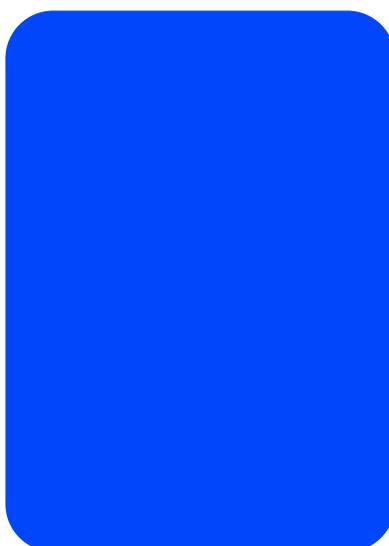
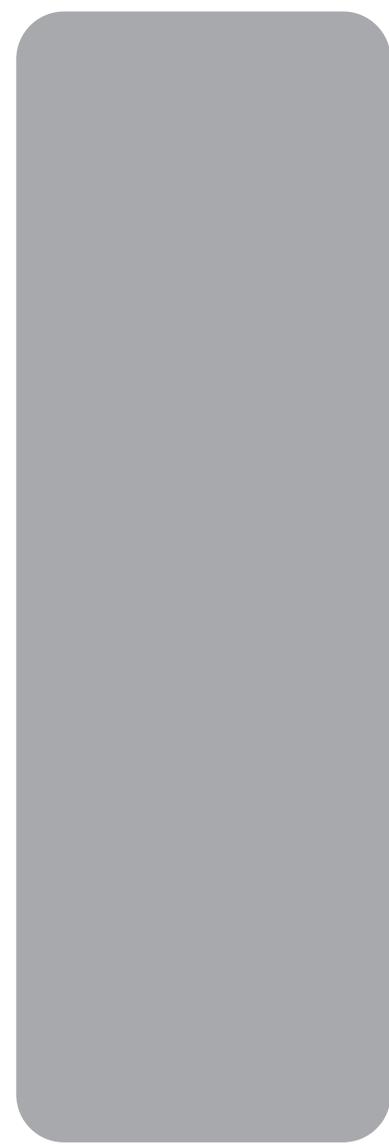


SAFETY EVALUATION OF TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS



Lancaster County, Pennsylvania
December 2025



**LANCASTER COUNTY
PLANNING**
Lancaster, Pennsylvania

ACKNOWLEDGMENTS

Lancaster County Board of Commissioners

Ray D'Agostino, Chairman
Joshua G. Parsons, Vice Chairman
Alice Yoder



Lancaster County Planning Department

Leadership Team

William T. Clark III, AICP, Executive Director
[Vacant], Director for Land Use & Transportation
John D. Hershey, RLA, Director for Analytics & Design
Kip Van Blarcom, AICP, Director for Implementation & Outreach
Nicole Deeley, Administrative Services Manager

Planning Staff

Michael A. Domin, AICP, Principal Planner	Joella Neff, Senior Planner
Kristiana Barr, Principal Planner	Gwen E. Newell, AICP, RLA, Senior Planner
Renee Addleman, Senior Planner	Gary Jones, Planner
Sharon Cino, Senior Planner	Sam McMinn, Planner
Matt Hoyer, Senior Planner	Brian T. Reid, Planner
J. Mark Huber, AICP, Senior Planner	Mary Siu, Planner
Christine J. Le, Senior Planner	Aim Terranova, Planner
L. Rose Long, EDP, Senior Planner	Trevor West, Planner

Support Staff

Jennifer Cochran, Fiscal Technician	Faith Kelleher, Office Support III
Marie Quigg, Graphics Specialist	Wren Citarella, Office Support II
Farah Eustace, Applications Coordinator	Nick Shenk, Office Support II

Prepared by

Lancaster County Planning Department
Lancaster, Pennsylvania
December 2025

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Lancaster County MPO

Metropolitan Planning Organization



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Zack Germak
Kate Gonick

Randy Good
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Kirsten Peachey

Melissa Ressler
Ezra Rothman
Bill Swiernick
Heather Valudes
Elijah Yearick

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Steve Mohr, Jr.

Jaclyn Nagle
Adam Smith
Emily Wilson

County of Lancaster ADA Policy and Procedure

Requests for Reasonable Accommodations by Persons with Disabilities

It is the policy of Lancaster County to assure that qualified individuals with disabilities have equal and full access to the county's proceedings, services, programs, activities, and employment. Nothing in this policy shall be constructed to impose limitations or to invalidate the remedies, rights and procedures accorded to any qualified individual with disabilities under state or federal law. To that end, County of Lancaster staff will make every effort to assist qualified individuals with disabilities who request reasonable accommodations by utilizing the guidelines and procedures established by this policy and other applicable county policies.

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of the County of Lancaster, should contact the ADA Coordinator listed herein as soon as possible but no later than 48 hours before the scheduled event.

County of Lancaster

Human Resources
ADA Coordinator
150 North Queen Street, Suite 312
Lancaster, PA 17603

Phone: (717) 299-8310
Relay Service TTY/TDD: 711 or (800) 654-5984
Fax: (717) 293-7269
Email: ADACoordinator@co.lancaster.pa.us

Anyone who wishes to file a complaint alleging discrimination on the basis of disability in the provision of services, activities, programs, or benefits by the County of Lancaster, should contact the ADA Coordinator listed herein in writing as soon as possible but no later than 60 days after the alleged violation.

County of Lancaster

Human Resources
ADA Coordinator
150 North Queen Street, Suite 312
Lancaster, PA 17603

Phone: (717) 299-8310
Relay Service TTY/TDD: 711 or (800) 654-5984
Fax: (717) 293-7269
Email: ADACoordinator@co.lancaster.pa.us

For more information, please visit <https://www.co.lancaster.pa.us/575/Accessibility>.

Lancaster County Metropolitan Planning Organization

Title VI Policy Statement

Adopted 6/23/2014 | Updated 4/25/2022

It is the policy of the Lancaster County Transportation Coordinating Committee (LCTCC) to comply with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987 and related statutes and regulations in all programs and activities and requires that no person in the United States shall, on the grounds of race, color, or national origin be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which it receives Federal financial assistance.

Any person who believes they have been aggrieved by an unlawful discriminatory practice under Title VI has a right to file a formal complaint with LCTCC. Any such complaint must be in writing, signed by the complaining person (s) or representative, and filed with the Lancaster County Transportation Coordinating Committee (LCTCC) Title VI Coordinator within one hundred eighty (180) days following the date of the alleged discriminatory occurrence. A copy of Title VI Discrimination Complaint Form can be obtained from the Lancaster County Planning Department (LCPD) office, by calling the office or by visiting LCPD's website at www.lancastercountyplanning.org. Additionally, for assistance completing the form or translation and interpretation services contact the LCPD office at 717-299-8333.

