#### March 30, 2016



### MGO 3.14 Review

City Engineering Robert Phillips, P.E. City Engineer

Traffic Engineering & Parking David Dryer, P.E. City Traffic Engineer & Parking



Rob Phillips, P.E. rphillips@cityofmadison.com

David Dryer, P.E. CAPP ddryer@cityofmadison.com

## CE & TE

#### Are...

- 1. Frontline service delivery agencies—two of the City's core Public Works agencies
- 2. We are considered essential emergency agencies
- 3. TE is largely a maintenance agency, everything that is necessary to operate the surface transportation system
- 4. CE is the construction arm of the City
- 5. TE is one component in the design of streets: maintain, replace & upgrade--street lights, traffic signals, pavement markings, signing, parking system management etc.
- 6. CE design/builds roadway surface, sewer and water, horiz & vertical geometry
- 7. With our partners in Planning & Metro we plan, design and build your public works projects.



### TE/Parking maintains and operates?

#### Emergency and PW Communications

911 Equip. Signing and marking of Bike Paths 300+ Traffic Signals Safety studies Safety Projects **RP3** Permits **Bicycle Operations Pavement Markings** Data collection/analysis Access Mgt Neighborhood Plan/Design Fiber Optic Networks **Traffic Control** Permits 1400 parking meters Reconstruction Mad Metro School Zones ITS components Parking Ramps Work Zones Traffic Cameras Pedestrian operations Plan and Development Review **Traffic Calming** Roundabouts 13,000+ Street Lights 60,00+ Signs **Radio Towers** Site design Special events ....and much more.

## Who is TE and Parking?

• 132 Employees

•11 Engineers





• 121 Field, Maintenance & Support Employees



# How is TE funded?

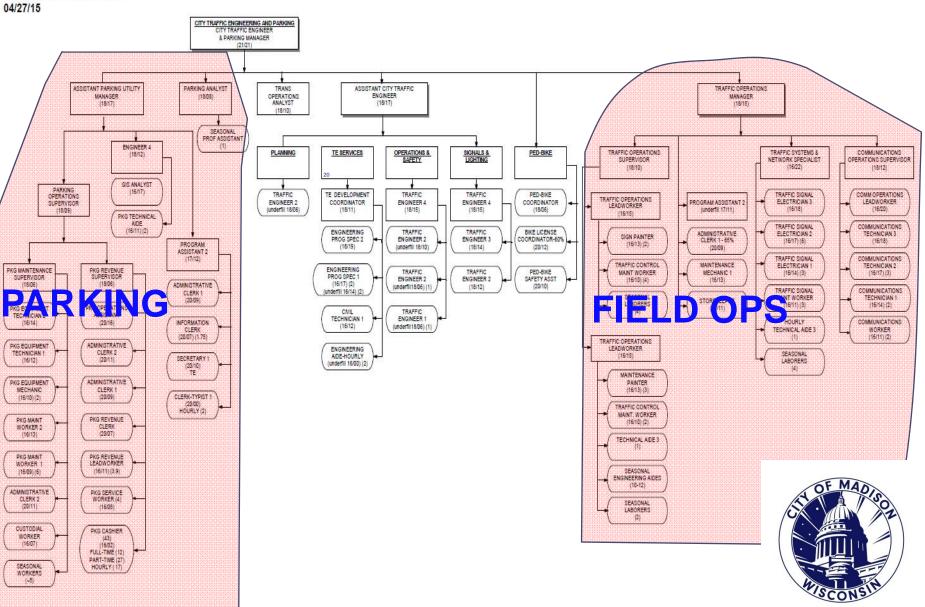


Communications
 Bike/Ped
 Pavement Markings
 Special Services
 Electrical and Signals



### \$5,655,264 2016 Op Budget

#### TRAFFIC ENGINEERING AND PARKING UTILITY ORGANIZATIONAL CHART 04/27/15



# How is TE/Parking organized?

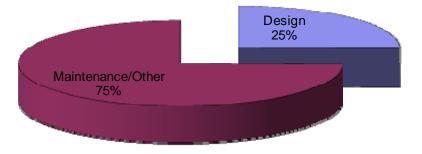
## **Eight Sections:**

- Administration
- Parking
- Communications
- Electrical
- Field Operations and Maintenance
- Operations and Safety
- Ped/Bike
- Planning and Design



## How are we organized?







## CE maintains and operates?

Design new streets Design Storm Sewers and Sanitary Sewers. Clean out Sanitary Sewers Maintain greenways and ponds **Erosion Control Transportation Improvement Program** Design bike paths Inspect construction Asset management Emergency response Adopt a median program **Bid Public Works Projects** Median Landscaping Permits **Closed landfills** Street Reconstruction Sewer Capacity Studies Land Surveys Sewer Capacity Studies Rain gardens **City Addressing** Utility Permits Plan and Development Review **Repair sidewalks** Winter maintenance of bike paths **Board of Public Works** Design City Facilities **Televise sewers** Brownfields assessment Maintain City Official Map Provide custodial services ....and much more.

## **City Engineering Sections**

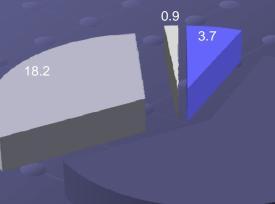
•Street, Bridges, Bike Paths and Sidewalks Mapping and GIS •Environmental and Closed Landfills Storm and Sanitary Sewer Design •City Facilities and Sustainability Construction •Operations





34.4

## How is CE funded?



Engineering
Sewer
Storm
Landfill



### \$57.2 M 2016 Op Budget

# Streets Bridges Bike Paths and Sidewalks Section -•Programming Coordination Public Involvement Civil Engineering Assembly of Plans and Specifications



Mapping and GIS Section Surveys
Determining existing right of way
Acquisition of new right of way
Official Map



### •Environmental and closed landfills Section -

Contaminated soils in right of ways



## •Storm and Sanitary Design Section -

•Permitting

•Pavement drainage

Storm water management

Pollution reduction

Infiltration

Detention

Median landscaping contracts

Adopt a median program



Construction SectionPrequification of contractors
Bidding
Construction inspection (along with other departments)
Construction oversight



### •Operations Section-

Maintenance of pavement drainage (storm sewer, detention ponds, etc)
Plowing of certain Bike Paths
Snow removal at certain bus stops and sidewalks
Maintenance of landscaping (certain areas)



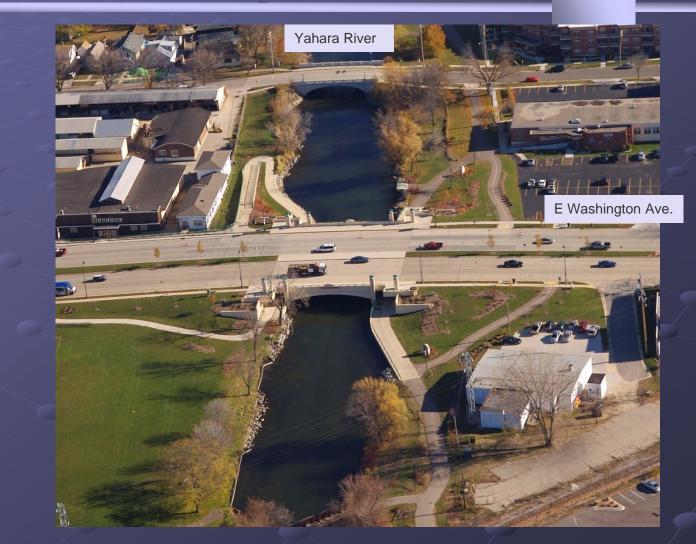


The vision for the City of Madison is to be a safe and healthy place to live, work learn and play....



Implement transportation programs and projects that enhance mobility and our neighborhoods.







