There was a significant increase in fatality and serious injury collisions in the “Basin Triangle” from 2006 thru 2010.

A high number of collisions occurred between Moses Lake, Ephrata and the Soap Lake area involving teenage drivers.

The majority of “erratically driven vehicle” complaints were also from this area.
Fatality Collisions and Deaths
Basin APA 2006-2010

- Fatality collisions
- Deaths

2006: 7
2007: 8
2008: 8
2009: 13
2010: 21


Fatality collisions bar chart.
2007-2010 Fatal/Serious (Impaired vs. NON-Impaired)

District 6 "Triangle"
Fatal/Serious (Impaired vs. NON)

FARS/WSDOT/CAD Collision Data
- Impaired Fatal Collision
- Impaired Serious Collision
- NON-Impaired Fatal Collision
- NON-Impaired Serious Collision

<table>
<thead>
<tr>
<th></th>
<th>Impaired</th>
<th>NON Impaired</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatal</td>
<td>5</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Serious</td>
<td>10</td>
<td>63</td>
<td>73</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
<td>73</td>
<td>88</td>
</tr>
</tbody>
</table>

Note: Mileposts are labeled every 10 miles. Collisions include years '07-09 and '10 YTD.
ANALYSIS

• The increase in injury and fatality collisions is not new to the Basin APA and has been addressed by two previous POPS projects, which were successful.
  – Traffic Safety Corridor Project on SR 17 between Moses Lake and Othello. (2001)
  – The State Route 243 Project on SR 243 between Vantage and Vernita. (2005)

• There has never been a POPS project for the “Basin Triangle”.
Stakeholders

<table>
<thead>
<tr>
<th>Public Safety</th>
<th>Schools</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Washington State Patrol</td>
<td>• Moses Lake School Dist.</td>
<td>• Dep. of Transportation</td>
</tr>
<tr>
<td>• Grant Co. Sheriff’s Dept.</td>
<td>• Ephrata School Dist.</td>
<td>• Grant Co. Roads District</td>
</tr>
<tr>
<td>• Moses Lake PD</td>
<td>• Quincy School Dist.</td>
<td>• Grant Co. Public Works</td>
</tr>
<tr>
<td>• Ephrata PD</td>
<td>• Soap Lake School Dist.</td>
<td></td>
</tr>
<tr>
<td>• Soap Lake PD</td>
<td>• Mattawa School Dist.</td>
<td></td>
</tr>
<tr>
<td>• Quincy PD</td>
<td>• Royal City School Dist.</td>
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<tr>
<td>• Warden PD</td>
<td>• Moses Lake Christian Academy</td>
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<tr>
<td>• Othello PD</td>
<td></td>
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<tr>
<td>• Adams Co. Sheriff’s Dept.</td>
<td></td>
<td></td>
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<tr>
<td>• Grant Co. Fire</td>
<td></td>
<td></td>
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<tr>
<td>• American Medical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Response (AMR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Central Basin Traffic Safety Task Force (CBTSTF)</td>
<td></td>
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</tr>
</tbody>
</table>
RESPONSE

• **Goal** – To reduce the increasing trend of injury and fatality collisions in the Basin APA by at least 4% by December 31, 2011.
Action Plan

• Enforcement
• Engineering
• Education
Enforcement
Central Basin Traffic Safety Task Force (CBTSTF)

• Meet with surrounding Law Enforcement agencies and organize dates for emphasis patrols
Enforcement

MLPD
Moses Lake Police Department

GCSO
Grant County Sheriff’s Office

EPD
Ephrata Police Department

QPD
Quincy Police Department
Enforcement

Washington State Patrol
Enforcement
## WSP Proactive Enforcement

<table>
<thead>
<tr>
<th>Category</th>
<th>2010</th>
<th>2011</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL VIOLATOR CONTACTS</td>
<td>19,409</td>
<td>24,374</td>
<td>+ 20%</td>
</tr>
<tr>
<td>DUI ARRESTS</td>
<td>344</td>
<td>355</td>
<td>+ 3%</td>
</tr>
<tr>
<td>SPEED VIOLATORS</td>
<td>13,168</td>
<td>16,891</td>
<td>+ 22%</td>
</tr>
<tr>
<td>SEAT BELT VIOLATORS</td>
<td>1,347</td>
<td>1,848</td>
<td>+ 27%</td>
</tr>
<tr>
<td>DRUG ARRESTS</td>
<td>99</td>
<td>174</td>
<td>+ 43%</td>
</tr>
<tr>
<td>AGGRESSIVE DRIVERS</td>
<td>1,975</td>
<td>2,005</td>
<td>+ 1%</td>
</tr>
<tr>
<td>COLLISIONS INVESTIGATED</td>
<td>633</td>
<td>511</td>
<td>- 19%</td>
</tr>
</tbody>
</table>
Engineering
SR 283 and Road 5 NW
Engineering
Washington State Department of Transportation
Engineering
SR 281 Spur and SR 281
Engineering
SR 281 Spur and SR 281
Engineering

NB SR 17 and SR 28
Engineering
NB SR 17 and SR 28
Education

Central Basin Traffic Safety Task Force
Education

Public Safety Announcement

- FM KDRM
- AM KBSN
- Six times a day seven days a week
- Performed by local law enforcement
Teen Education

- 26 presentations/15 schools
- Approximately 5,890 attendees
- Meetings with School Administrators
- Meetings with supervisors, task force coordinator, and others to complete our project
- Visual aids/crash cars
Drug Categories

- CNS Depressants
  - Prozac, Soma, Ambien, Xanax, & Diazepam

- CNS Stimulants
  - Methamphetamine, Cocaine, & Adderall

- Hallucinogen
  - LSD, Psilocybin Mushrooms, & Ecstasy

- Dissociative Anesthetic
  - PCP & Ketamine
Education

Educational Vehicles
Education
CPASA Event
Big Bend Community College
Education
Moses Lake Moonlight Parade
Education
Grant Co. Fair
Education

$7,200 State Farm Grant
Challenges

• Funding
  – Traffic Safety Overtime Funds
  – Local Overtime Funds

• Tourists
  – Education
  – Unfamiliar with Local Roadways
ASSESSMENT

![Graph showing fatality collisions and deaths from 2006 to 2011.](image-url)
ASSESSMENT

2011 vs 2010

• 64.7% DECREASE OF FATAL COLLISIONS
• 12.8% DECREASE INJURY COLLISIONS

2011 vs 5 YR AVERAGE (2006-2010)

• 36.8% DECREASE OF FATAL COLLISIONS
• 7% DECREASE OF INJURY COLLISIONS
Thank You