



Route and Service Recommendations for Public Transit in Lawrence

April 6, 2010



Overview

- History
- Stakeholders
- Service Analysis
- August 2009
- Public Involvement
- Recommendations for August 2010
- Plus and Minus



History

- Previous Studies
 - The University of Kansas “Ten-Year Parking Strategy Final Report,” 2004
 - K-10 Transportation Study, May 2005
 - The University of Kansas “Transit Task Force Report to the Parking Commission and Provost,” September 1, 2005
 - Coordinated Public Transportation Development Plan, December 2006
 - Lawrence-Douglas County MPO – Transportation 2030: Long-Range Transportation Plan, March 2008
 - Lawrence-Douglas County MPO 2008-2012 Transportation Improvement Program
- Successful sales tax proposals
- KU-City Joint Planning Team
- January 2009, Olsson Associates and Bourne Transit hired to assist in coordination efforts



Stakeholders Meetings

- Employers
- City of Lawrence
- Douglas County Homeless Shelter
- Douglas County Senior Services
- Douglas County Sheriff's Department
- Douglas County Visiting Nurses
- Downtown Lawrence
- Federation of the Blind
- Federal Transit Administration
- Haskell Indian Nations University
- University of Kansas
- KU Parking Commission
- KU Transit Commission
- Lawrence Chamber of Commerce
- Lawrence Housing Authority
- Lawrence Memorial Hospital
- Lawrence Public Schools
- Lawrence-Douglas County Health Department
- League of Women Voters
- Midland Care
- MV Transportation
- Neighborhood Associations
- Apartment Complexes
- Project LIVELY
- "Save the T"



System Characteristics

	The T	KU On Wheels
Fixed Route Ridership*	387,938	1,190,641
Paratransit Ridership	49,733	3,978
2 Core service span	6 am - 8 p.m., Mon-Sat	7 a.m. - 6 p.m., Mon-Fri
0 Expenditures	\$ 3,687,986.00	\$ 4,779,704.59
0 # of Routes	8	9
8 Peak Fixed Route Veh.	10	28
Frequencies	40-80 minutes	6-30 minutes
Sq Mileage	18.36	6.96

*KU ridership figures are Fiscal Year 08, City ridership figures are Calendar Year 08.



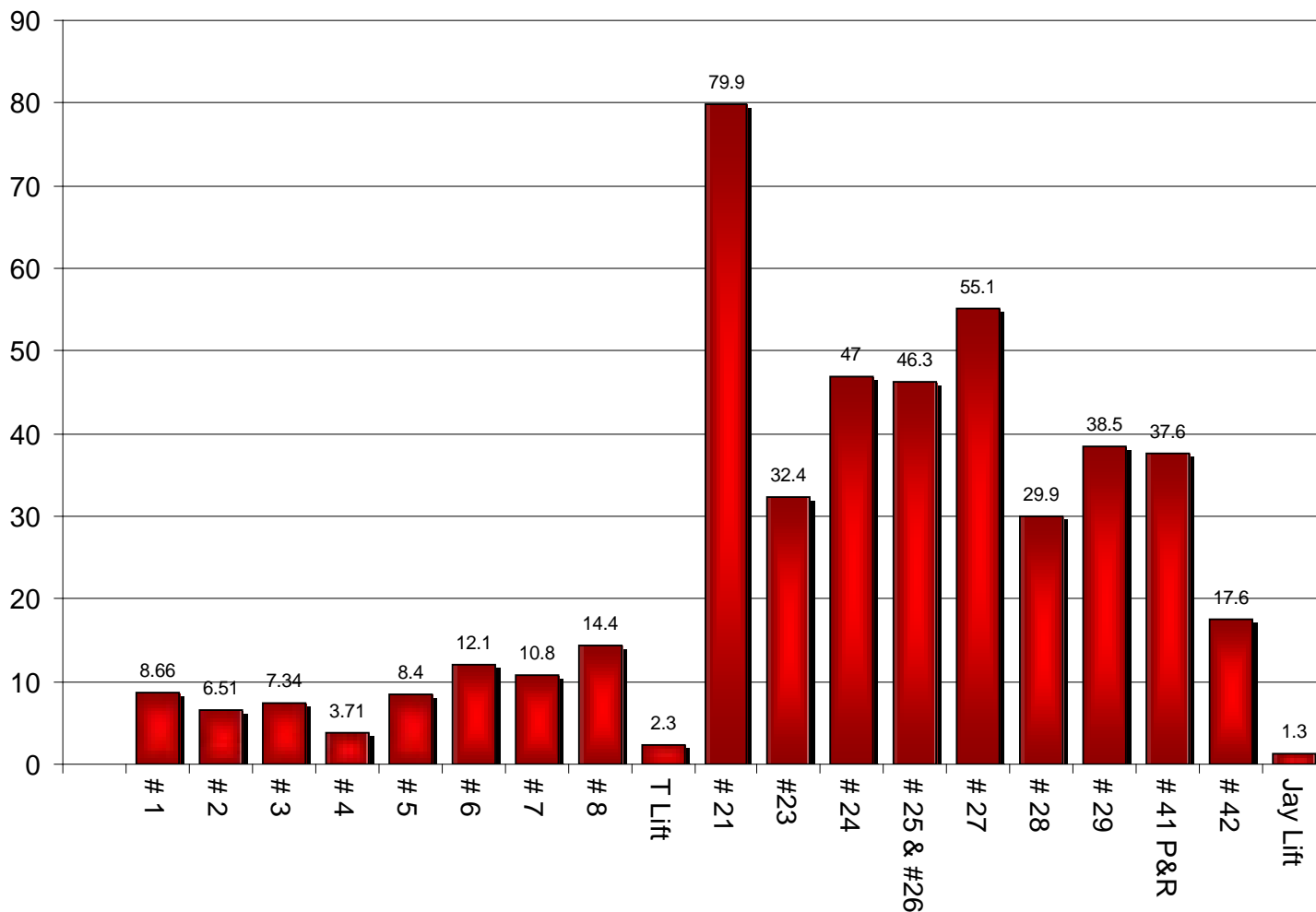
Differences in Service (Performance and Coverage)

