

# History of Florida Pavement Condition Survey

1973 to 2019

FDOT Office  
State Materials Office

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# HISTORY OF FLORIDA PAVEMENT CONDITION SURVEY

## 2019-1973

**2019 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) PCS Field Work Started 1/8/2018 and was completed on 9/19/2018
- 2) Survey Released 2/28/2019
- 3)
 

Flexible Miles Rated	18,636.606
Rigid Miles Rated	436.852
Total Miles Rated	19,073.458
- 4)
 

Flexible Lane Miles	42,239.971
Rigid Lane Miles	1,191.450
Total Lane Miles	44,431.421
- 5)
 

Flexible sections rated	8,362
Rigid sections rated	323
Total sections rated	8,685

**2018 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) PCS Field Work Started 4/10/2017 and was completed on 12/6/2017
- 2) Survey released 03/12/2018
- 3)
 

Flexible Miles Rated	18,558.548
Rigid Miles Rated	407.526
Total Miles Rated	18966.074
- 4)
 

Flexible Lane Miles	43,013.477
Rigid Lane Miles	1,137.149
Total Lane Miles	44,150.626
- 5)
 

Flexible sections rated	8,365
Rigid sections rated	311
Total sections rated	8,676

**2017 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) PCS Field Work Started 4/4/2016 and was completed on 12/8/2016
- 2) Survey released 4/3/2017
- 3)
 

Flexible Miles Rated	18,557.858
Rigid Miles Rated	373.938
Total Miles Rated	18,931.796

4)	<i>Flexible Lane Miles</i>	42,845.250
	<i>Rigid Lane Miles</i>	1,067.779
	<i>Total Lane Miles</i>	43,913.029
5)	<i>Flexible sections rated</i>	8,334
	<i>Rigid sections rated</i>	298
	<i>Total sections rated</i>	8,632

**2016 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *PCS Field Work Started 4/6/2015 and was completed on 12/10/2015*
- 2) *Survey released 4/1/2016*
- 3) *Flexible Miles Rated* 18,560.134  
*Rigid Miles Rated* 367.637  
*Total Miles Rated* 18,927.771
- 4) *Flexible Lane Miles* 42,712.512  
*Rigid Lane Miles* 1,052.302  
*Total Lane Miles* 43,764.814
- 5) *Flexible sections rated* 8,333  
*Rigid sections rated* 283  
*Total sections rated* 8,616
- 6) *Policy change: International Roughness Index (IRI) now being used to determine Ride rating.*

**2015 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *PCS Field Work Started 4/14/2014 and was completed on 12/17/2014*
- 2) *Survey released 4/1/2015*
- 3) *Flexible Miles Rated* 18,503.262  
*Rigid Miles Rated* 366.361  
*Total Miles Rated* 18,869.623
- 4) *Flexible Lane Miles* 42,465.824  
*Rigid Lane Miles* 1,049.607  
*Total Lane Miles* 43,515.431
- 5) *Flexible sections rated* 8,371  
*Rigid sections rated* 280  
*Total sections rated* 8,651

**2014 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *PCS Field Work Started 4/09/2013 and was completed on 12/19/2013*

2)	Survey released 4/01/2014	
3)	Flexible Miles Rated	18,471.424
	Rigid Miles Rated	364.947
	Total Miles Rated	18,836.371
4)	Flexible Lane Miles	42,349.175
	Rigid Lane Miles	1,045.639
	Total Lane Miles	43,394.814
5)	Flexible sections rated	8,383
	Rigid sections rated	274
	Total sections rated	8,657

**2013 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

1)	PCS Field Work Started 4/09/2012 and was completed on 12/18/2012	
2)	Survey released 4/01/2013	
3)	Flexible Miles Rated	18,441.457
	Rigid Miles Rated	360.983
	Total Miles Rated	18,802.440
4)	Flexible Lane Miles	42,210.848
	Rigid Lane Miles	1,038.919
	Total Lane Miles	43,249.767
5)	Flexible sections rated	8,381
	Rigid sections rated	271
	Total sections rated	8,652

**2012 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

1)	PCS Field Work Started 04/04/2011 and was completed on 12/01/2011	
2)	Survey released 03/30/2012	
3)	Flexible Miles Rated	18,405.695
	Rigid Miles Rated	362.503
	Total Miles Rated	18,768.198
4)	Flexible Lane Miles	41,981.117
	Rigid Lane Miles	1,042.344
	Total Lane Miles	43,023.461
5)	Flexible sections rated	8,343
	Rigid sections rated	271
	Total sections rated	8,614

