



The Metropolitan Airports Commission



Brian Ryks
Executive Director and CEO



Minneapolis - Saint Paul
INTERNATIONAL AIRPORT
msp
going your way

Metropolitan Airports Commission

- Public corporation created by Minnesota Legislature in 1943
- Owns and operates airports within 35 miles of downtown St. Paul and Minneapolis
- Policy set by 15 commissioners
- The chairperson is appointed by the governor. Mayors of Minneapolis and St. Paul each appoint a representative.



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MAC Commissioners

The MAC Commission Structure

- 15 Commissioners
- 15 Members

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MAC Staff

- 600-person staff
- Operates much like a city, with its own:
 - Police
 - Fire
 - 9-1-1 dispatch
 - Building inspection
 - Planning
 - Maintenance Department



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MAC Vision:

Providing your best airport experience



MAC Mission:

Connecting you to your world



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Sample Accolades

2016

- **Top 10 World Airport and Best in U.S., Skytrax**
- **Best Innovative Consumer Experience Concept, Best New Retail Concept and 2nd Best New Local Concept, ACI-NA**
- **Environmental Leader Project of the Year, Environmental Leader Project Awards**

2015

- **Sustainable Infrastructure Award, Airports Going Green**
- **Technology and Innovation Award, MNDOT Office of Environmental Stewardship**
- **Certificate of Honorary Recognition, Minneapolis Advisory Committee on People with Disabilities**
- **Wellness by Design Award, Hennepin County**

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Aviation: Built on Partnerships



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Airport Business Model

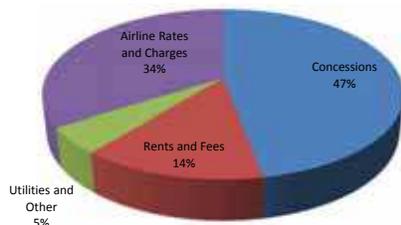
- Airport authority builds shared infrastructure: terminals, airfield, ground transportation facilities and roadways
- Tenants generally build private infrastructure: FBOs, offices, stores, restaurants, etc.
- Airport operational and capital costs funded by rents and fees paid by airport users



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MAC Finances

2016 Budgeted Operating Revenues



2016 Budgeted Operating Expenses



Projected 2016 Operating Revenue: \$330.4 Million
 Less Projected 2016 Operating Expense: (\$173.7 Million)
 Less Non-Operating Revenue/Expense Total: (\$97.4 Million)
 Equals **Net Revenue of \$59.2 Million** to reinvest in airport system



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Cost Per Enplaned Passenger

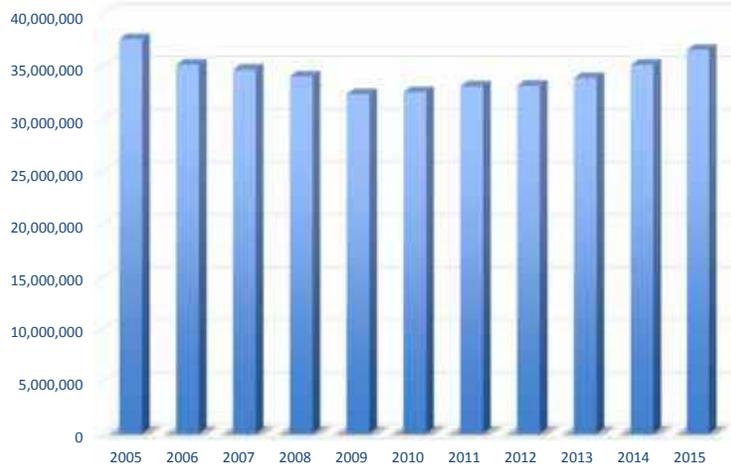
Airport	Forecast 2016(\$)
Newark	30.14
John F. Kennedy-New York	25.94
Washington-Dulles	24.43
Miami	20.44
La Guardia-New York	18.87
Los Angeles	16.89
San Francisco	16.78
Chicago O'Hare	15.80
Boston	14.94
Philadelphia	14.74
Denver	13.64
Washington-Reagan	13.61
Las Vegas	12.07
Seattle	11.43
Detroit	10.60
Portland	10.50
San Diego	10.49
Dallas-Fort Worth	10.32
Houston-Bush Intercontinental	10.18
Baltimore	9.82
Minneapolis-St. Paul	6.53
Phoenix	6.15
Orlando	5.58
Atlanta	5.37
Tampa	5.02
Fort Lauderdale-Hollywood	4.81
Salt Lake City	4.03
Charlotte-Douglas	1.58
Average	12.53

