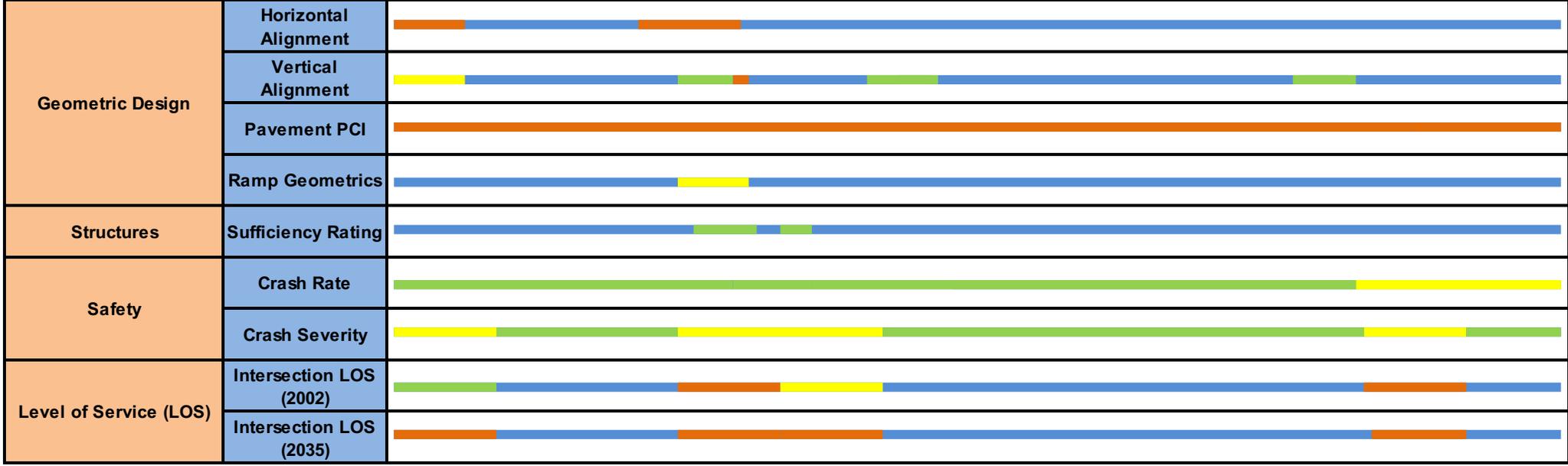
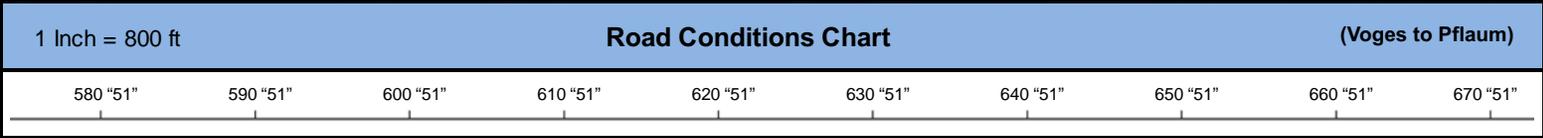