Language Access Taglines

<p>English</p> <p>Hello! We provide translation and interpretation services. If you would like to read this document in English, please leave a request by calling our inbox at 717-299-8333 and pressing "7," or send us an email at planning@lancastrcountypa.gov</p> <p>To request a document translation, you must include:</p> <ul style="list-style-type: none"> the name of the document that needs to be translated, the requested language for translation, and an email or mailing address where we can send the translated document. <p>You will receive an email confirming your request. We will provide you with a translated version of the requested document as soon as possible.</p>	<p>Español (Spanish)</p> <p>¡Hola! Ofrecemos servicios de traducción e interpretación. Si desea leer este documento en <i>Español</i>, deje su solicitud llamando a nuestro buzón de entrada al 717-299-8333 y pulsando "7", o enviándonos un correo electrónico a planning@lancastrcountypa.gov</p> <p>Para solicitar la traducción de un documento, debe incluir:</p> <ul style="list-style-type: none"> el nombre del documento a traducir, el idioma solicitado para la traducción, y una dirección de correo electrónico o postal donde podamos enviarle el documento traducido. <p>Recibirá un correo electrónico confirmando su solicitud. Le enviaremos una versión traducida del documento solicitado lo antes posible.</p>
<p>tiếng Việt (Vietnamese)</p> <p>Xin chào quý vị! Chúng tôi cung cấp các dịch vụ biên dịch và phiên dịch. Nếu quý vị muốn đọc tài liệu này bằng tiếng Việt, vui lòng để lại yêu cầu bằng cách gọi đến hộp thư của chúng tôi theo số 717-299-8333 và nhấn phím "7" hoặc gửi email cho chúng tôi theo địa chỉ planning@lancastrcountypa.gov</p> <p>Để yêu cầu bản dịch tài liệu, quý vị phải bao gồm:</p> <ul style="list-style-type: none"> tên tài liệu cần dịch, ngôn ngữ được yêu cầu để dịch, và địa chỉ email hoặc địa chỉ gửi thư nơi chúng tôi có thể gửi tài liệu đã dịch. <p>Quý vị sẽ nhận được email xác nhận yêu cầu. Chúng tôi sẽ cung cấp cho quý vị bản dịch của tài liệu được yêu cầu trong thời gian sớm nhất có thể.</p>	<p>Deutsch (German)</p> <p>Hallo! Wir bieten Übersetzungs- und Dolmetscherdienste an. Wenn Sie dieses Dokument in Deutsch lesen möchten, rufen Sie uns bitte unter der Nummer 717-299-8333 an und drücken Sie "7", oder senden Sie uns eine E-Mail an planning@lancastrcountypa.gov</p> <p>Um eine Übersetzung eines Dokuments anzufordern, müssen Sie Folgendes angeben:</p> <ul style="list-style-type: none"> der Name des Dokuments, das übersetzt werden soll, die gewünschte Sprache für die Übersetzung, und eine E-Mail- oder Postadresse, an die wir das übersetzte Dokument senden können. <p>Sie erhalten dann eine E-Mail zur Bestätigung Ihrer Anfrage. Wir werden Ihnen so schnell wie möglich eine übersetzte Fassung des angeforderten Dokuments zukommen lassen.</p>
<p>Français (French)</p> <p>Bonjour ! Nous fournissons des services de traduction et d'interprétation. Si vous souhaitez lire ce document en Français, veuillez déposer une demande en appelant notre boîte de réception au 717-299-8333 et en appuyant sur « 7 », ou envoyez-nous un e-mail à planning@lancastrcountypa.gov.</p> <p>Pour demander une traduction de document, vous devez inclure :</p> <ul style="list-style-type: none"> le nom du document à traduire, la langue demandée pour la traduction, et une adresse e-mail ou postale à laquelle nous pouvons envoyer le document traduit. <p>Vous recevrez un email confirmant votre demande. Nous vous fournirons une version traduite du document demandé dans les plus brefs délais.</p>	<p>اللغة العربية (Arabic)</p> <p>مرحباً! نحن نقدم خدمات الترجمة التحريرية والفورية. إذا كنت تُرجى تقديم طلب بذلك، العربية ترغب في قراءة هذا المستند باللغة من خلال الاتصال بصندوق بريدنا الصوتي على الرقم 299-8333-717 واختيار الرقم "7" أو من خلال إرسال رسالة إلكترونية إلى planning@lancastrcountypa.gov.</p> <p>يجب عليك ذكر ما يلي عند طلب خدمة ترجمة مستند ترجمة تحريرية:</p> <ul style="list-style-type: none"> اسم المستند الذي ترغب في ترجمته ترجمة تحريرية واسم اللغة التي ترغب في الترجمة التحريرية إليها وعنوان بريد إلكتروني أو عنوان مراسلات لإرسال النسخة المترجمة من المستند إليه <p>ستتلقى رسالة إلكترونية تؤكد استلام طلبك. وسنقدم لك نسخة مترجمة من المستند المطلوب في أقرب وقت ممكن.</p>

Language Access Taglines

<p>မြန်မာ (Burmese)</p> <p>မင်္ဂလာပါ။ ကျွန်ုပ်တို့သည် ဘာသာပြန်ခြင်းနှင့် စကားပြန်ခြင်းဝန်ဆောင်မှုများကို ဆောင်ရွက်ပေးပါသည်။ ဤစာရွက်စာတမ်းကို မြန်မာ ဖြင့် ဖတ်ရှုလိုပါက ကျွန်ုပ်တို့၏ 717-299-8333 သို့ခေါ်ဆိုပြီး “7” ကိုနှိပ်ခြင်းဖြင့် သို့မဟုတ် planning@lancastercountypa.gov သို့ အီးမေးလ်တစ်စောင်ပေးပို့ခြင်းဖြင့် တောင်းဆိုမှုတစ်ခုချန်ထားခဲ့နိုင်ပါသည်။ စာရွက်စာတမ်း ဘာသာပြန်တစ်ခုတောင်းဆိုရန် အောက်ပါအချက်အလက်များ ပါဝင်ရမည်။</p> <ul style="list-style-type: none"> • ဘာသာပြန်ရန်လိုအပ်သော စာရွက်စာတမ်းအမည် • ဘာသာပြန်ရန်တောင်းဆိုထားသော ဘာသာစကား • စာပို့လိပ်စာ <p>ဘာသာပြန်ထားသော စာရွက်စာတမ်းကို ပေးပို့နိုင်သည့် အီးမေးလ် သို့မဟုတ် သင်၏ တောင်းဆိုချက်ကို အတည်ပြုသည့် အီးမေးလ်တစ်စောင် လက်ခံရရှိမည်ဖြစ်သည်။ တောင်းဆိုထားသော စာရွက်စာတမ်း၏ ဘာသာပြန်မှုကို တတ်နိုင်သမျှ အမြန်ဆုံး ကျွန်ုပ်တို့ ပေးပို့ပါမည်။</p>	<p>Українська мова (Ukrainian)</p> <p>Доброго дня! Ми надаємо послуги письмового та усного перекладу. Якщо ви хотіли б ознайомитися з цим документом на Українська мова, залиште запит, зателефонувавши на наш номер для вхідних дзвінків 717-299-8333 та натиснувши «7», або надішліть нам електронного листа на адресу planning@lancastercountypa.gov</p> <p>Щоб надіслати запит на переклад документа, ви повинні вказати:</p> <ul style="list-style-type: none"> • Назву документа, який потрібно перекласти. • Потрібну мову перекладу. • Адресу електронної або фізичної пошти, за якою ми можемо відправити перекладений документ. <p>Ви отримаєте електронного листа з підтвердженням вашого запиту. Ми надамо вам перекладену версію потрібного документа у найкоротший термін.</p>
<p>नेपाली (Nepali)</p> <p>नमस्कार ! हामी दोभासे तथा अनुवादन सेवा प्रदान गर्छौं । तपाईं यो कागजात नेपाली भाषामा पढ्न चाहनुहुन्छ भने, कृपया हाम्रो फोन नम्बर 717-299-8333 मा फोन गर्नुहोस् र “7” थिच्नुहोस् वा हामीलाई planning@lancastercountypa.gov मा इमेल पठाउनुहोस् ।</p> <p>कागजात अनुवादन गर्ने अनुरोध राख्न, तपाईंले अनिवार्य रूपमा निम्न जानकारी समावेश गर्नु पर्दछः</p> <ul style="list-style-type: none"> • अनुवादन गर्नु पर्ने कागजातको नाम, • अनुवादन अनुरोध गरिएको भाषा, • र इमेल वा पत्राचार ठेगाना जहाँ हामी अनुवादन गरिएको कागजात पठाउन सक्छौं । <p>तपाईंले आफ्नो अनुरोध पुष्टि गर्ने इमेल प्राप्त गर्नुहुनेछ । हामी तपाईंलाई यथाशीघ्र अनुरोध गरिएको कागजातको अनुवादित संस्करण प्रदान गर्नेछौं ।</p>	<p>한국인 (Korean)</p> <p>안녕하세요! 현재 다양한 언어로 번역 및 통역 서비스를 제공하고 있습니다. 이 문서를 한국인 로 읽기 원하시면 717-299-8333번으로 전화 후 "7"을 눌러 요청을 남기시거나 planning@lancastercountypa.gov로 이메일을 보내주세요.</p> <p>문서 번역을 요청하는 경우, 다음 내용을 포함해야 합니다:</p> <ul style="list-style-type: none"> • 번역해야 하는 문서명, • 번역이 필요한 언어, • 번역된 문서를 보낼 수 있는 이메일 또는 우편 주소. <p>문서 번역을 요청하신 후 요청 내용을 확인하는 이메일을 받으실 것입니다.</p> <p>요청하신 문서의 번역본을 가능한 빨리 제공해 드리도록</p>
<p>Kinyarwanda (Kinyarwanda)</p> <p>Muraho! Dutanga serivisi zo guhindura indimi no gusemura. Niba ushaka gusoma iyi inyandiko muri rurimi runaka, nyamuneka tugezeho icyifuzo uhamagara kuri 717-299-8333 maze ukande “7,” cyangwa utwoherereze imeri kuri planning@lancastercountypa.gov.</p> <p>Igihe usaba guhindurirwa inyandiko mu rundi rurimi, ugomba gushyiramo:</p> <ul style="list-style-type: none"> • izina ryinyandiko igomba guhindurwa, • ururimi wifuzamo inyandiko, • na imeri cyangwa aderesi ya imeri aho dushobora kohereza inyandiko yahinduwe. <p>Uzakira imeri yemeza icyifuzo cyawe. Tuzaguha verisiyo yahinduwe y'inyandiko yasabwe vuba bishoboka.</p>	<p>Kiswahili (Swahili)</p> <p>Hujambo! Tunatoa huduma za tafsiri na ukalimani. Iwapo ungependa kusoma hati hii katika Kiswahili, tafadhali wasilisha ombi kwa kupigia kisanduku pokezi chetu simu katika 717-299-8333 na kubonyeza "7," au ututumie barua pepe katika planning@lancastercountypa.gov</p> <p>Kuomba tafsiri ya hati, lazima ujumuishe:</p> <ul style="list-style-type: none"> • jina la hati ambayo inapaswa kutafsiriwa, • lugha iliyombwa ya kutafsiri, • na barua pepe au anwani ya kutuma barua ambapo tunaweza kutuma hati iliyotafsiriwa. <p>Utapokea barua pepe inayothibitisha ombi lako. Tutakupa toleo lililotafsiriwa la hati iliyombwa kwa haraka iwezekanavyo.</p>