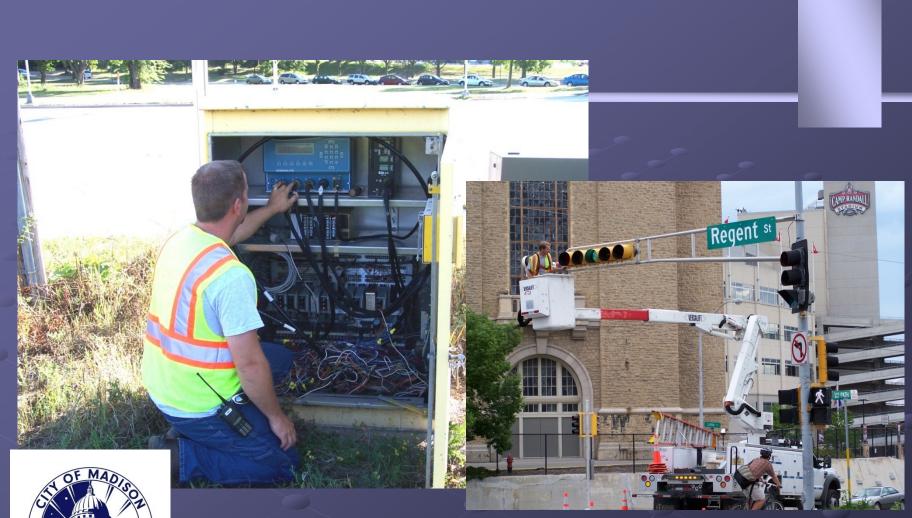
**Quality Solutions and Projects are** accomplished by: •Programming Agency Collaboration Neighborhood Involvement Quality Design Innovation



# Transportation Programs that shape our City











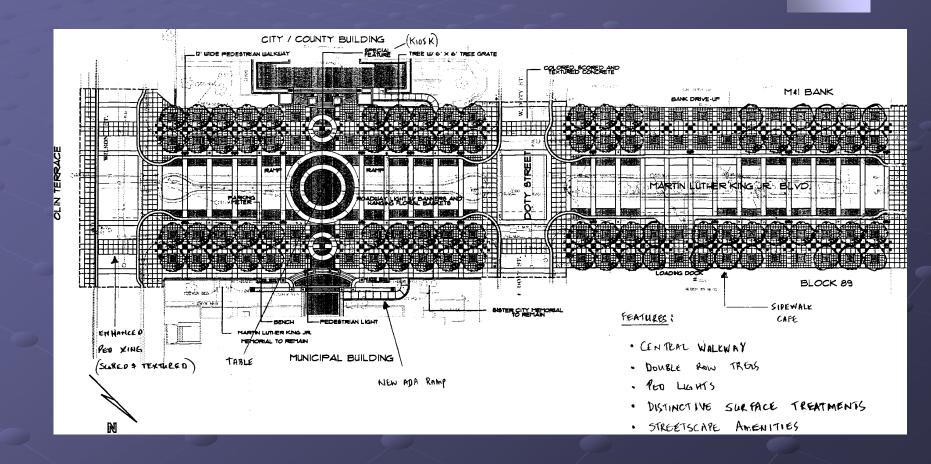




### Regent St at West High



# Street Reconstruction MLK Jr. Blvd



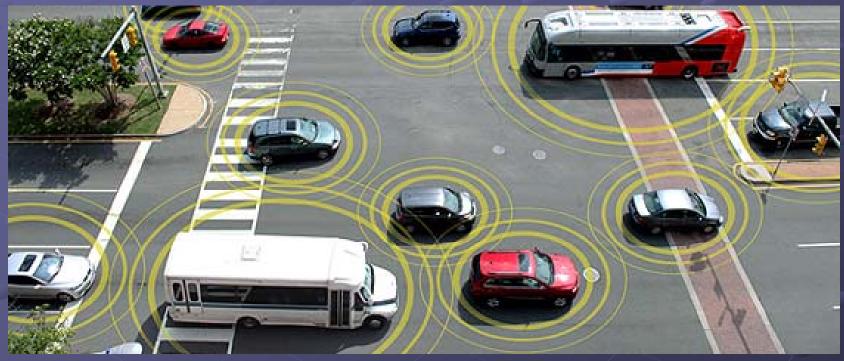
# Street Monitoring & Operation







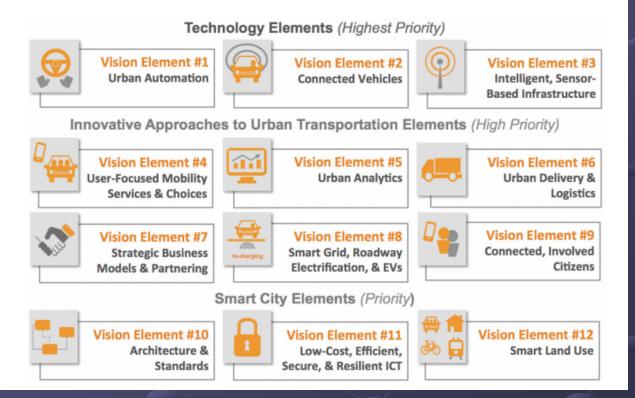
### Vehicle 2 Vehicle Communications (V2V)



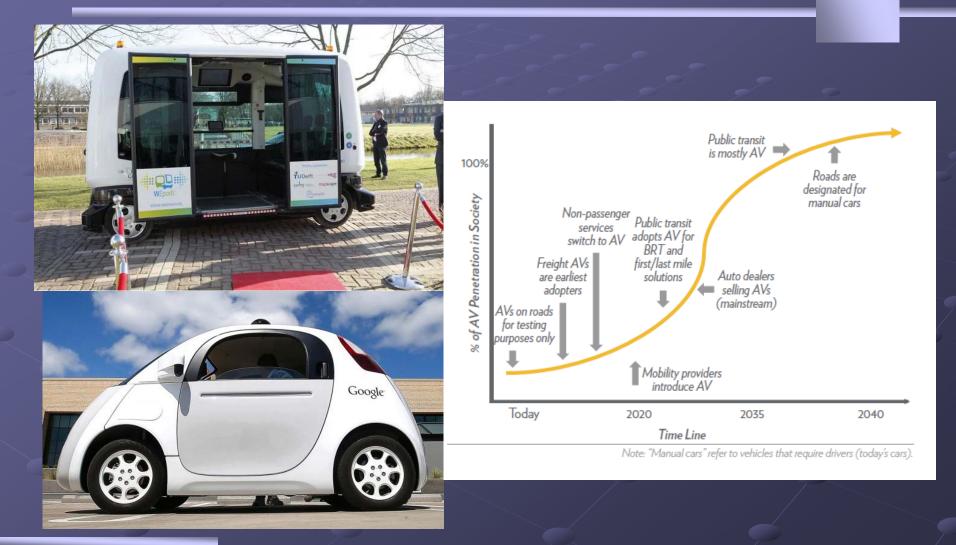
**Dedicated Short Range Communications** 

#### **USDOT's Visionfor a Smart City**

To assist cities, the USDOT identified 12 vision elements that are intended to provide a framework for applicants to consider in the development of a city's proposed demonstration without making each item a requirement for award.



Vehicle 2 Vehicle Communications (V2V)