- KU operates a performance based service
 - Service based on ridership
 - Matching resources to demand
 - 1/3 service area as City
- The City operates a coverage based service
 - Service provided based on service area
 - 3 times service area of KU



Productivity by Route

(Passengers per Revenue Hour)



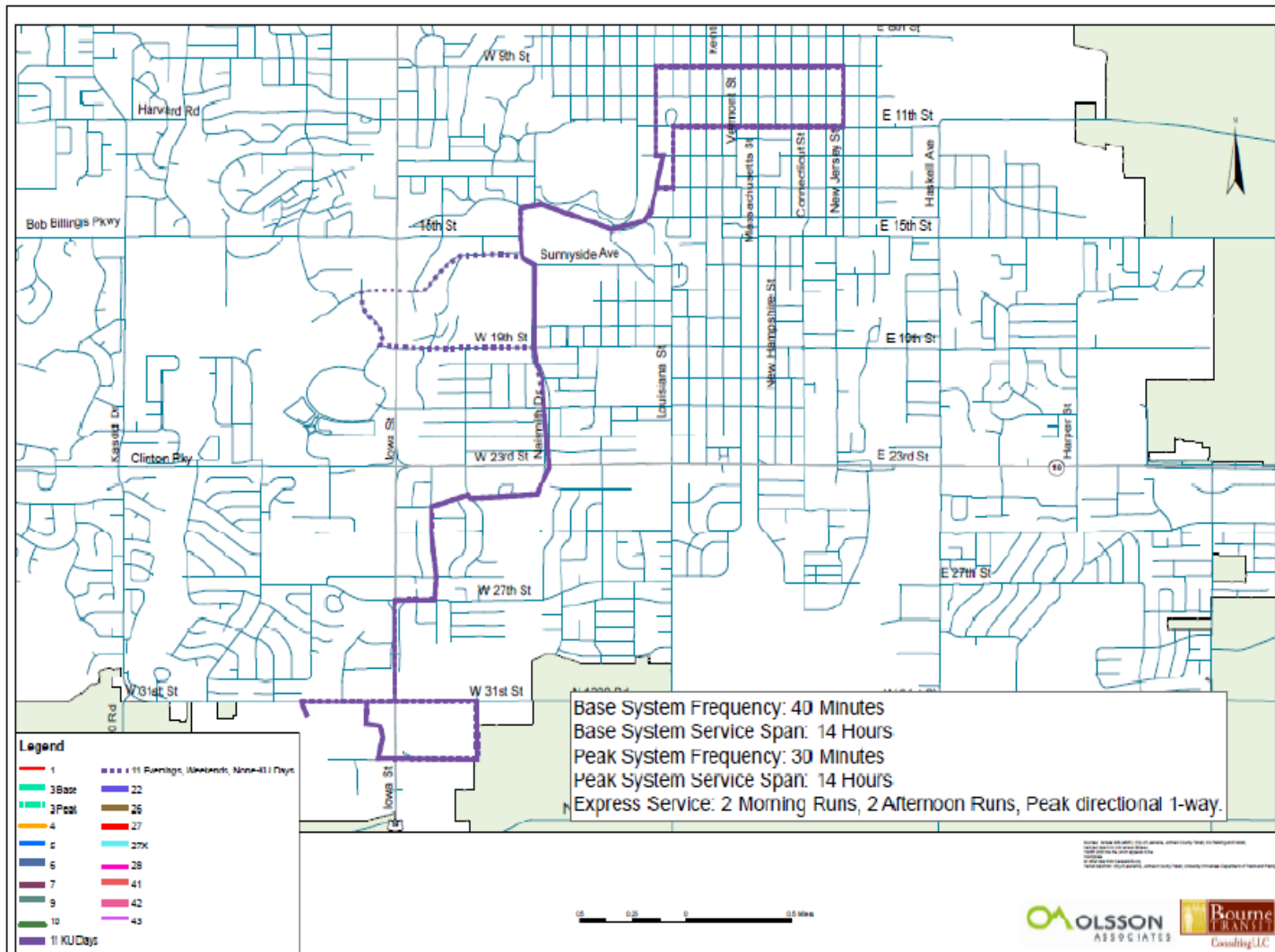


August 2009

- Guide to Ride
- Shelter Maps
- Coordinated Information
- Public Outreach
- Joint Maintenance Facility
- Service Standards and Policies



Route 11





Information and Comments (August 2010)

- Recommendations were made available to public through:
 - Press release
 - www.lawrencetransit.org
 - Announcements on buses
 - Transit office
 - Via email (on request)
 - Public meetings
- Comments were accepted via:
 - Email to transit administrator
 - Traditional mail
 - Comments cards at public meetings

