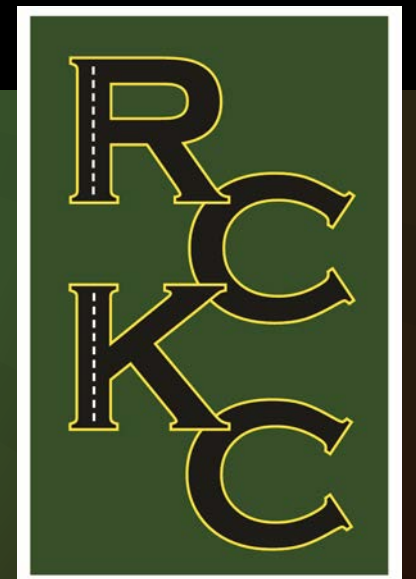


ROAD CLASSIFICATION REVIEW

ROAD COMMISSION OF KALAMAZOO COUNTY
APRIL 2016

PRESENTED BY: WIGHTMAN & ASSOCIATES, INC.



OUTLINE

- Scope of project
- History
- Process
- Classification Systems
- Characteristics
- List of Segments
- Proposed Changes
- Next Steps
- Data Reviews

- Scope of project
 - Review road network
- History
 - KATS in 2015
 - RCKC unknown
- Process
 - Initial list
 - cursory review by WAI
 - Meetings

CLASSIFICATION SYSTEMS

State - PA 51

- Trunkline
- **County Primary:** connect areas of interest, higher traffic volumes
- **County Local:** lower volumes, serves more residential traffic
- City Major
- City Local

Federal – NFC

- Arterials: statewide, high volume, high connectivity
- Major Collector: connect arterials and minor collectors
- Minor Collectors: serve residential areas
- Local: low speed, low access points, low volume

CHARACTERISTICS

- Pavement Surface Evaluation and Rating (PASER) System
- Average Daily Traffic (ADT)
- Rural/Urban
- Access Points
- Length
- Spacing
- Speed
- Number of Lanes
- Connectivity
- All Season Route
- Restrictions

SEGMENTS

- **Section 1:** 8th Street from KL Avenue to M-43, Oshtemo Township
- **Section 2:** U Avenue/TU Avenue/23rd Street from Portage Road to Sprinkle Road, Schoolcraft & Brady Townships
- **Section 3:** V Avenue from Sprinkle Road to 29th Street, Brady Township
- **Section 4:** Miller Road from 35th Street to Miller Service Drive, Comstock & Charleston Townships
- **Section 5:** 38th Street from O Avenue to MN Avenue, Climax & Charleston Townships
- **Section 6:** Park Circle Drive from Sprinkle Road to M Avenue, Comstock Township
- **Section 7:** S Avenue from 8th Street to 12th Street, Texas Township
- **Section 8:** G Avenue from 2nd Street to 6th Street, Oshtemo Township
- **Section 9:** KL Avenue from 4th Street to 9th Street, Oshtemo Township
- **Section 10:** Mt. Olivet Road from G Avenue to Riverview Drive, Cooper Township
- **Section 11:** 14th Street from G Avenue to D Avenue, Cooper Township
- **Section 12:** G Avenue West of Riverview Drive, Cooper Township
- **Section 13:** Sunnyside Drive from E. Main Street to M-43, Kalamazoo Township
- **Section 14:** VW Avenue from Schoolcraft Village Limits to Portage Road, Schoolcraft Township