# **Traffic Calming**

### Improve Livability









Source:Capital Newspapers













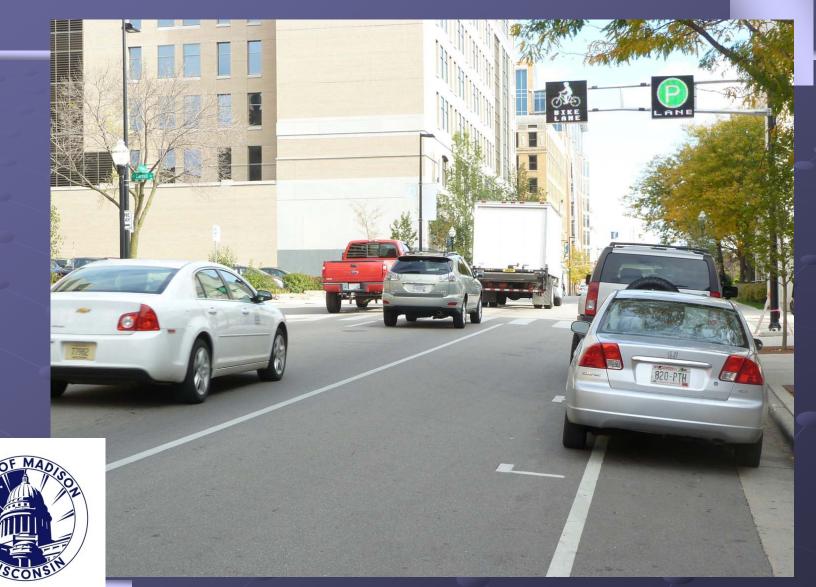








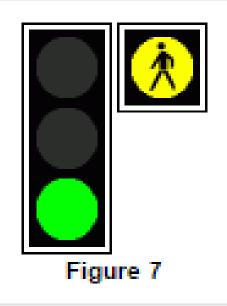






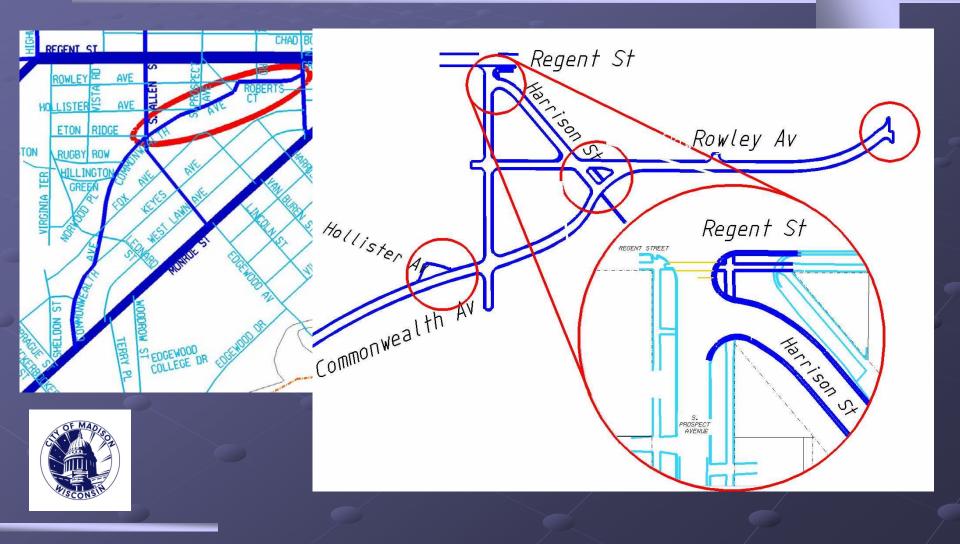






#### German pedestrian warning signal









#### Blair at Mifflin Pedestrian Hybrid Beacon Mifflin Street bicyclist & pedestrian signals













### Pedestrian/Bike

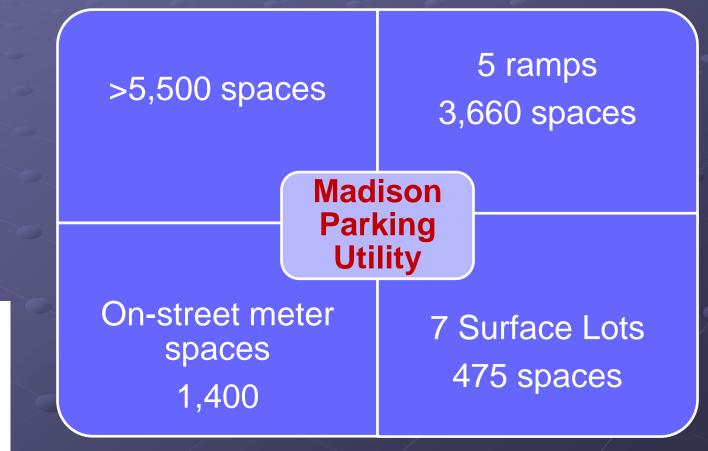








# Parking

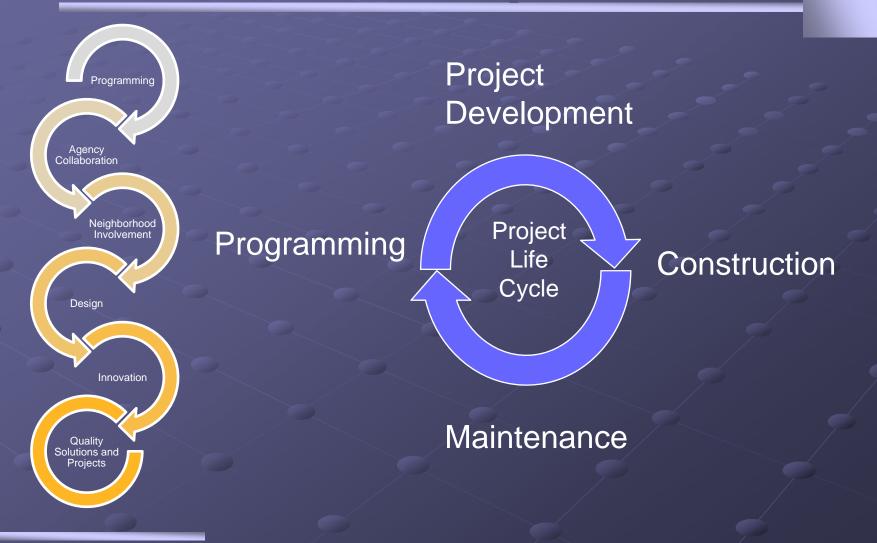




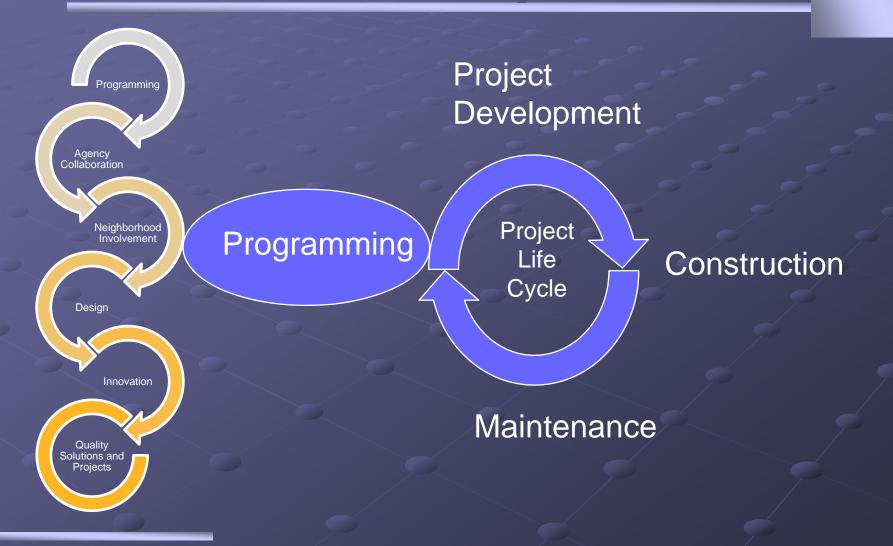
# Public Pass. Vehicles

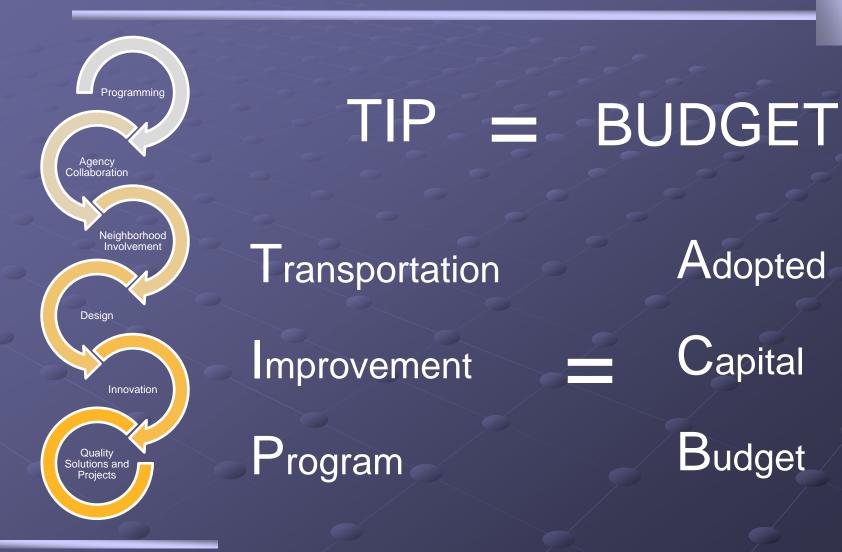


# Transportation Solutions Exceptional Neighborhoods



# Transportation Solutions Exceptional Neighborhoods







Agency Collaboration





Design



Quality Solutions and



### How does a project get into the TIP?

**TRANSPORTATION CORRIDORS:** IMPROVEMENTS TO EAST WASHINGTON AVENUE AND VEHICULAR AND PEDESTRIAN MOVEMENT IMPROVEMENTS

 Enhance pedestrian and bicycle networks that improve the safety and connections to frequently traveled locations.

#### Neighborhood Objectives, Issues, and Strategies

The Carpenter-Hawthorne-Ridgeway-Sycamore-Truax Neighborhood has identified three major public improvements that would enhance the stretch of East Washington Avenue from Highway 30 to North Stoughton Road:

EAST WASHINGTON AVENUE

### **Neighborhood Plans / NRT Recommendation**

neignborhood because it serves as the spine uniting the areas neighborhood associations and provides local gathering and shopping areas for its residents. Public and private investment in the East Washington Avenue corridor, especially those that improve the movement of pedestrians, will enhance the livability of the neighborhood.

#### Neighborhood Goals

✓ Enhance the aesthetics of East Washington Avenue by installing streetscape amenities, approving high design standards for public infrastructure improvements, and encouraging private enterprises to upgrade their properties to showcase this major gateway into Madison.



Map 14: Proposed East Washington-North Stoughton Road diamond interchange

Continue to explore the likelihood of a North Stoughton Road underpass at the intersection of East Washington Avenue and North Stoughton Road. Construction of an underpass would facilitate safe pedestrian crossing at the intersection as well as improve the overall appearance of this six-lane intersection (see Map 14).

