ODOT Development of Maintenance Practices for F-Mix Asphalt Survey
Codebook (from SPSS)

List of variables on the working file

Name (Position) Label

RESPNUM$ (1)
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

TIME$ (2)
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

YEARS (3) Years Employed by ODOT
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

EASYTYPE (4) Easiest Asphalt to Maintain
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

     Value   Label

      1   DENSE GRADED
      2   OPEN GRADED
      3   [IV] OTHER
      7   REFUSED
      8   DON'T KNOW
      9   NO ANSWER

_

DIFFTYPE (5) Most Difficult Asphalt to Maintain
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

     Value   Label

      1   DENSE GRADED
      2   OPEN GRADED

3   [IV] OTHER
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER

DISTRICT (6) ODOT Maintenance District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

        1   DISTRICT 1
        2   DISTRICT 2A
        3   DISTRICT 2B
        4   DISTRICT 2C
        5   DISTRICT 3
        6   DISTRICT 4
        7   DISTRICT 5
        8   DISTRICT 7
        9   DISTRICT 8
        10   DISTRICT 9
        11   DISTRICT 10
        12   DISTRICT 11
        13   DISTRICT 12
        14   DISTRICT 13
        15   DISTRICT 14
        97   REFUSED
        98   DON'T KNOW
        99   NO ANSWER

    _

LOCATE1 (7) District Coverage
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

        1   ENTIRE
        2   PART
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER

STRESS1 (8) R Seen Raveling in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

Value   Label

        1   NOT SEEN IT
        2   RARE
        3   SCATTERED
        4   PERVASIVE
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER

STRESS2 (9) R Seen Clogging in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

        1   NOT SEEN IT
        2   RARE
        3   SCATTERED
        4   PERVASIVE
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER

    _

STRESS3 (10) R Seen Gouging or Scarring in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

        1   NOT SEEN IT
        2   RARE
        3   SCATTERED
        4   PERVASIVE
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER

STRESS4 (11) R Seen Deformation Rutting from Trucks in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

        1   NOT SEEN IT
        2   RARE

3   SCATTERED
          4   PERVASIVE
          7   REFUSED
          8   DON'T KNOW
          9   NO ANSWER

STRESS5 (12) R Seen Rutting from Studded Tires in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

          1   NOT SEEN IT
          2   RARE
          3   SCATTERED
          4   PERVASIVE
          7   REFUSED
          8   DON'T KNOW
          9   NO ANSWER

_

STRESS6 (13) R Seen Thermal Cracking or Transverse Cracks in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

          1   NOT SEEN IT
          2   RARE
          3   SCATTERED
          4   PERVASIVE
          7   REFUSED
          8   DON'T KNOW
          9   NO ANSWER

STRESS7 (14) R Seen Alligator Cracking in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

          1   NOT SEEN IT
          2   RARE
          3   SCATTERED
          4   PERVASIVE
          7   REFUSED
          8   DON'T KNOW

9   NO ANSWER

STRESS8 (15) R Seen Reflective Cracking in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

        1   NOT SEEN IT
        2   RARE
        3   SCATTERED
        4   PERVASIVE
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER

    _

STRESS9 (16) R Seen Stripping in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

        1   NOT SEEN IT
        2   RARE
        3   SCATTERED
        4   PERVASIVE
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER

STRESS10 (17) R Seen Fat Spots Becoming a Problem in District
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

        Value   Label

        1   NOT SEEN IT
        2   RARE
        3   SCATTERED
        4   PERVASIVE
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER

STRESS11 (18) R Seen Icing Problems in District
    Measurement Level: Scale

Column Width: 8 Alignment: Right
Print Format: F11
Write Format: F11

Value   Label

1   NOT SEEN IT
2   RARE
3   SCATTERED
4   PERVASIVE
7   REFUSED
8   DON'T KNOW
9   NO ANSWER

_

STRESS12 (19) R Noticed Noisy Ride in District
Measurement Level: Scale
Column Width: 8 Alignment: Right
Print Format: F11
Write Format: F11

Value   Label

1   NOT SEEN IT
2   RARE
3   SCATTERED
4   PERVASIVE
7   REFUSED
8   DON'T KNOW
9   NO ANSWER

STRESS13 (20) R Noticed Pot Holes
Measurement Level: Scale
Column Width: 8 Alignment: Right
Print Format: F11
Write Format: F11

Value   Label

1   NOT SEEN IT
2   RARE
3   SCATTERED
4   PERVASIVE
7   REFUSED
8   DON'T KNOW
9   NO ANSWER

STRESS14 (21) R Noticed Bumpy Ride in District
Measurement Level: Scale
Column Width: 8 Alignment: Right
Print Format: F11
Write Format: F11

Value   Label

    1   NOT SEEN IT
    2   RARE
    3   SCATTERED
    4   PERVASIVE
    7   REFUSED
    8   DON'T KNOW
    9   NO ANSWER

_

STRESS15 (22) Other F-Mix Problems
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

    1   YES
    2   NO
    7   REFUSED
    8   DON'T KNOW
    9   NO ANSWER

STRSS15B (23) Frequency of Other F-Mix Problems
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