**2011 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) PCS Field Work Started 03/29/2010 and was completed on 12/07/2010
- 2) Survey released 04/01/2011
- 3) Flexible Miles Rated 18,406.282  
Rigid Miles Rated 361.459  
Total Miles Rated 18,767.741
- 4) Flexible Lane Miles 41,878.991  
Rigid Lane Miles 1,039.600  
Total Lane Miles 42,918.591
- 5) Flexible sections rated 8,384  
Rigid sections rated 269  
Total sections rated 8,653

**2010 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) Implemented laser profiler to collect rigid faulting data
- 2) Implemented automated rigid field data entry workbook for upload to mainframe dataset
- 3) Profile data was collected using a sampling rate of 1 inch and reported to 6 inch, compared to sampling and reporting at 6 inch.
- 4) Implemented new Highway Performance Monitoring System (HPMS) Reassessment data and reporting requirements:
  - Data reported in 0.100 mile with Bridges/Structures included.
  - Percent Fatigue Cracking and Rutting for Flexible Pavement
  - Percent Slabs Cracked and Faulting for Rigid Pavement
- 5) Average Slab Length, Percent Cracked Slabs, Multiple Cracked Slab fields added to rigid dataset to accommodate new HPMS requirements.
- 6) PCS Field Work Started 04/06/2009 and was completed on 12/17/2009
- 7) Survey released 04/02/2010
- 8) Flexible Miles Rated 18,428.759  
Rigid Miles Rated 360.947  
Total Miles Rated 18,789.706
- 9) Flexible Lane Miles 41,779.604  
Rigid Lane Miles 1,020.471  
Total Lane Miles 42,800.075
- 10) Flexible sections rated 8,416  
Rigid sections rated 271  
Total sections rated 8,687

**2009 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *Implemented automated flexible field data entry workbook for upload to mainframe dataset*
- 2) *Minimum rated section length increased to ½ mile*
- 3) *Build PCS dataset from laser profiler reports for programmatic extraction of HPMS sample sections*
- 4) *Paved turn lane no longer considered divided highway*
- 5) *Completed SCRAP/SCOP 09/02/2008*

*District 4 – 20.1 miles rated*

- 6) *PCS Field Work Started 03/31/2008 and was completed on 12/16/2008*
- 7) *Survey released 04/02/2009*
- 8) *Flexible Miles Rated*                    18,504.668  
*Rigid Miles Rated*                        344.319  
*Total Miles Rated*                        18,848.987
- 9) *Flexible Lane Miles*                    41,586.720  
*Rigid Lane Miles*                         962.479  
*Total Lane Miles*                        42,549.199
- 10) *Flexible sections rated*            8,520  
*Rigid sections rated*                    261  
*Total sections rated*                    8,781

**2008      Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *All survey vehicles utilizing WinPro data acquisition software*
- 2) *Rated Lane field added to database*
- 3) *Financial Project ID field added to database. FIN recorded if section is greater than or equal to one mile.*
- 4) *Completed SCRAP/SCOP 09/10/2007*

*Miles Rated*

- *District 2 – 245.704*
- *District 3 – 184.569*
- *District 4 – 22.639*

- 5) *PCS Field Work Started 03/26/2007, and was completed on 01/09/2008*
- 6) *Survey released 04/01/2008*
- 7) *Flexible Miles Rated*                    18,543.264  
*Rigid Miles Rated*                        350.263  
*Total Miles Rated*                        18,893.627
- 8) *Flexible Lane Miles*                    41,400.810  
*Rigid Lane Miles*                         962.888  
*Total Lane Miles*                        42,363.698
- 9) *Flexible sections rated*            8,660