SECTION 1: 8TH STREET FROM KL AVENUE TO M-43, OSHTEMO TOWNSHIP

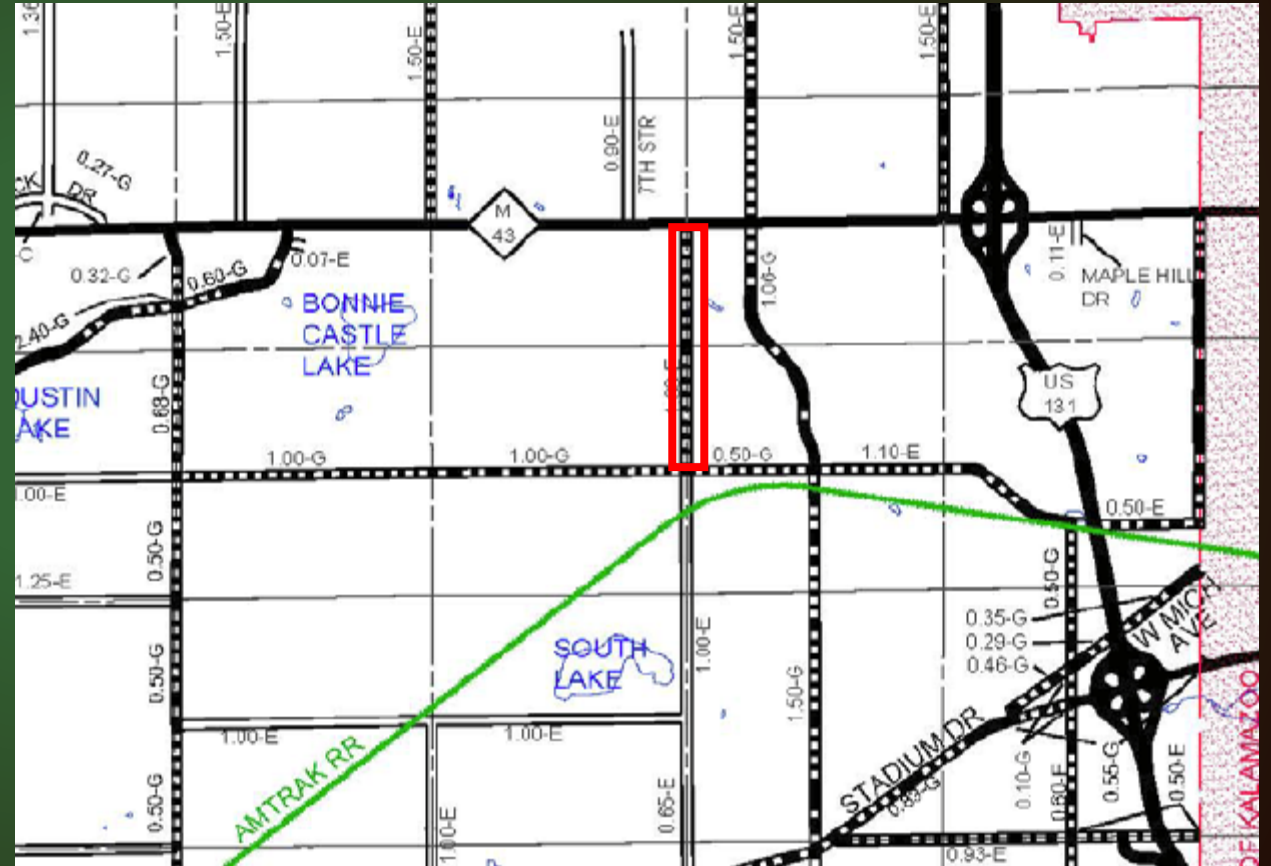
	8 th Street	*9 th Street
Boundaries	Urban	Urban
Length (miles)	0.996	1.064
ADT (year)	2,833 (2014)	15,081 (2013)
All Season	No	Yes
PASER	4 (2015)	6 (2015)
ACT 51	Primary	Primary
NFC	Major Collector	Principal Arterial
Restrictions	Oshtemo Charter Township Ordinance No. 478/519	None

*comparable route

Final recommendation:

County primary road → **County local road**

NFC major collector → **NFC local road**



SECTION 3: V AVENUE FROM SPRINKLE ROAD TO 29TH STREET, BRADY TOWNSHIP

	V Avenue	*UV Avenue	*26 th Street
Boundaries	Rural	Urban	Urban
Length (miles)	2.294	1.664	0.698
ADT (year)	2,822 (2015)	1,163 (2015)	2000 (Est.)
All Season	Yes	No	No
PASER	9 (2014)	8 (2015)	7 (2014)
ACT 51	Primary	Primary	Primary
NFC	Major Collector	Major Collector	Major Collector
Restrictions	None	None	None

*comparable route

Final recommendation: V Avenue
County primary road → **No Change**
NFC major collector → **No Change**

Final recommendation: UV Avenue and 26th Street
County primary road → **County local road**
NFC major collector → **NFC local road**