### How does a project get into the TIP?

Mineral Point Rd

Mineral P

### **Known Safety Problem**

-

Mineral Point Rd



Programming

Neighborhood Involvement

Agency Collaboration

### How does a project get into the TIP? Programming Agency Collaboration **Facilitate Development** Neighborhood Involvement Design ACC PLAN Innovation Quality Solutions and Projects

Programming

Neighborhood Involvement

Innovation

Agency Collaboration

Design

Quality Solutions and Projects

### How does a project get into the TIP?

### **Traffic Congestion Problem**





### How does a project get into the TIP?

06/04/

57= = 0000 +0071

# Utility failure or utility maintenance problem



# What is the number one reason a project gets into the TIP?







### How does a project get into the TIP?

Neighborhood Plan / NRT Recommendation
Known safety problem
Facilitate Development
Traffic congestion problem
Utility failure or maintenance problem
Pavement Condition



The Draft TIP is brought to various groups for comments

•PBMVC •LRTPC

•BPW

Comments are used to finalize TIP

Small Business Advisory Council
BID
CC

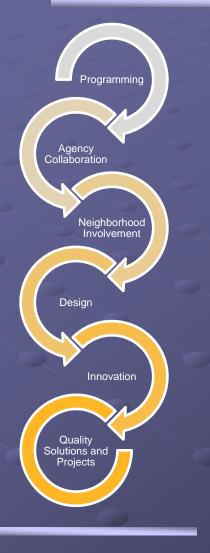


# The TIP is reviewed by other agencies.

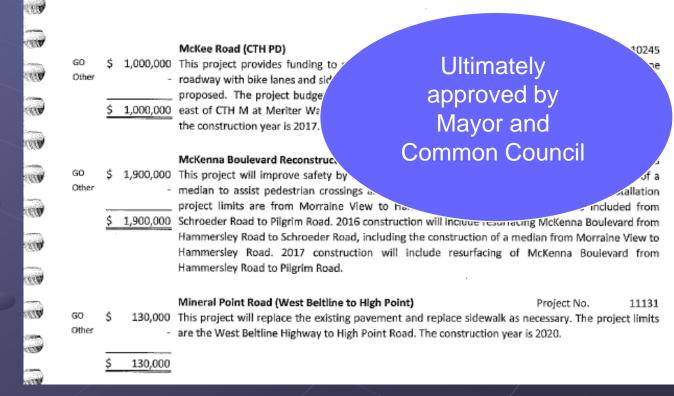
EngineeringTraffic EngineeringPlanning

•Metro

Comments are used to finalize TIP



# The Draft TIP is submitted to Finance in the form of the Capital Budget



### 2016 Major Street Budget

### 24 Projects and Programs

### \$33.3 Million

Project Name	Executive
1 Anderson Street (Wright to Stoughton)	-
2 Atwood Ave (Fair Oaks to Cottage Grove)	217,500
3 Atwood Avenue (Schenks Corners)	-
4 Atwood Avenue (Utility Underground)	-
5 Bridge Repair	50,000
6 Buckeye Rd Improvements	165,000
7 Capitol Square Pavement Replacement	1,695,000
8 City View Drive	2,760,000
9 Cottage Grove Road	530,000
10 CTH M (CTH PD Area)	3,000,000
11 CTH M (Midtown Road Area)	3,000,000
12 Darbo Webb Connection	-
13 Gammon Road, North	-
14 Gammon Road, South	-
15 High Point Rd Bridge Over Beltline	1,150,000
16 Jeffy Trail	510,000
17 John Nolen Dr / Blair St Corridor Study	100,000
18 Johnson Street, East Reconstruction (Baldwin)	80,000
19 Johnson Street, East (Undergrounding Utilities)	750,000
20 Martin Luther King Jr Boulevard	-
21 McKee Road (CTH PD)	1,000,000
22 McKenna Boulevard Reconstruction	2,650,000
23 Mineral Point Road (Beltline to High Point)	130,000
24 Mineral Point Road (S Point to Pleasant View)	-
25 Monroe Street	200,000
26 Neighborhood Traffic Management	100,000
27 Outer Capitol Loop Southeast	-
28 Park Street, South (Olin to Railroad)	-
29 Park St, S (W Wash to Olin, RR to Badger)	-
30 Pavement Management	5,959,370
31 Pleasant View Road	200,000
32 Railroad Crossings & Quiet Zones	420,000
33 Reconstruction Streets	2,184,520
34 Royster Clark Development Phase 2	3,770,000
35 Rural To Urban Streets	2,676,925
36 University Ave (Shorewood to Univ Bay)	-
37 Washington Avenue, East Streetscape	-
38 Washington Ave, W (Regent to Bedford)	-
39 Wilson/Williamson St (Franklin to Blount)	-
Total	\$ 33,298,315

#### Agency Name: Engineering - Major Streets

Project	Reauth	2016	2017	2018	2019	2020	2021
1 Anderson Street (Wright to Stoughton)	-	-	-	-		440,000	-
2 Atwood Ave (Fair Oaks to Cottage Grove)	-	217,500	652,500	-	500,000	2,144,000	1,336,000
3 Atwood Avenue (Schenks Corners)	-	-	-	2,420,000	-	-	-
4 Atwood Avenue (Utility Underground)	-	400,000	-	-	-	-	-
5 Bridge Repair	-	50,000	130,000	140,000	150,000	160,000	170,000
6 Buckeye Road	-	165,000	200,000	1,035,000	-	-	-
7 Capitol Square Pavement Replacement	-	1,695,000	1,695,000	-	-	-	-
8 City View Drive	-	2,760,000	-	-	-	-	-
9 Cottage Grove Road	306,000	224,000	1,000,000	2,640,000	-	-	-
10 CTH M (CTH PD Area)	1,500,000	1,500,000	8,300,000	-	-	-	-
11 CTH M (Midtown Road Area)	3,000,000	-	6,400,000	-	-	-	-
12 Darbo Webb Connection	-	-	-	-	780,000	-	-
13 Gammon Road, North	-	-	-	-	-	-	50,000
14 Gammon Road, South	-	-	260,000	2,550,000	-	-	-
15 High Point Road Bridge Over Beltline	-	1,150,000	-	-	-	-	-
16 Jeffy Trail	-	-	510,000	-	-	-	-
17 John Nolen Dr / Blair St Corridor Study	-	100,000	-	-	-	-	-
18 Johnson St, East Reconstruction (Baldwin)	-	80,000	-	200,000	2,185,000	-	-
19 Johnson St, East (Underground Utilities)	-	750,000	750,000	-	-	-	-
20 Martin Luther King Jr Boulevard	-	-	-	-	2,000,000	-	-
21 McKee Road (CTH PD)	-	1,000,000	6,080,000	-	-	-	-
22 McKenna Boulevard Reconstruction	-	1,900,000	750,000	-	-	-	-
23 Mineral Point Rd (Beltline to High Point)	-	130,000	-	-	-	665,000	-
24 Mineral Pt Rd (S Point to Pleasant View)	-	-	270,000	270,000	-	-	-
25 Monroe Street	-	150,000	600,000	10,090,000	-	-	-
26 Neighborhood Traffic Management	-	300,000	310,000	320,000	330,000	340,000	350,000
27 Outer Capitol Loop Southeast	-	-	1,770,000	-	-	-	-
28 Park Street, South (Olin to Railroad)	-	-	-	300,000	-	3,005,000	-
29 Park St, S (W Wash to Olin, RR to Badger)	-	-	-	-	3,090,000	-	-
30 Pavement Management	700,000	5,259,370	6,375,000	11,025,000	11,325,000	11,625,000	11,925,000
31 Pleasant View Road	88,000	112,000	200,000	785,000	1,060,000	-	-
32 Railroad Crossings & Quiet Zones	18,000	402,000	1,200,000	1,020,000	130,000	140,000	150,000
33 Reconstruction Streets	600,000	1,584,520	2,815,000	4,815,000	4,815,000	4,815,000	4,815,000
34 Royster Clark Development Phase 2	2,658,000	1,112,000	-	-	-	-	-
35 Rural To Urban Streets	-	4,026,925	4,400,000	4,600,000	4,800,000	5,000,000	5,200,000
36 University Ave (Shorewood to Univ Bay)	-	-	270,000	270,000	-	-	-
37 Washington Avenue, East Streetscape	-	-	-	-	-	-	200,000
38 Washington Ave, W (Regent to Bedford)	-	-	-	1,950,000	-	-	-
39 Wilson/Williamson St (Franklin to Blount)	-	-	-	1,650,000	-	-	-

Major Streets Through 2021

\$ 8,870,000 \$ 25,068,315 \$ 44,937,500 \$ 46,080,000 \$ 31,165,000 \$ 28,334,000 \$ 24,196,000

