



GRAND ISLAND – TRANSIT NEEDS ASSESSMENT AND FEASIBILITY STUDY

PUBLIC OPEN HOUSE – NOVEMBER 9, 2017

CORINNE DONAHUE, AICP



TAC Agenda

- Report Summary
- Plans Moving Forward
 - Fiscally Constrained Plan
 - Illustrative Plan
- Next Steps



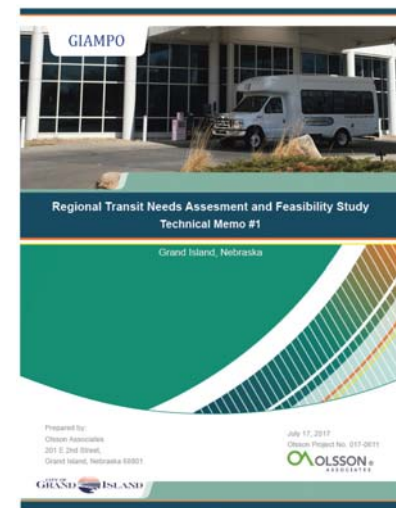
Transit Study

► Why Important?

- Grand Island evolved considerably last 20 years
- Hall County Public Transportation has been under management of the City of Grand Island since July 2016
- Time for fresh look to reflect today's community

► Focus of Study

- 1-5 year planning horizon
- Baby steps for future transit vision



Tasks Completed

▶ Tech Memo 1

- ▶ Socio-demographic Analysis
- ▶ Market Analysis
- ▶ Transit Needs/Demand
- ▶ Transit Providers
- ▶ Peer Review

▶ Tech Memo 2

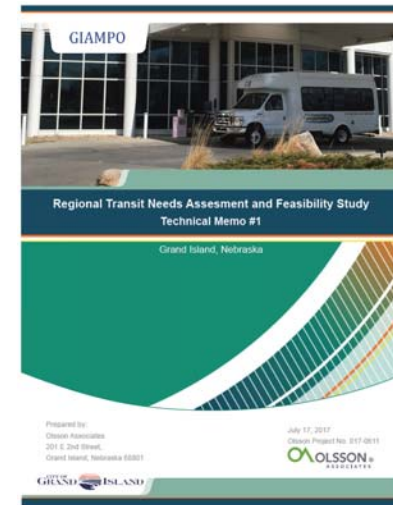
- ▶ Future Transit Alternatives
- ▶ Operations Management

▶ Tech Memo 3

- ▶ Fiscally Constrained Plan
- ▶ Illustrative Plan
- ▶ Implementation Plan

▶ Draft Summary Final Report

▶ Final Report



Public Engagement

1. Focus Group Meetings

- 3 Rounds of Meetings
- Multiple diverse groups represented

2. Public Open Houses

- April 5, 2017
- November 9, 2017

3. On-Site Visits

- Spring/Summer 2017
- College, JBS, Hornady
- Drivers/staff

4. Online Community Survey

- Spanish/English
- 267 responses

5. Transit Rider Survey

- June and August 2017



Open House at the Grand Generation Center



Focus Group Meeting

Developed Future Alternatives

Four Primary Transit Modes

1. Status Quo
2. Same-day Demand Response
3. Flexible Route Service
4. Fixed Route Service



Sample Flex Route

Additional Services

5. Regional Airport Service
6. Commuter Express Routes/Intercity Bus Service
7. Rideshare Program
8. Vanpool Program
9. Autonomous Vehicle Technology

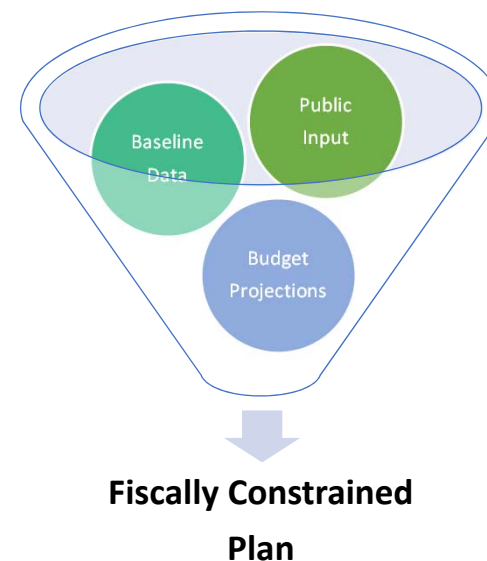


Transit Alternatives Results

Final Steps of Study

1. Scoring of Transit Alternatives
2. Meeting with City Finance Department
3. Review of Resources

- **Fiscally Constrained Plan**
- **Illustrative Plan**
- **Implementation Plan**



