

***Lawrence Route and Schedule Design
for Coordinated Transportation***



City of Lawrence and University of Kansas

Olsson Associates
Bourne Transit

Six Recommendations

- Produce one joint map and timetable brochure, with increased timepoints.
- Move towards one Information Hotline call number
- Create a new route #11, replacing route #8, #24, #25
- Modify the alignment of route #26
- Interline routes #4 and #3, and assign smaller vehicles
- Interline routes #1 and #2, and explore assigning smaller vehicles

Produce one joint map and timetable brochure, with increased timepoints

- Recommendation:
 - 1 brochures
 - KU routes: additional outbound timepoints
 - T routes: Some additional locations
 - Common timepoint locations/names

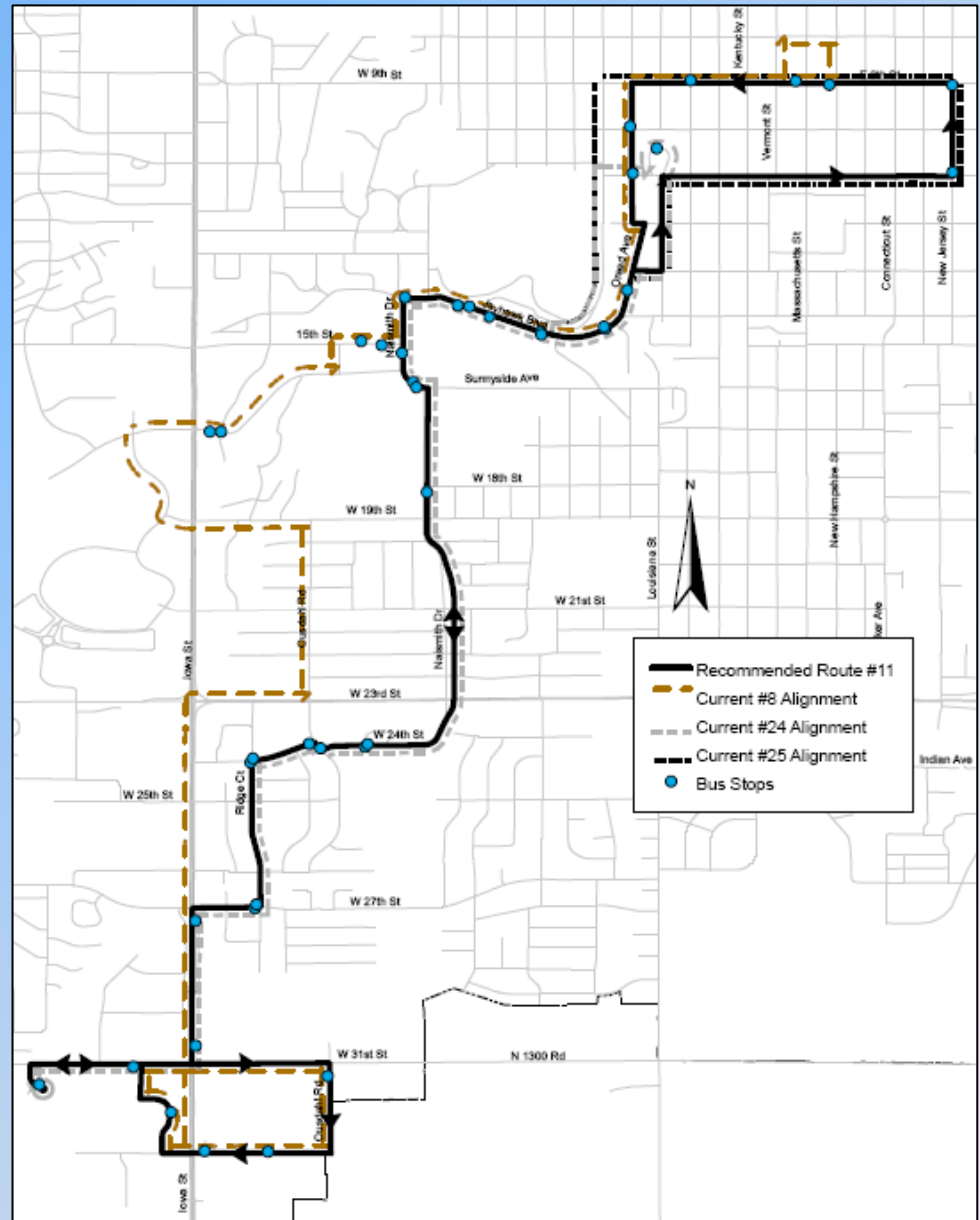


Create one informational hotline number

- Now:
 - KU customers call KUOW
 - Lawrence transit customers call service provider
 - Perception
- Recommended:
 - Both systems be equally adept at schedule and route information
 - Publicize one number
 - Eventually transition to one number

