



TRAFFIC SAFETY ADVISORY COMMITTEE 2008-2009 ANNUAL REPORT

Members

| | |
|--|------------------------|
| Bend City, Public Works Director—Chair | Nick Arnis (Designee) |
| Bend City, Citizen Member—Vice Chair | Thomas Stump |
| Bend City, Community Development | Mel Oberst |
| 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. |
| | Harold Anderson |
| | Katharine Miller |

Executive Summary

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 2008/2009

Engineering – Construction

Arterial and Collector Street Safety Projects

4th and Thurston/Studio (constructed in late 2008) The project realigned Studio Rd to provide a T- intersection with 4th St. allowing for safer pedestrian crossings and vehicle turning movements.



Galveston (14th to Lindsey Court)

The project was a bike lane and sidewalk improvement on an older section of Galveston that was missing these multi modal elements. In addition the project installed pedestrian median crossings and striping and lane off sets in order to lower the speed of vehicles. The project was funded by an ODOT grant and City funds.



Local Street Safety Projects

Northeast Local Street Traffic Circle Projects

These traffic circles were the highest ranked Local Street Safety projects at the following locations in order to complete a system of traffic calming parallel to Greenwood Ave. to discourage speeding and cut through traffic.

- 11th St. & Hawthorne Ave. Traffic Circle Project
- 9th St. & Lafayette Ave. Traffic Circle Project
- 11th St. & Lafayette Ave. Traffic Circle Project



Engineering – Design (for possible construction in 2010/11)

Arterial and Collector Street Safety Projects

12th and Greenwood (Highway 20)

Improve the existing pedestrian crossing at this location with a pedestrian activated signal. This joint City and ODOT project has the City providing the design and ODOT funding the project. The project may be constructed with the Highway 20 overlay.

Colorado (Simpson to Century Drive)

Install bike lanes and improve roundabout radius and pedestrian crossing at Simpson, and tighten radius and install curb ramps at the Columbia intersection. This project is being coordinated with the federal stimulus overlay funds for this section of road and will be constructed in 2010.

Local Street Safety Projects

Daggett Lane (Ensworth School to Wells Acres)

The project will improve safety on this corridor with three traffic circles and a pedestrian crossing at Ensworth School. The project recently received ODOT Safe Routes to School funding. The City has final designs for the project and construction will begin in 2011.

Tempest Street – Larkspur Trail Crossing

This project will improve the crossing at the Larkspur Trail location on Tempest Street and will provide a good design template for possible future improved crossings. The project will be constructed in 2010.

Bear Creek (Craven to Cessna)

This is a Safe Routes to School project for installing sidewalks on this section of Bear Creek which further completes the sidewalk facilities for a safe walking route to Bear Creek School. Construction is scheduled for 2011.

2008/2009 Traffic Education/ Enforcement / Accomplishments

Secured Seatbelt Three Flags Enforcement Details (Grant):

January
February
May
September

Secured DUII Details (Grants):

December

Public Works

January
June
August

Multi Agency Traffic Team (MATT) Details:
Approximately once a month

Added a Traffic link to the Police Department Website

Several Pedestrian Enforcement Details

Spoke at four DUII Victims Impact

Traffic enforcement statistics:

Citations – 5701 (School Zones 296/Speed 1966/TCD524)
Warnings – 1162
DUII – 83
Impounds – 376

Education accomplishments performed by Commute Options:

- Bike Mobile Traveling Safety show at various Bend locations
- Safe Routes to School local and statewide committees-8 schools in Bend
- “Walking school bus”, 4th grade classes Bear Creek Elementary School program
- Bicycle and pedestrian encouragement programs
- Bike and pedestrian safety education courses in area schools-reached 1000 student with on-bike training. 5000 received bicycle and pedestrian instruction via classroom or assembly presentations
- Bike rodeos (bike rodeo equipment is stored at Commute Options)
- Walk and Bike Challenge Month (May2009) at 12 Bend schools
- Deschutes County Bicycle and Pedestrian Advisory Committee
- Healthy Active Central Oregon/Kids@Heart coalition-working to prevent childhood obesity
- Bike and pedestrian planning and design efforts
- Trail, transit and intersection issues
- Bike and pedestrian issues related to transit

This Years Expected Accomplishments FY 2009/20010

Engineering

Construction in Summer 2010

- Colorado Avenue (Simpson to Century Drive)
Bike lane and intersection improvements
- 12th and Greenwood (Highway 20) pedestrian crossing with
pedestrian activated signal
- Tempest Drive @ Larkspur Trail Crossing
- Harmon Road (Newport to

Proposed Construction in summer 2011

- Daggett Lane (Wells Acres to Ensworth School)
Traffic circles and pedestrian crossing
- Bear Creek (Craven to Cessna) sidewalks and bike lanes

Design Projects

Energy Grant to time signals and signal corridors and improve signalized intersections if possible to reduce crashes

The Arterial and Collector Street Safety and Local Street Safety Projects designs for 2011 need to be determined. The intent is to review the current lists, analyze proposals received this year, and determine what projects should be advanced for design.