SECTION 4: MILLER ROAD FROM MILLER SERVICE DRIVE TO 38TH STREET, COMSTOCK/CHARLESTON TOWNSHIPS

	Miller Road
Boundaries	Urban
Length (miles)	1.476
ADT (year)	960 (2013)
All Season	No
PASER	7 (2015)
ACT 51	Primary
NFC	Major Collector
Restrictions	None

Final recommendation:

County primary road → **County local road**

NFC major collector → **NFC local road**



SECTION 5: 38TH STREET FROM O AVENUE TO MN AVENUE, CLIMAX/CHARLESTON TOWNSHIP

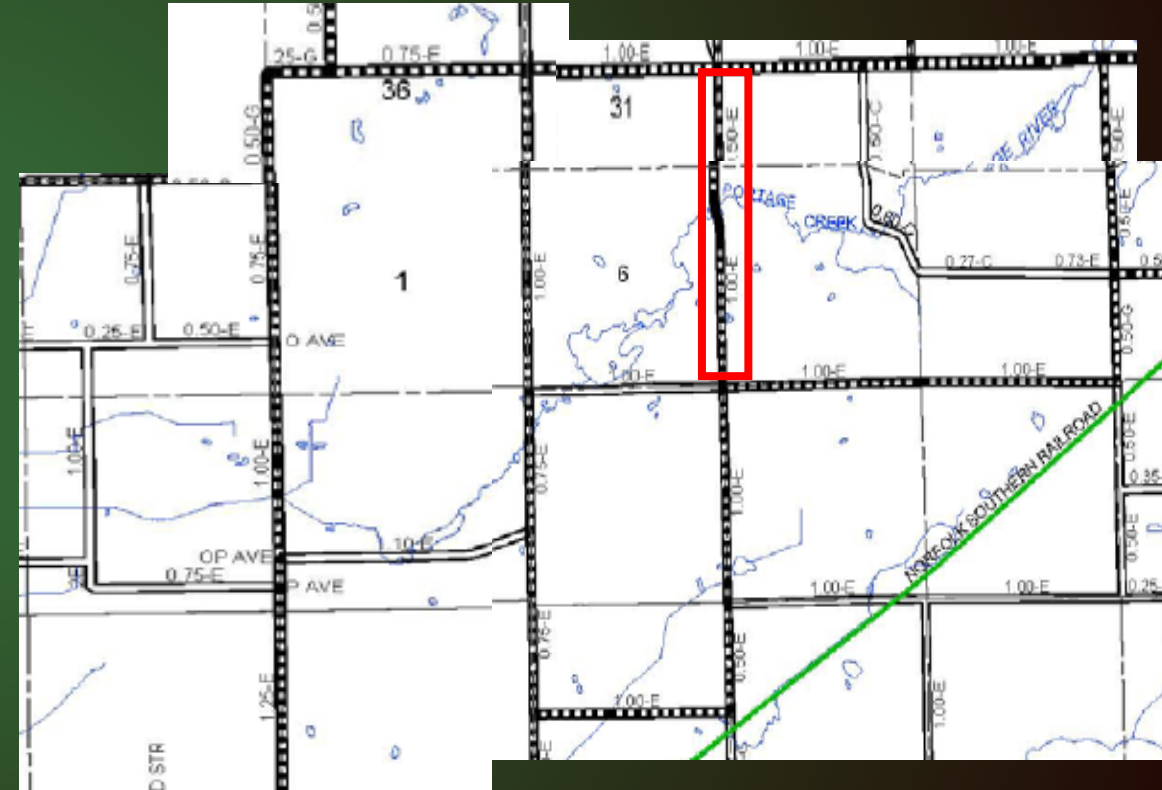
	38 th Street	*36 th Street	*34 th Street, Pavilion Township	*34 th Street, Comstock Township
Boundaries	Rural	Rural	Rural	Rural
Length (miles)	1.527	1.508	0.756	0.501
ADT (year)	947 (2015)	1,486 (2015)	1,770 (2013)	3,579 (2013)
All Season	No	No	No	Yes
PASER	6 (2012)	7 (2014)	7 (2014)	6 (2015)
ACT 51	Primary	Primary	Primary	Primary
NFC	Local	Minor Collector	Major Collector	Minor Arterial
Restrictions	None	None	None	None