Create a new route #11, replacing route #8, #24, #25

- A strong connection between downtown, KU campus, and retail
- Builds on current strengths
- Replaces 3 routes with 1
- Spine of future system

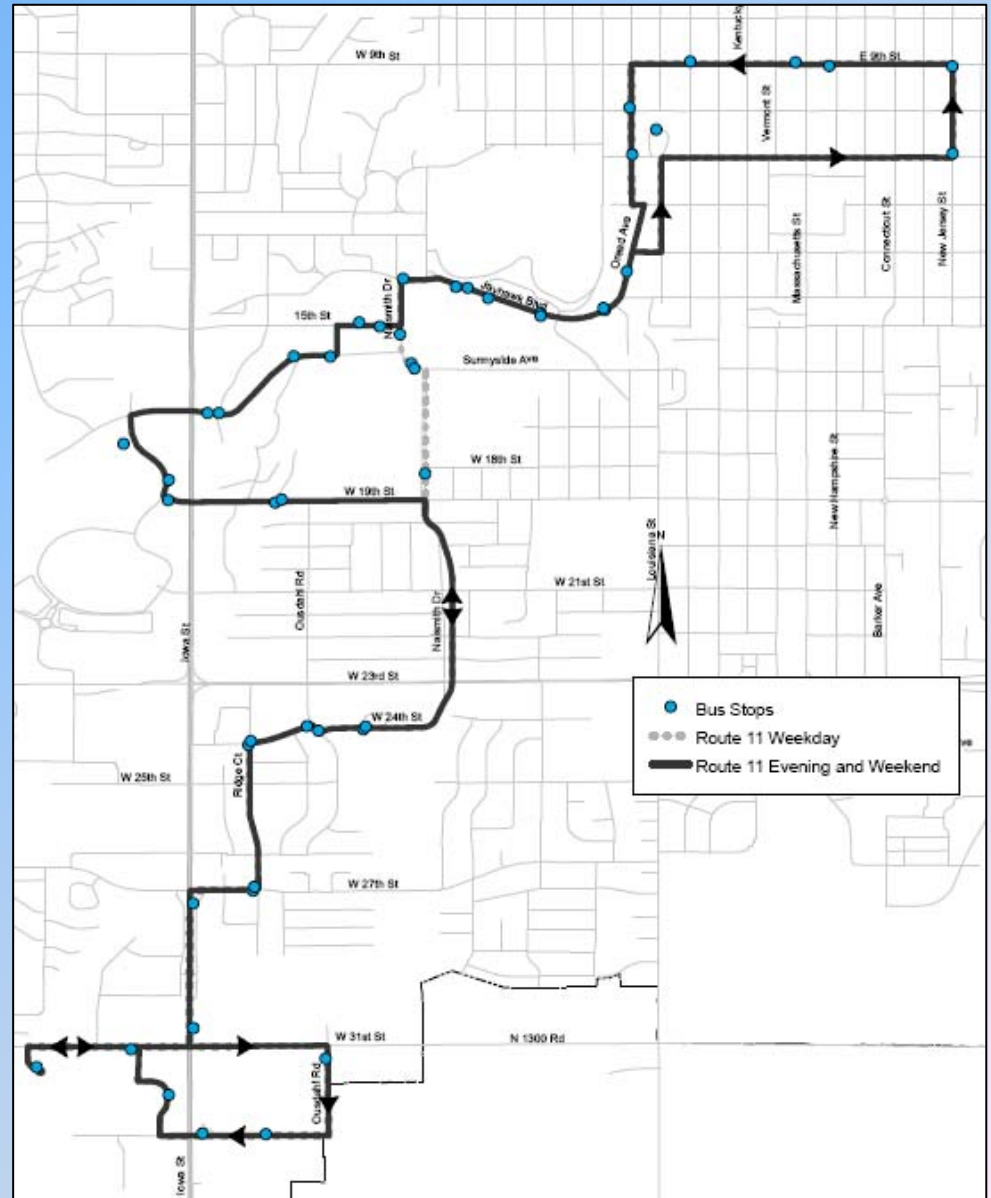


Create a new route #11, replacing route #8, #24, #25 (cont)