## **EXHIBIT 1**

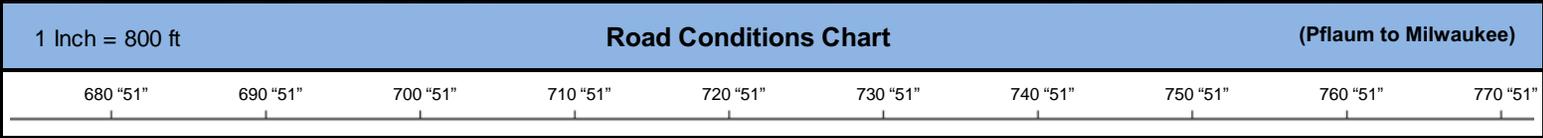
### **US 51 CORRIDOR CONDITIONS MAPS**

Road Conditions Map		
Legend		
Geometry (Standards)	<span style="color: green;">—</span>	Meets Desirable
	<span style="color: yellow;">—</span>	Meets Minimum
	<span style="color: orange;">—</span>	Below Minimum
PCI (PCI Score)	<span style="color: green;">—</span>	100 - 75
	<span style="color: yellow;">—</span>	74 - 60
	<span style="color: orange;">—</span>	Below 60
Crash Rate Intersections (per MEV)	<span style="color: green;">—</span>	0.0 - 1.4
	<span style="color: yellow;">—</span>	1.5 - 2.0
	<span style="color: orange;">—</span>	Above 2.0
Crash Rate Mainline (per HMVMT)	<span style="color: green;">—</span>	0 - 325 / 0-58
	<span style="color: yellow;">—</span>	325 - 400 / 58 - 70
	<span style="color: orange;">—</span>	Above 400 / 70
Crash Severity (% K+A+B+C)	<span style="color: green;">—</span>	0 - 38%
	<span style="color: yellow;">—</span>	38 - 45%
	<span style="color: orange;">—</span>	Above 45%
Level of Service (LOS)	<span style="color: green;">—</span>	A-C
	<span style="color: yellow;">—</span>	D-E
	<span style="color: orange;">—</span>	F



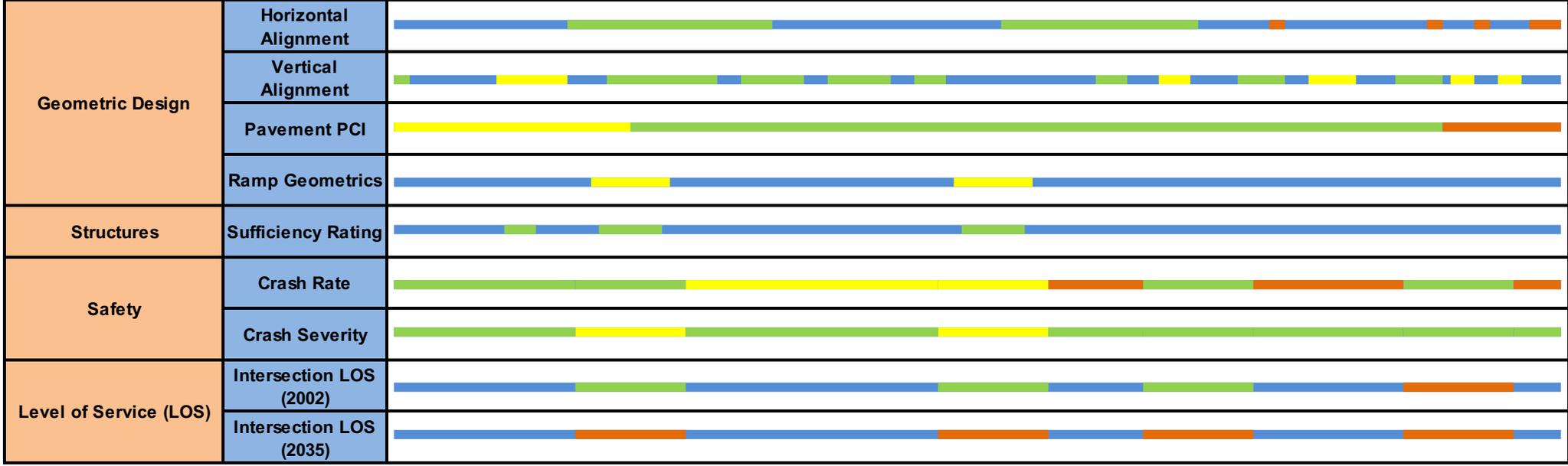
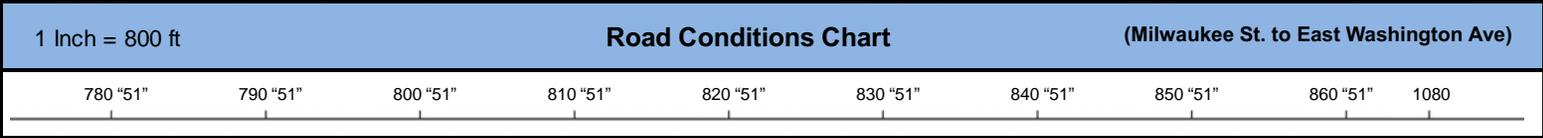
## Road Conditions Map

Legend		
<u>Geometry</u> (Standards)	Meets Desirable	Meets Desirable
	Meets Minimum	Meets Minimum
	Below Minimum	Below Minimum
PCI (PCI Score)	100 - 75	100 - 75
	74 - 60	74 - 60
	Below 60	Below 60
<u>Crash Rate</u> Intersections (per MEV)	0.0 - 1.4	0.0 - 1.4
	1.5 - 2.0	1.5 - 2.0
	Above 2.0	Above 2.0
<u>Crash Rate</u> Mainline (per HMVMT)	0 - 325 / 0-58	0 - 325 / 0-58
	325 - 400 / 58 - 70	325 - 400 / 58 - 70
	Above 400 / 70	Above 400 / 70
<u>Crash Severity</u> (% K+A+B+C)	0 - 38%	0 - 38%
	38 - 45%	38 - 45%
	Above 45%	Above 45%
<u>Level of Service</u> (LOS)	A-C	A-C
	D-E	D-E
	F	F

