

LTPP SPS Traffic Data Collection Pooled-Fund Study, TPF-5(004) Site-by-Site Summary of Installation, Calibration, Validation, and Data Collection Dates

BENDING PLATES (11)

Participating SPS Site	WIM SITE LOCATION					WIM Pavement Type	EQUIPMENT INSTALLED			SITE ACTIVITY DATES					# of Validations	Data Collection		Shares Data With...	WIM Sensor Replacement Date
	Highway	Latitude	Longitude	from nearest SPS Test Section	WIM Sensor / Controller		By Agency	By Contractor	Installation	Initial Calibration	Initial Validation	Last Validation	Began	Ended					
1. Arizona	040100	US-93 North at M.P. 52.62	35° 24.004'	-114° 15.671'	200 ft	PCC	Bending Plate/SINC	✓	08/09/06	05/03/07	05/03/07	08/21/12	4	05/05/07		040900 & 04A900 (SPS)			
2. Arizona	040200	I-10 East at M.P. 108.6	33° 26.591'	-112° 41.774'	200 ft	PCC	Bending Plate/SINC	✓	03/27/07	05/01/07	05/01/07	09/15/10	3	05/02/07					
3. Arkansas	050200	I-30 North of SR-74 Overpass	N 34.43768°	W -92.78052°	6 mi	PCC	Bending Plate/SINC	✓	10/19/06	12/13/06	05/16/07	03/21/12	4	01/11/07					
4. California	060200	SR-99 at M.P. 32.5	N 37.4160°	W -120.7580°	75 ft	PCC	Bending Plate/SINC	✓	11/30/07	01/30/08	03/26/08	11/30/11	3	01/31/08					
5. Colorado	080200	I-76 East at M.P. 39.7	N 40.11830°	W -104.50830°	20 mi	PCC	Bending Plate/SINC	✓	04/27/06	04/28/06	06/28/06	02/21/12	5	04/29/06					
6. Illinois	170600	I-57 at M.P. 225.6	N 39.9837°	W -88.3033°	8,020 ft	PCC	Bending Plate/SINC	✓	07/27/05	08/11/05	09/08/05	11/02/11	6	08/15/05			#2 Sensor 02/21/07		
7. Kansas	200200	I-70 West at M.P. 287.48	38.99020°	-97.00030°	1,500 ft	PCC	Bending Plate/SINC	✓	06/08/06	06/09/06	11/01/06	11/15/11	5	06/10/06	204054 (GPS)				
8. Maryland	240500	US-15 North at M.P. 4.62	N 39°19.839'	W 77°30.610'	450 ft	PCC	Bending Plate/SINC	✓	10/26/05	02/28/06	03/22/06	12/08/11	5	03/01/06					
9. Texas	480100	US-281 North of SR-186 at M.P. 34.0	26.6860°	-98.1147°	1,653 ft	PCC	Bending Plate/PAT DAW190	✓	02/15/05	03/22/05	04/28/05	01/25/11	5	?					
10. Virginia	510100	US-29 bypass at M.P. 12.8	N 36.6599°	W -79.3656°	200 ft	PCC	Bending Plate/SINC	✓	11/04/06	01/04/07	02/01/07	10/18/11	5	01/09/07					
11. Wisconsin	550100	SH-29 at M.P. 189.8	44.8508°	-89.2671°	95 ft	PCC	Bending Plate/SINC	✓	06/20/07	10/23/07	11/28/07	04/14/11	3	10/24/07	550200 & 55C900 (SPS)				

QUARTZ KISTLERS (13)