- Serves both entities mission
- Alternative
- Capacity issues

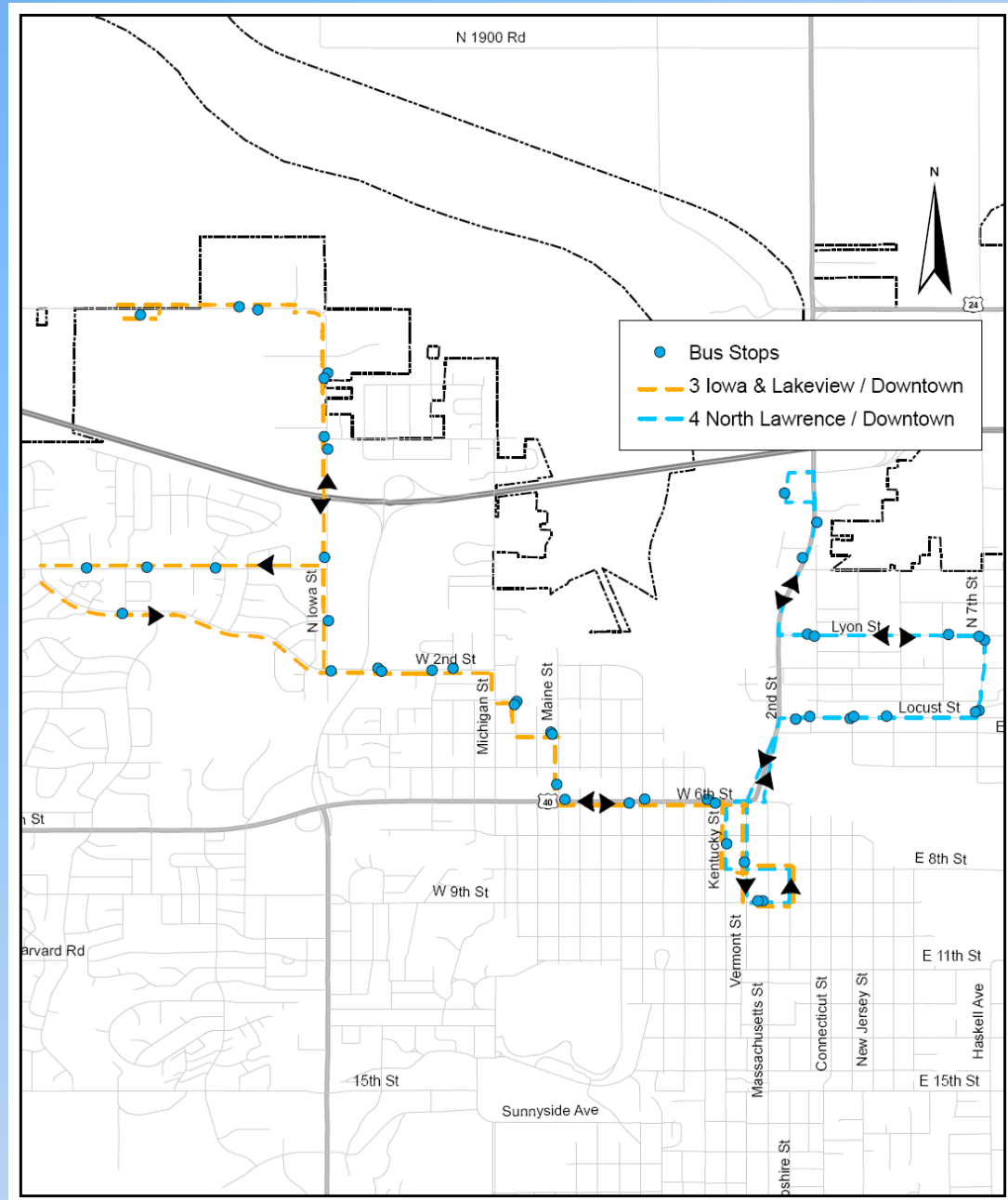


- Evening/weekend alignment
- Lower frequency



