### TABLE B-1
ACCIDENT SUMMARY BY DIRECTION BY MILEPOST
TAPPAN ZEE BRIDGE

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### TAPPAN ZEE BRIDGE
#### ACCIDENT DATA BY CAUSE OF COLLISION

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#### TAPPAN ZEE BRIDGE
#### Accident Data by Cause of Collision (3-Year Average)
#### 2008, 2009 & 2010

![Graph](image-url)
### TAPPAN ZEE BRIDGE
#### Accident Data by Month

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**TAPPAN ZEE BRIDGE**

Accident Data by Month (3-Year Average) 2008, 2009 & 2010

- **Westbound**
- **Eastbound**

The table above shows the number of accidents by month for 2008, 2009, and 2010. The data is presented for both westbound and eastbound directions. The chart visualizes the same data with bars representing the number of accidents per month.
TAPPAN ZEE BRIDGE
ACCIDENT DATA AND OVERALL TRAFFIC INCIDENTS
ASSUME ACCIDENTS MAKE UP APPROXIMATELY 1/3 OF ALL TRAFFIC INCIDENTS ON TAPPAN ZEE BRIDGE

POTENTIAL REMEDIES TO REDUCE INCIDENTS
1. Improve Physical Design (ex. Non-Standard Features)
2. Improve Progression of Traffic Flow (ex. Ramp Metering)
3. Provide Driver Feedback (ex. ITS)
4. Improve Incident Response Management (ex. CCTV)
5. Implement More Aggressive Enforcement of Traffic Laws
6. Continue/Expand Driver Education Programs for Young Drivers (ex. MADD)

IMPROVING PHYSICAL DESIGN - POTENTIAL OPTIONS
Pavement Distress
Deficient Lane Markings
Limited or No Acceleration/Deceleration Lanes
Combined Horizontal/Vertical Curve Alignment
Poor Lighting/Limited Visibility
Inadequate Guardrails/Concrete Barriers
Narrow Lane Widths
Ineffective Signage (ITS)
Limited or No Shoulders or Run-Off Areas
Limited Turning Radii
Improvements to Retroreflectivity
Ineffective Chevrons/Gore Design
Sun or Glare Issues
Inappropriate Speed Limit
Heavy Vehicles
Landscaping

TRAFFIC INCIDENTS
ESTIMATED DISTRIBUTION BY TYPE
"any non-recurring event that causes a reduction of roadway capacity or an abnormal increase in demand" - FHWA Incident Management Handbook

Accidents
(10-20% est.)
Police Accident Records
Sub-class of All Incidents

Other
(10-20% est.)
Roadway Maintenance
Special Event
Weather, etc.

Disabled Vehicle
(60 to 80% est.)
Non-Reportables
Breakdowns

Other
(10-20% est.)
Roadway Maintenance
Special Event
Weather, etc.
### 2008 Westbound Direction

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