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INTRODUCTION

Safety is the highest priority of PennDOT and the [Lancaster MPO](#). This report compiles the current safety projects in Lancaster County funded through the [Transportation Improvement Program \(TIP\)](#).

Note: Project scopes may change during development, and completed projects may not include all elements of the original scopes.

Federal regulations require states to establish targets for five safety performance measures:

- Number of fatalities
- Rate of fatalities per 100 million vehicle miles traveled (VMT)
- Number of suspected serious injuries
- Rate of suspected serious injuries per 100 million VMT
- Number of non-motorized fatalities and suspected serious injuries

Each year, PennDOT sets updated safety performance targets for these measures. The Lancaster County MPO has agreed to plan and program projects that help us achieve these established targets.

This report is intended to assist in reaching safety performance targets by using crash data to evaluate the impact of TIP safety projects on the frequency and severity of crashes. Although the priority is to reduce the number of suspected serious injuries and fatalities, other types of crashes are also represented in this report.

SUMMARY

The [Highway Safety Improvement Program](#) (HSIP) is a core federal aid program with the purpose to achieve a significant reduction in fatalities and serious injuries on all public roads. The [Moving Ahead for Progress in the 21st Century Act](#) (MAP-21) increased funding for the HSIP. This requires state departments of transportation and MPOs to determine the success of safety projects through quantifiable measures.

Both FHWA and PennDOT have adopted a [Toward Zero Deaths](#) vision. This long-term federal goal is to eliminate all traffic-related fatalities by 2050. Safety projects are only considered successful if they work toward this objective.

This report contains data on crashes occurring near Transportation Improvement Program (TIP) safety projects in Lancaster County. Crash data has been compiled for the five years preceding the construction of a safety project, and for up to five years following its completion. Crash Summary charts in this report compare the number, types, and severity of crashes before the start of construction and after the completion of construction.

Projects with five years of post-construction data, are considered “Projects with Complete Evaluation”. Whereas projects that do not yet have five years of post-construction data are listed separately as “Projects in Active Evaluation”.

New crash data is available annually and will likewise be added to the charts of projects in “Projects in Active Evaluation” for up to five years. When five years of post-construction data for a project in active evaluation has been collected, it will then be moved to “Projects with Completed Evaluation”.

CRASH DATA

Crash data used in these evaluations is from PennDOT’s [Pennsylvania Crash Information Tool](#) (PCIT). Crash data presented on PCIT is gathered through PennDOT’s partnerships with law enforcement and other safety partners.

Project segments that include intersections capture crashes within a 100-foot radius.

This report categorizes crashes by the type of crash and by the severity of the crash.

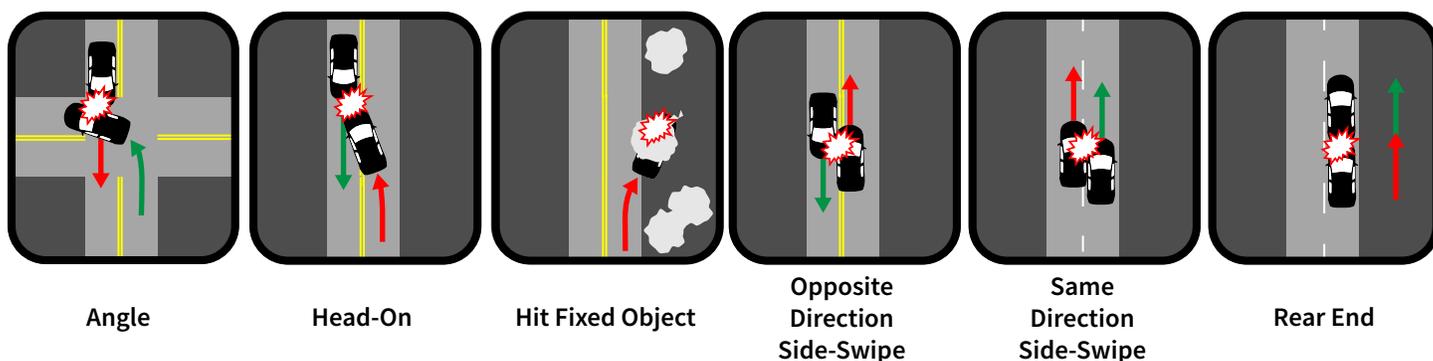
CRASH TYPE

- Angle
- Backing
- Head On
- Hit Fixed Object
- Non-collision
- Non-motorist
- Opposite Direction Sideswipe
- Rear end
- Same Direction Sideswipe
- Unknown

CRASH SEVERITY

- Fatal
- Suspected Serious Injury
- Suspected Minor Injury
- Possible Injury, Unknown Severity
- Unknown if Injured
- Property Damage Only

Six of these crash types are illustrated below.



Injury Severity Disclaimer

On January 1, 2016, PennDOT adopted the federal standard for collecting injury severity data. As a result, field descriptions and definitions changed from the state standard in use for decades. This change caused a substantial shift in severity levels. Therefore, comparison of the Suspected Serious Injury (SSI), Suspected Minor Injury (SMI), and Possible Injury (PI) categories will not be consistent for crashes taking place before 2016.