Fiscally Constrained Plan

- Continue Demand Response Service – Status Quo
 - 24-hour reservation
 - Curb-to-curb service
 - Monday – Friday
 - 6:00a - 5:00p
 - 7 to 8 peak vehicles
 - \$490,000 annual operating budget
 - \$2 base fare



Fiscally Constrained Plan

NEW CHANGES

1. Branding – new look, new image, new name
2. Increase transit marketing
3. Increased oversight of transit contract



Fiscally Constrained Plan

NEW CHANGES

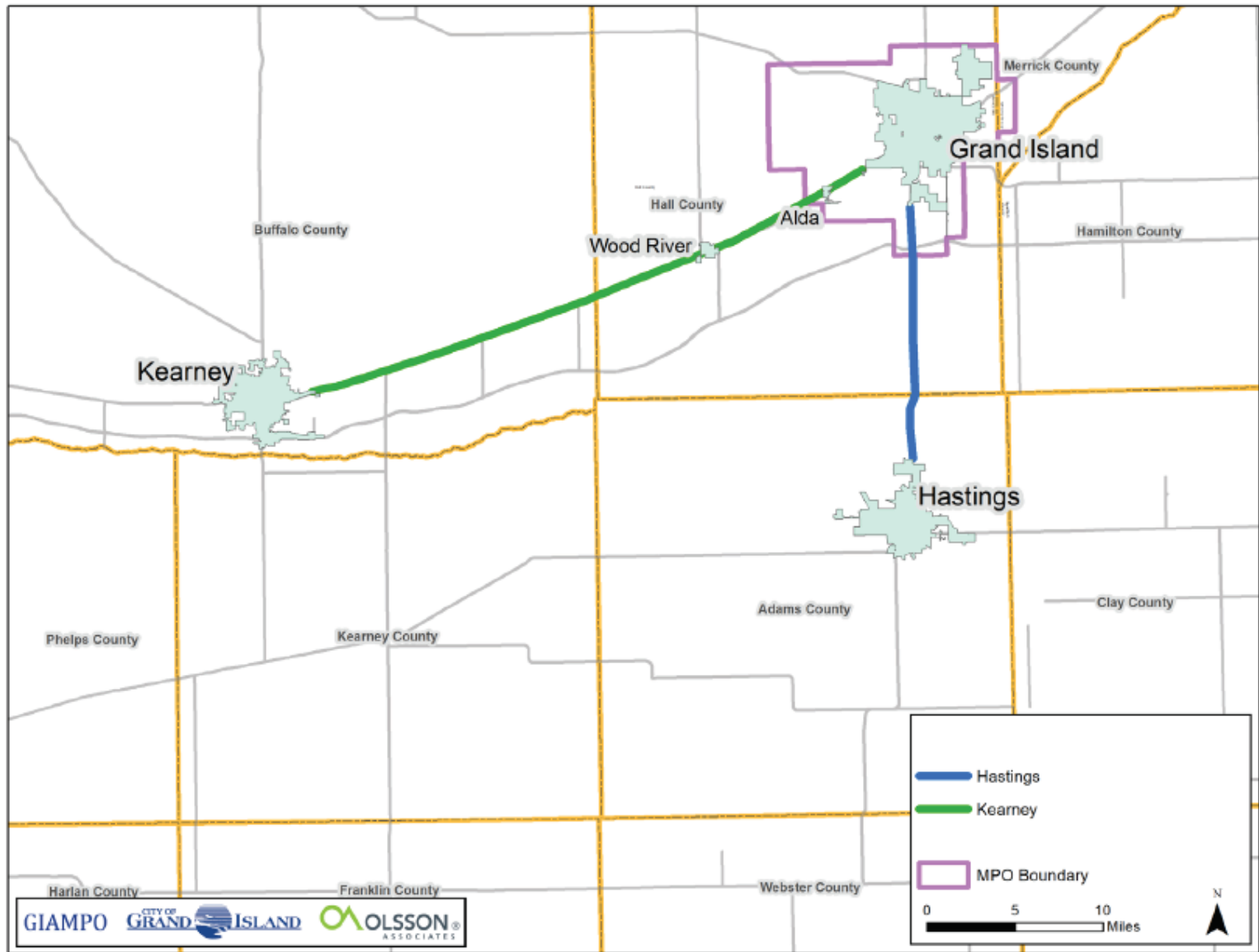
4. Begin planning work for Intercity Bus Service

