

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				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	# of Validations	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