*comparable route

Final recommendation: 38th Street

County primary road → **County local road**

NFC local road → **No change**



SECTION 6: PARK CIRCLE DRIVE FROM SPRINKLE ROAD TO M AVENUE, OLD CORK STREET 750' WEST OF PARK CIRCLE DRIVE, COMSTOCK TOWNSHIP

	Park Circle Drive	Old Cork Street
Boundaries	Urban	Urban
Length (miles)	1.061	0.141
ADT (year)	1,368 (2016)	2,703 (2013)
All Season	No	Yes
PASER	7 (2013)	5 (2015)
ACT 51	Local	Primary
NFC	Local	Major Collector
Restrictions	None	None

Final recommendation: Park Circle Drive
County local road → **County primary road**
NFC local road → **NFC urban minor collector**

Final recommendation: Old Cork Street
County primary road → **County local road**
NFC major collector → **NFC local road**



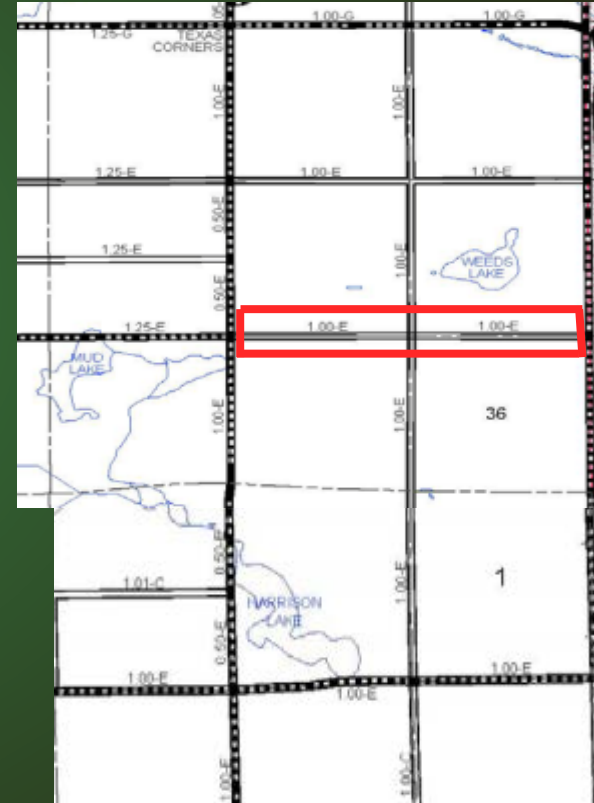
SECTION 7: S AVENUE FROM 8TH STREET TO 12TH STREET, TEXAS TOWNSHIP

	S Avenue
Boundaries	Rural
Length (miles)	1.997
ADT (year)	547 (2015)
All Season	No
PASER	4 (2015)
ACT 51	Local
NFC	Local
Restrictions	None

Final recommendation:

County local road → **No change**

NFC local road → **No change**



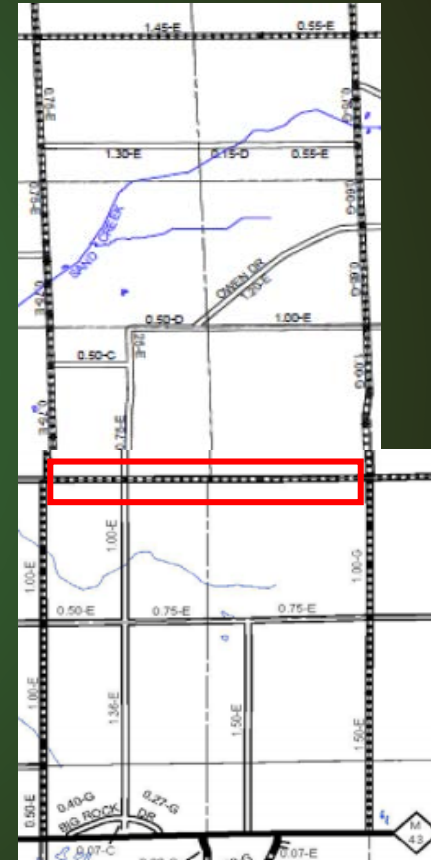
SECTION 8: G AVENUE FROM 2ND STREET TO 6TH STREET, ALAMO TOWNSHIP

	G Avenue
Boundaries	Rural
Length (miles)	1.961
ADT (year)	750 (2015)
All Season	No
PASER	8 (2013)
ACT 51	Primary
NFC	Local
Restrictions	Oshtemo Charter Township Ordinance No. 478/519