<i>Rigid sections rated</i>	265
<i>Total sections rated</i>	8,925

**2007 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

1)	<i>Completed SIS survey</i>	<i>02/28/07</i>
	<i>Miles Rated</i>	<i>204.919</i>
2)	<i>Completed SCRAP/SCOP</i>	<i>08/14/2006</i>
	<i>Miles Rated</i>	<i>1,103.66</i>
3)	<i>PCS Field Work Started 03/20/06, and was completed on 12/19/2006</i>	
4)	<i>Survey released</i>	<i>03/21/07</i>
5)	<i>Flexible Miles Rated</i>	<i>18,328.929</i>
	<i>Rigid Miles Rated</i>	<i>363.891</i>
	<i>Total Miles Rated</i>	<i>18,692.820</i>
6)	<i>Flexible Lane Miles</i>	<i>41,191.490</i>
	<i>Rigid Lane Miles</i>	<i>988.434</i>
	<i>Total Lane Miles</i>	<i>42,179.924</i>
7)	<i>Flexible sections rated</i>	<i>8,199</i>
	<i>Rigid sections rated</i>	<i>270</i>
	<i>Total sections rated</i>	<i>8,469</i>

**2006 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

1)	<i>Completed SIS survey</i>	<i>June 15, 2005</i>
	<i>Miles Rated</i>	<i>185.431</i>
2)	<i>Completed SCRAP/SCOP</i>	<i>July 31, 2005</i>
	<i>Miles Rated</i>	<i>882.672</i>
3)	<i>PCS Started 03/14/05, and was completed on 12/ 14/05</i>	
4)	<i>Flexible Miles Rated</i>	<i>18,251.53</i>
	<i>Rigid Miles Rated</i>	<i>364.39</i>
	<i>Total Miles Rated</i>	<i>18,615.91</i>
5)	<i>Flexible Lane Miles</i>	<i>40,788.13</i>
	<i>Rigid Lane Miles</i>	<i>993.21</i>
	<i>Total Lane Miles</i>	<i>41,781, 45</i>
6)	<i>Flexible sections rated</i>	<i>8,013</i>
	<i>Rigid sections rated</i>	<i>271</i>
	<i>Total sections rated</i>	<i>8,284</i>
7)	<i>Policy change made a ride rating of less than 5.5 deficient if the posted speed limit was less than 50 mph. Otherwise, ride rating of less than 6.5 was deficient.</i>	

**2005 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) PCS Started 03/29/04, and was completed on 12/15/04
- 2) Flexible Miles Rated 18,061.64  
Rigid Miles Rated 363.08  
Total Miles Rated 18,424.71
- 3) Flexible Lane Miles 40,380.77  
Rigid Lane Miles 975.7  
Total Lane Miles 41,356.48
- 4) Flexible sections rated 7,966  
Rigid sections rated 261  
Total sections rated 8,227

**2004 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) For the 2004 Survey, the profile data is collected using a sampling rate of 6 inch compared to a 12 inch sample interval in previous survey years.
- 2) Survey started 03/24/2003, and was completed on 01/14/04
- 3) Survey released 03/23/04
- 4) Flexible Miles Rated 18,071.48  
Rigid Miles Rated 368.24  
Total Miles Rated 18,439.72
- 5) Flexible Lane Miles 40,039.01  
Rigid Lane Miles 976.94  
Total Lane Miles 41,015.50
- 6) Flexible sections rated 7,884  
Rigid sections rated 269  
Total sections rated 8,153

**2003 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) Added Code for Raters to CC 85 & CC 86 of the Flexible AREA file.
- 2) Added Code for Raters to CC 52 & CC 53 of the Flexible PERMANENT file.
- 3) Survey was started on 03/25/2002, and was completed 01/08/2003
- 4) Survey released 3/27/03
- 5) Flexible Miles Rated 17,916.53  
Rigid Miles Rated 369.94  
Total Miles Rated 18,286.47



- 6) *Flexible Lane Miles*                    39,800.39  
*Rigid Lane Miles*                        978.44  
*Total Lane Miles*                        40,778.82
- 7) *Flexible sections rated*            7,871  
*Rigid sections rated*                    267  
*Total sections rated*                    8,138
- 9) *Added rater codes to the area data set in CC 85 & 86.*  
*Not included in permanent data set*
- 10) *Added to the handbook that all lanes could be considered for*  
*overall crack rating (reflective of overall condition).*