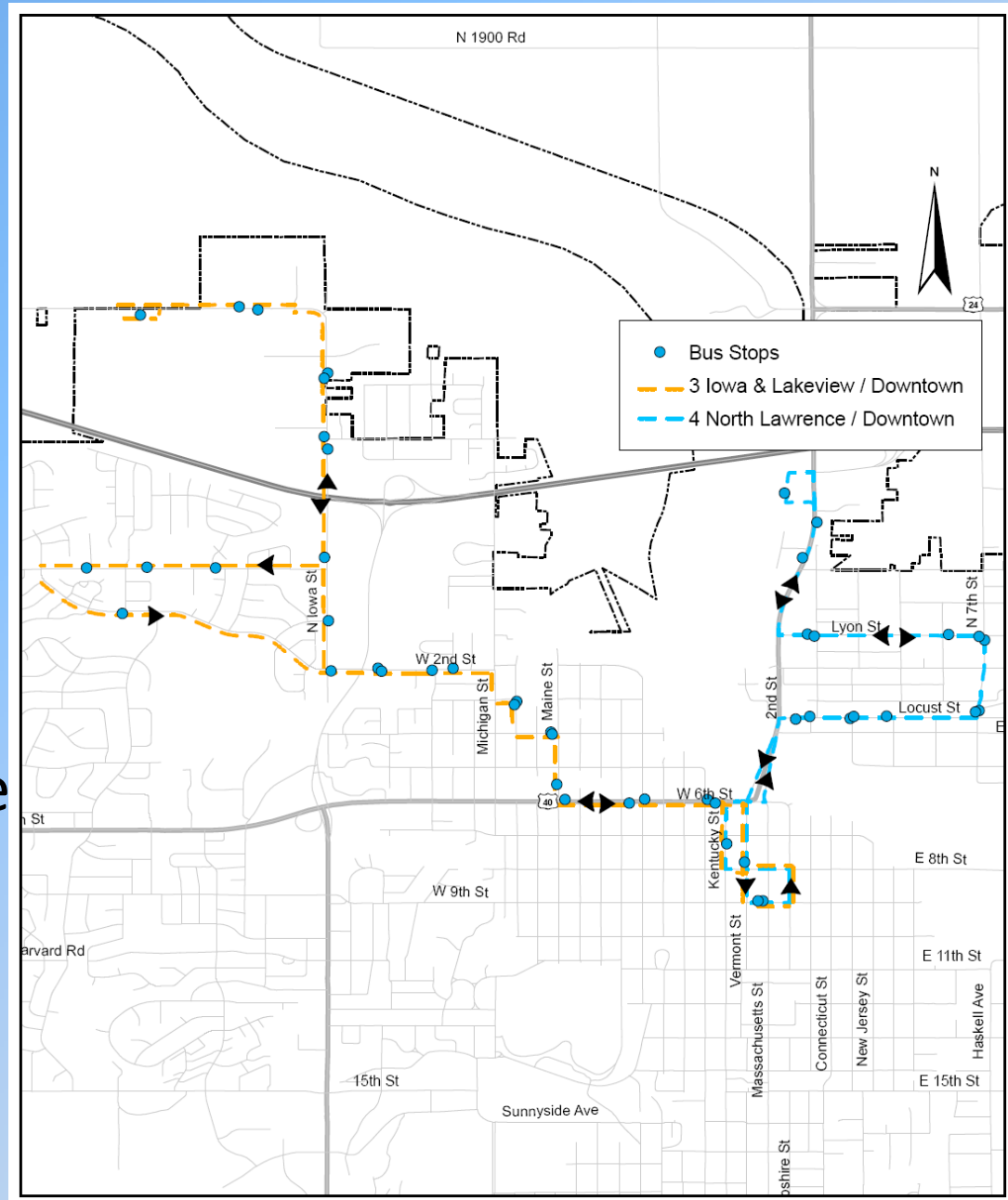
Interline #3 and #4

- Currently: Both interlined with southern routes (#1 and #2)
 - Low ridership
- Recommended: Interline northern routes together