Final recommendation:

County primary road → **No change**

NFC local road → **No change**



SECTION 9: KL AVENUE FROM 4TH STREET TO 9TH STREET, OSHTEMO TOWNSHIP

	KL Avenue, 4 th Street to 8 th Street	KL Avenue, 8 th Street to 9 th Street
Boundaries	Rural	Urban
Length (miles)	1.961	0.499
ADT (year)	1,886 (2013)	3,386 (2014)
All Season	Yes (ends 0.5 mi E. 4 th St)	Yes
PASER	7 (2015)	7 (2015)
ACT 51	Primary	Primary
NFC	Major Collector	Major Collector
Restrictions	Oshtemo Charter Township Ordinance No. 478/519	Oshtemo Charter Township Ordinance No. 478/519

Final recommendation:

County primary road → **No change**

NFC major collector → **No change**



SECTION 10: MT. OLIVET ROAD FROM G AVENUE TO RIVERVIEW DRIVE, COOPER TOWNSHIP

	Mt. Olivet Road
Boundaries	Urban
Length (miles)	1.008
ADT (year)	3,183 (2013)
All Season	No
PASER	7 (2015)
ACT 51	Primary
NFC	Major Collector
Restrictions	None



Final recommendation:

County primary road → **No change**

NFC major collector → **No change**

SECTION 11: 14TH STREET FROM G AVENUE TO D AVENUE, COOPER TOWNSHIP

	14 th Street	*12 th Street	*Douglas Avenue
Boundaries	Urban	Rural	Urban
Length (miles)	3.061	2.983	2.431
ADT (year)	1,884 (2014)	2,491 (2013)	3,530 (2014)
All Season	No	No	Yes
PASER	6	8 (2015)	7 (2015)
ACT 51	Local	Primary	Primary
NFC	Local	Minor Arterial	Minor Arterial
Restrictions	None	None	None

*comparable route

Final recommendation:

County local road → **No change**

NFC local road → **No change**



SECTION 12: G AVENUE WEST OF RIVERVIEW DRIVE, COOPER TOWNSHIP

	G Avenue
Boundaries	Urban
Length (miles)	0.501
ADT (year)	1,662 (2009)
All Season	Yes
PASER	7 (2015)
ACT 51	Local
NFC	Major Collector
Restrictions	None



Final recommendation:

County local road → **No change**

NFC major collector → **NFC local road**

SECTION 13: SUNNYSIDE DRIVE FROM E. MAIN STREET TO M-43, KALAMAZOO TOWNSHIP

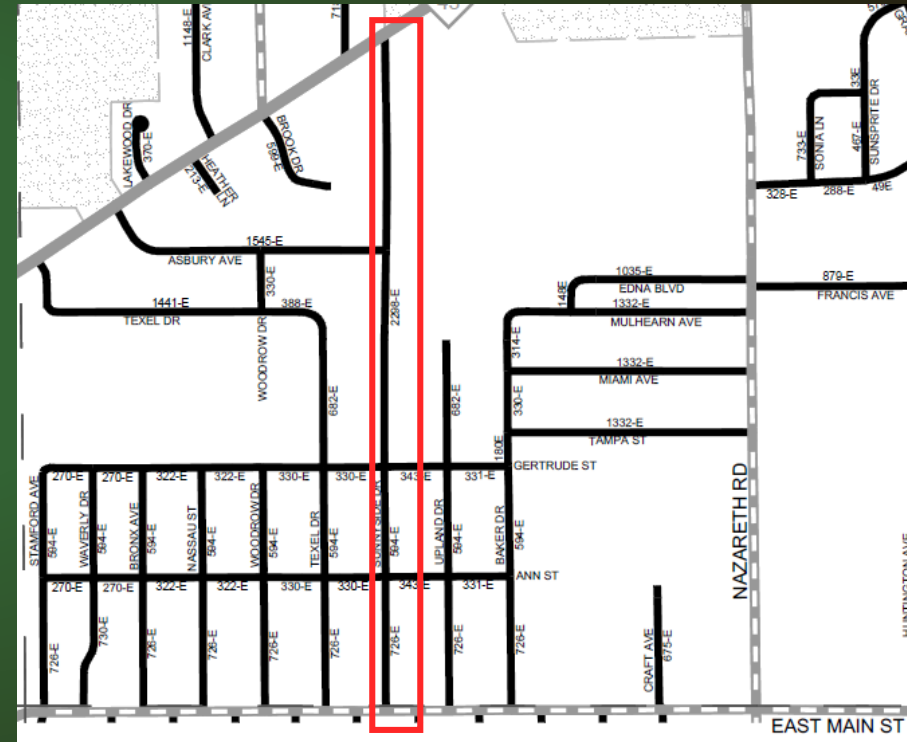
	Sunnyside Drive	*Nazareth Road
Boundaries	Urban	Urban
Length (miles)	0.688	0.927
ADT (year)	1,732 (2014)	6,185 (2014)
All Season	No	Yes
PASER	2	6
ACT 51	Local	Primary
NFC	Local	Major Collector
Restrictions	None	None