**2002      Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *Survey started on 04/02/2001, and was completed on 01/17/2002*
- 2) *Added Ride Number to Rut Depth in 0.01 interval*
- 3) *Added R to indicate profiler reruns under verification codes*
- 4) *Survey released*                        03/15/2002
- 5) *Flexible Miles Rated*                    17,898.876  
*Rigid Miles Rated*                        397.640  
*Total Miles Rated*                        18,296.516
- 6) *Flexible Lane Miles*                    39,428.791  
*Rigid Lane Miles*                        1,034.599  
*Total Lane Miles*                        40,463.390
- 7) *Flexible sections rated*            7,777  
*Rigid sections rated*                    275  
*Total sections rated*                    8,052
- 8) *Policy change made a ride rating of less than 5.5 deficient if the posted speed limit was less than 45 mph. Otherwise, rating of less than 6.5 was deficient.*

**2001      Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *Removed Code for Type and leading zero from State Road number and U.S. Road Number field.*
- 2) *Allowed laser measured rut depths to be used on Type 6 (no ride) in lieu of manual measurements.*
- 3) *Survey started 03/27/2000, and was completed on 01/10/2001*
- 4) *Survey released on 3/12/2001*
- 5) *Flexible Miles Rated*                    17,624.341  
*Rigid Miles Rated*                        546.806

	<i>Total Miles Rated</i>	18,170.190
6)	<i>Flexible Lane Miles</i>	38,831.473
	<i>Rigid Lane Miles</i>	1,331.175
	<i>Total Lane Miles</i>	40,162.648
7)	<i>Flexible sections rated</i>	7,782
	<i>Rigid rated section</i>	302
	<i>Total sections rated</i>	8,084

**2000 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) Survey was started on 03/22/99, and was completed on 1/12/2000
- 2) Survey released on 3/24/2000
- 3)

<i>Flexible Miles Rated</i>	17,486.318
<i>Rigid Miles Rated</i>	605.559
<i>Total Miles Rated</i>	18,091.877
- 4)

<i>Flexible Lane Miles</i>	38,535.787
<i>Rigid Lane Miles</i>	1,476.148
<i>Total Lane Miles</i>	40,011.935
- 5)

<i>Flexible sections rated</i>	7,770
<i>Rigid rated section</i>	307
<i>Total sections rated</i>	8,077
- 6) *Tested Forest Roads per Federal Highway Administration request.*

<i>Total miles rated</i>	530.190
<i>Total number of roads</i>	74
- 7) *Tested HPMS off- system sections for first time*

<i>Total miles rated</i>	357.4
<i>Total sections rated</i>	262

**1999 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) Survey was started on 03/30/98, and was completed on 01/12/99
- 2) Survey was released on 3/22/99
- 3)

<i>Flexible Miles Rated</i>	17,314.411
<i>Rigid Miles Rated</i>	622.325
<i>Total Miles Rated</i>	17,976.736
- 4)

<i>Flexible Lane Miles</i>	37,925.623
<i>Rigid Lane Miles</i>	1,566.420
<i>Total Lane Miles</i>	39,492.043

- 5) *Flexible sections rated*            7,652  
     *Rigid rated section*                322  
     *Total sections rated*               7,974
- 6) *Converted to laser profilers*
- 7) *Used Ride Number (RN) times 20 for ride rating.*  
     *Ride number was based on rate 4 filtered to 300*  
     *foot wavelength from the outside wheel path.*
- 9) *Started using laser profiler for ride acceptance*  
     *Rate 2 Ride Number (RN) filtered to 300 foot.*
- 10) *Warranty specification implemented this year.*

**1998    Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *Survey started 3/17/97, and was completed on 1/13/98*
- 2) *Survey released 4/01/98*
- 3) *Flexible Miles Rated*                17,201.156  
     *Rigid Miles Rated*                    681.677  
     *Total Miles Rated*                    17,882.833
- 4) *Flexible Lane Miles*                 37,572.317  
     *Rigid Lane Miles*                    1,592.399  
     *Total Lane Miles*                    39,164.716
- 5) *Flexible sections rated*            7,524  
     *Rigid rated section*                330  
     *Total sections rated*               7,854

**1997    Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *Survey started 3/22/96, and was completed on 1/16/97*
- 2) *Survey released 3/05/97.*
- 3) *Flexible Miles Rated*                17,121.634  
     *Rigid Miles Rated*                    692.277  
     *Total Miles Rated*                    17,813.911
- 4) *Flexible Lane Miles*                 37,307.869  
     *Rigid Lane Miles*                    1,603.559  
     *Total Lane Miles*                    38,911.428
- 5) *Flexible sections rated*            7,429  
     *Rigid rated section*                329