Airline costs per boarding passenger are significantly less at MSP than at most large hub airports

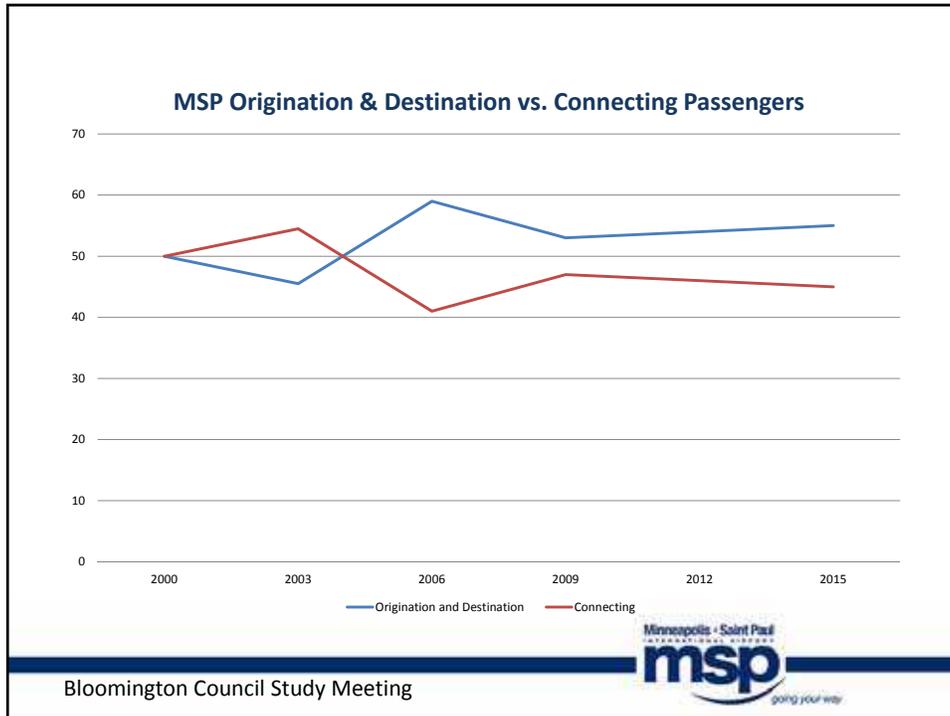


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MSP Passengers



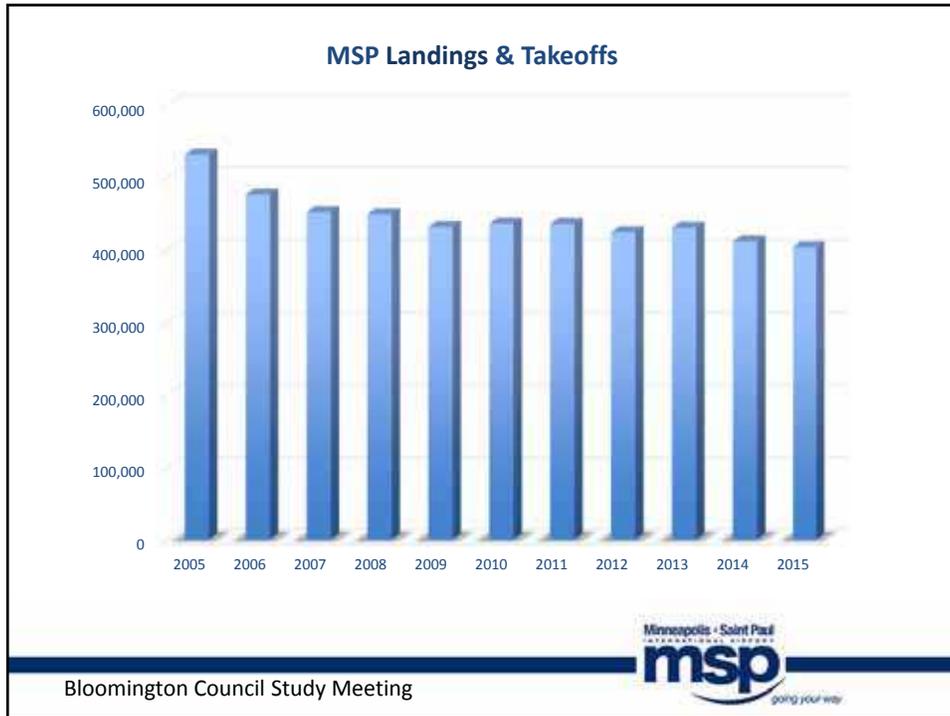
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Rank	Airport	2015 Passengers
1	Atlanta, GA (ATL)	101,491,106
2	Chicago, IL (ORD)	76,949,504
3	Los Angeles, CA (LAX)	74,937,004
4	Dallas-Fort Worth, TX (DFW)	64,074,762
5	New York, NY (JFK)	56,827,154
6	Denver, CO (DEN)	54,014,502
7	San Francisco, CA (SFO)	50,057,887
8	Las Vegas, NV (LAS)	45,443,900
9	Charlotte, NC (CLT)	44,876,627
10	Miami, FL (MIA)	44,350,247
11	Phoenix, AZ (PHX)	44,003,840
12	Houston, TX (IAH)	43,023,224
13	Seattle, WA (SEA)	42,340,537
14	Orlando, FL (MCO)	38,727,749
15	Newark, NJ (EWR)	37,494,704
16	Minneapolis-St. Paul (MSP)	36,582,854
17	Boston, MA (BOS)	33,515,905
18	Detroit, MI (DTW)	33,440,112
19	Philadelphia, PA (PHL)	31,444,403
20	New York, NY (LGA)	28,437,668


