

Bike Friendly Kalamazoo
Commuter Bike Route Estimating Session Minutes
KRESA Main Campus
August 4, 2016; 3-6pm

Participants

Megan Arndt, Associate Transportation Planner, Kalamazoo Area Transportation Study
Kendall Klingelsmith, Director of Parks, Rec. & Sr Citizen Svcs, City of Portage
Paul Guthrie, Laboratory Manager, Bronson Methodist Hospital
Marc Irwin, Public Relations Chair, Kalamazoo Bicycle Club; Member, KATS Citizens Advisory Cmte
Ed Sackley, Member, Gear Geezers; Resident, City of Portage
Paul Selden, Director of Road Safety, Kalamazoo Bicycle Club; Member, TriKats
Cara Smith, Vice President, TriKats
Paul Sotherland, Professor of Biology, Emeritus, K College; Member, KATS Citizens Advisory Cmte

Agenda

Welcome

This was a “drop in” work session; participants came and left to fit their own schedules. Each was welcomed and oriented to the project upon arrival.

Project Work

Participants were asked to estimate mileages of the proposed Commuter Bike Routes in the KATS 2045 Transportation Plan per the instructions below. They wrote estimates on the worksheets provided (see sample, on pages 2-3). Assignments, route names, and total mileage for each route are on pages 4-5.

General Instructions (refer to as needed; techniques vary slightly for touch screen devices)

1. You will receive a jurisdiction with its key routes to work on.
2. Go to <https://ridewithgps.com/users/220168/routes> and click on the “Routes” tab. Click on the “Route Name” column heading to sort the routes alphabetically (to make the next steps easier).
 - a. Look up the exact name of the route, then select on “View” in the right hand column.
 - b. Select the “OSM” Map type (in upper right corner of map).
 - c. Zoom in and out by clicking on the + and – symbols on the map as needed; boundaries for smaller / larger jurisdictions appear depending how far zoomed in / out.
 - d. Slide different parts of the map into view by pressing and holding the left mouse button down to “grab” and slide the map around (process may be different on a touch screen).
 - e. Note the mileage along various parts of the route at the bottom of the screen as you move your large cross hair to the border of jurisdictions on the route (on touch screen devices, when you touch the route a blue dot appears; use these numbers to determine mileages within each jurisdiction; please be extra careful and thorough on routes that pass through multiple jurisdictions).
 - f. On routes with legs that “straddle” jurisdictions, count the mileage in each jurisdiction separately.
3. Complete the information on the worksheets for each route. Please print neatly. Please turn in your sheets when done.

Next Steps

Most of the participants volunteered to work on routes “off-line” after the session. In this way, the 74 routes (named and provided by KATS for use in this session) were estimated. Detailed raw data was too extensive to tally and release with these minutes. Material will be posted to BFK’s web site and shared with jurisdictions for planning purposes as they are input. Further analysis will be required since many of the routes overlap; mileages for the routes, whether taken individually or totaled, may be misleading. In the meantime, representatives from agencies and jurisdictions may request the raw data from Paul Selden. Jurisdictions will make their own decisions re. signing the routes.

The greater community owes a great deal of thanks to the participants who so generously shared their time during and after this session. Thanks to KRESA for making these facilities available.

Commuter Bike Route Mileage Estimation Worksheet

Instructions

Fill in the blanks and follow the steps below for your assigned project(s). Use additional sheets if needed.

Your Name: _____ Date: _____

Assigned Jurisdiction: _____

Route Name/Total Mileage: _____/_____

Many routes pass through more than one jurisdiction. Starting with your assigned jurisdiction, write the names of each jurisdiction through which this route also passes, below. Use the techniques described in the General Instructions and complete the mileages for each jurisdiction. [Note: The sum of the mileages must add up to the Total Mileage, above, or a jurisdiction was overlooked.]