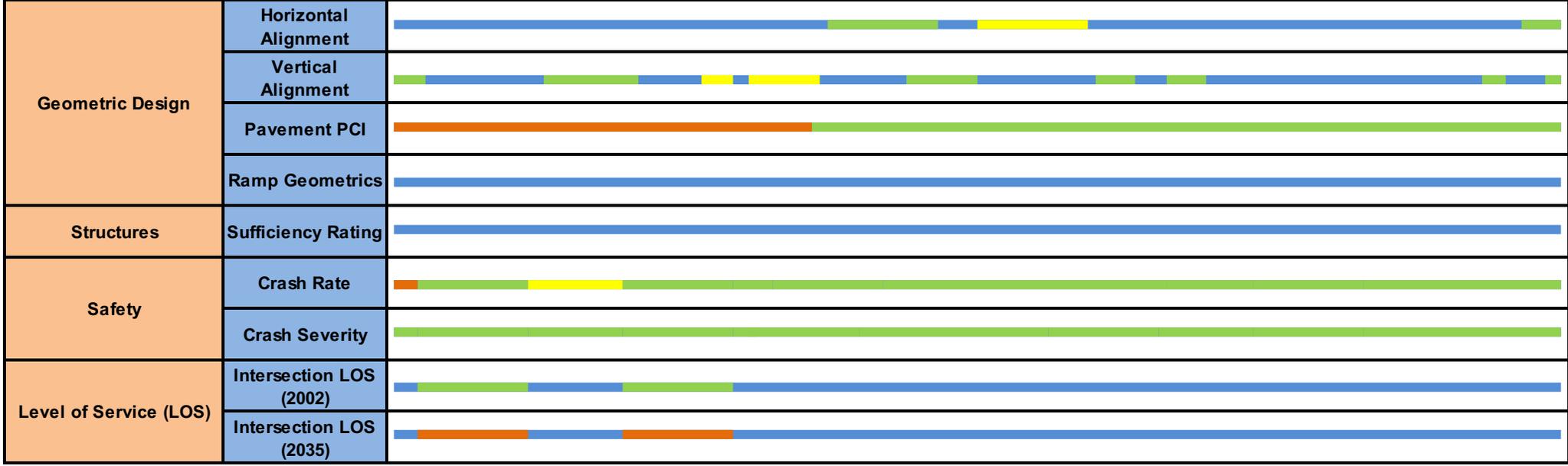
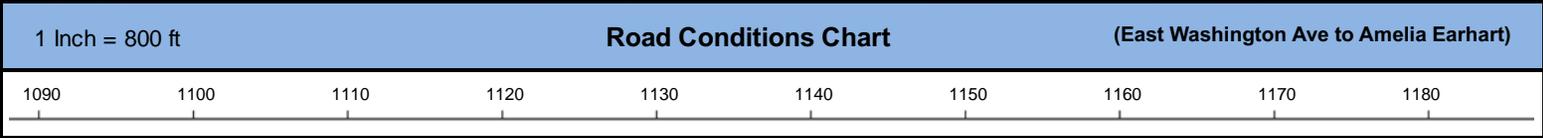


Geometric Design	Horizontal Alignment	Blue
	Vertical Alignment	Blue
	Pavement PCI	Orange
	Ramp Geometrics	Blue
Structures	Sufficiency Rating	Blue
Safety	Crash Rate	Yellow
	Crash Severity	Green
Level of Service (LOS)	Intersection LOS (2002)	Blue
	Intersection LOS (2035)	Blue