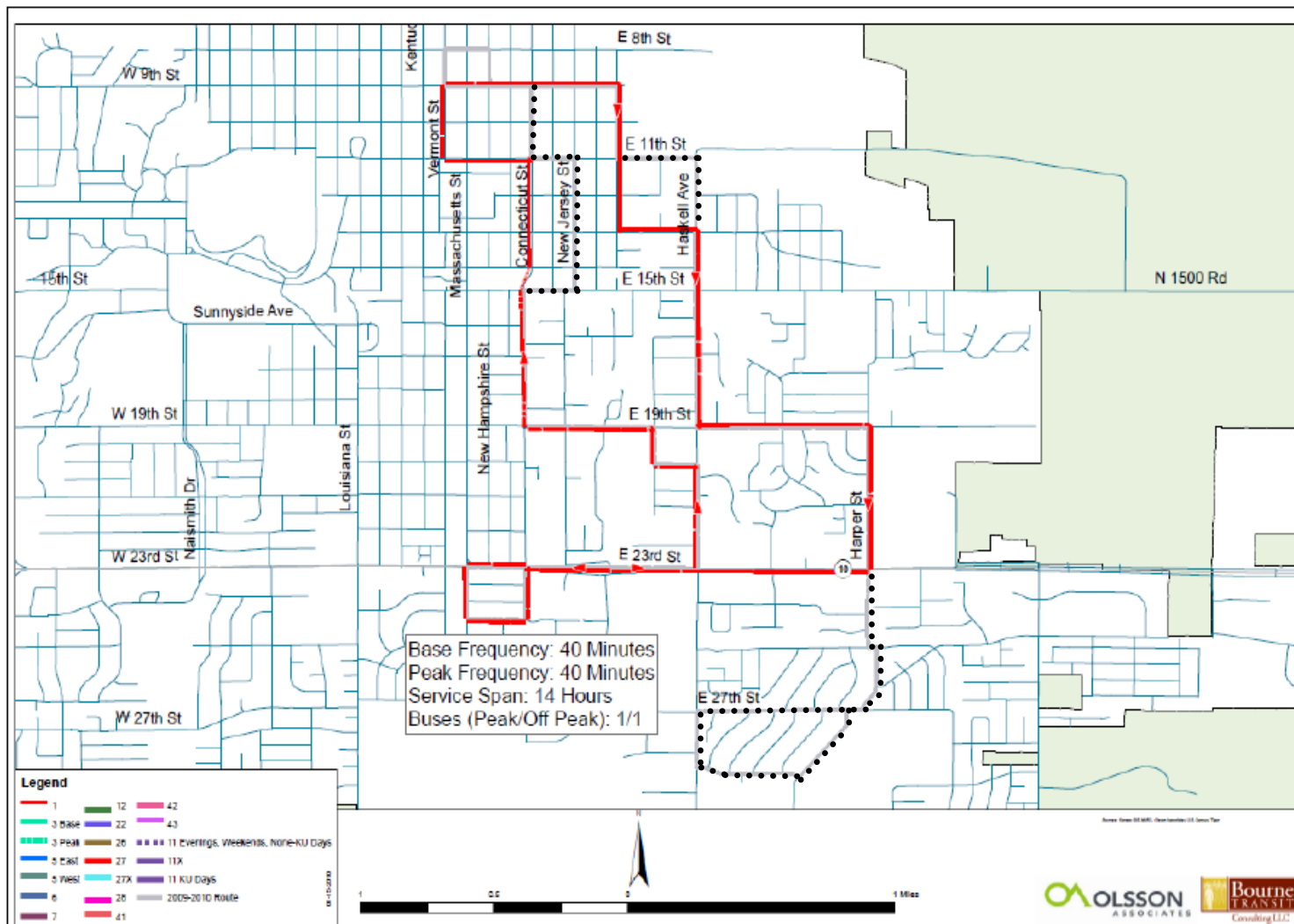


Public Meetings

- Public Transit Advisory Committee
 - December 8, 2009
 - February 9, 2010
 - March 9, 2010
- Public meetings to discuss these proposals are listed below:
 - January 20, 2010 at Indoor Aquatic Center
 - January 21, 2010 at Douglas County Fairgrounds
 - January 22, 2010 at Community Building
 - January 25, 2010 at Prairie Park Nature Center
 - January 26, 2010 at Kansas Union
 - January 27, 2010 at Lawrence Visitor's Center, Union Pacific Depot,
 - January 28, 2010 at Holcom Recreation Center