 going your way

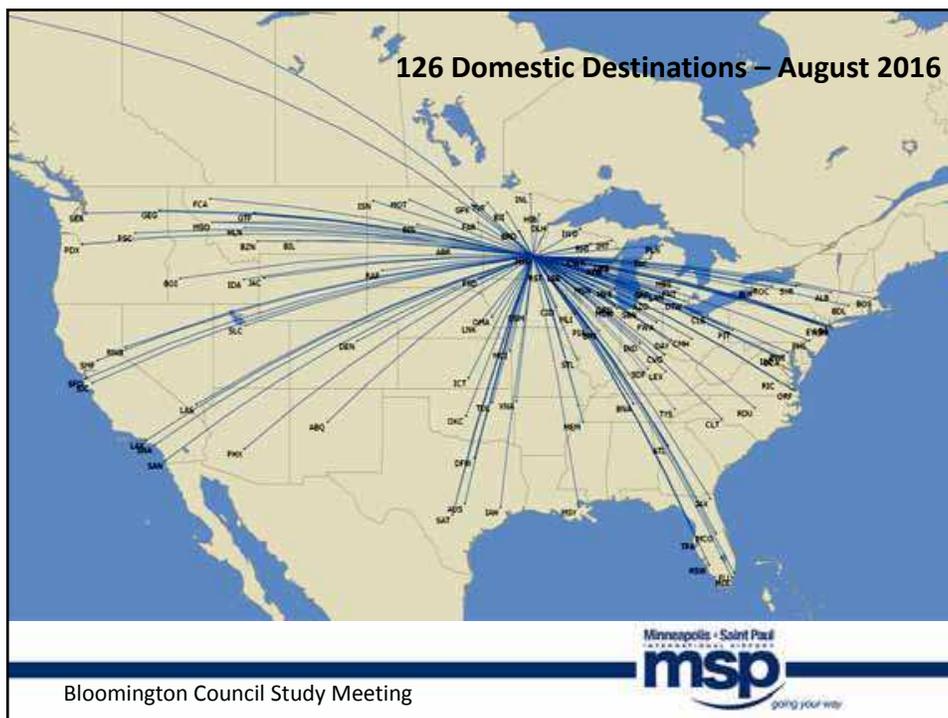
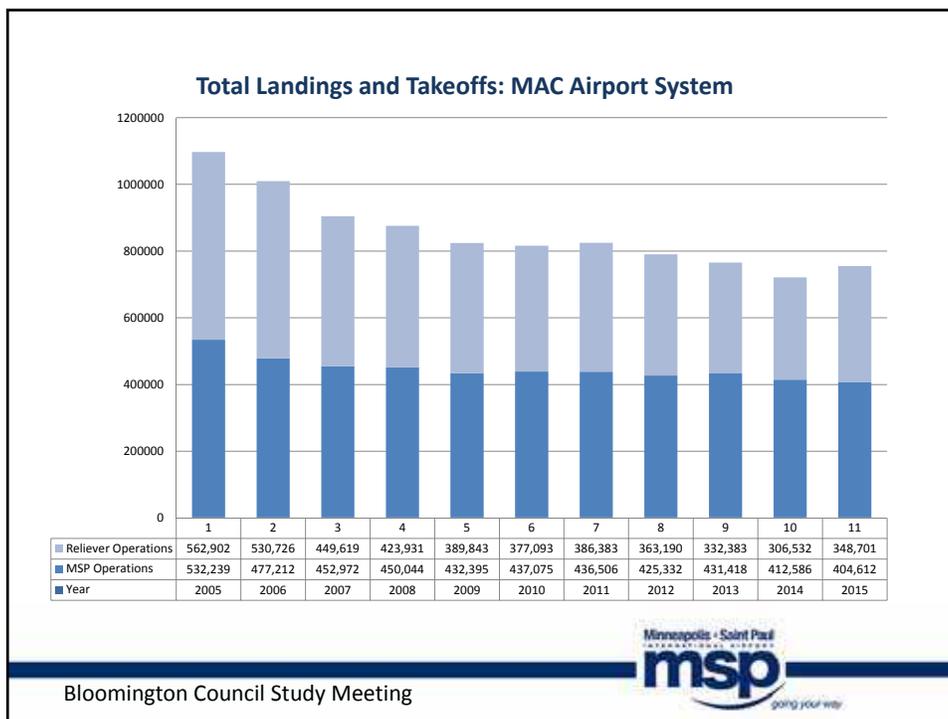
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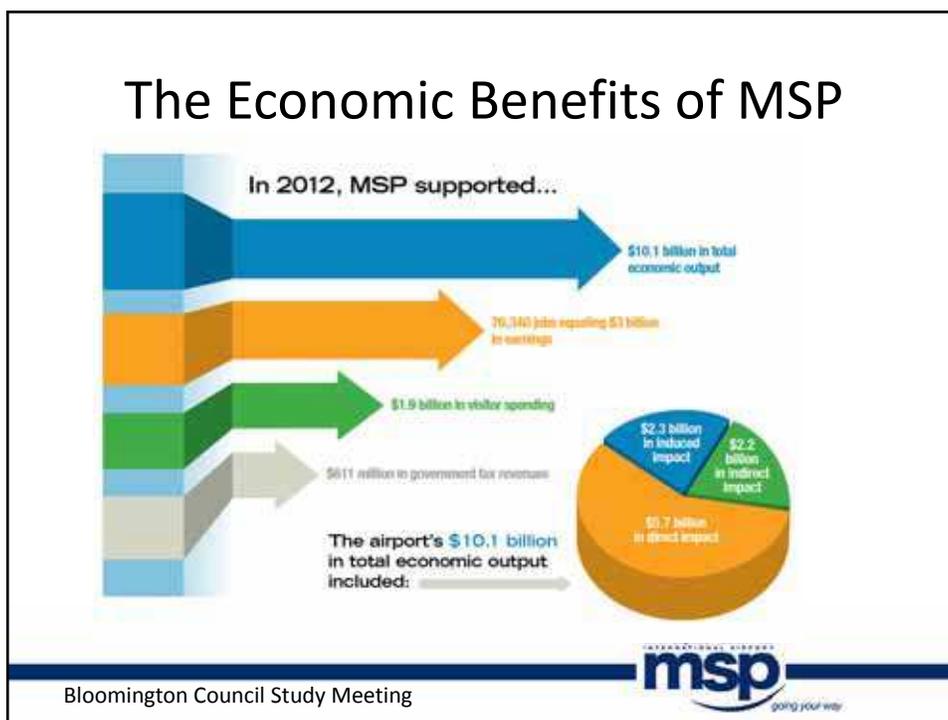
Rank	Airport	2015 Operations
1	Atlanta, GA (ATL)	882,497
2	Chicago, IL (ORD)	875,136
3	Dallas-Fort Worth, TX (DFW)	681,261
4	Los Angeles, CA (LAX)	655,564
5	Charlotte, NC (CLT)	543,944
6	Denver, CO (DEN)	541,213
7	Las Vegas, NV (LAS)	530,330
8	Houston, TX (IAH)	502,844
9	Phoenix, AZ (PHX)	440,411
10	New York, NY (JFK)	438,897
11	San Francisco, CA (SFO)	429,815
12	Newark, NJ (EWR)	415,534
13	Miami, FL (MIA)	412,915
14	Philadelphia, PA (PHL)	411,368
15	Minneapolis-St. Paul, MN (MSP)	404,612
16	Seattle, WA (SEA)	381,408
17	Detroit, MI (DTW)	379,376
18	Boston, MA (BOS)	372,930
19	Phoenix, AZ (DVT)	369,759
20	New York, NY (LGA)	360,274