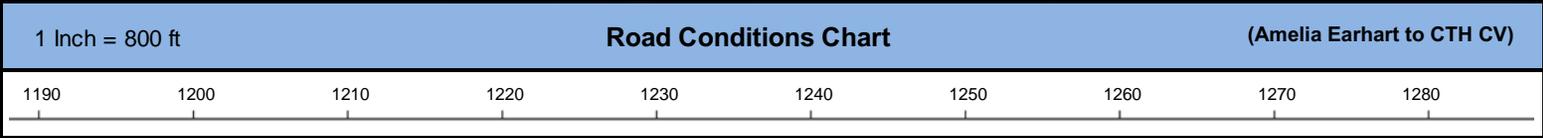
Road Conditions Map		
Legend		
Geometry (Standards)	<span style="color: green;">█</span>	Meets Desirable
	<span style="color: yellow;">█</span>	Meets Minimum
	<span style="color: orange;">█</span>	Below Minimum
PCI (PCI Score)	<span style="color: green;">█</span>	100 - 75
	<span style="color: yellow;">█</span>	74 - 60
	<span style="color: orange;">█</span>	Below 60
Crash Rate (per MEV)	<span style="color: green;">█</span>	0.0 - 1.4
	<span style="color: yellow;">█</span>	1.5 - 2.0
	<span style="color: orange;">█</span>	Above 2.0
Crash Rate (per HMVMT)	<span style="color: green;">█</span>	0 - 325 / 0-58
	<span style="color: yellow;">█</span>	325 - 400 / 58 - 70
	<span style="color: orange;">█</span>	Above 400 / 70
Crash Severity (% K+A+B+C)	<span style="color: green;">█</span>	0 - 38%
	<span style="color: yellow;">█</span>	38 - 45%
	<span style="color: orange;">█</span>	Above 45%
Level of Service (LOS)	<span style="color: green;">█</span>	A-C
	<span style="color: yellow;">█</span>	D-E
	<span style="color: orange;">█</span>	F



Road Conditions Map		
Legend		
Geometry (Standards)		Meets Desirable
		Meets Minimum
		Below Minimum
PCI (PCI Score)		100 - 75
		74 - 60
		Below 60
Crash Rate Intersections (per MEV)		0.0 - 1.4
		1.5 - 2.0
		Above 2.0
Crash Rate Mainline (per HMVMT)		0 - 325 / 0-58
		325 - 400 / 58 - 70
		Above 400 / 70
Crash Severity (% K+A+B+C)		0 - 38%
		38 - 45%
		Above 45%
Level of Service (LOS)		A-C
		D-E
		F



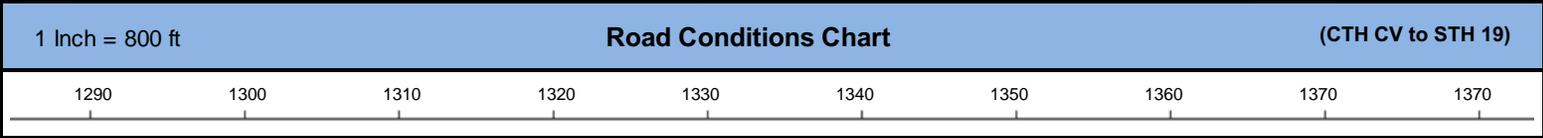
Road Conditions Map		
Legend		
Geometry (Standards)		Meets Desirable
		Meets Minimum
		Below Minimum
PCI (PCI Score)		100 - 75
		74 - 60
		Below 60
Crash Rate Intersections (per MEV)		0.0 - 1.4
		1.5 - 2.0
		Above 2.0
Crash Rate Mainline (per HMVMT)		0 - 325 / 0-58
		325 - 400 / 58 - 70
		Above 400 / 70
Crash Severity (% K+A+B+C)		0 - 38%
		38 - 45%
		Above 45%
Level of Service (LOS)		A-C
		D-E
		F



Geometric Design	Horizontal Alignment	
	Vertical Alignment	
	Pavement PCI	
	Ramp Geometrics	
Structures	Sufficiency Rating	
Safety	Crash Rate	
	Crash Severity	
Level of Service (LOS)	Intersection LOS (2002)	
	Intersection LOS (2035)	