- To/from Grand Island and Kearney
- To/from Grand Island and Hastings
- Monday – Friday, AM, PM, mid-day trip
- Connections to intermodal facilities

- Operations Plan
- Park and Ride Study
- Marketing & coordination with connecting communities



Intercity Bus Service Map



Fiscally Constrained Plan

NEW CHANGES

5. Coordinate NDOT Vanpool Program coordination with major employers/destination in Grand Island Region
6. Implement Rideshare Program
 - Purchase of Software
 - Market, promote, demonstrations
7. Preliminary Planning – Transit Facility



Fiscally Constrained – Expenses

	Year	1	2	3	4	5	Notes
Expenses							
Admin/Operating							Funding % Breakouts
1	Admin Management	\$92,400	\$95,172	\$98,027	\$100,968	\$103,997	80 Fed/20 Local*
2	Service Contract - Existing Urban	\$500,000	\$515,000	\$530,450	\$546,364	\$562,754	50 Fed/50 Local*
3	Intercity Bus Service	\$100,000					80 Fed/20 State
4	Vanpool Service Marketing		\$10,000	\$11,935	\$12,293	\$12,662	50 Fed/50 Local*
5	Rideshare Ann. fees/marketing		\$12,500	\$12,875	\$13,261	\$13,659	50 Fed/50 Local*
6	Service Contract - Rural	\$24,500	\$25,235	\$25,992	\$26,772	\$27,575	50 Fed/25 State/25 Local
	Subtotal	\$716,900	\$657,907	\$679,279	\$699,658	\$720,647	
Capital							
1	Transit Vehicles (2 @ \$65K Each)	\$130,000		\$130,000		\$130,000	80 Fed/20 Local
2	Prev. Maintenance	\$72,500	\$74,675	\$76,915	\$79,223	\$81,599	80 Fed/20 Local*
3	Vehicle Equipment	\$11,250	\$11,588	\$11,935	\$12,293	\$12,662	80 Fed/20 Local*
4	Transit Branding	\$12,000	\$12,360	\$12,731			80 Fed/20 Local*
5	Rideshare Software		\$60,000				80 Fed/20 Local*
6	Transit Facility - Prel. Planning		\$100,000		\$100,000		80 Fed/20 Local
7	Park and Ride Study	\$50,000					80 Fed/20 State
	Subtotal	\$275,750	\$258,623	\$231,581	\$191,516	\$224,261	
TOTAL EXPENSES		\$992,650	\$916,530	\$910,861	\$891,174	\$944,909	
* City may receive 50 percent reimbursement towards its local match from the Nebraska Public Transportation Assistance Program through NDOT.							
3. Intercity Bus Service Planning and Marketing in Year 1; Operations/Vehicles - Illustrative Plan							
7. Park and Ride Study complete w/ Intercity Bus Service Planning							



Illustrative Plan

NEW CHANGES

1. Build from Fiscally Constrained Plan
2. New Brand – name, image, logo
3. Vanpool Program
4. Rideshare Program
5. Planning Studies
6. **Flexible Route Service**
7. **Intercity Bus Service – 2 routes**



6. Flexible Route Service



- 2 routes – 60 min headways
 - 3/4-mile deviations with reservation
- Urbanized area demand response service