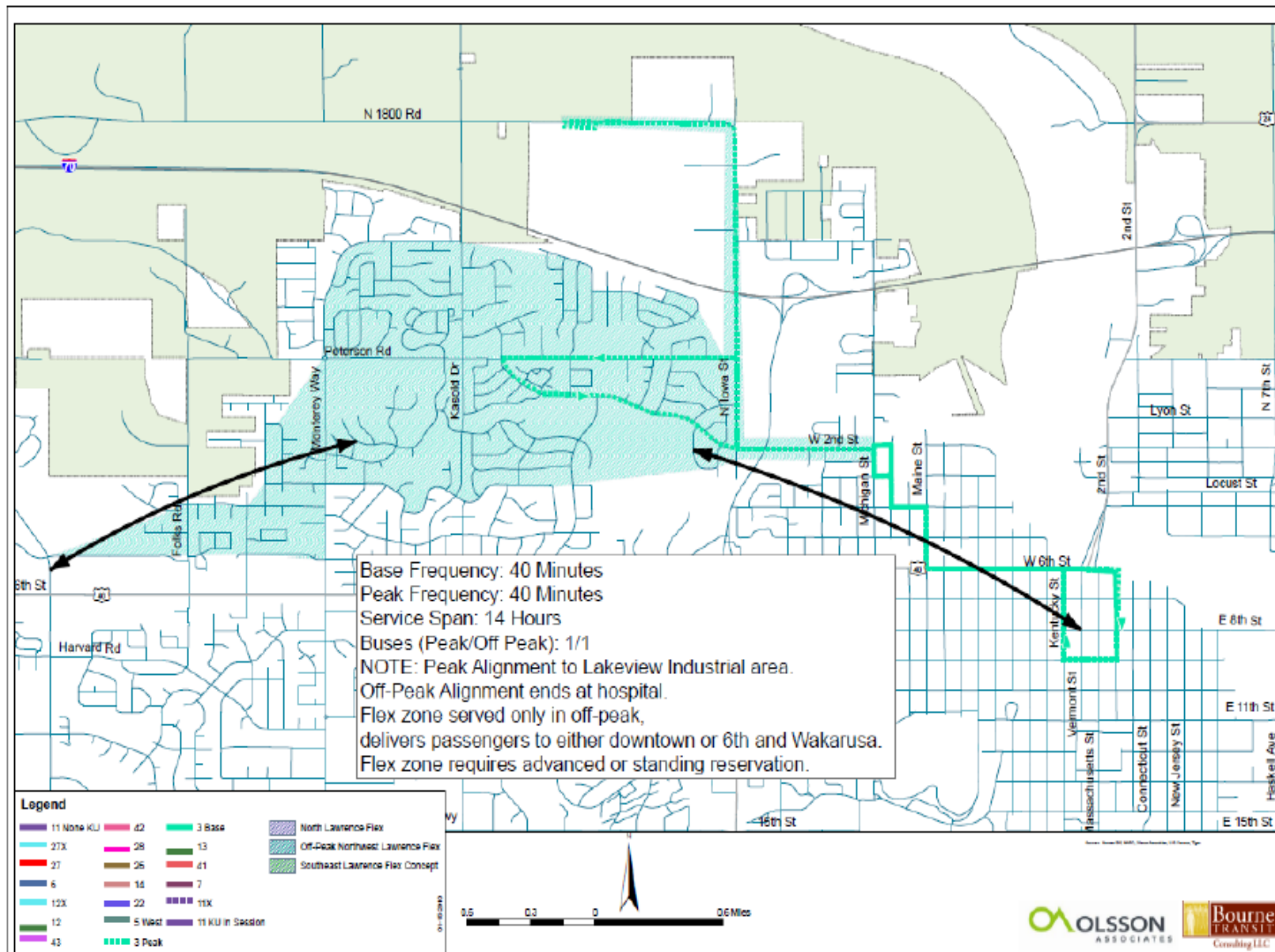


Route 1





Route 3





Legend

4	26
1	27
3 Base	27X
3 Peak	28
5 East	41
5 West	42
6	43
7	11 Evenings, Weekends, Non-KU Days
12	11X
22	11 KU Days

Base Frequency: 40 Minutes
 Peak Frequency: 40 Minutes
 Service Span: 14 Hours
 Buses (Peak/Off Peak): 1/1