2016 Pedestrian and Bike Capital Budget

12 Projects

\$7.4 M

Agency Name: Engineering - Bicycle and Pedestrian

Project Name	Executive
1 Bike Station	1,000,000
2 Bikeways Program	680,000
3 Cannonball Path	-
4 Capital City Trail	520,000
5 Goodman Path	490,000
6 Ice Age Junction	470,000
7 Ped/Bike Enhancements	210,000
8 Safe Routes to School	83,000
9 Safe Routes Grants Program	150,000
10 Sidewalk Program	2,685,000
11 State Street 700/800 Blocks	500,000
12 West Towne Path	590,000
13 Whitney Way Bike Crossing	25,000
Total	\$ 7,403,000

# Ped / Bike through 2021

2016 Capital Budget Capital Improvement Program

#### Agency Name: Engineering - Bicycle and Pedestrian

Project	Reauth	2016	2017	2018	2019	2020	2021
1 Bike Station	-	1,000,000	-	-	-	-	-
2 Bikeways Program	129,000	551,000	779,000	751,000	630,000	670,000	703,000
3 Cannonball Path	-	-	-	-	-	990,000	-
4 Capital City Trail	100,000	420,000	1,090,000	130,000	360,000	770,000	-
5 Goodman Path	-	490,000	350,000	560,000	-	-	-
6 Ice Age Junction	470,000	-	2,900,000	1,660,000	300,000	-	-
7 Ped/Bike Enhancements	-	210,000	216,000	222,000	229,000	230,000	243,000
8 Safe Routes to School	-	83,000	87,000	91,000	96,000	101,000	106,000
9 Safe Routes Grants Program	-	150,000	150,000	150,000	150,000	150,000	150,000
10 Sidewalk Program	-	2,685,000	2,316,000	2,432,000	2,554,000	2,682,000	2,816,000
11 State Street 700/800 Blocks	500,000	-	-	-	-	-	-
12 West Towne Path	-	590,000	1,580,000	2,620,000	1,400,000	-	-
13 Whitney Way Bike Crossing	-	25,000	-	-	-	-	
Total	\$ 1,199,000	\$ 6,204,000	\$ 9,468,000	\$ 8,616,000	\$ 5,719,000	\$ 5,593,000	\$ 4,018,000



The TIP is separately approved by the Madison Area Transportation Planning

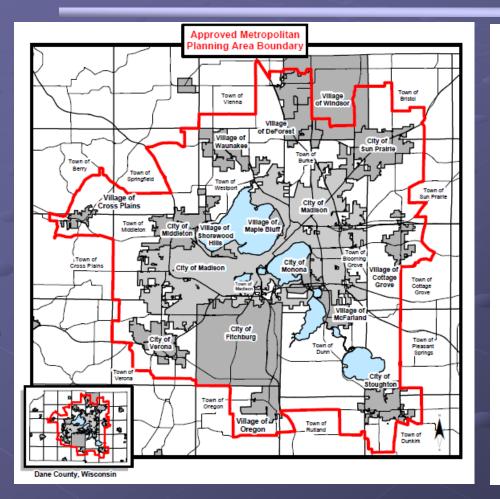


2016-2020 Transportation Improvement Progradion Metropolitan Area & Dane Could

The Planning Board is the Federally designated Metropolitan Planning Organization (MPO)

Madison Area Transportation Planning Board A Metropolitan Planning Organization (MPO)

## Programming – MPO AREA



Currently consists of:

- Cities of Madison, Fitchburg, Middleton, Monona, Stoughton, Sun Prairie, and Verona.
- Villages of Cottage Grove, Cross Plains, DeForest, Maple Bluff, McFarland, Oregon, Shorewood Hills, Waunakee, and Windsor.
- Towns of Blooming Grove, Burke, Dunn, Madison, Middleton, Westport, and a portion of the Towns of Berry, Bristol, Cottage Grove, Cross Plains, Dunkirk, Oregon, Pleasant Springs, Rutland, Springfield, Sun Prairie, Verona, and Vienna.



# Who determines what projects and programs Federal Funds are used on?

### Programming

Programming

Neighborhood Involvement

Innovation

Agency Collaboration

Design

Quality Solutions and Projects





2016-2020 Transportation Improvement Progr

The MPO Federal Funds are provided to the Madison Area by formula

### Programming

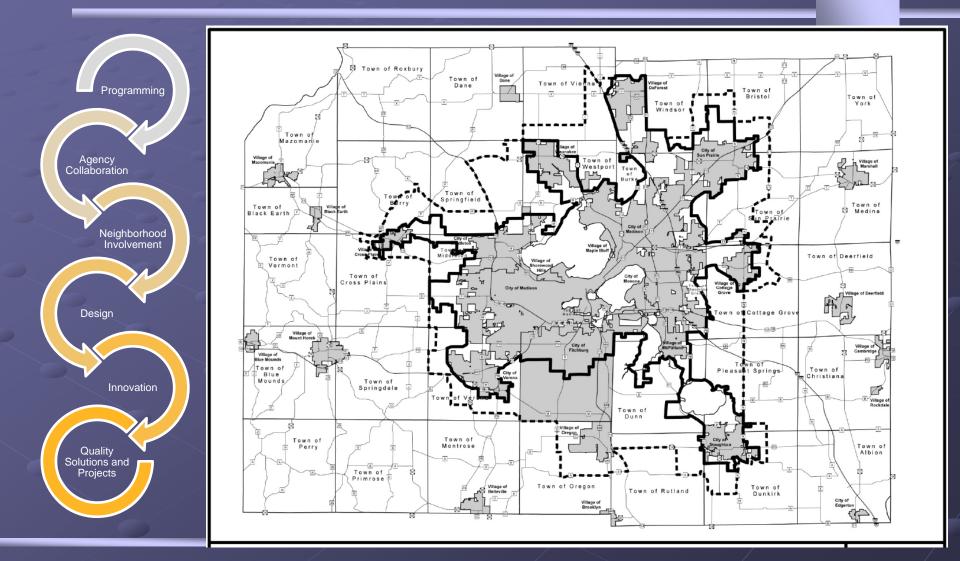


Federal General Transportation Funds ~ \$7 Million per year (STP Urban)

Federal Ped/Bike Funds ~ \$500,000 per year (Transp Alternative Projects)

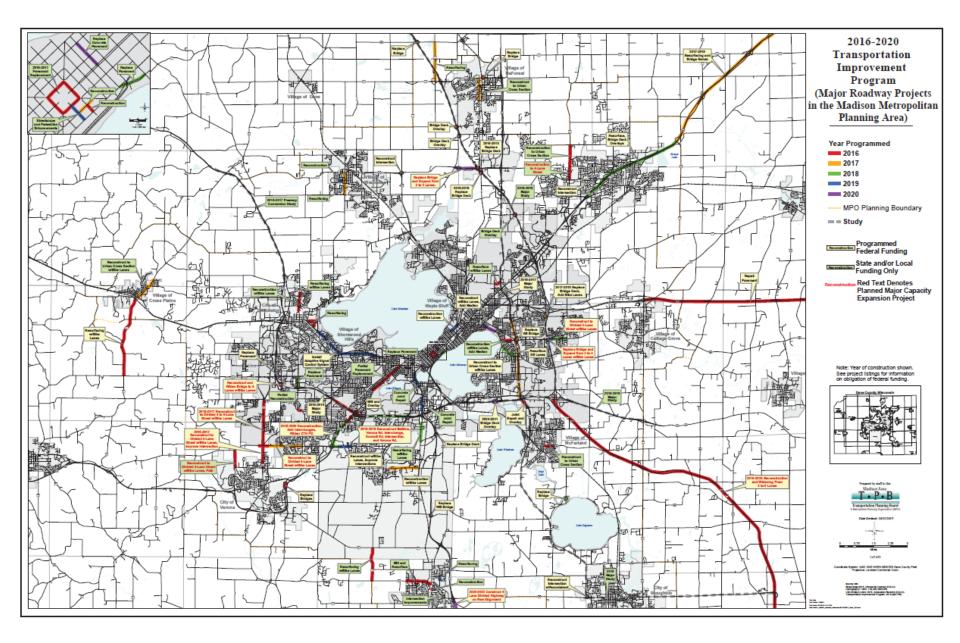
There are other State and Federal Funds used in the Madison Area that are not under control of the MPO but are reflected in the adopted TIP