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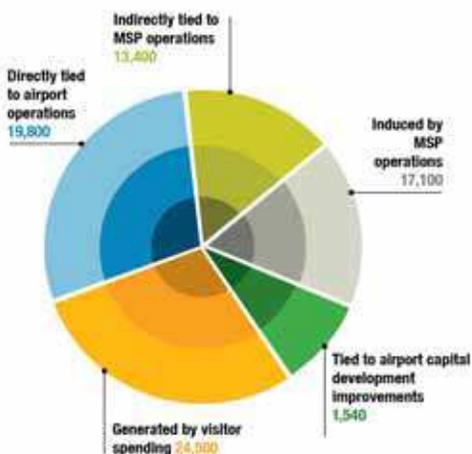








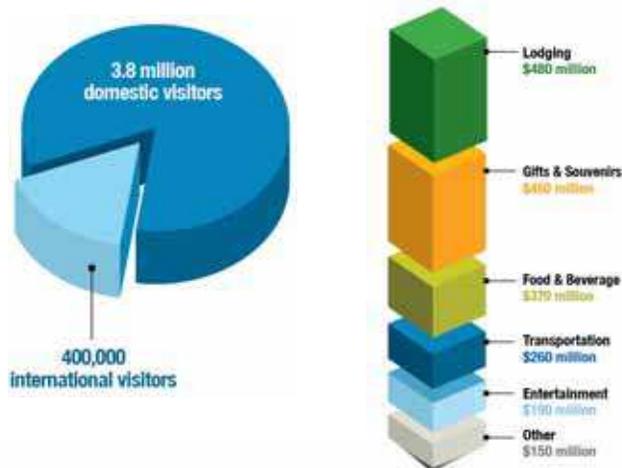
MSP Supports 76,340 Jobs



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\$1.9 Billion in Visitor Spending



