



## TRAFFIC SAFETY ADVISORY COMMITTEE 2007-2008 ANNUAL REPORT

### *Members*

Bend City, Public Works Director—Chair	Nick Arnis (Designee)
Bend City, Citizen Member—Vice Chair	Mark Hyman
Bend City, Community Development	David Knitowski
Bend City, Fire Department	Doug Koellermeier
Bend/LaPine School District	Denice Blake
Bend City, Police Department	Jim Porter
Oregon Department of Transportation	Dan Serpico
Deschutes County Road Department	George Kolb
Citizen Members	Robert Tyler
	Winchell M. Craig, Jr.
	Carolyn Bonner Eagan
	Katharine Miller

## Executive Summary

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### **Purpose of the Traffic Safety Advisory Committee (TSAC)**

The Bend City Council, under Resolution #2221, Adopted in 1996, established TSAC to provide the citizens of Bend with coordinated traffic safety programs and services that will have full public support and participation of City of Bend Departments and provide a unified approach to addressing traffic safety issues.

### **Primary Functions and Duties of TSAC**

The three goals of TSAC are to provide **Engineering, Enforcement** and **Education** activities concerning traffic safety for the public.

Citizen and staff committee members meet once a month to hear concerns from citizens and neighborhood associations, and discuss current and ongoing safety programs. The committee reviews proposed safety project budgets and recommends projects for design and construction.

### **The Annual TSAC Accomplishments FY 2007/2008**

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#### Engineering

#### **Awbrey Road Bicycle & Pedestrian Improvement Project (Roanoke Street to Wilmington Street)**

This arterial - collector street safety project improved the Awbrey road section between Roanoke Street and Wilmington Street with the following safety improvements:

- Constructed a sidewalk connection on the east side of the road
- Extended bike lanes on each side of the street from the north
- Constructed a protected pedestrian crossing at Roanoke Ave.
- Installed painted chevron strips in the roadway to reduce speeds



## 12<sup>th</sup> St. and Union Ave. Traffic Safety Improvement Project

This local street safety project constructed a traffic island to organize vehicle turning movements at this multi-legged intersection to provide safer crossings and reduced vehicle speeds. The neighborhood volunteers landscaped the island creating a pocket park.



## Harmon & Columbia Ave. Traffic Safety Improvement Project

This local street safety project constructed a traffic island to organize vehicle turning movements and reduced vehicle speeds on Harmon and was partially funded by the Old Mill District.



## Traffic Speed Orders

- Speed Order for Newport Avenue  
Wall Street to NW College Way to 25mph  
College Way to Mt. Washington to 35 mph  
Mt. Washington to Park Commons Drive to 45mph
- Speed Order for OB Riley Road  
Highway 20 to 530 feet north of Hardy Rd. to 45mph  
Hardy Rd. to Highway 20 to 35mph
- Speed Order for Parrell Road  
China Hat Road to Brosterhous Road to 25mph

### Enforcement

- DUII Enforcement Grant (ODOT funded)
- Seatbelt Enforcement Grant (ODOT Funded)
- Three Flags Training Conferences held twice a year (Mandatory attendance to be eligible for both of the previously listed grants)
- LED Red Light Enforcement
- Saturation Traffic Patrols enforced by a Multi-Agency Traffic Team (BPD, DCSO, OSP & RPD)
- Speed Watch Program BPD volunteer conducted radar speed surveys
- Hazardous abandoned vehicles cleared by volunteers
- Accessible parking enforced by volunteers
- Citizens Academy taught aspects of law enforcement, including traffic issues
- Presentations and teaching classes to high school and middle school age children regarding traffic safety, bike safety, pedestrian laws, and vehicle laws.
- “Central Oregon Safe Kids” meeting attendance and distribution of bike helmets



Education accomplishments performed by Commute Options:

- Bike Mobile Traveling Safety show



- Safe Routes to School local and statewide committees
- Walking school bus, 4th grade classes Bear Creek Elementary School program



- Bicycle and pedestrian encouragement
- Bike safety education courses in area schools
- Bike rodeos (we are now storing bike rodeo equipment at our office basement)



- Commute Options incentives in schools
- Deschutes County Bicycle and Pedestrian Advisory Committee
- Healthy Active Central Oregon coalition
- Bike and pedestrian planning and design efforts
- Trail, transit and intersection issues
- Bike and pedestrian issues related to transit

## **This Years Expected Accomplishments      FY 2008/2009**

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### **Engineering**

#### **Construction**

- 4<sup>th</sup> St & Studio Rd. – Thurston Ave. Intersection Safety Project  
This arterial - collector safety project realigns Studio Rd to provide a T-intersection with 4<sup>th</sup> St. allowing for safer pedestrian crossings and vehicle turning movements.