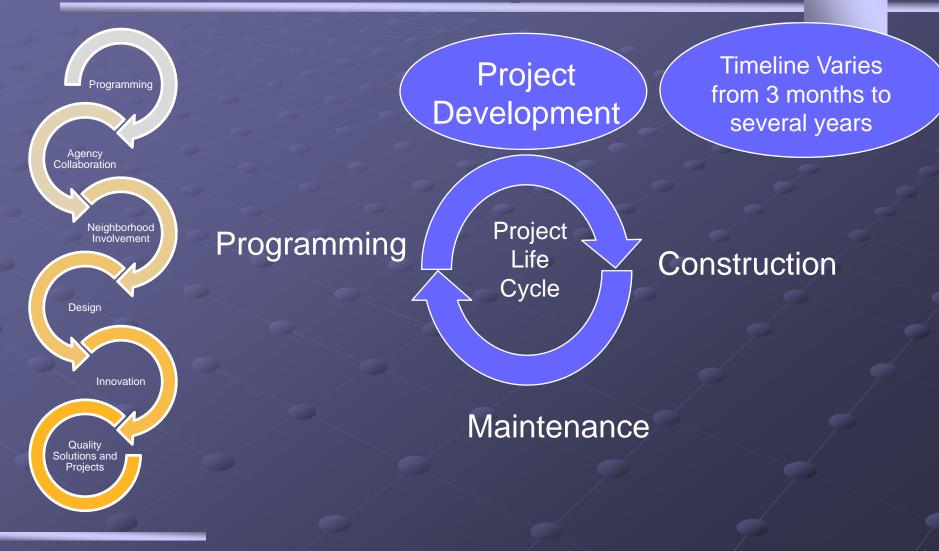
### Programming – MPO Urban Area



2016 - 2020 Madison Area STP Urban Priority Projects

Project	Project ID	Score	Construction/ Project Calendar Year	State Fiscal Year	Total Cost (thousands)	Percent (Fed \$)	Federal Funds Currently Approved (thousands)	Proposed Federal Funds (thousands)
Approved Priority Projects (2016-2018)								
MPO Rideshare Program	5992-08-20,30-32		2016-2018	2016-2018	\$315	80	\$253	\$253
City of Madison Ped/Bike Safety Education Program	5992-08-29,33-35		2016-2018	2016-2018	\$366	80	\$293	\$293
Metro Transit Bus Replacements (Up to 7)	5992-10-00		2016-2017	2016-2017	\$3,690	50	\$1,845	\$1,845
YWCA JobRide Program Van Replacements (6)	5992-10-01		2016	2016	\$90	80	\$72	\$72
CTH M (Cross Country Rd. to 2,500' N of CTH PD) AND	5992-09-82		2016	2017				
CTH M (2,500' N of CTH PD to 1,000 S of Valley View Road)	5992-09-85		2016	2017	\$35,800	50	\$14,700	\$17,451
McKee Rd./CTH PD (Meriter Way to Maple Grove Rd.)	5992-09-31		2017	2017	\$13,485	50	\$6,080	\$6,080
Lacy Rd. (City Hall to Syene Rd.)	5849-00-11		2017	2017	\$6,139	50	\$2,000	\$2,854
Buckeye Rd./CTH AB (Monona Dr. to Stoughton Rd./USH 51)	5992-09-41		2018	2018	\$2,130	50	\$920	\$920
								\$29,768
New Priority Projects (2019-2020)								
MPO Rideshare Program	Ongoing	N/A	2019-2020	2019-2020	\$226	80		\$181
City of Madison Ped/Bike Safety Education Program	Ongoing	N/A	2019-2020	2019-2020	\$200	80		\$160
E. Johnson St. (Baldwin St. to First St.) Phase 2	5992-09-14	73	2019	2019	\$4,370	60		\$2,622
University Ave. (Allen/CTH Q to Univ Bay) Adaptive Signal System	New	64	2018	2019	\$456	70		\$317
McKee Rd./CTH PD (Commerce Park Dr to Seminole Hwy.)	New	63	2019	2020	\$5,809	60		\$3,485
Mineral Point Rd. (USH 12 to High Point Rd.)	New	61	2020	2020	\$1,330	60		\$798
Atwood Ave. (Fair Oaks Ave. to Walter St.) Phase 1	New	60	2020	2020	\$5,360	60		\$3,216
Cottage Grove Rd/CTH BB (North Star Dr to Sprecher Rd)	5992-09-26	56	2018	2019	\$5,750	60		\$3,450
								\$14,229
Candidate Future Projects (2021-2022)								
Pleasant View Rd. (USH 14 to Greenway Blvd.) Phase 1	New	61	2021	2021	\$17,120	60		
Atwood Ave. (Walter St. to Cottage Grove Rd.) Phase 2	New	60	2021	2022	\$3,432	60		
Mineral Point Rd./CTH S (Pleasant View Rd. to Veritas Dr.)	New	59			\$5,360	60		
Hoepker Rd. (USH 51 to I-39/90)	New	54			\$2,000	60		
Sprecher Rd. (Milwaukee St. to CTH T)	New	48			\$3,320	60		
Troy Dr. RR Bridge & Street Imp. (Marcy Rd. to School Rd.)	New	36			\$4,640	60		





### Project Development Agency Collaboration



# Project Development Agency Collaboration

Programming Agency Collaboration Neighborhood Involvement Design Innovation Quality Solutions and Projects

TE / CE monthly Pedestrian and Bike Coordination Meetings. TE / CE Monthly Roadways Project Coordination Meetings

TE / Metro monthly Coordination Meetings.

Regular project collaboration on issues such as traffic modeling, lighting, signals, signing, parking, street trees, Bikes/Ped, Metro & traffic control.

City Planners assigned to assist designers

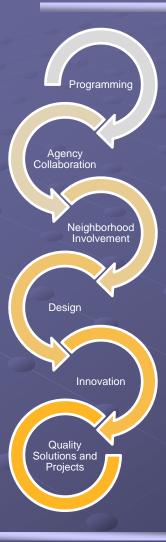
Detailed involvement with Metro for transit facilities.

Sanitary Sewer, Water Main, Storm Sewer, and Private Utilities

### Project Development Neighborhood Involvement



### Project Development Neighborhood Involvement



At least one neighborhood meeting for every street and bike path project. Multiple opportunities for comments on larger projects.

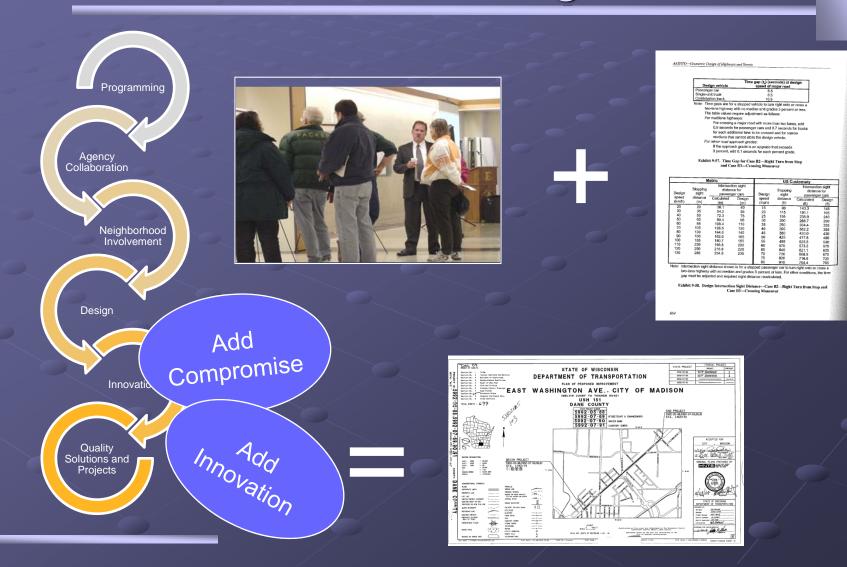
Public involvement plans on complex projects

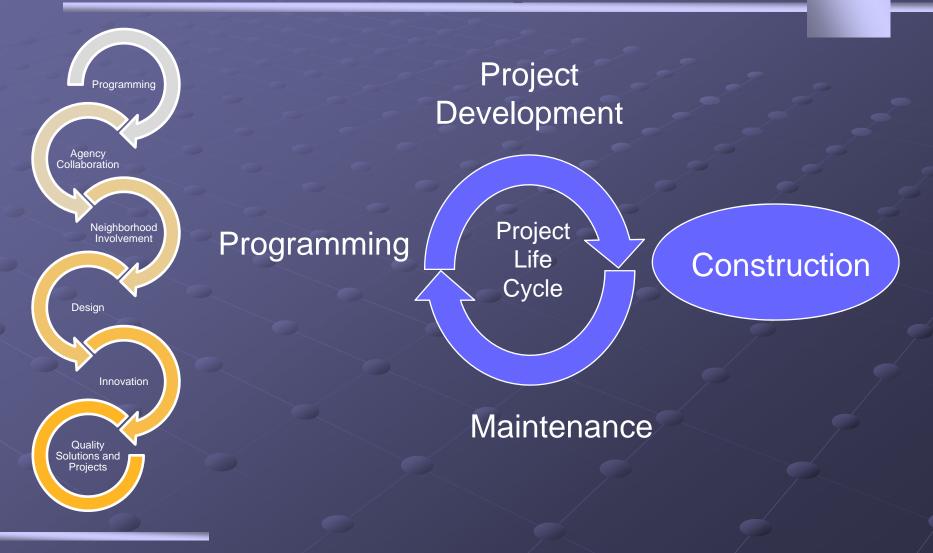
Meeting facilitators on large projects

City team approach, involving Engineering, Traffic Engineering, Planning, Parks, and Metro Transit.