Enforcement

This Years Expected 2009/2010 Traffic Education/ Enforcement / Accomplishments

Obtain Seatbelt Three Flags Enforcement Details (Grant):

January
February

Obtain DUII Details (Grants):

March

Public Works

12/27/10

MATT Details:

Approximately once a month

Several Pedestrian Enforcement Details

Will be done once a month starting March

DUII Impact Panel:

Speak at several of these every year

Worked with Road User Task Force on two week media blitz on bicycle/motorist share the road campaign.

Worked with Z-21 News on a month long "Safe Driving Tips Series" airing twice a week during the month of November.

Mark Linville made several appearances on KOHD and 104.1 radio station to discuss traffic safety.

Matt Baldwin developed a safe driver education program, which he is visiting our local high schools and teaching students.

Future plans:

More education through the media and enforcement projects.

Statistics: So far This Year (Traffic Unit lost 2 positions and no longer work a DUII Shift)

Crashes – 699

Citations – 3034 (School Zones 92/Speed 1240/TCD324)

Warnings – 1167

DUII – 37

Impounds – 94

One Fatal Crash

Education (Performed by Commute Options)

- Safe Routes to School:
Secured Safe Routes to School Funding for 8 elementary and middle schools in Bend

Received SRTS grants for education and encouragement grants for continuation of programs at Cascade Middle, Ensworth Elementary, Jewell Elementary, High Lakes Elementary, Juniper Elementary, Bear Creek Elementary, Elk Meadow 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
- RUST-Force (Road User Safety Task Force) offering “brown bag/lunch and learn” sessions to teach bicycle safety to adults in the workplace

**City of Bend Top Crash Intersection Locations for
2008, 2007, 2006 and 2005**

2008

| Rank | Street | Cross Street | Total | Injury | Property only | Fatal |
|------|--------------------|--------------------------|--------|--------|---------------|-------|
| 1 | Franklin | 3 rd | 11 | 3 | 8 | |
| | Brookwood | Powers | 11 | 2 | 9 | |
| 2 | Neff | Purcell | 10 | 5 | 5 | |
| 3 | Hwy 97 | Robal | 8 | 4 | 4 | |
| | Division | Revere | 8 | 4 | 4 | |
| | American Lane | Reed Mkt | 8 | 2 | 5 | |
| 4 | Hwy 97 (Parkway) | Powers | 7 | 3 | 3 | 1 |
| | Greenwood (Hwy 20) | 3 rd | 7 | 2 | 5 | |
| | Reed Mkt | 15 th | 7 | 1 | 6 | |
| | Hwy 20 | Purcell | 7 | 4 | 3 | |
| 5 | Hwy 20 | Olney | 6 | 3 | 3 | |
| | Reed Mkt | 3 rd | 6 | 0 | 6 | |
| | Brookwood | Pinebrook | 6 | 1 | 5 | |
| | Bear Creek Hwy 20 | Purcell/Pettigrew Revere | 6 6 | 4 2 | 2 4 | |

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/Brookwood | 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 | Brookwood 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
Crashes by Intersection 2004 to 2008**

Crashes

People

| Location | Total | Fatals | Injuries | PDO | | Fatals | Injuries |
|---------------------------------|--------------|---------------|-----------------|------------|--|---------------|-----------------|
| Reed Mkt /3rd | 59 | 0 | 24 | 35 | | 0 | 33 |
| Franklin /3rd | 46 | 0 | 24 | 22 | | 0 | 25 |
| Hwy 20/3rd | 46 | 0 | 19 | 27 | | 0 | 29 |
| Hwy 20/Revere | 45 | 0 | 18 | 27 | | 0 | 29 |
| ReedMkt/15th | 44 | 0 | 20 | 24 | | 0 | 35 |
| Neff/Purcell | 40 | 0 | 20 | 20 | | 0 | 26 |
| Hwy 97/Robal | 35 | 1 | 17 | 17 | | 1 | 30 |
| Neff/27th | 35 | 0 | 10 | 25 | | 0 | 10 |
| Hwy 20/Purcell | 34 | 1 | 13 | 20 | | 1 | 16 |
| Hwy 97/Cooley | 34 | 0 | 16 | 18 | | 0 | 24 |

City of Bend Crash Summaries By Mode of Travel

2005 to 2008

Vehicles

| | 2008 | 2007 | 2006 | 2005 |
|----------------------|------|------|------|------|
| Fatal Crashes | 3 | 5 | 7 | 2 |
| Injury Crashes | 277 | 306 | 359 | 367 |
| Property Damage Only | 459 | 455 | 477 | 510 |
| Total Crashes | 616 | 766 | 843 | 879 |
| People Killed | 4 | 5 | 8 | 3 |
| People Injured | 348 | 435 | 516 | 514 |

Bicycle only

| | 2008 | 2007 | 2006 | 2005 |
|----------------------|------|------|------|------|
| Fatal Crashes | 2 | 1 | 0 | 0 |
| Injury Crashes | 20 | 14 | 26 | 39 |
| Property Damage Only | 1 | 0 | 0 | 1 |
| Total Crashes | 23 | 15 | 26 | 40 |

Pedestrian only

| | 2008 | 2007 | 2006 | 2005 |
|----------------------|------|------|------|------|
| Fatal Crashes | 0 | 1 | 1 | 0 |
| Injury Crashes | 6 | 12 | 5 | 10 |
| Property Damage Only | 0 | 0 | 0 | 0 |
| Total Crashes | 6 | 13 | 6 | 10 |