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PROJECTS WITH A COMPLETE EVALUATION

The following projects have five years of pre-construction and five years of post-construction data.

<i>Project ID</i>	<i>Type</i>	<i>Project Title</i>	<i>Description</i>	<i>Date Completed</i>
89185	Intersection Improvement	PA 896 and Rockvale	Addition of traffic signals at intersection of PA 896 and Rockvale Road. Turn lanes and crosswalks added to intersection.	6/6/2018
83168	Corridor Safety Improvement	Gap Bottleneck Improvement	Corridor Safety Improvements. Signal optimization, corridor enhancements, improve safety, add auxiliary turn lanes.	2/28/2018
89654	Intersection Improvement	Harrisburg Pike/Dillerville Road	Safety / Intersection improvements. Add adaptive signals to 14 intersections.	9/14/2017

PA 896 and Rockvale Road



Before Construction

After Construction

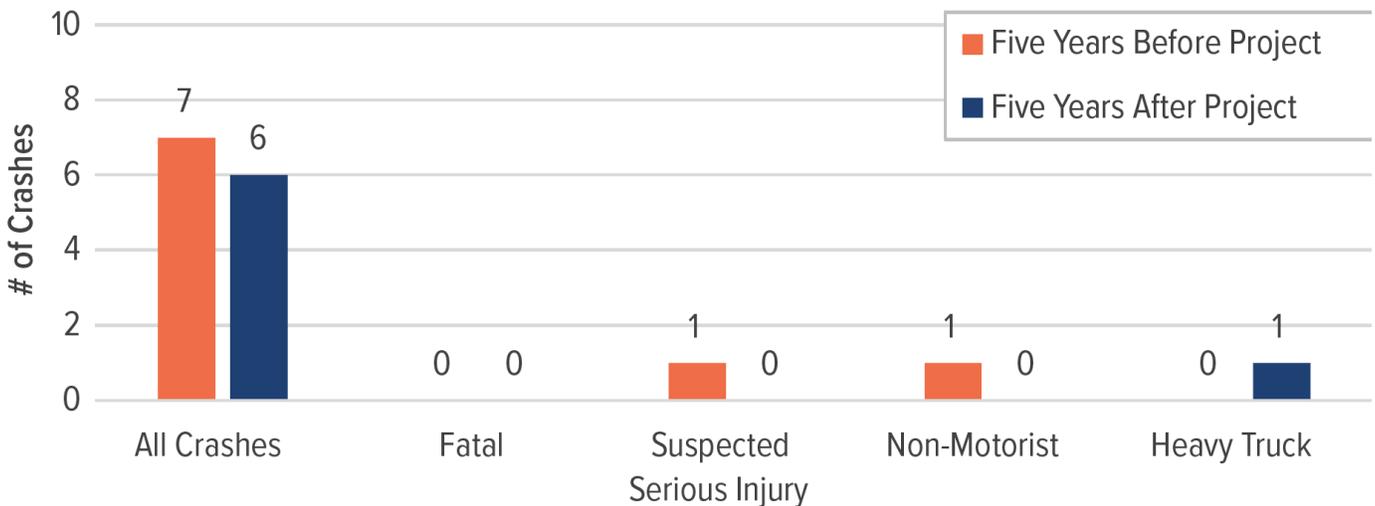
Image Source: Google Earth

Project Details

Location	Completed	Total Cost
Intersection of Hartman Bridge Road (PA 896) and Rockvale Road. East Lampeter Township	06/06/2018	\$1,876,407

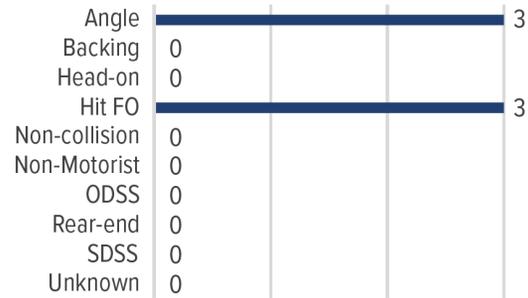
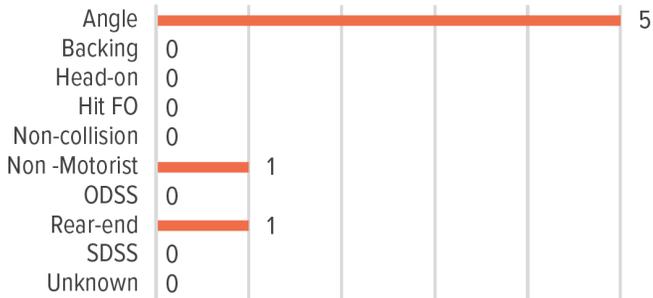
Project Description

- Addition of new paint to designate turn lanes on PA 896 and painted crosswalks.
- Traffic signals are installed at intersection.

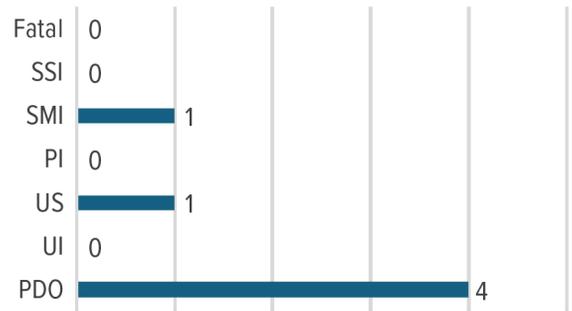
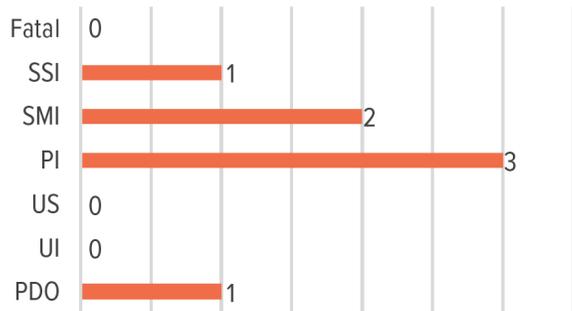


Crash Details – PA 896 and Rockvale

Type	Five Years Before Project						Five Years After Project					
	2013	2014	2015	2016	2017	Total	2019	2020	2021	2022	2023	Total
Angle	-	2	2	-	1	5	3	-	-	-	-	3
Backing	-	-	-	-	-	0	-	-	-	-	-	0
Head-on	-	-	-	-	-	0	-	-	-	-	-	0
Hit FO	-	-	-	-	-	0	-	-	2	1	-	3
Non-collision	-	-	-	-	-	0	-	-	-	-	-	0
Non-Motorist	-	-	-	-	1	1	-	-	-	-	-	0
ODSS	-	-	-	-	-	0	-	-	-	-	-	0
Rear-end	-	-	-	-	1	1	-	-	-	-	-	0
SDSS	-	-	-	-	-	0	-	-	-	-	-	0
Unknown/Other	-	-	-	-	-	0	-	-	-	-	-	0
Total	0	2	2	0	3	7	3	0	2	1	0	6



Severity	Five Years Before Project						Five Years After Project					
	2013	2014	2015	2016	2017	Total	2019	2020	2021	2022	2023	Total
Fatal	-	-	-	-	-	0	-	-	-	-	-	0
SSI	-	1	-	-	-	1	-	-	-	-	-	0
SMI	-	-	1	-	1	2	1	-	-	-	-	1
PI	-	1	1	-	1	3	-	-	-	-	-	0
US	-	-	-	-	-	0	-	-	1	-	-	1
UI	-	-	-	-	-	0	-	-	-	-	-	0
PDO	-	-	-	-	1	1	2	-	1	1	-	4
Total	0	2	2	0	3	7	3	0	2	1	0	6