Surveys provide feedback

### Project Development Design

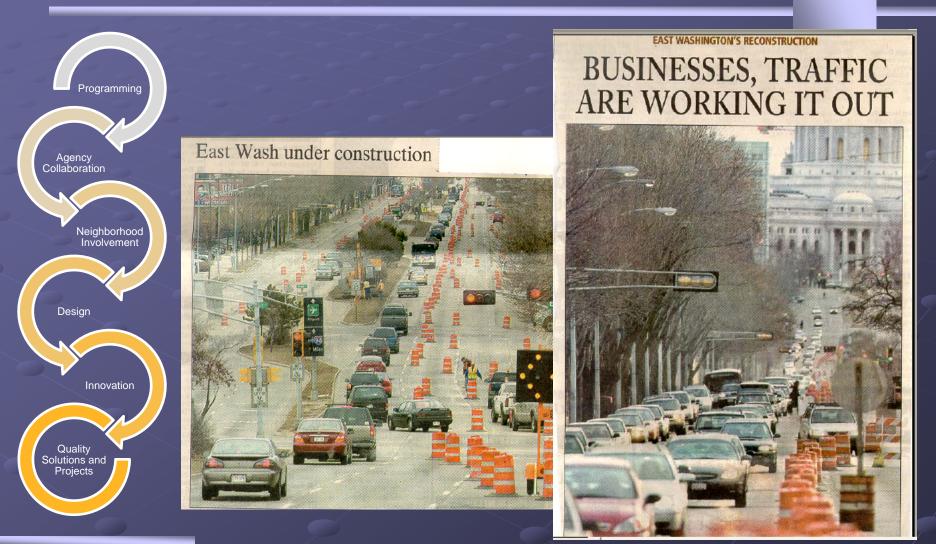


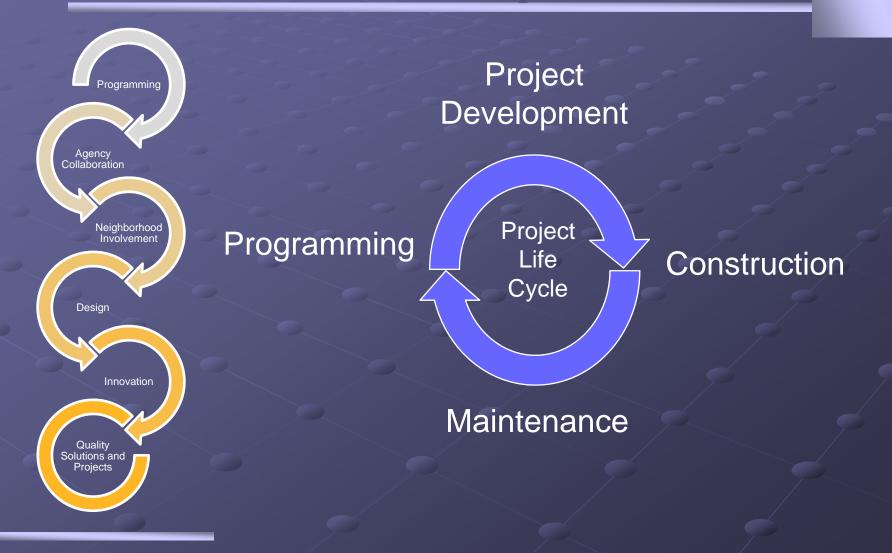


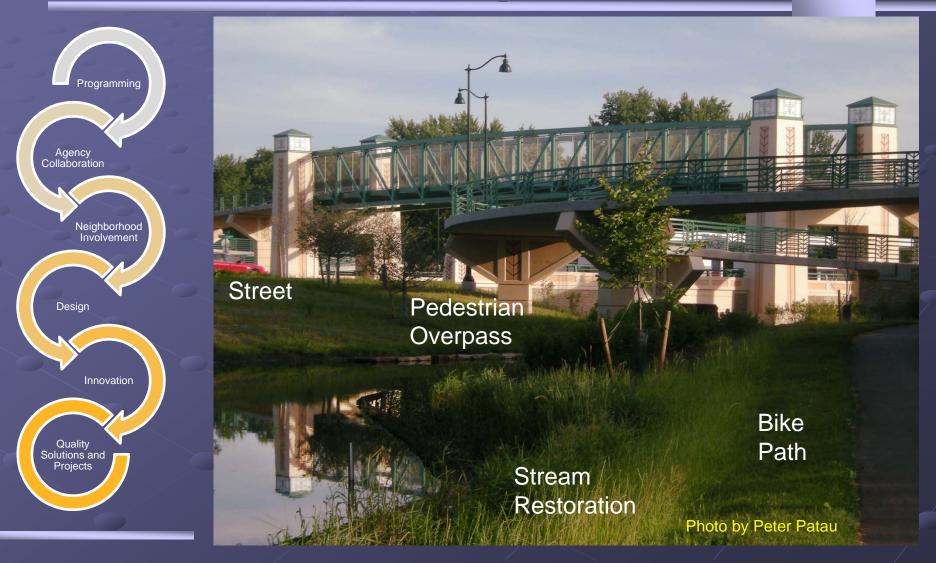
### Project Development Construction

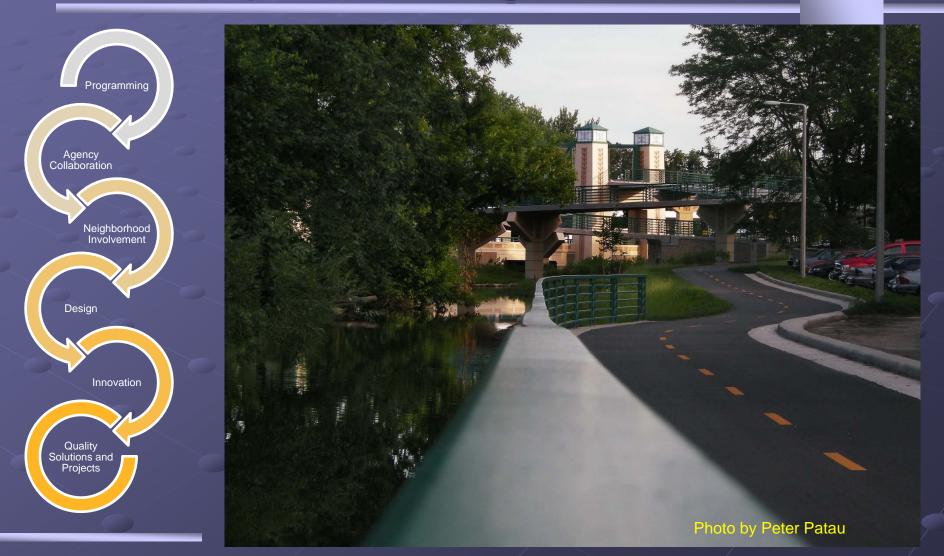


### Project Development Construction



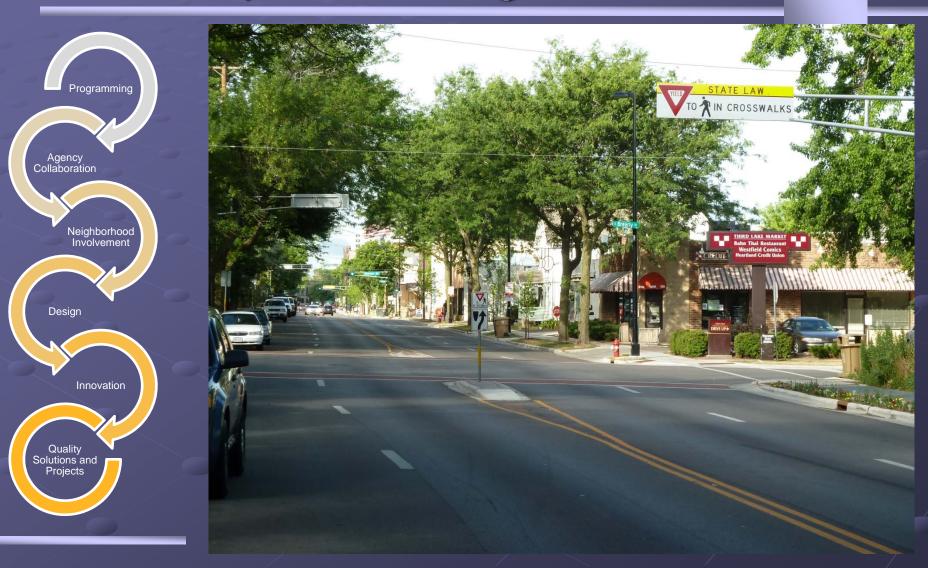












What started in the 1970's as a policy has become the culture of the City

We build balanced transportation projects.





Mode share is accomplished through convenience.