Total sections rated 7,758

**1996 Completed Flexible and Rigid Pavement Survey by State Materials Office**

- 1) Survey started 3/27/95.
- 2) Survey field-work completed 1/17/96.
- 3) Survey released 3/05/96.
- 4) Flexible Miles Rated 17,027.506  
Rigid Miles Rated 718.910  
Total Miles Rated 17,746.416
- 5) Flexible Lane Miles 37,018.830  
Rigid Lane Miles 1,694.010  
Total Lane Miles 38,712.840
- 6) Flexible sections rated 7,209  
Rigid rated section 337  
Total sections rated 7,546

**1995 Completed Flexible and Rigid Pavement Survey by State Materials Office**

- 1) Survey started 3/21/94
- 2) Light moderate and severe raveling added to survey as separate identity.
- 3) Patching added to survey as separate identity.
- 4) Type 2 added to survey to reflect pavement improvements without complete overlay (Intersections overlays).
- 5) System coded under US number was changed to match system codes.
- 6) Completed survey field-work January 26, 1995.
- 7) Survey released on March 30, 1995.
- 8) HPMS - FHWA added primary and interstate system in one direction - Appendix J.
- 9) Produced PCS and HPMS Facts.
- 10) Flexible Miles Rated 16,879.704  
Rigid Miles Rated 746.673  
Total Miles Rated 17,626.377
- 11) Flexible Lane Miles 36,390.738  
Rigid Lane Miles 1,738.909  
Total Lane Miles 38,129.647
- 12) Flexible sections rated 7,078  
Rigid rated section 347  
Total sections rated 7,425

**1994 Completed Flexible Pavement by State Materials Office**

- 1) Survey started 6/07/93
- 2) Instructions from Mr. Ken Morefield via Mr. L.L. Smith were to complete flexible survey by April 01, 1994. The rigid pavement will not be accomplished in 1994 in order to complete survey by April 01, 1994.
- 3) Completed survey field-work on February 3, 1994.
- 4) Released survey on February 21, 1994.
- 5) Flexible Miles Rated 16,766.683  
Rigid Miles Rated 861.287  
Total Miles Rated 17,627.970
- 6) Flexible Lane Miles 36,065.275  
Rigid Lane Miles 1,959.640  
Total Lane Miles 38,024.915
- 7) Flexible sections rated 7,026  
Rigid rated section 387  
Total sections rated 7,413

**1993 Completed Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) Survey started 7/06/92, and was completed on 4/22/1993
- 2) Ultrasonic Rut Depth (Actual Values) was recorded in CC 44-47 in Team File and CC 60-63 in permanent file.
- 3) New instruction manuals flexible and rigid for the Pavement Condition Survey published April, 1993.
- 4) Released survey 5/28/1993
- 5) Flexible Miles Rated 16,662.666  
Rigid Miles Rated 861.677  
Total Miles Rated 17,523.953
- 6) Flexible Lane Miles 35,765.134  
Rigid Lane Miles 1,959.640  
Total Lane Miles 37,724.774
- 7) Flexible sections rated 6,934  
Rigid sections rated 389  
Total sections rated 7,323

**1992 Complete Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) Survey was started on 8/05/91, and was completed on 5/04/1992
- 2) Ultrasonic Profilers replaced Mays Ride Meters  
Ride Rating (RR) =  $99.7576 + (-0.1569 \times IRI)$  used until 1999 survey

- 3) *Rut Depth measured manually and with Ultrasonic Profilers for comparison*
- 4) *0 to 10 scale implemented for Rut, Ride, and Defect scale as new rating system selected by Pavement Management Committee*
- 5) *Rut scale changed to add 1 1/8" and 1 1/4" for 10 scale*
- 6) *IRI reported for outside wheel path only with no filtering*
- 7) *IRI converted to PSI<sub>sv</sub> (10 scale) through correlation to CHLOE Profilometer. Correlation combined all units at all speeds (30, 40 & 50 MPH) and for both wheel paths*
- 8) *Number of lanes added to Type 9 code (State Maintained exception such as bridges, etc.)*
- 9) *Responsibility for HPMS sections added to Survey Personnel.*
- 10) *Rut depth (Ultrasonic) in 0.001 mile increments for interstate flexible system was added to mainframe database*
- 11) *Ultrasonic Rut Depth was used for Rut rating (Flexible Pavement Survey). If Type 6 (No Ride) then Manual Rut Depth was used.*
- 12) *Cracking scale was adjusted from procedures manual to J=2.5 if confined to wheel path (CW), and J=1.0 if outside of wheel path (CO). Adjustments made per Mr. Ken Morefield.*
- 13) 