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

Gap Bottleneck Improvement

Before Construction



After Construction



Image Source: Google Earth

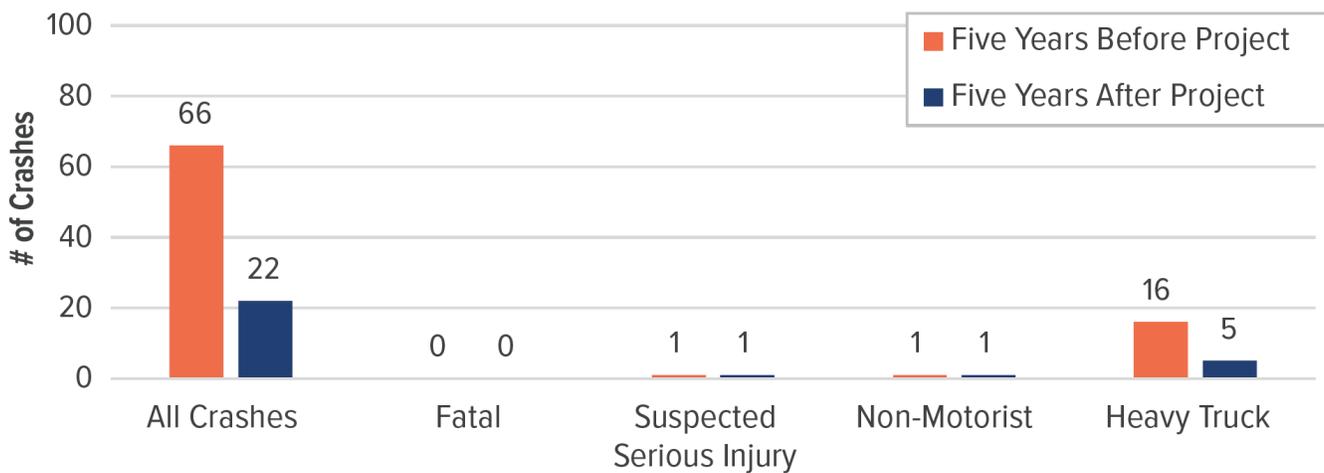
Project Details

Location	Completed	Total Cost
US 30 from PA 41 to PA 772. Gap, Salisbury Township	02/28/2018	\$18,923,173

Project Description

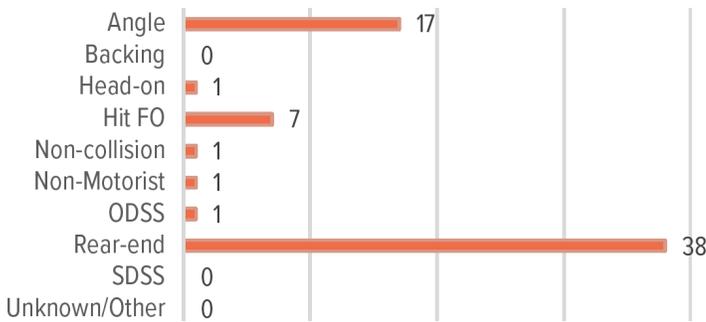
- Corridor Safety Improvements include signal optimization, corridor enhancements, improve safety, add auxiliary turn lanes.

Summary of Crash Details

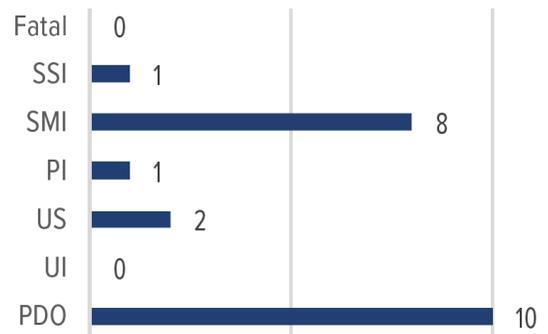
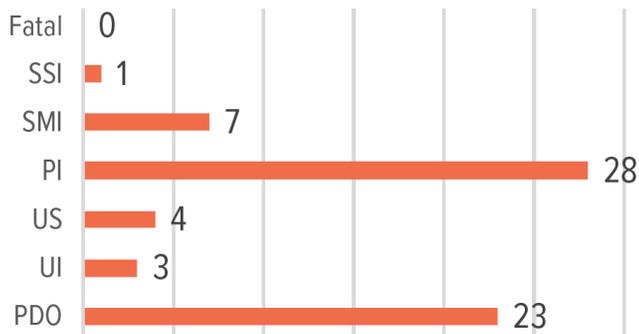


Crash Details – Gap Bottleneck Improvement

Type	Five Years Before Project						Five Years After Project					
	2010	2011	2012	2013	2014	Total	2018	2019	2020	2021	2022	Total
Angle	4	3	5	3	2	17	4	-	2	2	2	10
Backing	-	-	-	-	-	0	0	1	-	-	-	1
Head-on	-	-	-	1	-	1	-	-	-	-	-	0
Hit FO	-	3	3	-	1	7	1	1	-	-	1	3
Non-collision	-	1	-	-	-	1	-	-	-	-	-	0
Non-Motorist	-	-	1	-	-	1	1	-	-	-	-	1
ODSS	-	-	-	1	-	1	-	-	-	-	-	0
Rear-end	7	9	7	6	9	38	1	1	2	-	1	5
SDSS	-	-	-	-	-	0	-	-	-	2	-	2
Unknown/Other	-	-	-	-	-	0	-	-	-	-	-	0
Total	11	16	16	11	12	66	4	4	4	4	6	22



Severity	Five Years Before Project						Five Years After Project					
	2010	2011	2012	2013	2014	Total	2018	2019	2020	2021	2022	Total
Fatal	-	-	-	-	-	0	-	-	-	-	-	0
SSI	-	-	1	-	-	1	-	-	-	1	-	1
SMI	1	2	1	-	3	7	2	2	1	2	1	8
PI	6	5	5	7	5	28	-	-	1	-	-	1
US	-	1	1	1	1	4	2	-	-	-	-	2
UI	1	2	-	-	-	3	-	-	-	-	-	0
PDO	3	6	8	3	3	23	2	2	2	1	3	10
Total	11	15	16	11	12	66	4	4	4	4	6	22



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

Harrisburg Pike / Dillerville Road



Image Source: Google Earth

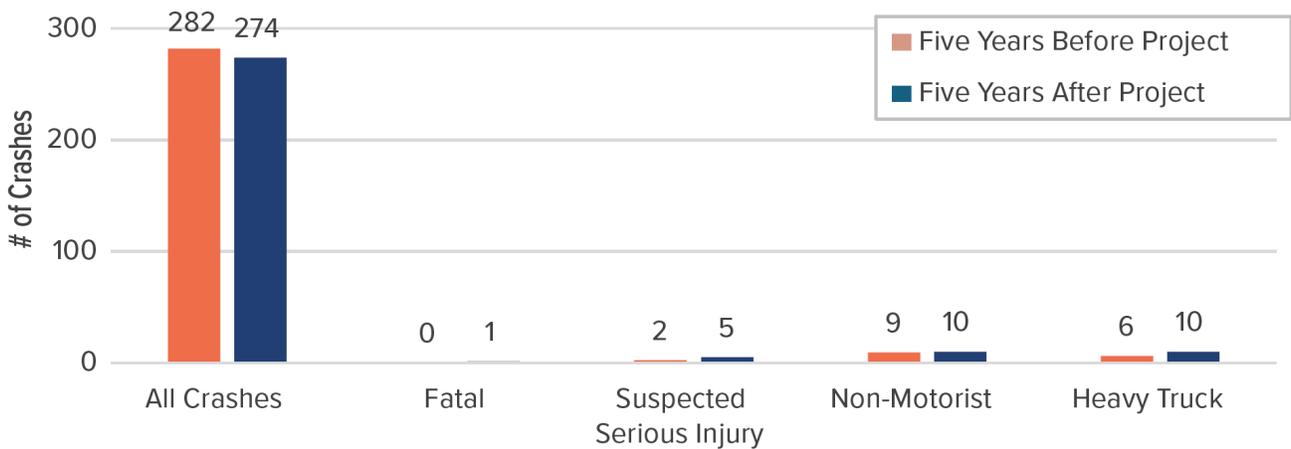
Project Details

Location	Completed	Total Cost
Along Harrisburg Pike, from Hemlock Drive to Mulberry Street. East Hempfield Township, Manheim Township, and Lancaster City	09/14/2017	\$3,661,185