## Road Conditions Map

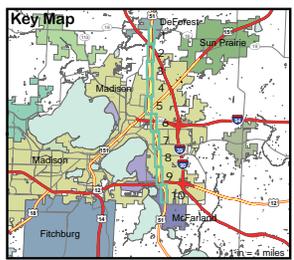
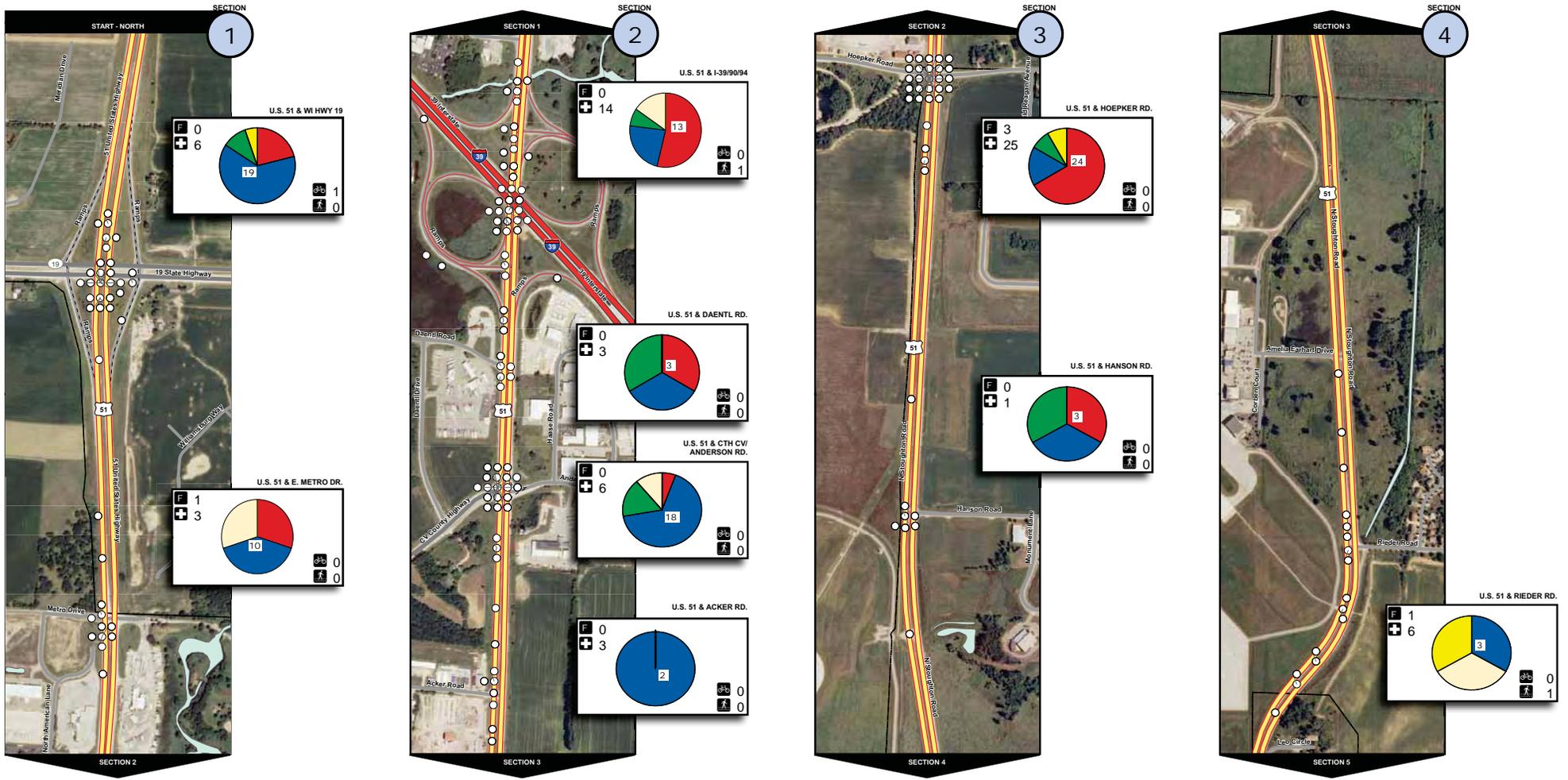
Legend		
<u>Geometry</u> (Standards)	<span style="color: green;">■</span>	Meets Desirable
	<span style="color: yellow;">■</span>	Meets Minimum
	<span style="color: orange;">■</span>	Below Minimum
PCI (PCI Score)	<span style="color: green;">■</span>	100 - 75
	<span style="color: yellow;">■</span>	74 - 60
	<span style="color: orange;">■</span>	Below 60
<u>Crash Rate</u> Intersections (per MEV)	<span style="color: green;">■</span>	0.0 - 1.4
	<span style="color: yellow;">■</span>	1.5 - 2.0
	<span style="color: orange;">■</span>	Above 2.0
<u>Crash Rate</u> Mainline (per HMVMT)	<span style="color: green;">■</span>	0 - 325 / 0-58
	<span style="color: yellow;">■</span>	325 - 400 / 58 - 70
	<span style="color: orange;">■</span>	Above 400 / 70
<u>Crash Severity</u> (% K+A+B+C)	<span style="color: green;">■</span>	0 - 38%
	<span style="color: yellow;">■</span>	38 - 45%
	<span style="color: orange;">■</span>	Above 45%
<u>Level of Service</u> (LOS)	<span style="color: green;">■</span>	A-C
	<span style="color: yellow;">■</span>	D-E
	<span style="color: orange;">■</span>	F



