# SUMMARY SHEET FOR ROADWAY MAINTENANCE

| SHEET NO. | ASSET | CONDITION INDICATOR |
|---|---|---|
| RM-1 | Unpaved Shoulders (Low & High Shoulder) | No dropoff's greater than 3 inches and no shoulders higher than 2 inch |
| RM-2 | Ditches (Lateral Ditches) | No blocked, eroded or non functioning ditches |
| RM-3 | Crossline Pipes (Blocked) | Greater than 50% diameter open |
| RM-4 | Crossline Pipes (Damaged) | No damage or structural deficiency affecting functionality |
| RM-5 | Curb & Gutter (Blocked) | No obstruction greater than 2 inches for 2 feet |
| RM-6 | Boxes (Blocked or Damaged) | Grates and outlet pipe of boxes not blocked greater than 50%, Inlet and outlet of boxes are not damaged, and grates are present and not broken |

**Glossary**

*Performance Target* - A

*Assessment Method* - The method recommended for appraising the asset or activity, I.e. Randon Sample, % of total, 100% assessment, etc

*Does Assessment Data Exist* - Does the data exist and at what level.

*Desired Level of Survey* - Should the assessment be conducted down to the various management levels.

*Does Feature Inventory Exist* - Does the numerical count of the asset exist in detail and at what tier level.

*Desired Level of Feature Inventory* - Should detail information exist for the numerical count of the asset and at what management level.

# Functional Work Group Worksheet                     RM-1

Element:              Shoulder and Ditches

Asset:                Unpaved Shoulders

Activities:           Low & High Shoulder

Condition Indicator:  No dropoffs greater than 3 inches below the roadway edge of pavement and no shoulders higher than 2 inch above the road surface

Performance Measure   Linear feet of shoulder that meets the Condition Indicator

Work Plan Focus Area: Transportation Safety

| LOS Category | LOS Description |
|---|---|
| A | Equal to or greater than 95% of the linear measurement meets the condition indicator |
| B | 90% to < 95% of the linear measurement meets the condition indicator |
| C | 85% to <90% of the linear measurement meets the condition indicator |
| D | 80% to < 85% of the linear measurement meets the condition indicator |
| F | Less than 80% of linear measurement meets the condition indicator |

|  | Statewide | Regional | Subregional |  | Division | County |
|---|---|---|---|---|---|---|
| Performance Target | A | B | C |  | NA | NA |
| Assessment Method | MCA | MCA | MCA |  | MCA | MCA |
| Does Assessment Data exist | YES | YES | YES |  | YES | NO |
| Desired level of survey | YES | YES | YES |  | YES | YES |
| Does Feature Inventory exist | YES | YES | YES |  | YES | YES |
| Desired level of Feature Inventory | NO | NO | NO |  | NA | NA |

**Glossary**
MCA: Maintenance Condition Assessment

Notes:

1/1/2010

# Functional Work Group Worksheet          RM-2

Element:          Shoulder and Ditches

Asset:            Ditches (Includes Rip Rap and Paved)

Activities:       Lateral Ditches

Condition Indicator:          Ditches no more than 50% blocked, eroded, or not functioning as designed

Performance Measure          Linear feet of ditches that meets the Condition Indicator

Work Plan Focus Area:         Infrastructure Health

| LOS Category | LOS Description |
|---|---|
| A | Equal to or greater than 95% of the linear measurement meets the condition indicator |
| B | 90% to < 95% of the linear measurement meets the condition indicator |
| C | 85% to <90% of the linear measurement meets the condition indicator |
| D | 80% to < 85% of the linear measurement meets the condition indicator |
| F | Less than 80% of linear measurement meets the condition indicator |

| | Statewide | Regional | Subregional | | Division | County |
|---|---|---|---|---|---|---|
| Performance Target | A | B | C | | NA | NA |
| Assessment Method | MCA | MCA | MCA | | MCA | MCA |
| Does Assessment Data exist | YES | YES | YES | | YES | NO |
| Desired level of survey | YES | YES | YES | | YES | YES |
| Does Feature Inventory exist | NO | NO | NO | | NO | NO |
| Desired level of Feature Inventory | NO | NO | NO | | NA | NA |

**Glossary**
MCA: Maintenance Condition Assessment

# Functional Work Group Worksheet                    RM-3

Element:        Drainage

Asset:          Crossline Pipe

Activities:     Blocked

Condition Indicator:        Greater than 50% diameter open

Performance Measure         Number of crossline pipes that meet the Condition Indicator

Work Plan Focus Area:       Infrastructure Health

| LOS Category | LOS Description |
|---|---|
| A | Equal to or greater than 95% of pipes meet condition indicator in the Tier |
| B | 90% to < 95% of pipes meet condition indicator in the Tier |
| C | 85% to < 90% of pipes meet condition indicator in the Tier |
| D | 80% to < 85% of pipes meet condition indicator in the Tier |
| F | Less than 80% of pipes meet condition indicator in the Tier |

| | Statewide | Regional | Subregional | | Division | County |
|---|---|---|---|---|---|---|
| Performance Target | A | B | C | | NA | NA |
| Assessment Method | MCA | MCA | MCA | | MCA | MCA |
| Does Assessment Data exist | YES | YES | YES | | YES | NO |
| Desired level of survey | YES | YES | YES | | YES | YES |
| Does Feature Inventory exist | NO | NO | NO | | NO | NO |
| Desired level of Feature Inventory | YES | 5 years | 10+ years | | NA | NA |