<u>Name of Jurisdiction</u>	<u>Miles in Jurisdiction</u>
_____	_____
_____	_____
_____	_____
_____	_____

If the route listed above overlaps with another route, please list the overlapping route(s):

3. Repeat the steps for each of the remaining routes in your Assigned Jurisdiction (time permitting).

Route Name/Total Mileage: _____/_____

Many routes pass through more than one jurisdiction. Write the names of each remaining jurisdiction through which this route passes, in the left part of the space below. List its corresponding mileage:

<u>Name of Jurisdiction</u>	<u>Miles in Jurisdiction</u>
_____	_____
_____	_____
_____	_____
_____	_____

If the route listed above overlaps with another route, please list the overlapping route(s):

Route Name/Total Mileage: _____/_____

Many routes pass through more than one jurisdiction. Write the names of each remaining jurisdiction through which this route passes in the left part of the space below:

<u>Name of Jurisdiction</u>	<u>Miles in Jurisdiction</u>
_____	_____
_____	_____
_____	_____
_____	_____

If the route listed above overlaps with another route, please list the overlapping route(s):

Your Name: _____ Date: _____

Assigned Jurisdiction: _____

Route Name/Total Mileage: _____ / _____

Many routes pass through more than one jurisdiction. Write the names of each remaining jurisdiction through which this route passes, in the left part of the space below. List its corresponding mileage:

<u>Name of Jurisdiction</u>	<u>Miles in Jurisdiction</u>
_____	_____
_____	_____
_____	_____
_____	_____

If the route listed above overlaps with another route, please list the overlapping route(s):

Route Name/Total Mileage: _____ / _____

Many routes pass through more than one jurisdiction. Write the names of each remaining jurisdiction through which this route passes in the left part of the space below:

<u>Name of Jurisdiction</u>	<u>Miles in Jurisdiction</u>
_____	_____
_____	_____
_____	_____
_____	_____

If the route listed above overlaps with another route, please list the overlapping route(s):

Route Name/Total Mileage: _____ / _____

Many routes pass through more than one jurisdiction. Write the names of each remaining jurisdiction through which this route passes in the left part of the space below:

<u>Name of Jurisdiction</u>	<u>Miles in Jurisdiction</u>
_____	_____
_____	_____
_____	_____
_____	_____

If the route listed above overlaps with another route, please list the overlapping route(s):

<u>Route Name</u>	<u>Total Miles</u>	<u>Participant</u>
Climax-Kalamazoo_Commuter	4.2	Cara Smith
Comstock-Kalamazoo_Commuter	7.9	Cara Smith
Comstock-Parchment_Commuterv2	12.0	Cara Smith
Comstock-Richland_Commuterv2	15.6	Cara Smith
Parchment-Augusta_Commuter	22.9	Cara Smith
Scctts-Comstock_Commuterv2	23.9	Cara Smith
WMU_BTR-Climax_Commuter	38.8	Cara Smith
Portage-Comstock_Commuterv3	15.3	Cara Smith
Galesburg-Comstock_Commuter	9.8	Cara Smith
Galesburg-Richland_Commuterv2	15.0	Cara Smith
Portage-Galesburg_Commuter	25.5	Cara Smith
Scotts-Galesburg_Commuterv2	15.9	Cara Smith
Galesburg-Augusta_Commuterv2	17.3	Cara Smith
Climax-Galesburg_Commuter	15.4	Cara Smith
Cooper-Alamo_Commuter	10.0	Paul Guthrie
Richland-Cooper_Commuterv2	19.0	Paul Guthrie
WMU_Main-Alamo_Commuter	18.1	Paul Guthrie
WMU_Main-Cooper_Commuter	14.9	Paul Guthrie
Kalamazoo-Cooper_Commuter	12.0	Paul Guthrie
Kalamazoo-Alamo_Commuter	18.9	Megan Arndt
Parchment-Cooper_Commuterv2	13.3	Megan Arndt
Parchment-Kalamazoo_Commuter	6.4	Megan Arndt
Parchment-Richland_Commuter	15.0	Megan Arndt
Richland-Kalamazoo_Commuter	20.5	Megan Arndt
Oshtemo_Intra-Jurisdictional_Node_Connector	2.1	Ed Sackley
Oshtemo-Alamo_Commuterv2	12.5	Ed Sackley
Portage-Oshtemo_Commuterv3	15.1	Ed Sackley
WMU_BTR-Oshtemo_Commuter	6.8	Ed Sackley
WMU_Main-Oshtemo_Commuter	6.0	Ed Sackley
KVCC-Oshtemo_Commuter(N)	7.5	Ed Sackley
KVCC-Oshtemo_Commuterv2	8.8	Ed Sackley
KVCC-Paw_Paw_Commuter	23.5	Paul Sotherland
Lawton-Paw_Paw_Commuter	9.1	Paul Sotherland
Mattawan-Paw_Paw_Commuter	12.3	Paul Sotherland
Alamo-PawPaw-Commuterv4	36.9	Paul Sotherland
Paw_Paw-Oshtemo_Commuter	22.6	Paul Sotherland
Kalamazoo-Portage_(Oakland)_Commuter	10.6	Ed Sackley
KVCC-Portage_Commuter	15.3	Ed Sackley
Portage-Intra-Jurisdictional_Node_Connector-Loop	23.7	Ed Sackley
Portage-Kalamazoo_Commuter	10.7	Ed Sackley
Portage-Schoolcraft_Commuter	9.6	Ed Sackley
Scotts-Portage_Commuter	19.2	Ed Sackley
WMU_Main-Portage_Commuter	8.9	Ed Sackley