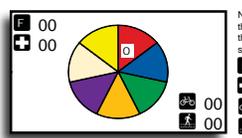
Geometric Design	Horizontal Alignment	[Bar chart showing alignment status]
	Vertical Alignment	[Bar chart showing vertical alignment status]
	Pavement PCI	[Bar chart showing pavement PCI status]
	Ramp Geometrics	[Bar chart showing ramp geometrics status]
Structures	Sufficiency Rating	[Bar chart showing structures sufficiency rating status]
Safety	Crash Rate	[Bar chart showing crash rate status]
	Crash Severity	[Bar chart showing crash severity status]
Level of Service (LOS)	Intersection LOS (2002)	[Bar chart showing intersection LOS (2002) status]
	Intersection LOS (2035)	[Bar chart showing intersection LOS (2035) status]

## **EXHIBIT 2**

### **US 51 CORRIDOR CRASH MAPS**



**Intersection Crash Summaries**



Pie charts display proportion of each crash type for a given intersection. The total number of crashes at an intersection is shown in the white box on the pie chart.

The colors used in the pie chart refer to the descriptions for the Crash Types, listed at right. Note that not all crashes are recorded as having occurred at intersections.

Numbers by the icons represent the total number of occurrences from the crashes in the specified roadway segment. The various icons represent:

- Fatalities
- Injuries
- Bicycles
- Pedestrians

**Crash Type**

- Angle
- Rear End
- Side Swipe
- Head On
- Deer/Other Animal
- Fixed Object
- Miscellaneous

**Map Legend**

- Crash Incident
- Limited Access
- Highways
- Secondary Roads
- Other
- Highway Ramp
- Road Centerlines
- Surface Water

**Data Sources**

Orthophotography: NAIP, 2008  
 Crash Data: Wisconsin Department of Transportation, 2005 - 2008  
 Major Roads: ESRI, 2006  
 Local Roads: Dane County Land Information Office

**Accuracy Note**

Crash data shown was provided by the Wisconsin Department of Transportation. The data shown was located on 1:100,000 base maps based on measurements from known reference points. National Map Accuracy Standards for 1:100,000 scale data specify a minimum horizontal accuracy of plus or minus 167 feet. Therefore, enlarging the data to the scale shown on this map introduces inaccuracies; therefore, crash locations shown on this map are only approximate, and should be used to evaluate relative crash density and intensity.