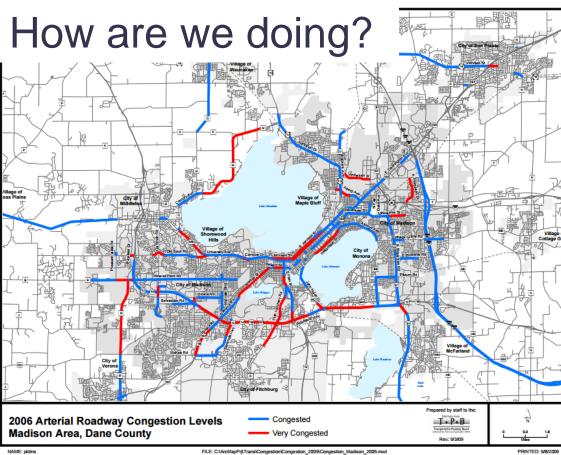


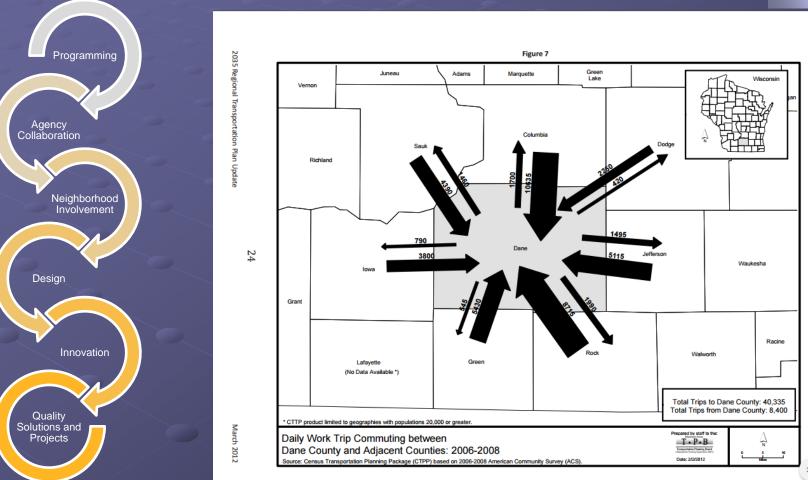
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### How are we doing?

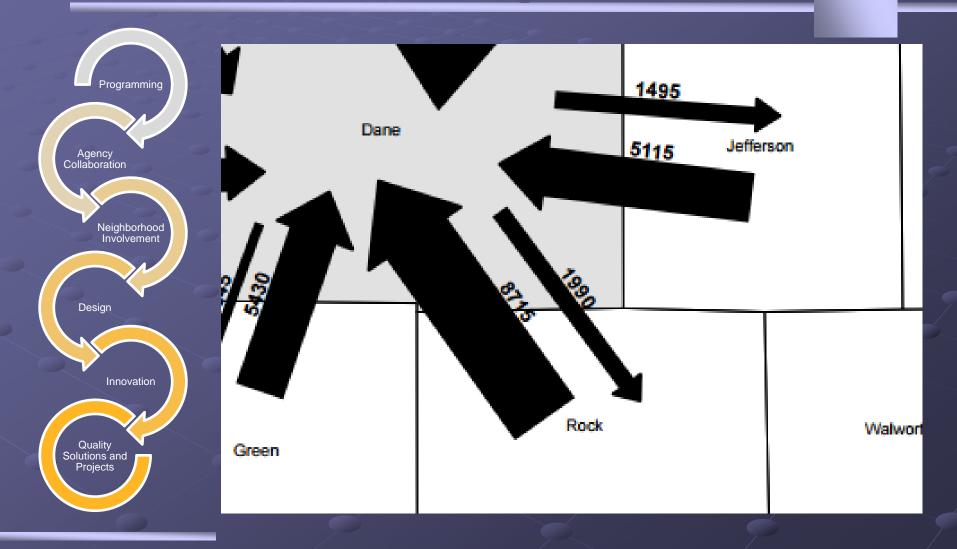
		Arterial, Collector and Local	2001	2010	2011	2012	2013	2014	2015
		% Miles at or below Cond State 10	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
		% Miles at or below Cond State 9	94.5%	97.4%	96.6%	97.1%	98.3%	98.5%	97.7%
		% Miles at or below Cond State 8	87.7%	89.9%	87.3%	89.4%	90.9%	92.2%	93.4%
		% Miles at or below Cond State 7	65.0%	53.2%	48.0%	55.7%	55.6%	68.2%	62.0%
		% Miles at or below Cond State 6	57.2%	37.4%	34.1%	34.6%	33.8%	38.4%	40.7%
al	26%	% Miles at or below Cond State 5	32.1%	25.0%	24.1%	24.0%	24.6%	25.2%	24.6%
		% Miles at or below Cond State 4	9.3%	6.5%	7.7%	9.9%	10.8%	13.9%	14.4%
		% Miles at or below Cond State 3	1.8%	0.7%	0.9%	0.9%	1.0%	3.1%	2.7%
		% Miles at or below Cond State 2	0.7%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
		% Miles at or below Cond State 1	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
		% Miles at or below Cond State 0	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%







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### Dane County had highest population growth in state last year, says Census Bureau

AMANDA FINN afinn@madison.com, 608-252-6139 Mar 24, 2016 🗣 4

Programming

Neighborhood Involvement

Innovation

Agency Collaboration

Design

Quality Solutions and Projects



Wisconsin has had a 1.5 percent population growth rate since 2010.

#### POPULAR IN NEWS

- 1 UW Professor James Baughman getting his day on Saturday, mayor proclaims
- 2 1 killed, 6 injured when limo carrying passengers from Madison area overturns near Chicago
- 3 Man spared prison sentence after shooting at cars on Beltline
- 4 Ted Cruz scores more Wisconsin GOP endorsements; Hillary Clinton arrives next week

Dane County had the highest rate of population growth of any county in Wisconsin in the last year, the U.S. Census Bureau said Thursday.

The county's population rose 1.3 percent between July 1, 2014, and July 1, 2015, the bureau said.



Madison city, Wisconsin

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		2014			2011-2013 3 year average		
		Total	Total Margin of		Total		
						Margin of	
	Subject	Estimate	Error		Estimate	Error	
	Workers 16 years and over	139,244	+/-3,645		134,951	+/-2,031	
	MEANS OF TRANSPORTATION TO WORK						
	Car, truck, or van	69.5%	+/-2.4		71.7%	+/-1.3	
	Drove alone	62.1%	+/-2.6		63.5%	+/-1.4	
	Carpooled	7.4%	+/-1.5		8.3%	+/-0.9	
	In 2-person carpool	5.6%	+/-1.3		6.6%	+/-0.8	
	In 3-person carpool	1.2%	+/-0.5		1.3%	+/-0.3	
	In 4-or-more person carpool	0.7%	+/-0.5		0.4%	+/-0.2	
	Workers per car, truck, or van	1.06	+/-0.01		1.07	+/-0.01	
	Public transportation (excluding taxicab)	10.1%	+/-1.6		9.1%	+/-0.8	
	Walked	10.3%	+/-1.6		9.5%	+/-1.0	
	Bicycle	5.3%	+/-1.0		5.2%	+/-0.7	
	Taxicab, motorcycle, or other means	1.0%	+/-0.4		0.7%	+/-0.2	
	Worked at home	3.9%	+/-0.7		3.8%	+/-0.4	

Source: American Community Survey (ACS)



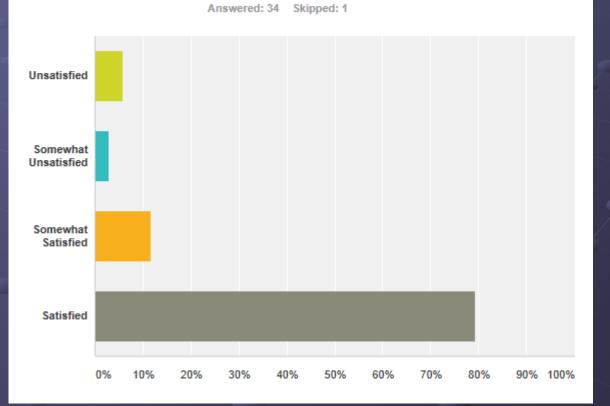


### **Traffic Crashes Before/After**

	Junction Rd-Mineral Pt Intersection	Jug Handle
2011	16	N/A
2012	10	N/A
2013	18	N/A
2014	15	3
2015 (till Nov)	4	5



#### What is your overall satisfaction with the improvements in your neighborhood?



### How are we doing?



MADISON 237395 Residents

Programming

Neighborhood Involvement

Innovation

Agency Collaboration

Design

Quality Solutions and Projects THE LEAGUE OF AMERICAN BIOTOLISTS

Madison one of only 5 Communities Nationwide to be awarded Platinum.

Only City East of the Mississippi River awarded Platinum