<i>Flexible Miles Rated</i>	<i>16,504.153</i>
<i>Rigid Miles Rated</i>	<i>889.772</i>
<i>Total Miles Rated</i>	<i>17,392.183</i>
- 14) 

<i>Flexible Lane Miles</i>	<i>35,402.349</i>
<i>Rigid Lane Miles</i>	<i>2,020.421</i>
<i>Total Lane Miles</i>	<i>37,422.770</i>
- 15) 

<i>Flexible sections rated</i>	<i>6,726</i>
<i>Rigid rated section</i>	<i>394</i>
<i>Total sections rated</i>	<i>7,118</i>

**1991 Complete Flexible and Rigid Pavement Surveys by State Materials Office**

- 1) *Survey was started on 6/11/90, and was completed on 05/02/91*
- 2) *Programming change to allow a menu driven data entry for Flexible Pavement Survey*
- 3) *A modified cracking method was added to Flexible Pavement Survey for evaluation*
- 4) *Added Type 0 to identify an exception, not state maintained, or a duplicate roadway section evaluated under another county section number that should be exceptions*
- 5) *All verification reports completed on May 09, 1991.*
- 6) *Survey on 0 to 10 scale was introduced for Flexible and Rigid.*
- 7) 

<i>Flexible Miles Rated</i>	<i>16,431.367</i>
<i>Rigid Miles Rated</i>	<i>912.414</i>
<i>Total Miles Rated</i>	<i>17,343.781</i>
- 8) 

<i>Flexible Lane Miles</i>	<i>34,915.445</i>
<i>Rigid Lane Miles</i>	<i>2,009.968</i>

	<i>Total Lane Miles</i>	36,925.413
9)	<i>Flexible sections rated</i>	6,456
	<i>Rigid sections rated</i>	397
	<i>Total Sections Rated</i>	6,853

**1990 Complete Flexible and Rigid Pavement Surveys by the State Materials Office**

- 1) *Survey was started on 6/12/89, and was completed on 05/02/1990*
- 2) *Trailers were painted and reconditioned causing delay in survey schedule*
- 3) *Added lanes to Type 9 (structures and/or exception) and Type 8 (under construction)*
- 4) *Flexible Miles Rated* 17,087.904  
*Rigid Miles Rated* 922.423  
*Total Miles Rated* 18,010.327
- 5) *Flexible Lane Miles* 34,684.121  
*Rigid Lane Miles* 2,060.555  
*Total Lane Miles* 36,744.676
- 6) *Flexible sections rated* 6,571  
*Rigid sections rated* 407  
*Total Sections Rated* 6,978

**1989 Complete Flexible and Rigid Pavement Surveys performed by the State Materials Office**

- 1) *Type 5 (new construction) and Type 7 (new overlay) codes were added*
- 2) *L (light), M (Moderate), and S (severe) codes were added in the Comments field to indicate the severity of up to 25% cracking*
- 3) *Survey started 2nd week in June 1988, and was completed in 1st week of May 1989*
- 4) *Flexible Miles Rated* 16,715.302  
*Rigid Miles Rated* 926.118  
*Total Miles Rated* 17,641.420
- 5) *Flexible Lane Miles* 33,875.971  
*Rigid Lane Miles* 2,052.093  
*Total Lane Miles* 35,928.064
- 6) *Flexible sections rated* 6,476  
*Rigid sections rated* 399  
*Total Sections Rated* 6,875

**1988 Complete Flexible and Rigid Pavement Surveys performed by State Materials Office**

- 1) *Survey was started in the third week of August 1987, and was completed in 1<sup>st</sup> week of May 1988*

2)	<i>Flexible Miles Rated</i>	16,423.565
	<i>Rigid Miles Rated</i>	939.608
	<i>Total Miles Rated</i>	17,363.173
3)	<i>Flexible Lane Miles</i>	33,334.466
	<i>Rigid Lane Miles</i>	2,064.341
	<i>Total Lane Miles</i>	35,398.807
4)	<i>Flexible sections rated</i>	6,347
	<i>Rigid sections rated</i>	401
	<i>Total sections rated</i>	6,748