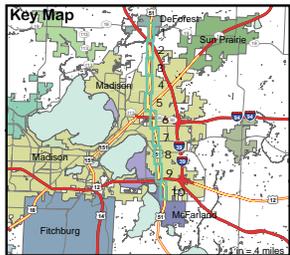
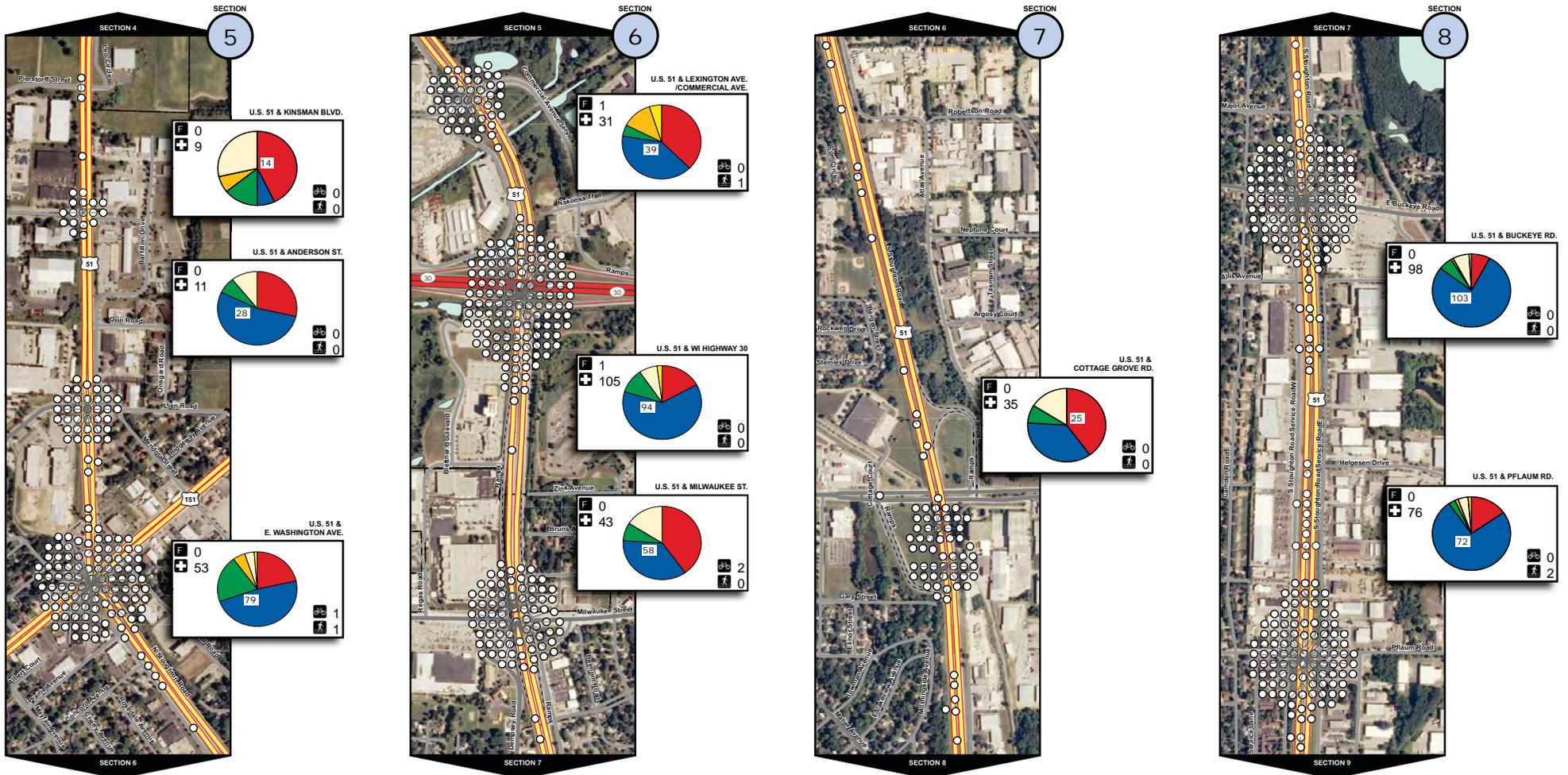
1 inch = 400 feet  
12/15/2011

**VEHICLE CRASH INVENTORY**

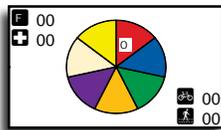
2005 through 2008  
U.S. Highway 51  
(Stoughton Road)  
Corridor Study

5126 W. Terrace Drive  
Suite 111  
Madison, Wisconsin 53718  
608 / 242-1500  
www.graef-usa.com

**GRAEF**



**Intersection Crash Summaries**



Pie charts display proportion of each crash type for a given intersection. The total number of crashes at an intersection is shown in the white box on the pie chart. The colors used in the pie chart refer to the descriptions for the Crash Types, listed at right. Note that not all crashes are recorded as having occurred at intersections.

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- Fatalities
- Injuries
- Bicycles
- Pedestrians

**Crash Type**

- Angle
- Rear End
- Side Swipe
- Head On
- Deer/Other Animal
- Fixed Object
- Miscellaneous

**Map Legend**

- Crash Incident
- Limited Access
- Highways
- Secondary Roads
- Other
- Highway Ramp
- Road Centerlines
- Surface Water

**Data Sources**

Orthophotography: NAIP, 2008  
 Crash Data: Wisconsin Department of Transportation, 2005 - 2008  
 Major Roads: ESRI, 2006  
 Local Roads: Dane County Land Information Office

**Accuracy Note**

Crash data shown was provided by the Wisconsin Department of Transportation. The data shown was located on 1:100,000 base maps based on measurements from known reference points. National Map Accuracy Standards for 1:100,000 scale data specify a minimum horizontal accuracy of plus or minus 167 feet. Therefore, enlarging the data to the scale shown on this map introduces inaccuracies; therefore, crash locations shown on this map are only approximate, and should be used to evaluate relative crash density and intensity.