#### **Three Local Street Traffic Circle Projects**

- 11<sup>th</sup> St. & Hawthorne Ave. Traffic Circle Project
- 9<sup>th</sup> St. & Lafayette Ave. Traffic Circle Project
- 11<sup>th</sup> St. & Lafayette Ave. Traffic Circle Project  
The traffic circle projects complete a system of traffic calming parallel to Greenwood Ave. to discourage speeding and cut through traffic.

#### **Design Projects**

- Neff Road and Purcell Intersection  
This project was the number one ranked arterial and collector street safety project selected by TSAC. The project was moved into the Capital Improvement Program (CIP) when the cost and scope exceeded the arterial and collector safety program budget.

- Galveston Avenue: 14<sup>th</sup> to 17<sup>th</sup> St. Oregon Department of Transportation (ODOT) Bike and Pedestrian funded grant project  
This arterial - collector safety project adds sidewalks and bike lanes including a pedestrian refuge crossing at 17<sup>th</sup> St. Construction is scheduled for mid summer 2009.
- Greenwood Avenue and 12<sup>th</sup> Street Pedestrian Crossing  
This project improves the crossing geometry and would add marked crosswalk. Project in partnership with ODOT.
- Galveston Avenue: Riverside Blvd. to 14<sup>th</sup> St. Pedestrian Safety Project  
This project would add missing sidewalk and provide accessible curb ramps along the corridor. Project includes pedestrian refuge crossing at Harmon.
- 14<sup>th</sup> Street: Galveston to Commerce Pedestrian Safety Project  
This project would add sidewalk and accessible curb ramps along east side of roadway.
- Local Street Safety Projects (3 Highest Ranked)  
Dagget Lane:  
Traffic calming project to reduce speeds and improve pedestrian safety near Ensworth School and includes traffic circles and marked crossings.  
  
Shepard Road:  
Traffic calming project replaces three worn speed bumps near Stover Park with two traffic circles, one at Thompson and one at Watson.  
  
Tempest Drive:  
Traffic calming project reduces speed and improves pedestrian safety through the installation of a traffic circle at Wildcat and a marked a signed crossing at the Larkspur Trail.

### **Enforcement**

- Pursue DUII Enforcement Grant (ODOT funded)
- Pursue Seatbelt Enforcement Grant (ODOT Funded)
- Attend Three Flags Training Conferences held twice a year (Mandatory attendance to be eligible for both of the previously listed grants)
- Continue Saturation Patrols enforced by a Multi-Agency Traffic Team (BPD, DCSO, OSP & RPD)
- Continue LED Red Light Enforcement
- Continue Speed Watch Program, BPD volunteer conducts radar speed surveys
- Continue Disabled Parking Enforcement by BPD volunteers
- Continue clearing hazardous abandoned vehicles by BPD volunteers
- Community Liaison Officer will work with numerous local groups, such as neighborhood associations, business owners, community groups, etc, to talk about a wide range of issues such as neighborhood watch, traffic enforcement and design to

reduce violations, reducing criminal activity and violations occurring at local establishments etc.