*comparable route

Final recommendation:

County local road → **No change**

NFC local road → **No change**



SECTION 14: VW AVENUE FROM SCHOOLCRAFT VILLAGE LIMITS TO PORTAGE ROAD, SCHOOLCRAFT TOWNSHIP

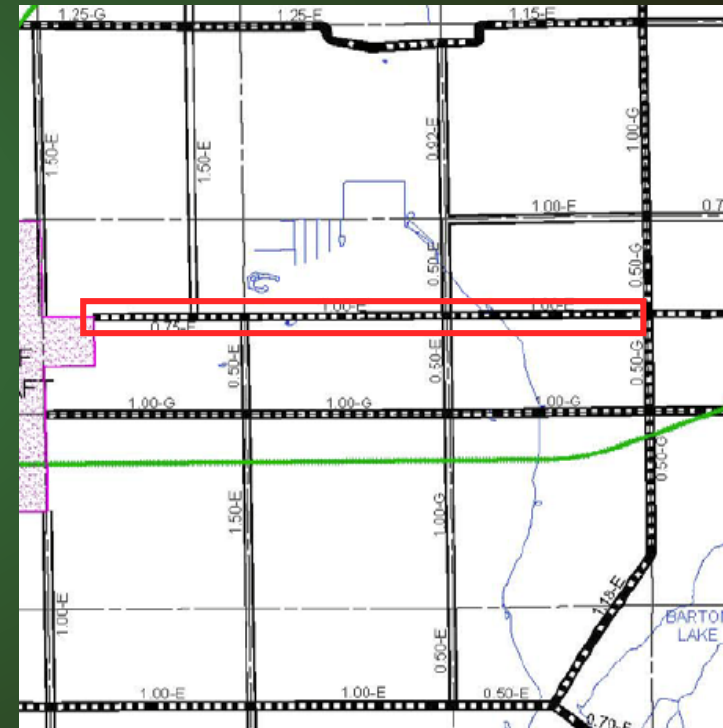
	VW Avenue	*W Avenue
Boundaries	Urban	Rural
Length (miles)	3.002	2.989
ADT (year)	3,918 (2013)	2,978 (2013)
All Season	Yes	Yes
PASER	7 (2014)	8 (2014)
ACT 51	Primary	Primary
NFC	Major Collector	Minor Arterial
Restrictions	None	None

*comparable route

Final recommendation:

County primary road → **No change**

NFC major collector → **No change**



RECOMMENDATIONS

Proposed PA 51 Changes		
	Primary (mi)	Local (mi)
8th Street	(1.00)	1.00
U Avenue/23rd Street/TU Avenue	2.80	(2.80)
UV Avenue/26th Street	(2.36)	2.36
Miller Road	(1.48)	1.48
38th Street	(1.53)	1.53
Park Circle Drive	1.06	(1.06)
Old Cork Street	(0.14)	0.14
Total	(2.50)	2.50