    2   RARE
    3   SCATTERED
    4   PERVASIVE
    7   REFUSED
    8   DON'T KNOW
    9   NO ANSWER

FOGSEAL (24) Use Fog Seal?
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

    1   YES
    2   NO
    7   REFUSED
    8   DON'T KNOW
    9   NO ANSWER

_

FOGPCT (25) Percentage of Fog Sealed Roads in District
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

         96   96 PERCENT OR MORE
         97   REFUSED
         98   DON'T KNOW
         99   NO ANSWER

FOGOFT (26) Frequency of Fog Sealing
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

         96   OTHER--SPECIFY
         97   REFUSED
         98   DON'T KNOW
         99   NO ANSWER

FOGLONG1 (27) Evidence of Fog Sealing Benefits?
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

          1   YES
          2   NO
          7   REFUSED
          8   DON'T KNOW
          9   NO ANSWER

_

FOGLONG2 (28) Evidence that Fog Sealing Does Not Prolong F-Mix Lifespan
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

```
        1   YES
        2   NO
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER
```

PREVEN2 (29) R Has Ideas for Preventative Maintenance
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

```
      Value    Label

        1   YES
        2   NO
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER
```

QUANT1 (30) Able to Purchase Batch Less Than 60 Tons?
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

```
      Value    Label

        1   YES
        2   NO
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER
```

_

QUANT2 (31) Able to Purchase Batch Less Than 30 Tons?
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

```
      Value    Label

        1   YES
        2   NO
        7   REFUSED
        8   DON'T KNOW
        9   NO ANSWER
```

QUANT3 (32) Able to Purchase Batch Less Than 10 Tons?
   Measurement Level: Scale
   Column Width: 8 Alignment: Right

Print Format: F11
Write Format: F11

          Value   Label

              1   YES
              2   NO
              7   REFUSED
              8   DON'T KNOW
              9   NO ANSWER

SUCC1 (33) Screed Patching C-Mix Over F-Mix
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

          Value   Label

              1   NOT AT ALL SUCCESSFUL
              2   NOT VERY SUCCESSFUL
              3   SOMEWHAT SUCCESSFUL
              4   COMPLETELY SUCCESSFUL
              5   [IV] HAVE NOT USED
              6   [IV] IT DEPENDS
              7   REFUSED
              8   DON'T KNOW
              9   NO ANSWER

    _

SUCC2 (34) Screed Patching D-Mix Over F-Mix
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

          Value   Label

              1   NOT AT ALL SUCCESSFUL
              2   NOT VERY SUCCESSFUL
              3   SOMEWHAT SUCCESSFUL
              4   COMPLETELY SUCCESSFUL
              5   [IV] HAVE NOT USED
              6   [IV] IT DEPENDS
              7   REFUSED
              8   DON'T KNOW
              9   NO ANSWER

SUCC3 (35) Blade Patching C-Mix Over F-Mix
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

Value   Label

1   NOT AT ALL SUCCESSFUL
2   NOT VERY SUCCESSFUL
3   SOMEWHAT SUCCESSFUL
4   COMPLETELY SUCCESSFUL
5   [IV] HAVE NOT USED
6   [IV] IT DEPENDS
7   REFUSED
8   DON'T KNOW
9   NO ANSWER

_

SUCC4 (36) Blade Patching D-Mix Over F-Mix
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

1   NOT AT ALL SUCCESSFUL
2   NOT VERY SUCCESSFUL
3   SOMEWHAT SUCCESSFUL
4   COMPLETELY SUCCESSFUL
5   [IV] HAVE NOT USED
6   [IV] IT DEPENDS
7   REFUSED
8   DON'T KNOW
9   NO ANSWER

SUCC5 (37) Machine Patching B-Mix Over F-Mix
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

1   NOT AT ALL SUCCESSFUL
2   NOT VERY SUCCESSFUL
3   SOMEWHAT SUCCESSFUL
4   COMPLETELY SUCCESSFUL
5   [IV] HAVE NOT USED
6   [IV] IT DEPENDS
7   REFUSED
8   DON'T KNOW
9   NO ANSWER

_

SUCC6 (38) Machine Patching C-mix Over F-Mix
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

         1   NOT AT ALL SUCCESSFUL
         2   NOT VERY SUCCESSFUL
         3   SOMEWHAT SUCCESSFUL
         4   COMPLETELY SUCCESSFUL
         5   [IV] HAVE NOT USED
         6   [IV] IT DEPENDS
         7   REFUSED
         8   DON'T KNOW
         9   NO ANSWER

SUCC7 (39) Machine Patching F-Mix Over F-Mix
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

         1   NOT AT ALL SUCCESSFUL
         2   NOT VERY SUCCESSFUL
         3   SOMEWHAT SUCCESSFUL
         4   COMPLETELY SUCCESSFUL
         5   [IV] HAVE NOT USED
         6   [IV] IT DEPENDS
         7   REFUSED
         8   DON'T KNOW
         9   NO ANSWER

   _

SUCC8 (40) Inlay Patching with C-Mix
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

