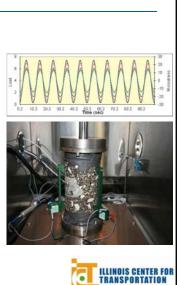


## **Push-pull Test Results**

- Developed late 2000s by Richard Kim and his co-workers at North Carolina State University
- The main purpose is to characterize damage in asphalt concrete with repeated load applications
- Cyclic displacements generate uniaxial tension and compression in the specimen
- Tests are usually conducted at temperatures from 10 to 20°C and various strain levels (100 to 500 microstrains)



	Pusi	<b>า-p</b> เ	ull Te	st Ma	trix	
•	orous test n levels an				different	
	Sample ID	ID #	Air Voids	Microstrain	Temperature (°C)	
	2.5% RAS	1	5.1	250	20	
	2.5% RAS PG 46-34	2	4.7	350	20	
	PG 46-34	3	4.5	350	20	
		1	5.9	150	15	
	5.0% RAS	2	3.0	250	20	
	PG 46-34	3	4.1	250	20	
	PG 40-54	4	2.8	350	20	
		5	5.6	350	20	
		1	3.9	150	15	
	7.5% RAS	2	5.1	250	20	
	PG 46-34	3	5.4	250	20	
	PG 40-34	1	5.8	350	20	
		2	5.5	350	20	IS CENTER
	7.5% RAS	1	3.7	150	15	SPORTATIO

