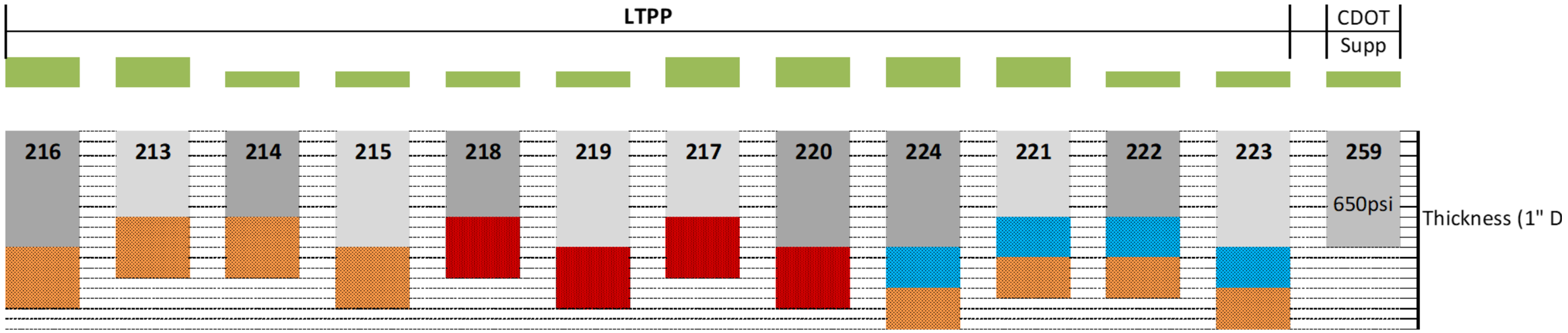
Colorado SPS-2 Test Section Layout



Base Types

- Dense Graded Aggregate Base (4" & 6")
- Permeable Bituminous Treated Base (4")
- Lean Concrete Base (6")

Lane Width

- 12 ft Lane Width
- 14 ft Lane Width

PCCP Mix Type

- 550 Mix
- 900 Mix

Treatment	216	213	214	215	218	219	217	220	224	221	222	223	259
Diamond Grind													
Joint Re-Seal													
Partial Depth Repair													
Full Depth Repair													
Dowel Bar Retrofit													
Cross-Stitching													
Slab Stabilization													
Other													

TABLE 1 Original Experimental Design and As Constructed SPS-2 Test Sections—Shaded Cells Represent Sections Actually Constructed

Pavement Structure					Climatic Zones, Subgrade																				
		PCCP			WET										DRY										
Drainage	Base Type	Thickness (inches)	Flexural Strength 14-D (psi)	Lane Width (ft)	FREEZE							NO FREEZE				FREEZE					NO FREEZE				
					Fine					Coarse		Fine		Coarse		Fine			Coarse		Fine		Coarse		
					KS	OH	ND	MI	IA	DE	WI	NC	AR	P	Q	WA	NV	CO	T	U	V	W	CA	AZ	
No	DGAB	8	550	12																					
				14																					
			900	12																					
				14																					
		11	550	12																					
				14																					
			900	12																					
				14																					
No	LCB	8	550	12																					
				14																					
			900	12																					
				14																					
		11	550	12																					
				14																					
			900	12																					
				14																					
Yes	PATB	8	550	12																					
				14																					
			900	12																					
				14																					
		11	550	12																					
				14																					
			900	12																					
				14																					

Delaware
Wisconsin
North Dakota
Kansas
Arizona
California
Arkansas
Colorado
Washington
Ohio
Michigan
Iowa
Nevada
North Carolina