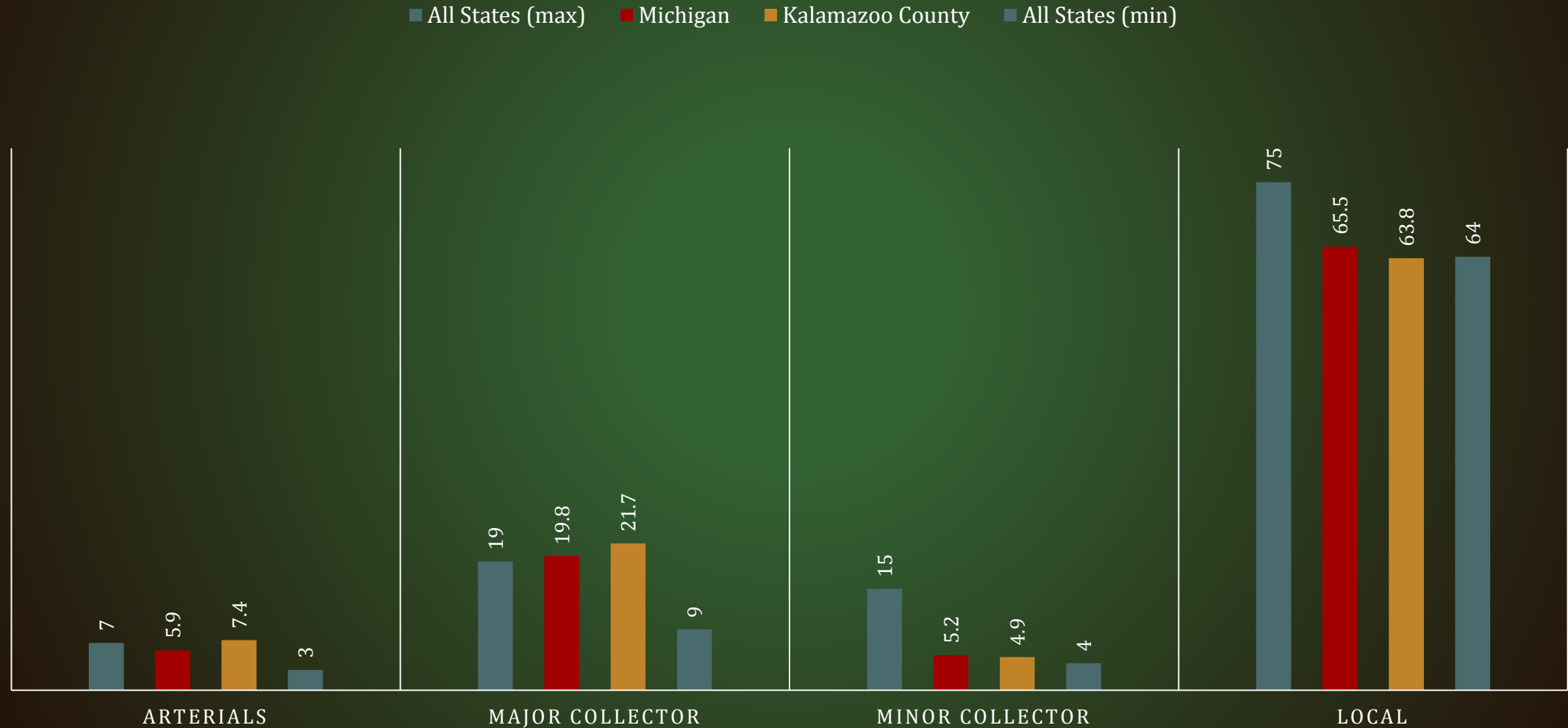
Proposed NFC Changes			
	Major Collector (mi)	Minor Collector (mi)	Local (mi)
8th Street	(1.00)		1.00
U Avenue/23rd Street/TU Avenue		2.80	(2.80)
UV Avenue/26th Street	(2.36)		2.36
Miller Road	(1.48)		1.48
Park Circle Drive	1.06		(1.06)
Old Cork Street	(0.14)		0.14
G Avenue	(0.50)		0.50
Total	(4.42)	2.80	1.62

NEXT STEPS

- **PA 51** – Change on County Certification Maps
- **NFC** – Submit formal request through KATS to FHWA
- **RCKC Capital Improvement Plan** – update and prioritize projects based on classification changes

- Thank you to the Road Commission!
- Questions?

PERCENTAGE GUIDELINES – RURAL MILEAGE



PERCENTAGE GUIDELINES – URBAN MILEAGE

■ All States (max) ■ Michigan ■ Kalamazoo County ■ All States (min)