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Noise Mitigation

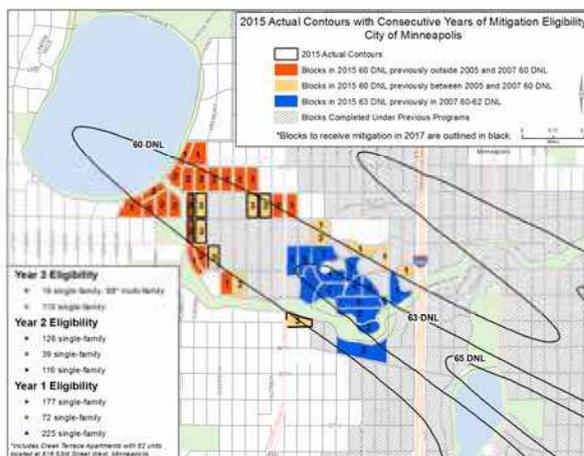
- National leader in noise mitigation
 - Nearly **\$500 million** spent on mitigation
 - Mitigated well beyond federal eligibility standard
 - Acoustically insulated nearly **15,000 homes** and **19 schools** in **six cities**
 - Administer largest airport **noise monitoring** system in the nation
- Noise Oversight Committee: a collaborative approach to noise mitigation
 - Brings together airline and community representatives to analyze impacts and explore mitigation opportunities
 - Engages FAA air traffic control leaders and is staffed by the MAC



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MSP 2015 Noise Contour

- Will insulate **138** more single-family and **88** multi-family homes in 2017, due largely to increase in nighttime operations from 95.3 average daily in 2014 to 106.7 in 2015
- Increased mitigation isolated to Runway 12R arrival lobe due to FAA's increased use of that runway for arrivals



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Approach to Area Navigation

2014 NOC resolution supports RNAV arrivals and optimized profile descents and identifies steps FAA should take before any implementation of RNAV departures from MSP:

- Provide a **case study** of successful RNAV departures implementation at a similar airport, showing how implementation at MSP would build on that successful framework
- Begin process with **FAA outreach** to community representatives to gauge expectations and needed analyses of potential impacts
- Authorize **local air traffic control managers** to lead the communications and analysis effort
- Provide **adequate resources** for community outreach and to address community concerns



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Noise Communication Enhancements

The MAC is taking a number of steps to improve noise-related communications with community leaders and airport neighbors.

- Produced “airport noise 101” brochures to distribute to first time callers about noise issues, providing an overview of how noise is regulated, how runways are used, and roles of MAC, FAA and airlines
- Creating a series of easy-to-understand fact sheets and videos that cities as well as MAC can use to inform citizens
- Developing a plan for enhanced noise communications based on:
 - External assessment of current noise communication program
 - Phone survey of 800 residents in noise-impacted areas around MSP to gauge most effective communication methods
 - Feedback from opinion leaders regarding noise-related public meetings



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Recent MSP Improvements

- Expanded Terminal 1 international arrivals area
- New Terminal 2 auto rental facilities
- 3-megawatt solar energy generation facility
- Quick Ride Ramp at Terminal 1
- Aircraft viewing area
- First of 50 new food and retail venues



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More Changes on the Way

300-room Intercontinental Hotel, spa and conference facility developed by Graves Hospitality

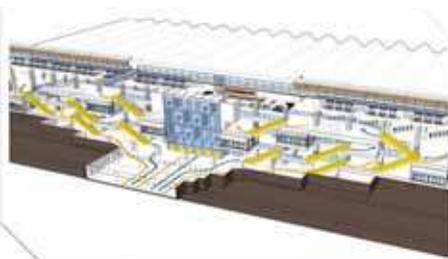


Four new gates at Terminal 2



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Airline Check-in and Bag Claim



Changes will make vertical circulation more intuitive so people can move easily between the terminal, parking and ground transportation, with less congestion.

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Parking and Roadways



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Thank You!

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