Scale: 0 0.5 1 Miles

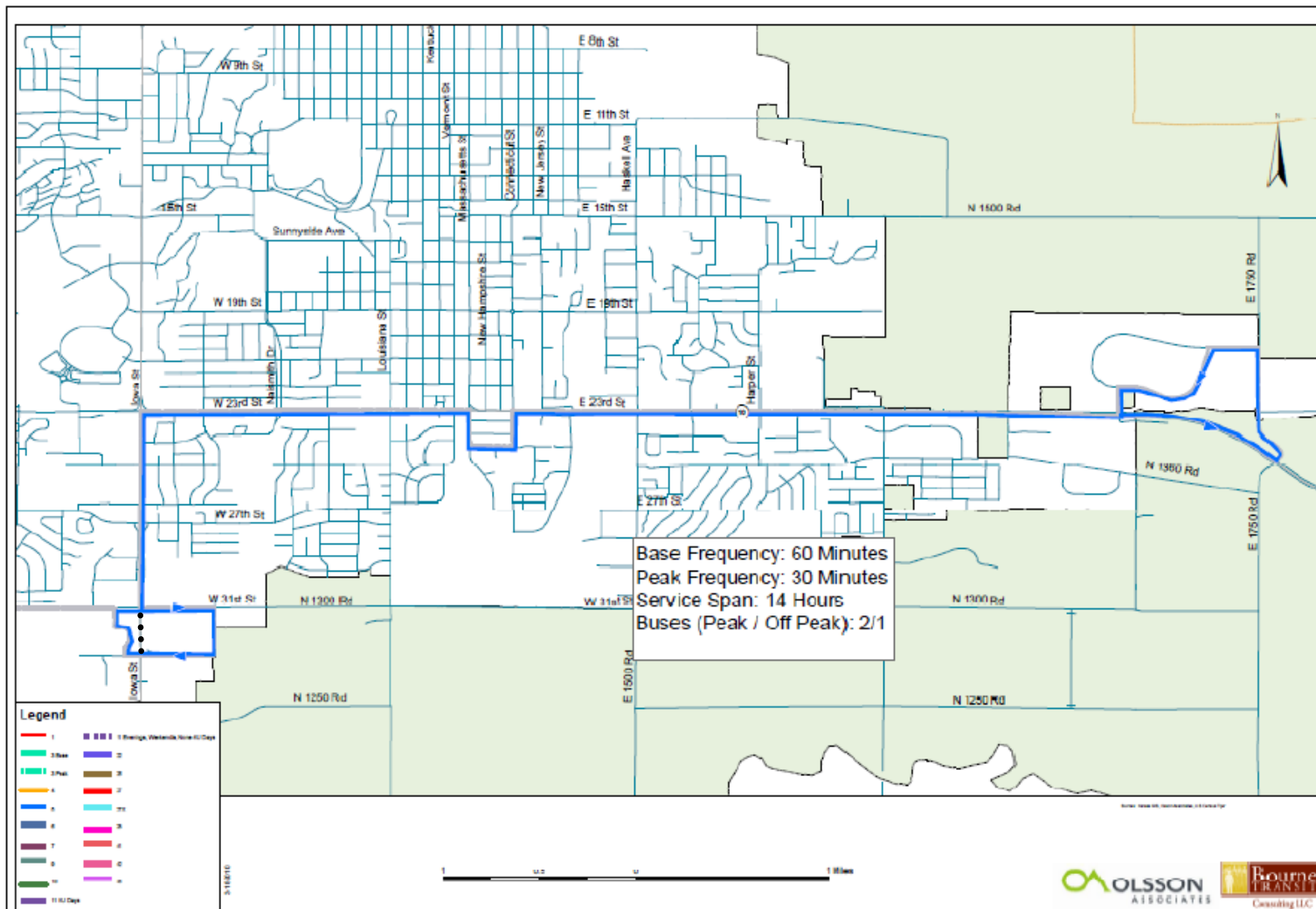
OLSSON ASSOCIATES

Boume TRANSPORT

Consulting, LLC

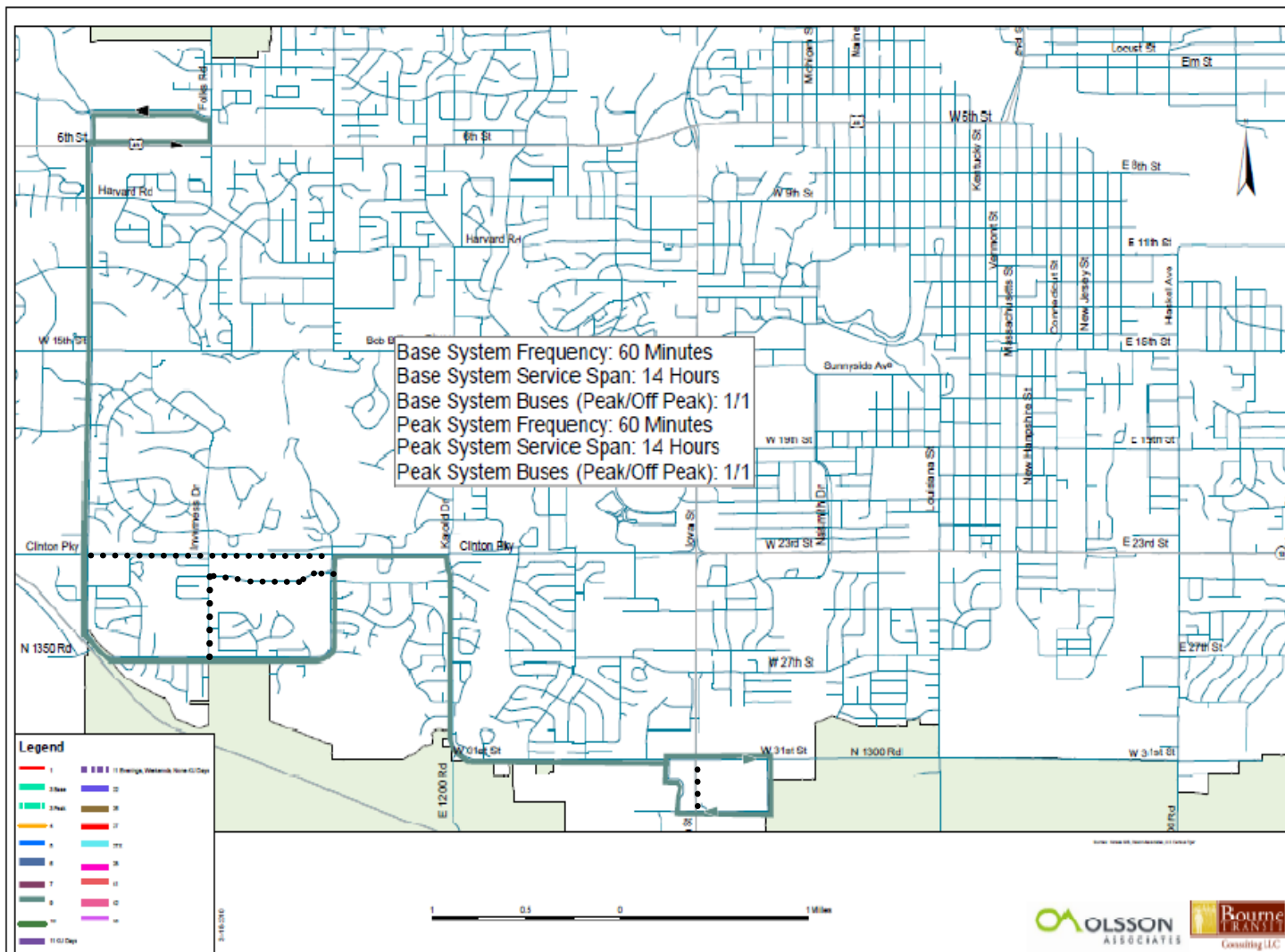


Route 5



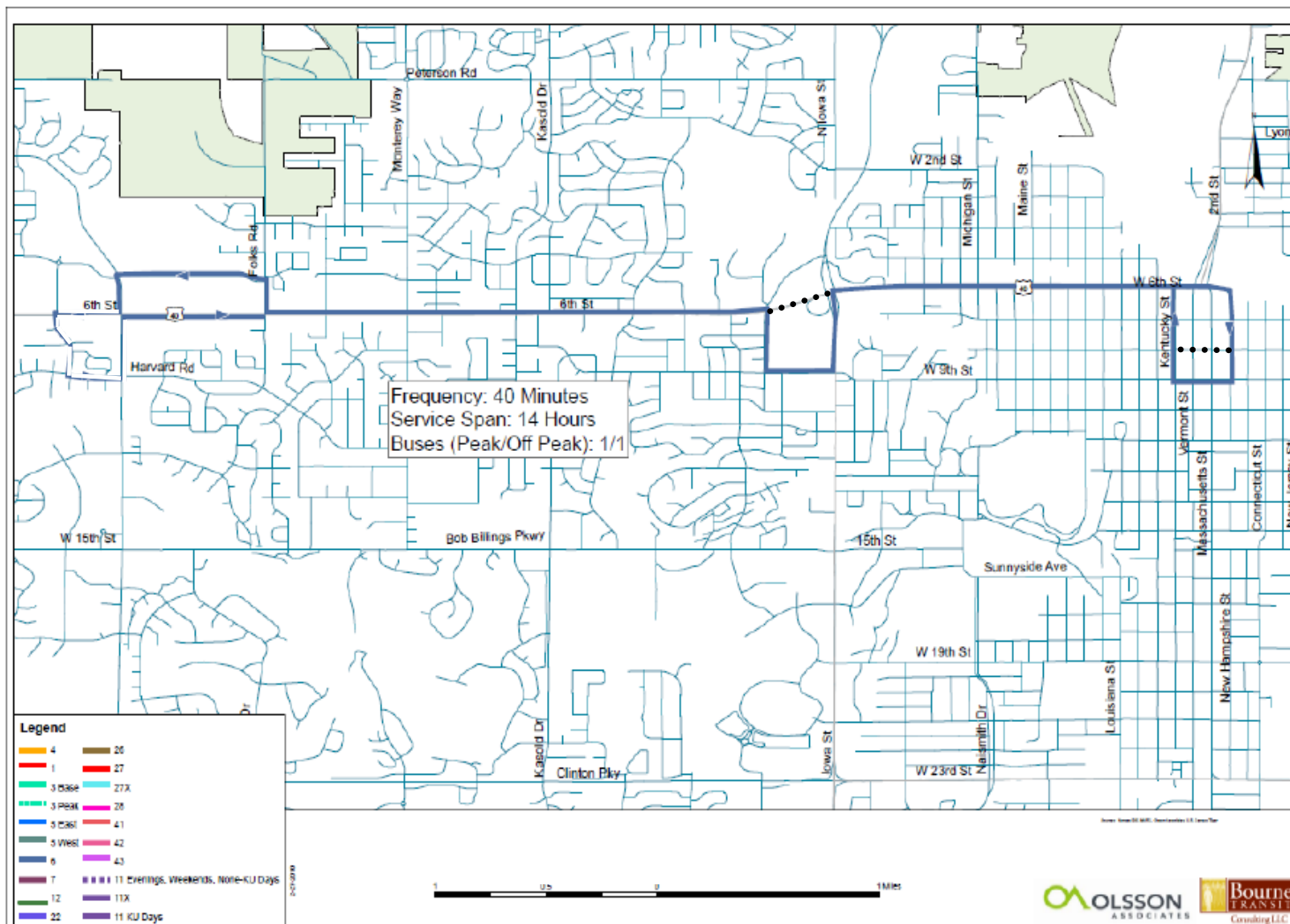


Route 9



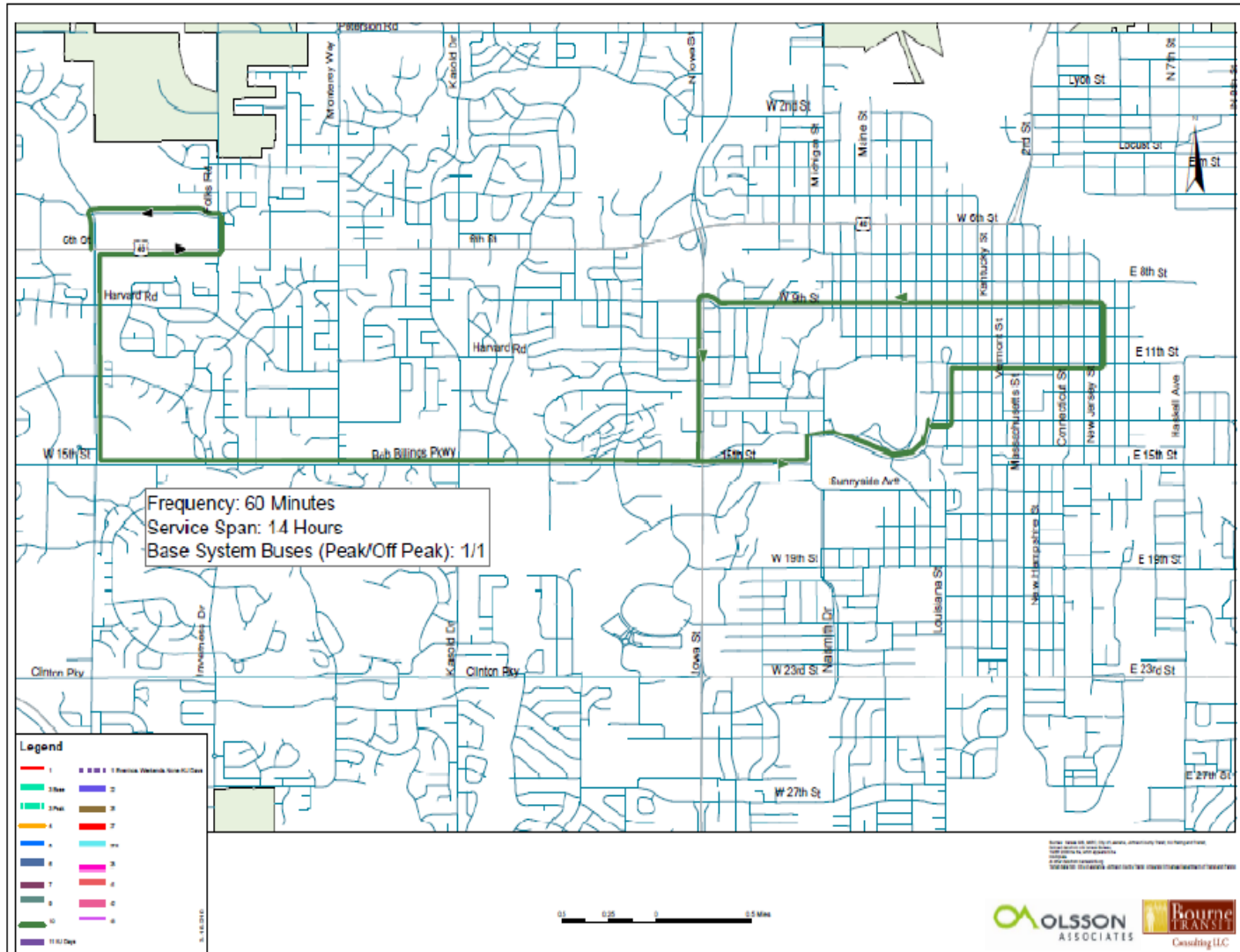


Route 6



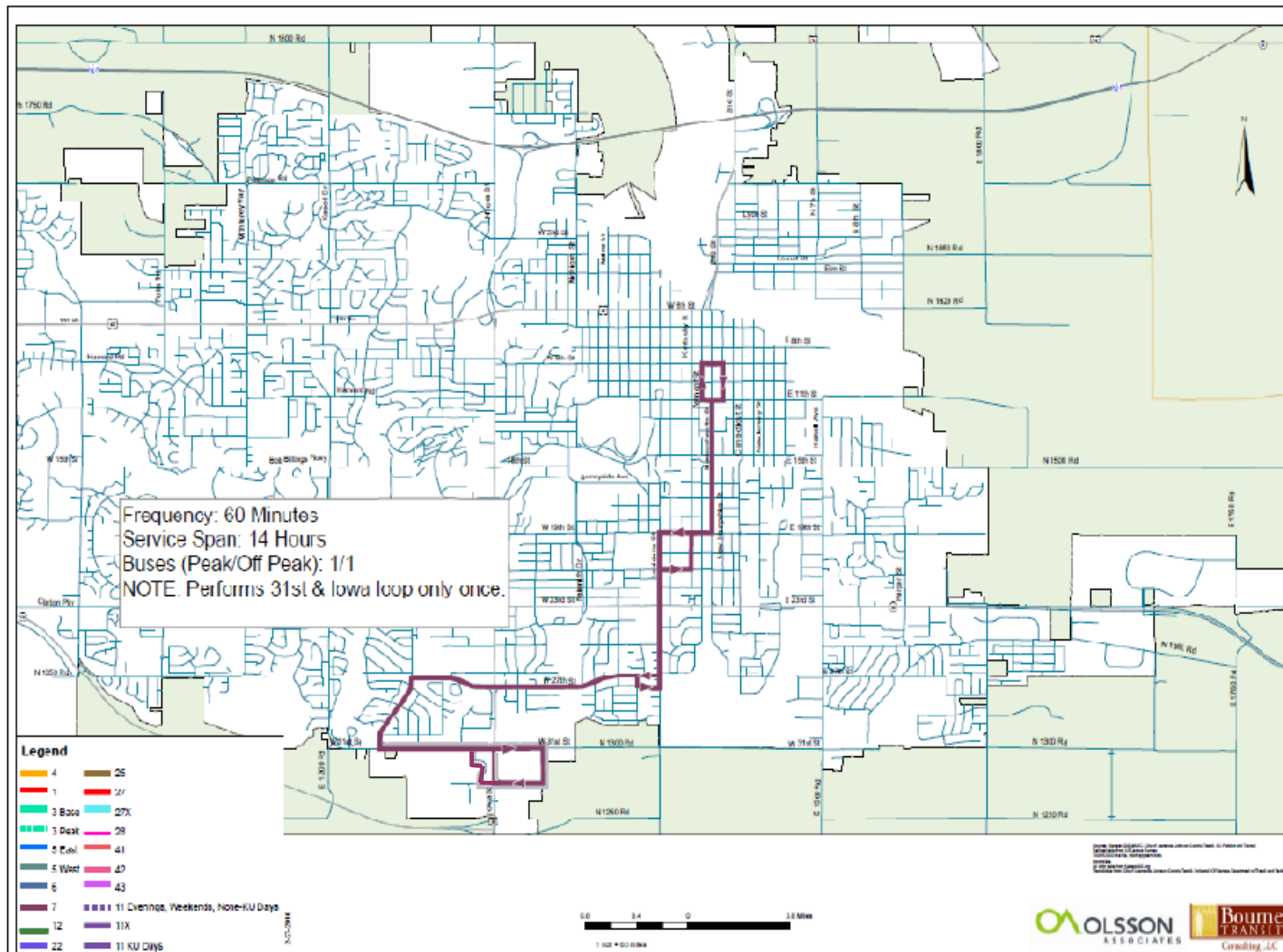


Route 10