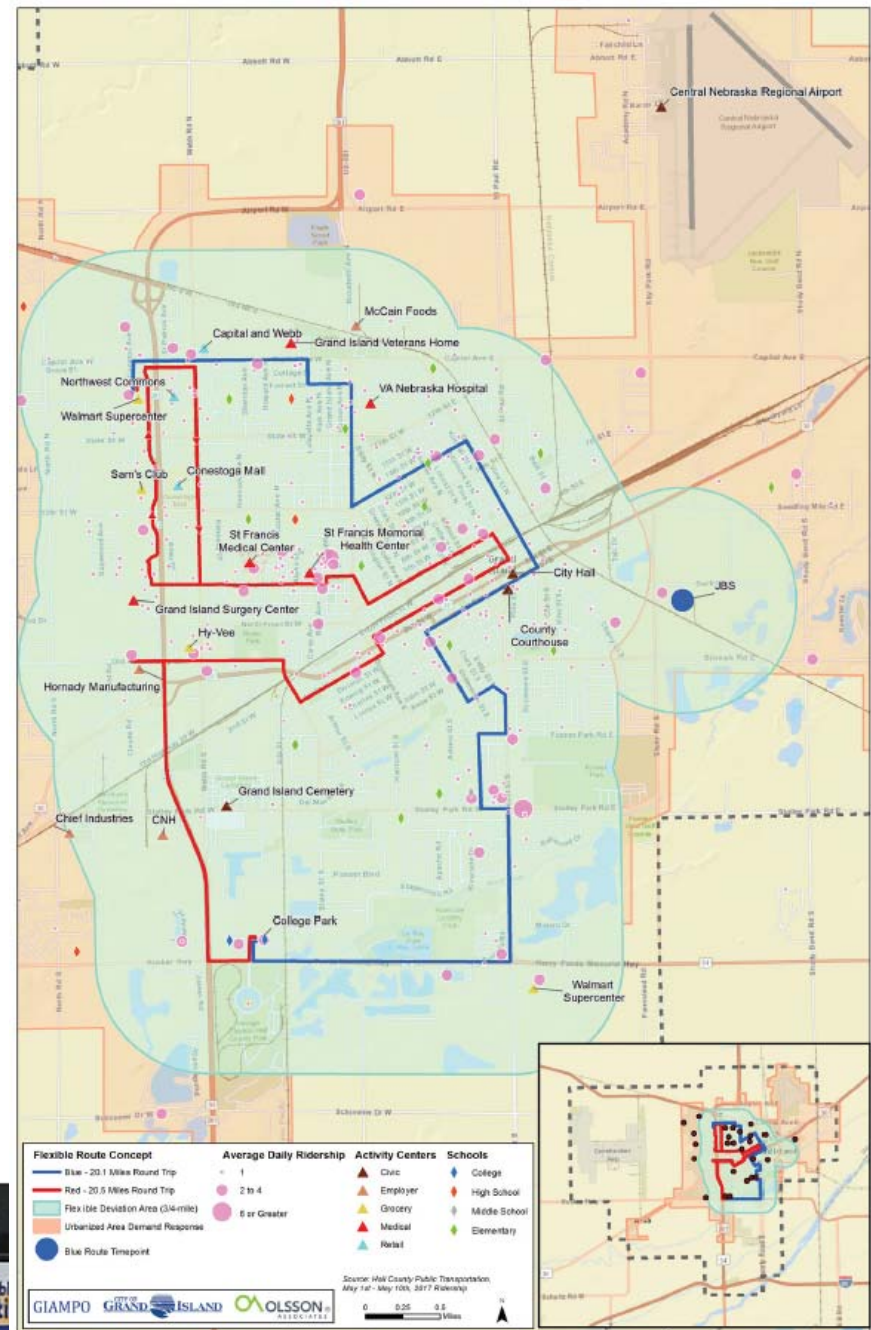
	Today	Flexible Route Service
Service Days	M-F	M-F
Hours	6a-5p	6a-630p
Peak Vehicles	7	6
Annual Rev Hrs.	14,377	19,125
Annual Oper. Cost	\$490,000	\$682,549
Local Oper. Share	\$193,377	\$334,449
Ridership	35,000	102,000
Cost per Trip	\$14.10	\$6.69

	Operating	Capital (7 Veh)	Capital (Other)	Total Costs
Federal	\$348,100	\$392,000	\$481,200	\$1,221,300
State	\$-	\$-	\$-	\$-
Local	\$334,449	\$98,000	\$120,300	\$552,749
Total	\$682,549	\$490,000	\$601,500	\$1,774,049



Flexible Route Map

- 2 routes – 60 min headways
 - ¾-mile deviations with reservation
- Operations Plan
- Infrastructure Changes
- Implementation Plan