Project Description

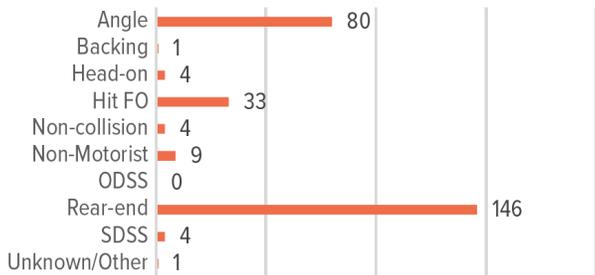
- Add adaptive traffic signal equipment to intersections along Harrisburg Pike.
- Originally proposed work to Dillerville Road was removed from project.

Summary of Crash Details

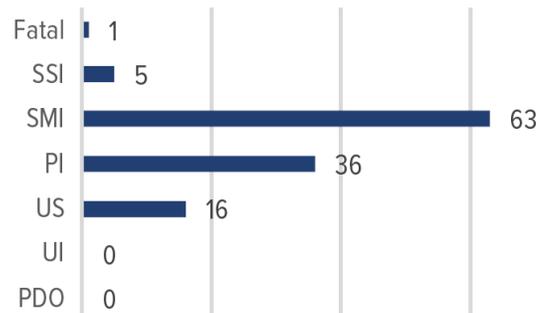
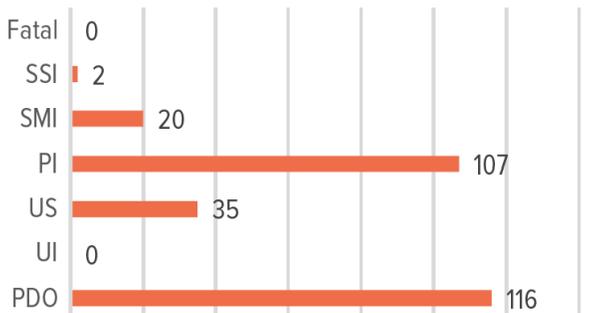


Crash Details – Harrisburg Pike / Dillerville Road

Type	Five Years Before Project						Five Years After Project					
	2011	2012	2013	2014	2015	Total	2018	2019	2020	2021	2022	Total
Angle	23	17	11	13	16	80	13	20	13	20	27	93
Backing	-	-	-	-	1	1	-	-	-	-	-	0
Head-on	-	-	1	1	2	4	2	2	3	1	1	9
Hit FO	3	6	9	5	10	33	6	5	5	7	9	32
Non-collision	1	1	-	1	1	4	2	2	-	2	1	7
Non-Motorist	0	3	2	2	2	9	2	1	2	1	4	10
ODSS	-	-	-	-	-	0	1	-	-	-	-	1
Rear-end	27	24	30	30	35	146	25	17	25	24	26	117
SDSS	1	-	1	2	-	4	1	3	0	1	0	5
Unknown/Other	-	-	-	1	-	1	-	-	-	-	-	0
Total	55	51	54	55	67	282	52	50	48	56	68	274



Severity	Five Years Before Project						Five Years After Project					
	2011	2012	2013	2014	2015	Total	2018	2019	2020	2021	2022	Total
Fatal	-	-	-	-	-	0	-	-	-	-	1	1
SSI	-	-	1	1	-	2	1	1	1	-	2	5
SMI	3	2	3	2	10	20	10	14	12	9	18	63
PI	21	19	21	29	17	107	13	5	2	7	9	36
US	7	8	7	7	6	35	2	3	3	3	5	16
UI	-	-	1	-	1	2	1	-	5	1	-	7
PDO	24	22	21	16	33	116	25	27	25	36	33	146
Total	55	51	54	55	67	282	52	50	48	56	68	274



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

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PROJECTS IN ACTIVE EVALUATION

The following projects have **four** years of post-construction data. Completion of evaluations is pending the PCIT's annual update of crash data, up to five years after construction has been completed.

<i>Project ID</i>	<i>Type</i>	<i>Project Title</i>	<i>Description</i>	<i>Date Completed</i>
106769	Safety Improvement	2017 District Cable Median	Installation of cable median barriers at various counties District wide. PA 283.	7/15/2020
90490	Intersection Improvement	PA 272 Intersection Improvement	Construction of intersection improvements at three intersections on PA 272.	12/22/2020

2017 District Cable Median



Before Construction



After Construction

Image Source: Google Earth

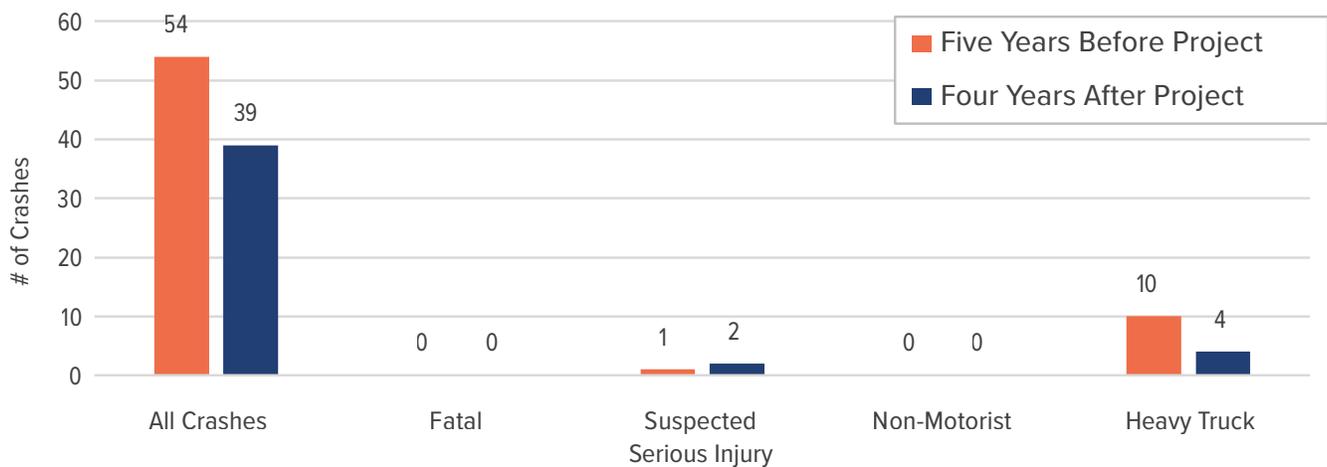
Project Details

Location	Completed	Total Cost
PA 283, North of Mount Joy Borough, between Risser Mill Road and Strickler Road. Mount Joy Township and Rapho Township	7/15/2020	\$2,971,891.33

Project Description

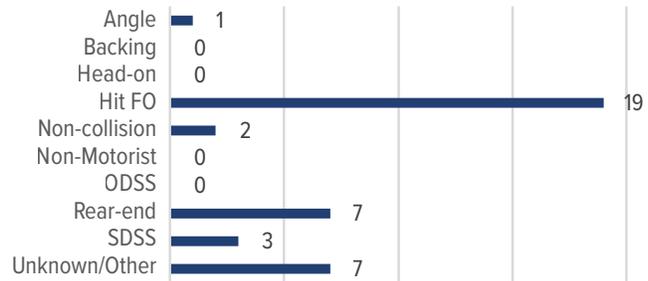
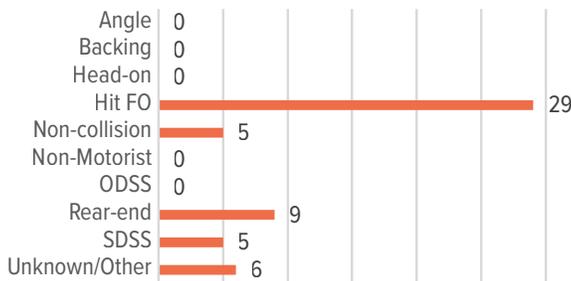
- Installation of high-tension cable median barriers at various counties in District 8.