- Community Liaison Officer will work with the media to get Public Service Announcements and press releases for School Zone issues, Seatbelt Enforcement, DBC (Distance Between Cars), LED Red Light Enforcement, Multi-Agency Traffic Team Details, and work with special event sponsors to ensure traffic control and proper permits are in place.
- Continue to offer Citizens Academy teaching numerous aspects of law enforcement, including traffic issues, to community members.
- Traffic Unit will give numerous talks throughout the year to community groups on issues relating to traffic enforcement and why that specifically relates to community safety.
- 3 School Resource Officers will continue to give presentations and teach classes to high school and middle school age children regarding traffic safety, bike safety, pedestrian laws, and vehicle laws.
- Attend Safety Fairs teach spotting suspicious people, collect information for crime reporting, buckle up, don't drink, lock car, bike safety for kids, crossing streets, strangers, etc, including "Safe Kids" where we hand out bike helmets
- Participation in Bike Rodeos at schools teaching bike safety
- Participation in Safe Routes to Schools meetings

### **Education**

- Safe Routes to School:
  - Apply for SRTS grants for education and encouragement grants to continue Bear Creek & Juniper Elementary School SRTS program
  
  - Apply for SRTS grants for education and encouragement grants for new programs at Cascade Middle, Ensworth Elementary, Jewel Elementary and Realms program
  
  - Participate in Safe Routes to School statewide committee
- Continue Bike safety education courses in area schools
- Continue and expand walking school bus program
- Continue Bike Mobile Traveling Safety show
- Continue Bike rodeos
- Continue to coordinate with Healthy Active Central Oregon coalition and Deschutes County Bicycle and Pedestrian Advisory Committee
- Continue and expand Commute Options incentives in schools

## City of Bend Top Crash Intersection Locations

### 2007

Rank	Street	Cross Street	Total
1	NE Neff	NE Purcell	10
2	3rd St. (Hwy 20)	Greenwood Ave.	9
	S 3rd St.	Wilson Ave.	9
	Hwy 97	Pinebrook Blvd.	9
3	Hwy 20 East	Purcell Blvd.	8
4	Hwy 20 (3rd St.)	Olney Ave	7
	NW Greenwood	NW Hill	7
5	Hwy 97	Powers Rd.	6
	Reed Market Rd.	Bond/Brookswood	6
	S 3rd St.	Reed Market Rd	6
	Reed Market Rd.	15th St.	6
	Bond	Colorado	6
	Hwy 97	Robal Road	6
	Brosterhaus/S Div.	3rd St.	6

### 2006

Rank	Street	Cross Street	Total
1	3rd St. (Hwy 20)	Greenwood Ave.	15
2	S 3rd St.	Reed Market Rd	13
3	S 3rd St.	Franklin Ave	12
4	Hwy 20 (3rd St.)	Revere Ave	11
5	Hwy 97	Robal Rd.	10
	Hwy 97	Pinebrook Blvd.	10
	Neff Rd.	27th St.	10
6	Hwy 20 (3rd St.)	OB Riley Rd.	8
	Hwy 20	27th St.	8
	Hwy 20 (3rd St.)	Olney Ave	8
	Colorado Ave	Columbia St.	8
	Hwy 97	Powers Rd.	8
	SE 15th St.	Reed Market Rd	8

### 2005

Rank	Street	Cross Street	Total
1	Hwy 20 (3rd St.)	Butler Mrkt. Rd./Mt.Washington Dr.	13
2	Neff Rd.	Purcell Blvd.	10
3	Hwy 97	Cooley Rd.	9
	Hwy 97	Robal Rd.	9
4	Brookswood Blvd.	Powers Rd.	8
5	3rd St. (Hwy 20)	Greenwood Ave.	7
	Grand Way	27th St.	7
	3rd St.	Wilson Ave.	7
	Hwy 20 (3rd St.)	Revere Ave.	7
6	3rd St.	Burnside Ave.	6

## City of Bend Crash Summaries

### Vehicle, Bicycle and Pedestrians

Year	2007	2006	2005
Fatal Crashes	5	7	2
Injury Crashes	306	359	367
Property Damage Only	455	477	510
Total Crashes	766	843	879
People Killed	5	8	3
People Injured	435	516	514

### Bicycle only

Year	2007	2006	2005
Fatal Crashes	1	0	0
Injury Crashes	14	26	39
Property Damage Only	0	0	1
Total Crashes	15	26	40

### Pedestrian only

Year	2007	2006	2005
Fatal Crashes	1	1	0
Injury Crashes	12	5	10
Property Damage Only	0	0	0
Total Crashes	13	6	10