Illustrative Plan

NEW CHANGES

7. Implementation of **Intercity Bus Service**

- To/from Grand Island and Kearney
- To/from Grand Island and Hastings

- **Capital Plan**

- **Implementation Plan**



Illustrative Plan - Expenses

	Year	1	2	3	4	5	Notes
Expenses							
Admin/Operating							Funding % Breakouts
1	Admin Management	\$92,400	\$95,172	\$98,027	\$100,968	\$103,997	80 Fed/20 Local*
2	Service Contract - Existing	\$500,000	\$515,000	\$530,450	\$546,364	-/-	50 Fed/50 Local*
3	Intercity Bus/Planning Operations	\$100,000	\$126,500	\$130,295	\$134,204	\$138,230	80 Fed/20 State; Operations - 50 Fed/50 State
4	Vanpool Service Marketing	-/-	\$10,000	\$10,300	\$10,609	\$10,927	50 Fed/50 Local*
5	Rideshare Ann fees/ Marketing	-/-	\$12,500	\$12,875	\$13,261	\$13,659	50 Fed/50 Local *
6	Flexible Route Operations	-/-	-/-	-/-	-/-	\$682,549	50 Fed/50 Local*
7	Service Contract - Rural	\$24,500	\$25,235	\$25,992	\$26,772	\$27,575	50 Fed/25 State/25 Local
	Subtotal	\$716,900	\$784,407	\$807,939	\$832,177	\$976,937	
Capital							
1	City Transit Vehicles (2@ \$65k each)	\$130,000	-/-	\$130,000	-/-	-/-	80 Fed/20 Local
2	Prev. Maintenance	\$72,500	\$74,675	\$76,915	\$79,223	\$81,599	80 Fed/20 Local*
3	Vehicle Equipment	\$11,250	\$11,588	\$11,935	\$12,293	\$12,662	80 Fed/20 Local*
4	Transit Branding	\$12,000	\$12,360	\$12,731	-/-	-/-	80 Fed/20 Local*
5	Intercity Bus Service - Vehicles (3 @ \$70k)/ Marketing	\$210,000	\$10,000	\$10,000	\$10,000	\$10,000	80 Fed/10 State/10 Local
6	Rideshare Software	-/-	\$60,000	-/-	-/-	-/-	80 Fed/20 Local*
7	Transit Facility - Prel. Planning	-/-	\$100,000	-/-	\$100,000	-/-	80 Fed/20 Local
8	Park and Ride Study	\$50,000	-/-	-/-	-/-	-/-	80 Fed/20 State
9	Flexible Route Operations Plan	-/-	-/-	-/-	\$150,000	-/-	80 Fed/20 Local
10	Flexible Route Vehicles(3 @ \$70k)	-/-	-/-	-/-	\$210,000	-/-	80 Fed/20 Local
11	Flexible Route Infrastructure	-/-	-/-	-/-	\$601,500	-/-	80 Fed/20 Local
12	Flexible Route Implementation	-/-	-/-	-/-	-/-	\$100,000	80 Fed/20 Local
	Subtotal	\$485,750	\$268,623	\$241,581	\$1,163,016	\$204,261	
	TOTAL EXPENSES	\$1,202,650	\$1,053,030	\$1,049,520	\$1,995,193	\$1,181,199	

* City may receive 50 percent reimbursement towards its local match from the Nebraska Public Transportation Assistance Program through NDOT.



Implementation Plan

		2018	2019
Initial Implementation Steps			
1	Research Rideshare software program options and develop RFP for purchasing the Rideshare software for implementation.		
2	Implement Rideshare software and coordinate with software developer staff to design software infrastructure relative to local and regional needs.		
3	Coordinate with Enterprise Vanpool program representative and establishments such as JBS and Veterans Home.		
4	Finalize contract with vendor and rollout of Enterprise Vanpool program.		
5	Develop general marketing plan for community outreach and awareness for transit services.		
6	Continue coordination with NDOT on the Intercity Bus Service Plan.		
7	Coordinate with NDOT to develop RFP for Intercity Bus Service Operations Plan and Park and Ride Study.		
8	Coordinate with local agencies and establishments to fund the local match for the vehicles and other capital improvements for Intercity Bus Service.		
9	Develop Bid for service contract of transit operations.		
10	Develop RFP for transit facility preliminary planning.		



Next Steps

1. Public Open House Meeting

- Thursday, November 9, 2017
- 5p-7p – Grand Island Public Library



2. Public Comment Period – 10/31-11/15/2017

3. TAC Meeting – 12/11/2017

- Approval of Final Summary Report (optional – depends on extent of revisions to Draft Report in response to public comments)

4. GIAMPO Policy Board – 12/12/2017

- Approval of Final Summary Report

Regional Transit Needs Assessment and Feasibility Study

November 2017



Thank YOU!!

Corinne Donahue, AICP



www.grand-island.com/GIAMPO

