

SUMMARY SHEET FOR BRIDGES

SHEET NO.	ASSET	CONDITION INDICATOR
B-1	Bridge Deck	Condition Rating greater than or equal to 6.
B-2	Superstructure	Condition Rating greater than or equal to 6.
B-3	Substructure	Condition Rating greater than or equal to 6.
B-4	NBIS Culvers	Condition Rating greater than or equal to 6.
B-5	Non-NBIS Culvers	Condition Rating equal to Good.
B-6	Overhead Signs Structures	Condition Rating equal to Good

SHEET NO.	ASSET	CONDITION INDICATOR
KPI - 3	Bridge Health Index	Composite Index of Deck, Substructure, & Superstructure ≥ 18

Glossary

Performance Target - A performance target is a goal or objective for the condition of assets or the road system.

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

B-1

Element: Bridge Maintenance and Preservation

Asset: Deck

Activities: Deck Maintenance

Condition Indicator: Condition Rating greater than or equal to 6.

Performance Measure: % of Bridges with decks meeting the condition indicator

Work Plan Focus Area: Infrastructure Health

LOS Category	LOS Description
A	90% or more of bridges with decks meeting the condition indicator
B	80% to < 90% of bridges with decks meeting the condition indicator
C	70% to < 80% of bridges with decks meeting the condition indicator
D	60% to < 70% of bridges with decks meeting the condition indicator
F	Less than 60% of bridges with decks meeting the condition indicator

	Statewide	Regional	Subregional		Division	County
Performance Target	A	B	C		NA	NA
Assessment Method	BIR	BIR	BIR		BIR	BIR
Does Assessment Data exist	Y	Y	Y		Y	Y
Desired level of survey	Y	Y	Y		Y	Y
Does Feature Inventory exist	Y	Y	Y		Y	Y
Desired level of Feature Inventory	Y	Y	Y		Y	Y

Glossary

BIR: Bridge Inspection Report

Functional Work Group Worksheet

B-2

Element: Bridge Maintenance and Preservation

Asset: Superstructure

Activities: Superstructure Maintenance

Condition Indicator: Condition Rating greater than or equal to 6.

Performance Measure: % of Bridges with Superstructures meeting the condition indicator

Work Plan Focus Area: Infrastructure Health

LOS Category	LOS Description
A	90% or more of Bridges with superstructures meeting the condition indicator
B	80% to < 90% or more of Bridges with superstructures meeting the condition indicator
C	70% to < 80% or more of Bridges with superstructures meeting the condition indicator
D	60% to < 70% or more of Bridges with superstructures meeting the condition indicator
F	Less than 60% of Bridges with superstructures meeting the condition indicator

	Statewide	Regional	Subregional		Division	County
Performance Target	A	B	C		NA	NA
Assessment Method	BIR	BIR	BIR		BIR	BIR
Does Assessment Data exist	Y	Y	Y		Y	Y
Desired level of survey	Y	Y	Y		Y	Y
Does Feature Inventory exist	Y	Y	Y		Y	Y
Desired level of Feature Inventory	Y	Y	Y		Y	Y

Glossary

BIR: Bridge Inspection Report

Functional Work Group Worksheet

B-3

Element: Bridge Maintenance and Preservation

Asset: Substructure

Activities: Substructure Maintenance

Condition Indicator: Condition Rating greater than or equal to 6.

Performance Measure: % of Bridges with Substructures meeting the condition indicator

Work Plan Focus Area: Infrastructure Health

LOS Category	LOS Description
A	90% or more of Bridges with substructures meeting the condition indicator
B	80% to < 90% or more of Bridges with substructures meeting the condition indicator
C	70% to < 80% or more of Bridges with substructures meeting the condition indicator
D	60% to < 70% or more of Bridges with substructures meeting the condition indicator
F	Less than 60% of Bridges with substructures meeting the condition indicator

	Statewide	Regional	Subregional		Division	County
Performance Target	A	B	C		NA	NA
Assessment Method	BIR	BIR	BIR		BIR	BIR
Does Assessment Data exist	Y	Y	Y		Y	Y
Desired level of survey	Y	Y	Y		Y	Y
Does Feature Inventory exist	Y	Y	Y		Y	Y
Desired level of Feature Inventory	Y	Y	Y		Y	Y

Glossary

BIR: Bridge Inspection Report

Functional Work Group Worksheet

B-4

Element: Bridge Maintenance and Preservation

Asset: NBIS Culvert (Span opening greater than or equal to 20')

Activities: NBIS Culvert Maintenance

Condition Indicator: Condition Rating greater than or equal to 6.