Glossary
MCA: Maintenance Condition Assessment

1/1/2010

# Functional Work Group Worksheet          RM-4

Element:          Drainage

Asset:            Crossline Pipe

Activities:       Damaged

Condition Indicator:          No damage or structural deficiency affecting functionality

Performance Measure          Number of crossline pipes that meet the Condition Indicator

Work Plan Focus Area:          Infrastructure Health

| LOS Category | LOS Description |
|---|---|
| A | Equal to or greater than 95% of pipes meet condition indicator in the Tier |
| B | 90% to < 95% of pipes meet condition indicator in the Tier |
| C | 85% to < 90% of pipes meet condition indicator in the Tier |
| D | 80% to < 85% of pipes meet condition indicator in the Tier |
| F | Less than 80% of pipes meet condition indicator in the Tier |

| | Statewide | Regional | Subregional | | Division | County |
|---|---|---|---|---|---|---|
| Performance Target | A | B | C | | NA | NA |
| Assessment Method | MCA | MCA | MCA | | MCA | MCA |
| Does Assessment Data exist | YES | YES | YES | | YES | NO |
| Desired level of survey | YES | YES | YES | | YES | YES |
| Does Feature Inventory exist | NO | NO | NO | | NO | NO |
| Desired level of Feature Inventory | YES | 5 years | 10+ years | | NA | NA |

Glossary
MCA: Maintenance Condition Assessment

# Functional Work Group Worksheet                 RM-5

Element:            Drainage

Asset:              Curb and Gutter/Valley Gutter/Concrete Median Barrier Base

Activities:         Blocked by sand, silt and other debris

Condition Indicator:       No obstruction greater than 2 inches for a length of 2 feet

Performance Measure:       Linear feet of curb and gutter that meets the condition indicator

Work Plan Focus Area:      Infrastructure Health

| LOS Category | LOS Description |
|---|---|
| A | Equal to or greater than 95% of the linear measurement meets the condition indicator |
| B | 90% to < 95% of the linear measurement meets the condition indicator |
| C | 85% to <90% of the linear measurement meets the condition indicator |
| D | 80% to < 85% of the linear measurement meets the condition indicator |
| F | Less than 80% of linear measurement meets the condition indicator |

|  | Statewide | Regional | Subregional |  | Division | County |
|---|---|---|---|---|---|---|
| Performance Target | A | B | C |  | NA | NA |
| Assessment Method | MCA | MCA | MCA |  | MCA | MCA |
| Does Assessment Data exist | Yes | Yes | Yes |  | Yes | No |
| Desired level of survey | Yes | Yes | Yes |  | Yes | Yes |
| Does Feature Inventory exist | Yes* | Yes* | Yes* |  | Yes | Yes |
| Desired level of Feature Inventory | Yes | 10+ years | 10+ years |  | Yes | Yes |

**Glossary**
MCA: Maintenance Condition Assessment

1/1/2010

# Functional Work Group Worksheet          RM-6

Element:            Drainage

Asset:              Drop Inlets/Catch Basins/Shoulder Drains/Funnel Drains/etc.

Activities:         Blocked Inlets & Boxes

Condition Indicator:  Grates and outlet pipe in boxes not blocked greater than 50%, Inlet and outlet of boxes are not damaged, and grates are present and not broken

Performance Measure:  Percent of inlets or boxes that meet the condition indicator

Work Plan Focus Area:  Infrastructure Health

| LOS Category | LOS Description |
|---|---|
| A | Equal to or greater than 95% of inlets or boxes meet condition indicator in the Tier |
| B | 90% to < 95% of inlets or boxes meet condition indicator in the Tier |
| C | 85% to < 90% of inlets or boxes meet condition indicator in the Tier |
| D | 80% to < 85% of inlets or boxes meet condition indicator in the Tier |
| F | Less than 80% of inlets or boxes meet condition indicator in the Tier |

|  | Statewide | Regional | Subregional |  | Division | County |
|---|---|---|---|---|---|---|
| Performance Target | A | B | C |  | NA | NA |
| Assessment Method | MCA | MCA | MCA |  | MCA | MCA |
| Does Assessment Data exist | Yes | Yes | Yes |  | Yes | No |
| Desired level of survey | Yes | Yes | Yes |  | Yes | Yes |
| Does Feature Inventory exist | No | No | No |  | No | No |
| Desired level of Feature Inventory | Yes | 5 years | 10+ years |  | Yes | Yes |

Glossary
MCA: Maintenance Condition Assessment

1/1/2010