Summary of Crash Details

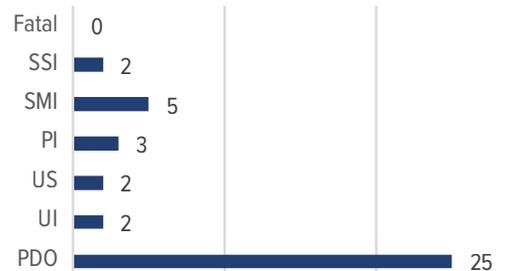
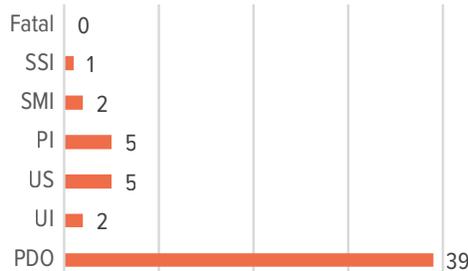


Crash Details – 2017 District Cable Median, PA 283 North of Mount Joy Borough

Type	Five Years Before Project						Four Years After Project					
	2015	2016	2017	2018	2019	Total	2021	2022	2023	2024	2025	Total
Angle	-	-	-	-	-	0	-	1	-	-	NA	1
Backing	-	-	-	-	-	0	-	-	-	-	NA	0
Head-on	-	-	-	-	-	0	-	-	-	-	NA	0
Hit FO	8	6	4	4	7	29	7	5	2	5	NA	19
Non-collision	2	2	0	0	1	5	-	-	1	1	NA	2
Non-Motorist	-	-	-	-	-	0	-	-	-	-	NA	0
ODSS	-	-	-	-	-	0	-	-	-	-	NA	0
Rear-end	2	2	1	1	3	9	3	1	2	1	NA	7
SDSS	1	-	1	-	3	5	1	-	1	1	NA	3
Unknown/Other	-	2	2	-	2	6	1	1	3	2	NA	7
Total	13	12	8	5	16	54	12	8	9	10	0	39



Severity	Five Years Before Project						Four Years After Project					
	2015	2016	2017	2018	2019	Total	2021	2022	2023	2024	2025	Total
Fatal	-	-	-	-	-	0	-	-	-	-	NA	0
SSI	-	1	-	-	-	1	1	-	-	1	NA	2
SMI	1	1	-	-	-	2	-	1	1	3	NA	5
PI	-	1	-	-	4	5	1	1	1	-	NA	3
US	-	2	1	-	2	5	1	-	-	1	NA	2
UI	-	-	2	-	-	2	-	-	1	1	NA	2
PDO	12	7	5	5	10	39	9	6	6	4	NA	25
Total	13	12	8	5	16	54	12	8	9	10	0	39



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

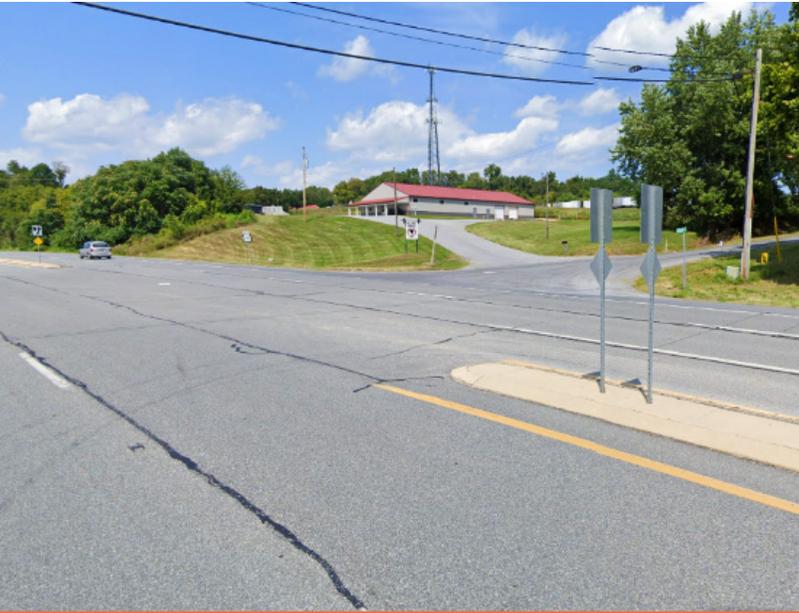
PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

PA 272 Intersection Improvement, Location #1



Before Construction



After Construction

Image Source: Google Earth

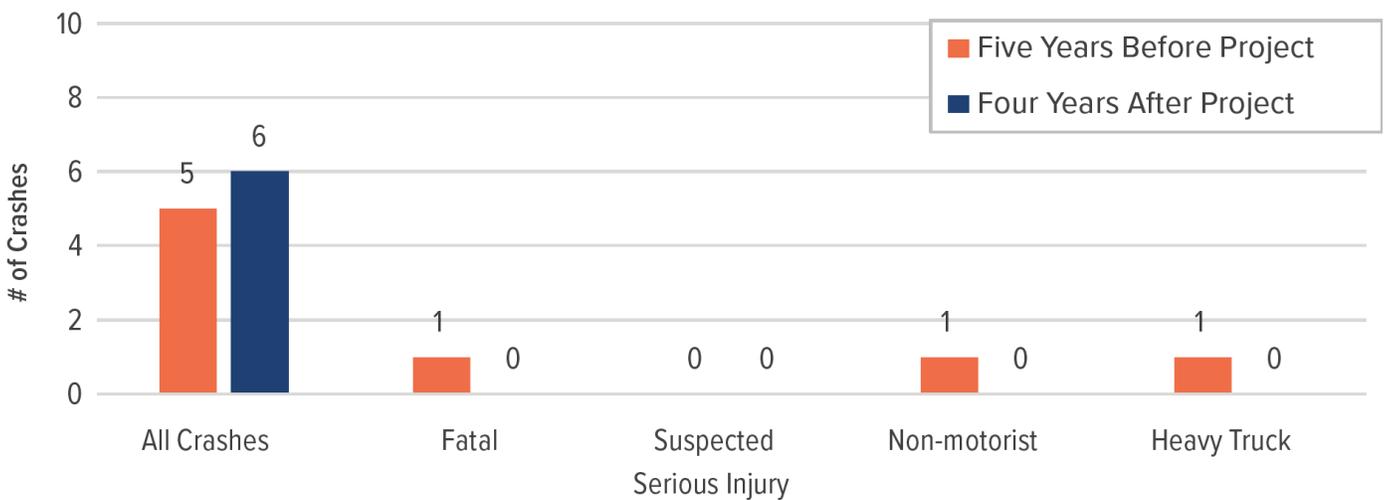
Project Details

Location	Completed	Total Cost
One of three intersections in this project that had safety improvement construction: Location 1: PA 272 and Byerland Church Road intersection. Providence Township	12/22/2020	\$6,318,265.11

Project Description

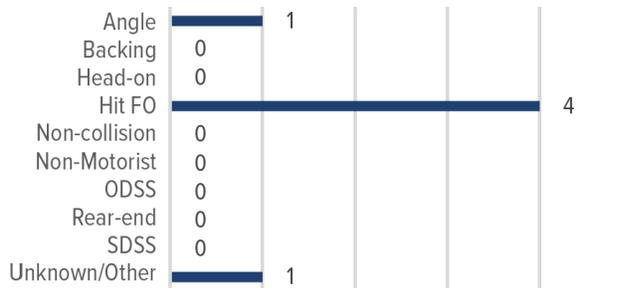
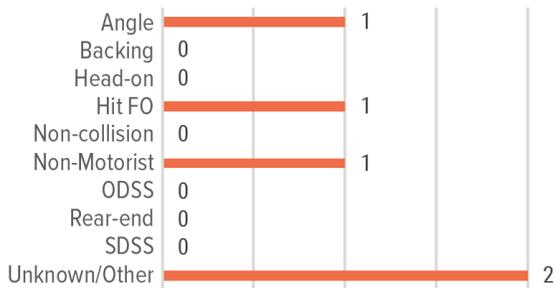
- Construction of intersection improvements at three intersections on PA 272.