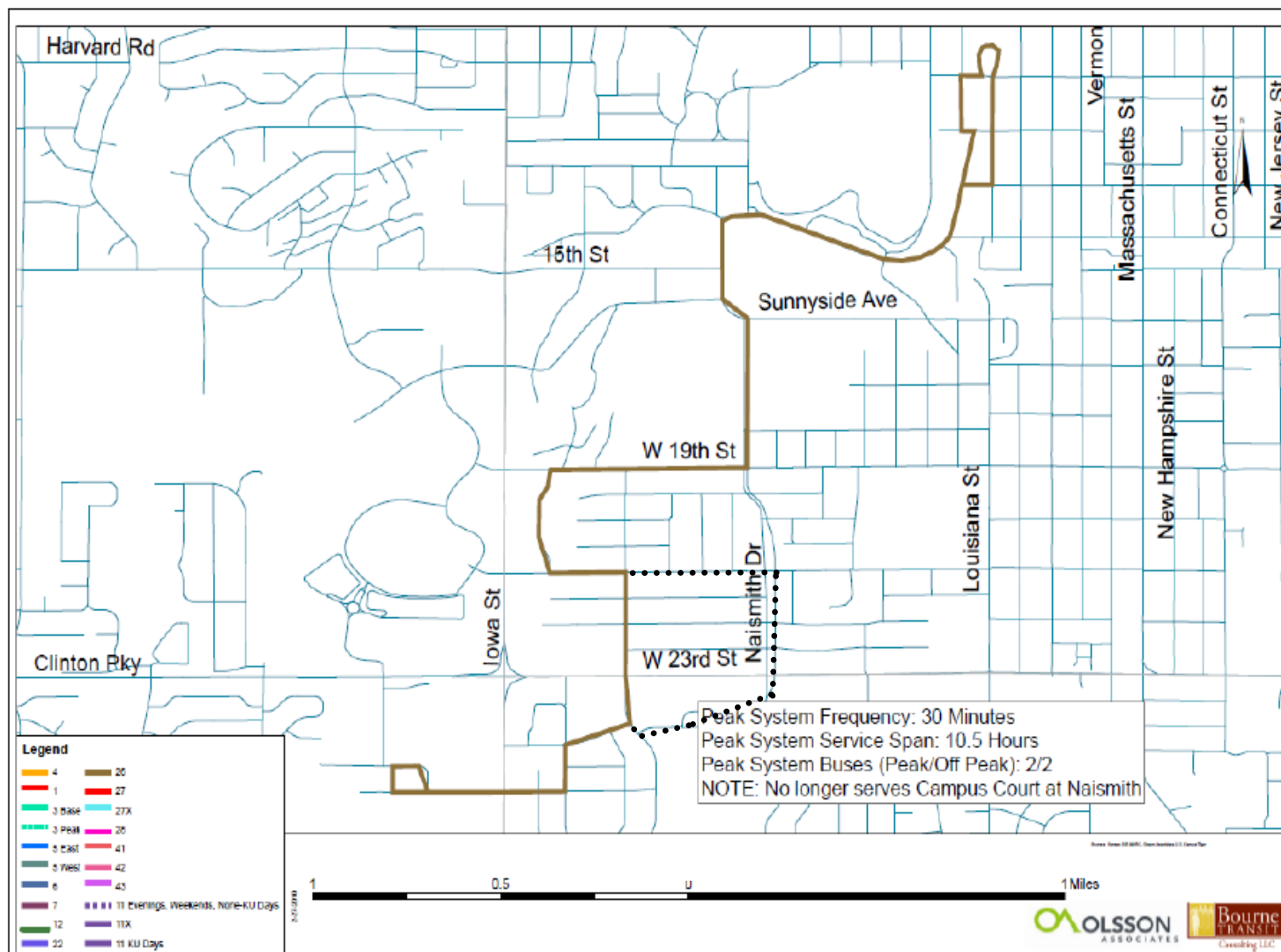


Route 7





Route 26





Legend

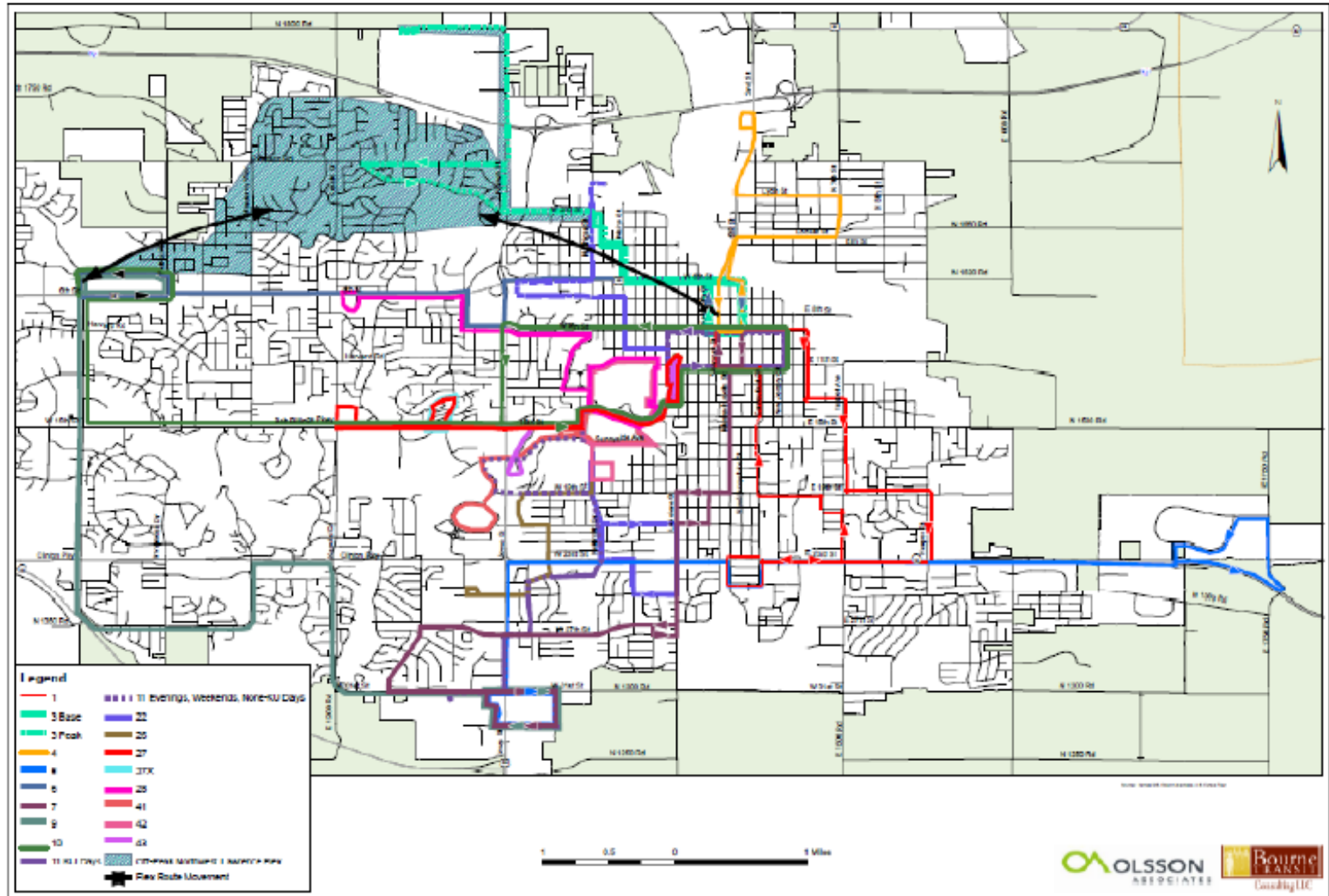
1	11 St Transitway
3 Base	22
3 Peak	25
4	27
5	27A
6	28
7	41
8	42
9	44
10	

11 St Transitway: Greenlight, Weekends, Non-ICU Days

Scale: 0 0.5 1 Mile

OLSSON ASSOCIATES

Bourne TRANSIT CONSULTING





Minus

- Discontinue service to Prairie Park
- Not able to provide service to County Jail at this time
- Not able to define how service will be changed in North Lawrence. Additional efforts will be needed.



Plus

- Created neighborhood route that matches travel patterns in East Lawrence
- Created easier access between downtown and industrial park
- Expand service into residential areas (choice riders)
- Improve frequency of service to industrial park
- Create north-south connections in West Lawrence
- Create more direct routing on # 5, # 6, # 9 and #10
- Created direct connection between West Lawrence and KU campus while continuing to serve Downtown
- Improve frequency on #7 from 80 minutes to 60 minutes