Performance Measure: Percent of NBIS culverts meeting the condition indicator

Work Plan Focus Area: Infrastructure Health

LOS Category	LOS Description
A	85% or more of culverts meet the condition indicator
B	80% to < 85% of culverts meet condition indicator
C	75% to < 80% of culverts meet condition indicator
D	70% to < 75% of culverts meet condition indicator
F	Less than 70% of culvert meet condition indicator

	Statewide	Regional	Subregional		Division	County
Performance Target	A	B	C		NA	NA
Assessment Method	BIR	BIR	BIR		BIR	BIR
Does Assessment Data exist	Y	Y	Y		Y	Y
Desired level of survey	Y	Y	Y		Y	Y
Does Feature Inventory exist	Y	Y	Y		Y	Y
Desired level of Feature Inventory	Y	Y	Y		Y	Y

Glossary

NBIS:

BIR: Bridge Inspection Report

Comments: _____

Functional Work Group Worksheet

B-5

Element: Bridge Maintenance and Preservation

Asset: NonNBIS Pipes and Culverts greater than 54"

Activities: NonNBIS Pipes and Culverts Maintenance

Condition Indicator: Condition Rating equal to Good.

Performance Measure: Percent of NonNBIS pipes and culverts meeting the condition indicator

Work Plan Focus Area: Infrastructure Health

LOS Category	LOS Description
A	80% or greater of P&C meet condition rating equal to Good.
B	70% to < 80% of P&C meet condition rating equal to Good.
C	60% to < 70% of P&C meet condition rating equal to Good.
D	50% to < 60% of P&C meet condition rating equal to Good.
F	50% or less of P&C meet condition rating equal to Good.

	Statewide	Regional	Subregional		Division	County
Performance Target	A	B	C		NA	NA
Assessment Method	Observe	Observe	Observe		Observe	Observe
Does Assessment Data exist	Y	Y	Y		Y	Y
Desired level of survey	Y	Y	Y		Y	Y
Does Feature Inventory exist	Y	Y	Y		Y	Y
Desired level of Feature Inventory	Y	Y	Y		Y	Y

Glossary

Comments: Subjective rating sheet. No regular rating cycle.

Functional Work Group Worksheet

B-6

Element: Bridge Maintenance and Preservation

Asset: Overhead Sign Structure

Activities: Overhead Sign Structure Maintenance

Condition Indicator: Condition Rating greater than or equal to 6

Performance Measure: % of overhead sign structures meeting the condition indicator

Work Plan Focus Area: Infrastructure Health

LOS Category	LOS Description
A	95% or greater of condition rating equal to 6
B	Between 92% and 94% of condition rating equal to 6
C	Between 88% and 91% of condition rating equal to 6
D	Between 85% and 87% of condition rating equal to 6
F	85% or less of condition rating equal to 6

	Statewide	Regional	Subregional		Division	County
Performance Target	A	B	B		NA	NA
Assessment Method	Inspection	Inspection	Inspection		Inspection	Inspection
Does Assessment Data exist	Y	Y	Y		Y	Y
Desired level of survey	Y	Y	Y		Y	Y
Does Feature Inventory exist	Y	Y	Y		Y	Y
Desired level of Feature Inventory	Y	Y	Y		Y	Y

Glossary

Comments: Inspection of Canilever every 4 years, spans every 8 years.

Functional Work Group Worksheet

KPI - 3

Element: Bridge Maintenance and Preservation

Asset: Bridge Elements of Deck, Substructure, & Superstructure

Activities: Bridge element condition

Condition Indicator: Bridge Health Index - Composite score for Decks, Superstructure, Substructure of CR ≥ 6 (BHI ≥ 18)

Performance Measure: % Bridges meeting the BHI ≥ 18

LOS Category	LOS Description
A	90 % or more of Bridges meeting the condition indicator
B	80 to < 90 % of Bridges meeting the condition indicator
C	70 to < 80 % of Bridges meeting the condition indicator
D	60 to < 70 % off Bridges meeting the condition indicator
F	Less than 60% of Bridges meeting the condition indicator

	Statewide	Regional	Subregional		Division	County
Performance Target	A	B	C			
Assessment Method	NBI	NBI	NBI			
Does Assessment Data exist	Yes	Yes	Yes			
Desired level of survey	Yes	Yes	Yes			
Does Feature Inventory exist	Yes	Yes	Yes			
Desired level of Feature Inventory	Yes	Yes	Yes			

Glossary

Comments: _____