Participating SPS Site	WIM SITE LOCATION				WIM Pavement Type	EQUIPMENT INSTALLED			SITE ACTIVITY DATES				# of Validations	Data Collection		Shares Data With...	WIM Sensor Replacement Date	
	Highway	Latitude	Longitude	from nearest SPS Test Section		WIM Sensor / Controller	By Agency	By Contractor	Installation	Initial Calibration	Initial Validation	Last Validation		Began	Ended			
1. Delaware	100100	US-113 Southbound North of SR-579	N 38.7617°	-75.4385°	500 ft	PCC	Quartz Kistler/SINC		✓	07/11/07	07/19/07	08/08/07	07/15/10	3	07/20/07	11/08/12	100200 (SPS)	
2. Florida	120100	US-27 13.8 Miles South of US-80	26.48096°	-80.65128	728 ft	AC	Quartz Kistler/PAT DAW190	✓		03/20/03	07/09/03	12/17/03	05/22/07*	4	?	?		
3. Florida	120500	US-1 4.5 Miles North of SR-706	26.99734	80.09726	182 ft	AC	Quartz Kistler/PAT DAW190			03/21/03	07/10/03	12/18/03	09/24/08	5	?	?	121030 (GPS)	
4. Indiana	180600	US-31 North at M.P. 216.9	41.22390°	-86.26020°	3,380 ft	AC	Quartz Kistler/SINC		✓	07/01/08	07/17/08	09/04/08	03/07/12	3	07/18/08		183003 (GPS)	
5. Louisiana	220100	US-171 at M.P. 8.4	N 30.34960°	W -93.19862°	490 ft	AC	Quartz Kistler/SINC		✓	12/13/07	01/23/08	03/05/08	11/22/11	3	01/24/08			
6. Maine	230500	I-95 at M.P. 200.1	N 44.9989°	W -68.7005°	3.3 mi	AC	Quartz Kistler/SINC		✓	05/23/07	07/24/07	08/15/07	11/30/2010*	3	07/25/07	09/09/11	231001 (GPS)	
7. Michigan	260100	US-27 South at M.P. 99.1	43.0239°	-84.5435°	3.05 mi	PCC	Quartz Kistler/PAT DAW190	✓		06/01/05	Agency	12/07/05	05/11/11	5	06/01/05			
8. Minnesota	270500	US-2 at M.P. 91.8	N 47.5302°	W -95.3302°	5.4 mi	AC	Quartz Kistler/SINC		✓	10/06/06	11/01/06	12/13/06	04/04/12	5	11/02/06			08/07/12
9. New Mexico	350100	I-25 North at M.P. 36.1	32.67770°	-107.06540°	850 ft	AC	Quartz Kistler/SINC		✓	04/30/08	05/14/08	08/21/08	08/02/12	3	05/15/08			
10. New Mexico	350500	I-10 East at M.P. 50.2	32.19320°	-108.30150°	1.1 mi	AC	Quartz Kistler/SINC		✓	04/30/08	05/15/08	08/19/08	07/31/12	3	05/16/08			
11. Pennsylvania	420600	I-80 at M.P. 158.2	N 40.9555°	W 77.7593°	7.0 mi	AC	Quartz Kistler/SINC		✓	05/02/07	05/22/07	05/30/07	02/08/12	4	05/31/07			
12. Tennessee	470600	I-40 West at M.P. 91.67	N 35.70920°	W 88.66330°	859 ft	AC	Quartz Kistler/SINC		✓	05/10/07	05/31/07	06/13/07	04/18/12	4	06/01/07			
13. Washington	530200	US-395 at M.P. 93.01	47.0737°	-118.4095°	0 ft	PCC	Quartz Kistler/1068	✓		01/03/06	01/18/06	11/29/06	05/02/12	5	01/19/06			

LOAD CELLS (2)

Participating SPS Site	WIM SITE LOCATION				WIM Pavement Type	EQUIPMENT INSTALLED			SITE ACTIVITY DATES				# of Validations	Data Collection		Shares Data With...	WIM Sensor Replacement Date
	Highway	Latitude	Longitude	from nearest SPS Test Section		WIM Sensor / Controller	By Agency	By Contractor	Installation	Initial Calibration	Initial Validation	Last Validation		Began	Ended		
1. Ohio	390100	US-23 at M.P. 19.7	40.43188°	-83.0748°	312 ft	PCC	Load Cell/Mettler-Toledo	✓		08/15/96	Agency	02/04/04	12/13/11	5	08/22/96		
2. Ohio	390200	US-23 at M.P. 19.7	40.43188°	-83.0748°	312 ft	PCC	Load Cell/Mettler-Toledo	✓		08/15/96	Agency	02/04/04	12/13/11	5	08/22/96		

* Site did not pass validation

NOTE:
 XX0100: Strategic Study of Structural Factors for Flexible Pavements
 XX0200: Strategic Study of Structural Factors for Rigid Pavements
 XX0500: Rehabilitation of Asphalt Concrete Pavements
 XX0600: Rehabilitation of Jointed PCC Pavements