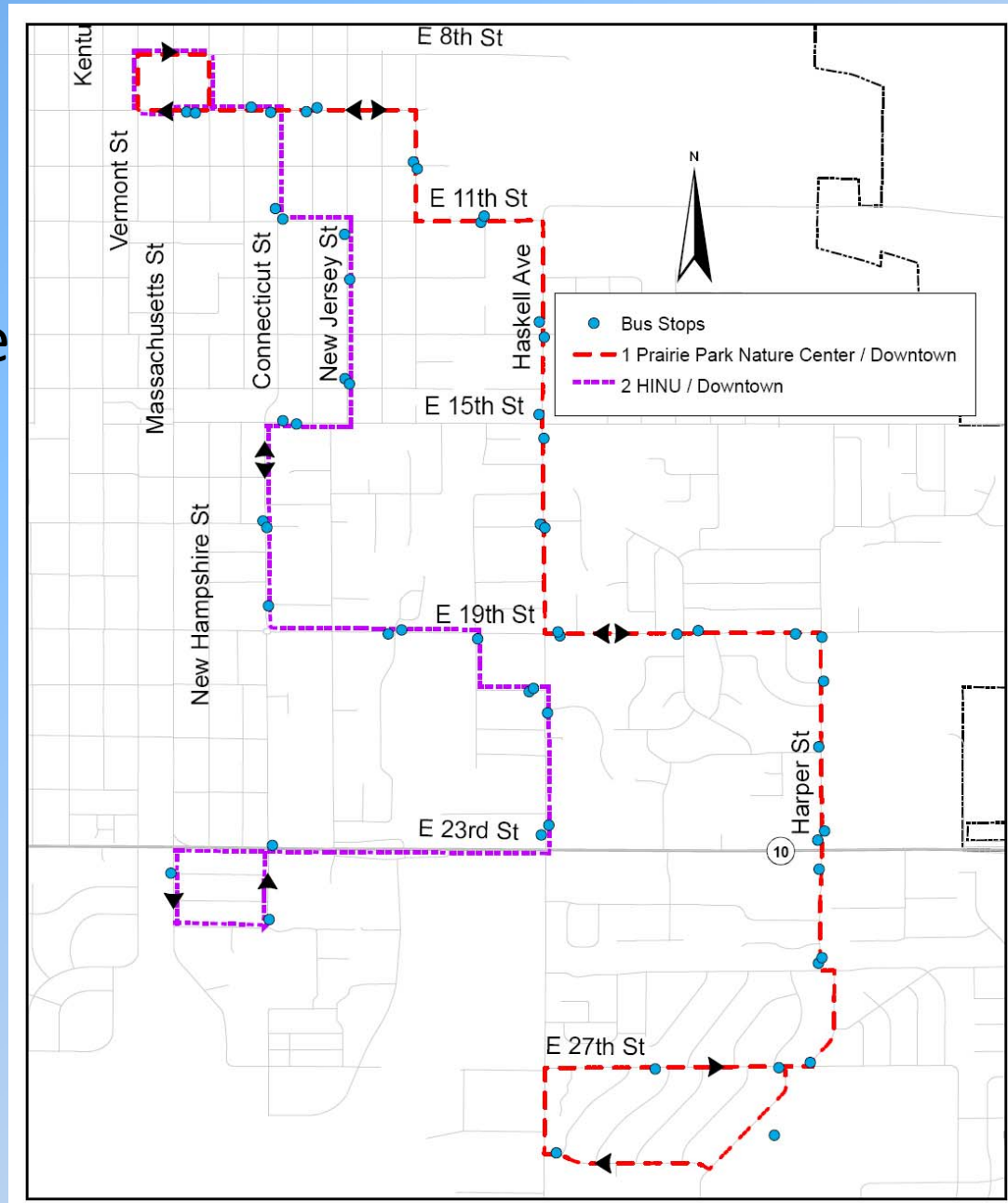
Interline #3 and #4 (cont.)

- Sets the stage for different service type in August 2010
- No change in frequency
- No change in revenue hours
- Assign smaller vehicles



Interline #1 and #2

- No change in revenue hours
- No change in frequency
- Explore assigning smaller vehicles



Revenue Hours

Route 8	Rev- hrs	Days	Year Rev Hrs			
6:13am to 8:00pm	13.8	308	4250.4			
						Total
Proposed Route 11	<u>hdwy</u>	<u>Start</u>	<u>End</u>	<u>Rev- Hr/Day</u>	<u>Days</u>	<u>Rev-hr</u>
Service when KUOW does not operate						
Summer	40	700am	540pm	21.33	63	1343.8
Winter Break	40	700am	540pm	21.33	13	277.29
Spring Break	40	700am	540pm	21.33	5	106.65
Saturdays	40	800am	740pm	22.33	57	1272.8
Service at all times						
All wkdy early eve	80	540pm	820pm	2.67	255	680.85
All wkdys early AM	80	540am	700am	1.33	255	339.15
Total						4020.5

Questions