         1   NOT AT ALL SUCCESSFUL
         2   NOT VERY SUCCESSFUL
         3   SOMEWHAT SUCCESSFUL
         4   COMPLETELY SUCCESSFUL
         5   [IV] HAVE NOT USED
         6   [IV] IT DEPENDS
         7   REFUSED

8   DON'T KNOW
9   NO ANSWER

SUCC9 (41) Inlay Patching with F-Mix
  Measurement Level: Scale
  Column Width: 8 Alignment: Right
  Print Format: F11
  Write Format: F11

     Value   Label

       1   NOT AT ALL SUCCESSFUL
       2   NOT VERY SUCCESSFUL
       3   SOMEWHAT SUCCESSFUL
       4   COMPLETELY SUCCESSFUL
       5   [IV] HAVE NOT USED
       6   [IV] IT DEPENDS
       7   REFUSED
       8   DON'T KNOW
       9   NO ANSWER

_

SUCC10 (42) Tack, Open-Graded Rock, and Spray Asphalt
  Measurement Level: Scale
  Column Width: 8 Alignment: Right
  Print Format: F11
  Write Format: F11

     Value   Label

       1   NOT AT ALL SUCCESSFUL
       2   NOT VERY SUCCESSFUL
       3   SOMEWHAT SUCCESSFUL
       4   COMPLETELY SUCCESSFUL
       5   [IV] HAVE NOT USED
       6   [IV] IT DEPENDS
       7   REFUSED
       8   DON'T KNOW
       9   NO ANSWER

SUCC11 (43) Emulsion Chip Sealing
  Measurement Level: Scale
  Column Width: 8 Alignment: Right
  Print Format: F11
  Write Format: F11

     Value   Label

       1   NOT AT ALL SUCCESSFUL
       2   NOT VERY SUCCESSFUL
       3   SOMEWHAT SUCCESSFUL
       4   COMPLETELY SUCCESSFUL
       5   [IV] HAVE NOT USED

6   [IV] IT DEPENDS
7   REFUSED
8   DON'T KNOW
9   NO ANSWER

_

SUCC12 (44) Hot Asphalt Chip Sealing
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

      1   NOT AT ALL SUCCESSFUL
      2   NOT VERY SUCCESSFUL
      3   SOMEWHAT SUCCESSFUL
      4   COMPLETELY SUCCESSFUL
      5   [IV] HAVE NOT USED
      6   [IV] IT DEPENDS
      7   REFUSED
      8   DON'T KNOW
      9   NO ANSWER

SUCC13 (45) Crack Sealing
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

      1   NOT AT ALL SUCCESSFUL
      2   NOT VERY SUCCESSFUL
      3   SOMEWHAT SUCCESSFUL
      4   COMPLETELY SUCCESSFUL
      5   [IV] HAVE NOT USED
      6   [IV] IT DEPENDS
      7   REFUSED
      8   DON'T KNOW
      9   NO ANSWER

_

SUCC14 (46) Profiling with a Grinder
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

      Value   Label

1   NOT AT ALL SUCCESSFUL
            2   NOT VERY SUCCESSFUL
            3   SOMEWHAT SUCCESSFUL
            4   COMPLETELY SUCCESSFUL
            5   [IV] HAVE NOT USED
            6   [IV] IT DEPENDS
            7   REFUSED
            8   DON'T KNOW
            9   NO ANSWER

SUCC15 (47) Pot Hole Repair with Premix
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

        Value   Label

            1   NOT AT ALL SUCCESSFUL
            2   NOT VERY SUCCESSFUL
            3   SOMEWHAT SUCCESSFUL
            4   COMPLETELY SUCCESSFUL
            5   [IV] HAVE NOT USED
            6   [IV] IT DEPENDS
            7   REFUSED
            8   DON'T KNOW
            9   NO ANSWER

_

SUCC16 (48) Aggregate and Percol
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

        Value   Label

            1   NOT AT ALL SUCCESSFUL
            2   NOT VERY SUCCESSFUL
            3   SOMEWHAT SUCCESSFUL
            4   COMPLETELY SUCCESSFUL
            5   [IV] HAVE NOT USED
            6   [IV] IT DEPENDS
            7   REFUSED
            8   DON'T KNOW
            9   NO ANSWER

SUCC17 (49) Other Maintenance Technique(s) Used
   Measurement Level: Scale
   Column Width: 8 Alignment: Right
   Print Format: F11
   Write Format: F11

Value   Label

              1   YES
              2   NO
              7   REFUSED
              8   DON'T KNOW
              9   NO ANSWER

SUCC17B (50) Success of Other Technique(s)
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

          Value   Label

              1   NOT AT ALL SUCCESSFUL
              2   NOT VERY SUCCESSFUL
              3   SOMEWHAT SUCCESSFUL
              4   COMPLETELY SUCCESSFUL
              6   [IV] IT DEPENDS
              7   REFUSED
              8   DON'T KNOW
              9   NO ANSWER

    _

ENDING (51)
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

REGION (52)
    Measurement Level: Scale
    Column Width: 8 Alignment: Right
    Print Format: F11
    Write Format: F11

    _