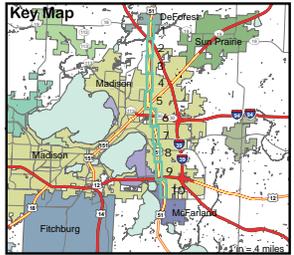
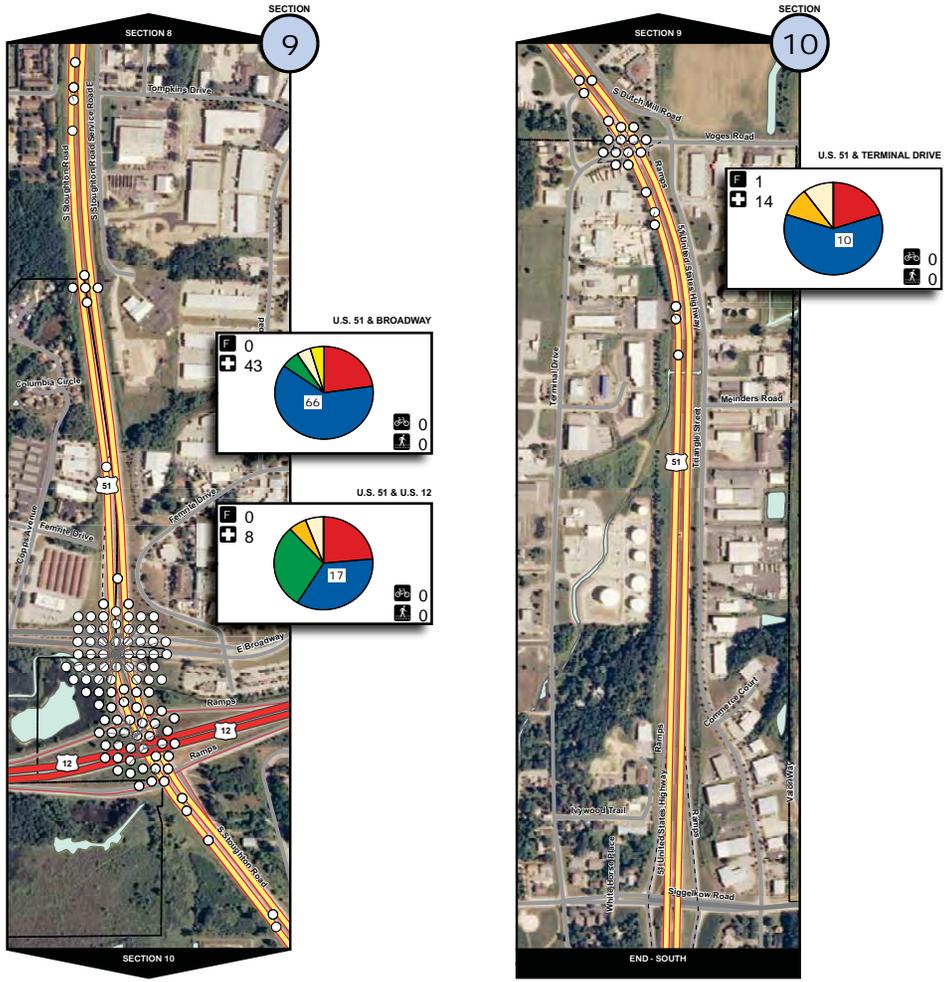
1 inch = 400 feet  
 12/15/2011

**VEHICLE CRASH INVENTORY**

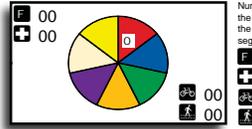
2005 through 2008  
 U.S. Highway 51  
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5126 W. Terrace Drive  
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**GRAEF**



**Intersection Crash Summaries**



Numbers by the icons represent the total number of occurrences from the crashes in the specified roadway segment. The various icons represent:

- F Fatalities
- + Injuries
- 0 Bicycles
- 0 Pedestrians

Pie charts display proportion of each crash type for a given intersection. The total number of crashes at an intersection is shown in the white box on the pie chart.

The colors used in the pie chart refer to the descriptions for the Crash Types, listed at right. Note that not all crashes are recorded as having occurred at intersections.

**Crash Type**

- Angle
- Rear End
- Side Swipe
- Head On
- Deer/Other Animal
- Fixed Object
- Miscellaneous

**Map Legend**

- Crash Incident
- Limited Access
- Highways
- Secondary Roads
- Other
- Highway Ramp
- Road Centerlines
- Surface Water

**Data Sources**

Orthophotography: NAIP, 2008  
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 Major Roads: ESRI, 2006  
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