<u>Route Name</u>	<u>Miles</u>	<u>Participant</u>
Alamo-Mattawan_Commuterv3	29.7	Marc Irwin
KVCC-Kalamazoo_Commuterv2(N)	15.7	Marc Irwin
KVCC-Mattawan_Commuterv2	13.4	Marc Irwin
KVCC-Texas_Commuter	4.5	Marc Irwin
Oshtemo-Mattawan_Commuterv2	18.5	Marc Irwin
Portage-Texas_Commuterv2	9.4	Marc Irwin
Schoolcraft-Texas_Commuterv3	17.0	Paul Guthrie
Texas-Kalamazoo_Commuter	18.1	Paul Guthrie
Texas-Mattawan_Commuterv2	11.4	Paul Guthrie
Texas-Mattawan_Commuterv2(aft)	12.5	Paul Guthrie
WMU_BTR-Schoolcraft_Commuter	23.1	Paul Guthrie
WMU_BTR-Texas_Commuter	11.9	Paul Guthrie
WMU_Main-Texas_Commuter	16.5	Paul Guthrie
Vicksburg-Fulton_Commuterv2	19.1	Kendall Klingelsmith
Vicksburg-Portage_Commuterv5	9.9	Kendall Klingelsmith
Vicksburg-Schoolcraft_Commuterv3	6.0	Kendall Klingelsmith
Vicksburg-Scotts_Commuterv3	21.3	Kendall Klingelsmith
Augusta-Richland_Commuterv2	14.4	Cara Smith
Climax-Scotts_Commuterv2	13.7	Cara Smith
Fulton-Climax_Commuterv2	18.5	Cara Smith
Fulton-Scotts_Commuterv3	17.8	Cara Smith
Kalamazoo_Intra-Jurisdictional_Node_Connector-E	1.0	Paul Selden
Kalamazoo_Intra-Jurisdictional_Node_Connector-N	2.3	Paul Selden
Kalamazoo_Intra-Jurisdictional_Node_Connector-S	1.8	Paul Selden
Kalamazoo_Intra-Jurisdictional_Node_Connector-W	3.2	Paul Selden
Lawton-Mattawan_Commuter	11.1	Paul Guthrie
Schoolcraft-Lawton_Commuterv3	29.0	Paul Guthrie
Schoolcraft-Mattawan_Commuterv3	26.3	Paul Guthrie
WMU_Main-Intrajurisdictional_Loop	7.4	Paul Selden
WMU_Main-Kalamazoo_Commuterv2	2.0	Paul Selden
WMU_Main-WMU_BTR_Commuter	7.4	Paul Selden

Important Notes

1. "Route Names" are presented in order of assignment to participants based on time they had to work on them. Names were based on a list of so-called.kml file names, provided by KATS for use in this session.
2. Miles are route-specific and round trip; centerline miles for each route are approximately ½ of the Miles listed.
3. Many routes overlap each other by a considerable amount; these often share a common stretch of "trunk" before branching off to individual destinations. Further analysis of the raw data is needed prior to estimating, say, total mileage for any given agency or jurisdiction. In the meantime, representatives from agencies and jurisdictions may request the raw data from Paul Selden.

Minutes prepared by Paul Selden; please report errors/corrections if found.