**1987 Complete Flexible and Rigid Pavement Surveys performed by State Materials Office**

- 1) *Changes made to computer programs - flexible edit, flexible compare, and flexible difference*
- 2) *Survey was started in the third week of September 1986, and was completed in the last week of June 1987*
- 3) *Verification of rigid pavement survey in District 3 was performed on seven sections of Interstate 10*
- 4) *Flexible Miles Rated* 16,333.001  
*Rigid Miles Rated* 937.385  
*Total Miles Rated* 17,270.386
- 5) *Flexible Lane Miles* 33,010.922  
*Rigid Lane Miles* 2,078.848  
*Total Lane Miles* 35,089.770
- 6) *Flexible sections rated* 6,196  
*Rigid sections rated* 398  
*Total sections rated* 6,594

**1986 Complete Flexible and Rigid Pavement Surveys performed by State Materials Office**

- 1) *3 ruts per mile*
- 2) *ADT was eliminated*
- 3) *Adjusted ratings were eliminated*
- 4) *District 3 personnel rated own rigid pavements*
- 5) *Survey was started in the second week of September 1985*
- 6) *Survey was completed in the first week of September 1986*
- 7) *State Materials Office rated one section of rigid pavement per county in District 3 (Interstate) as a verification of the rigid survey*
- 8) *Type 6 code was added to survey to reflect No Ride. Ride value will match defect*
- 9) *Added Crack Type to Flexible Survey: A = Alligator, B = Block or C = Combination*
- 10) *Flexible Miles Rated* 15,468.834



	<i>Rigid Miles Rated</i>	96.923
	<i>Total Miles Rated</i>	15,565.757
11)	<i>Flexible Lane Miles</i>	32,937.004
	<i>Rigid Lane Miles</i>	277.744
	<i>Total Lane Miles</i>	33,214.748
12)	<i>Flexible sections rated</i>	5,765
	<i>Rigid sections rated</i>	47
	<i>Total sections rated</i>	5,812

**1985 Flexible and Rigid Pavement Surveys included Ride only**

- 1) STATE MATERIALS OFFICE tested Districts 2, 3 and 5
- 2) STATE MATERIALS OFFICE assisted with Districts 4 and 6
- 3) District 1 conducted the District survey
- 4) District 3 rated I-10 rigid for defects
- 5) STATE MATERIALS OFFICE collected Ride values on the rigid pavement of I-10
- 6) Defect ratings were adjusted from the 1984 survey data

**1984 Complete Flexible and Rigid Pavement Surveys performed by the Districts**

- 1) Defect on sections with a basic rating below 60 remaining section adjusted from 1983 survey.
- 2) Ride was not evaluated; Ride ratings were adjusted from the 1983 survey data.

**1983 Complete Flexible and Rigid Pavement Surveys performed by the Districts**

- 1) Pavement Type 7 & 8 were used by all Districts
- 2) Procedure for calculating Ride was included in the manual
- 3) Roadway 4 code was added for two- lane roads to give the direction surveyed

**1982 Complete Flexible and Rigid Pavement Surveys performed by the Districts**

- 1) Pavement Type 7 & 8 were added to the Flexible PCS - Districts 3 & 5 did not use these codes
- 2) Started calculated Ride between 1 & 5 if section was too short to test. To prevent basic ratings of 0

**1981 Complete Flexible and Rigid Pavement Surveys performed by the Districts**

- 1) Flexible had ride values above 100 - no upper limit
- 2) First survey using PCR's and trailers
- 3) Number of Lanes was added to the survey data collection table

- 1980**    **No survey was performed due to change over in equipment.**  
*Mays Ride Meters originally mounted In station wagons were mounted on Standard Trailers.*
- 1979**    **Complete Flexible and Rigid Pavement Survey by the Districts**
- 1978**    **Complete Flexible and Rigid Pavement Surveys performed by the Districts**
- 1977**    **Complete Flexible and Rigid Pavement Surveys performed by the Districts**
- 1976**    **Complete Flexible and Rigid Pavement Surveys performed by the Districts**  
1)        *Rigid pavement survey was newly added*
- 1975**    **Complete Flexible Pavement Survey performed by the Districts**
- 1974**    **Complete Flexible Pavement Survey performed by the Districts**
- 1973**    **Complete Flexible Pavement Survey performed by the Districts**