Summary of Crash Details

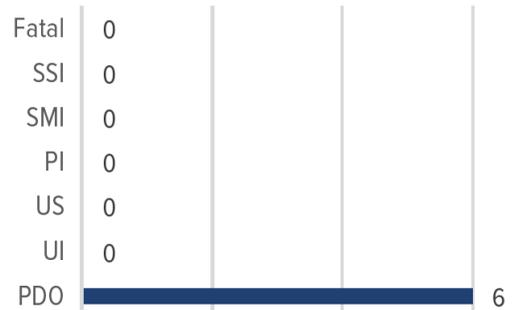
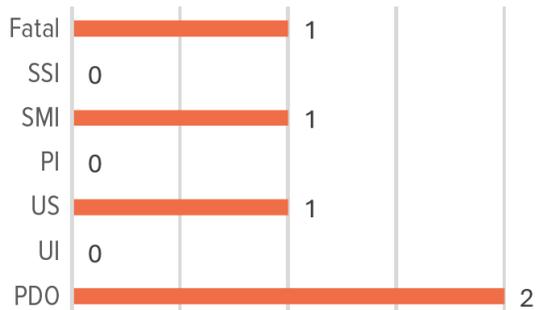


Crash Details – PA 272 Intersection Improvement, Location #1

Type	Five Years Before Project						Four Years After Project					
	2015	2016	2017	2018	2019	Total	2021	2022	2023	2024	2025	Total
Angle	-	-	-	-	1		-	-	-	1	NA	
Backing	-	-	-	-	-		-	-	-	-	NA	
Head-on	-	-	-	-	-		-	-	-	-	NA	
Hit FO	-	-	-	-	1		1	1	2	-	NA	
Non-collision	-	-	-	-	-		-	-	-	-	NA	
Non-Motorist	1	-	-	-	-		-	-	-	-	NA	
ODSS	-	-	-	-	-		-	-	-	-	NA	
Rear-end	-	-	-	-	-		-	-	-	-	NA	
SDSS	-	-	-	-	-		-	-	-	-	NA	
Unknown/Other	-	-	1	-	1		-	-	1	-	NA	
Total	1	0	1	0	3	5	1	1	3	1	0	6



Severity	Five Years Before Project						Four Years After Project					
	2015	2016	2017	2018	2019	Total	2021	2022	2023	2024	2025	Total
Fatal	-	-	-	-	1	1	-	-	-	-	NA	0
SSI	-	-	-	-	-	0	-	-	-	-	NA	0
SMI	-	-	-	-	1	1	-	-	-	-	NA	0
PI	-	-	-	-	-	0	-	-	-	-	NA	0
US	1	-	-	-	-	1	-	-	-	-	NA	0
UI	-	-	-	-	-	0	-	-	-	-	NA	0
PDO	-	-	1	-	1	2	1	1	3	1	NA	6
Total	1	0	1	0	3	5	1	1	3	1	0	6



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

PA 272 Intersection Improvement, Location #2



Before Construction



After Construction

Image Source: Google Earth

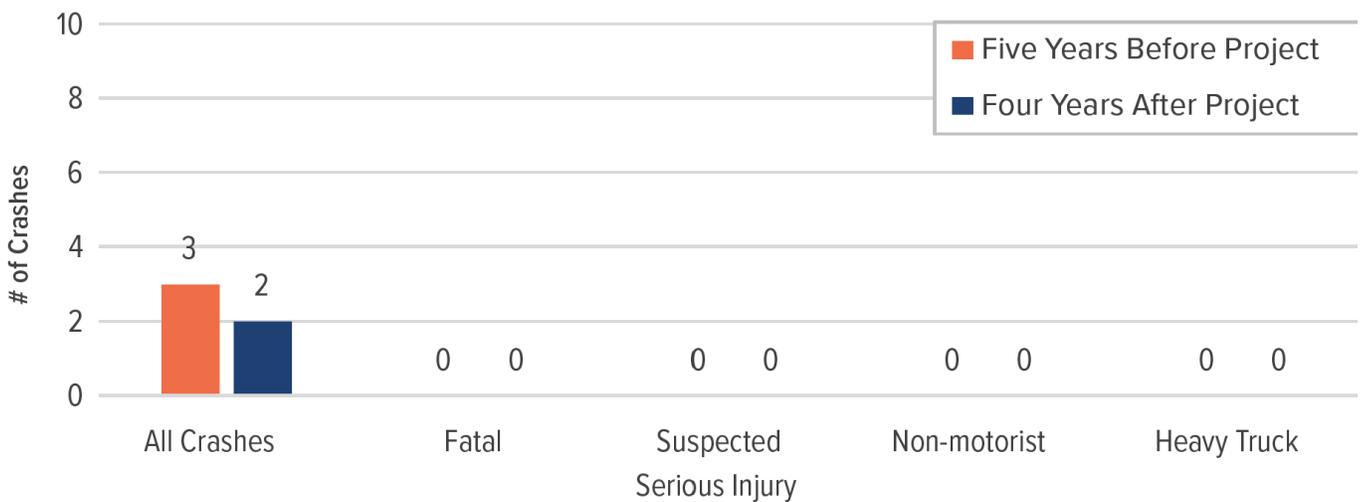
Project Details

Location	Completed	Total Cost
Two of three intersections in this project that had safety improvement construction:	12/22/2020	\$6,318,265.11
Location 2: PA 272 and Mount Hope School Road intersection. Providence Township		

Project Description

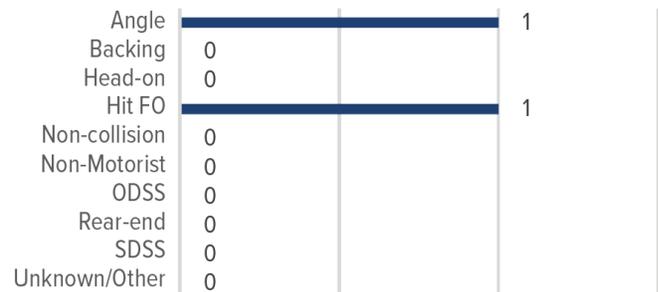
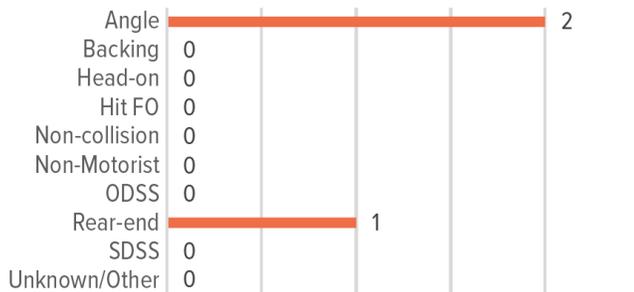
- Construction of intersection improvements at three intersections on PA 272.

Summary of Crash Details

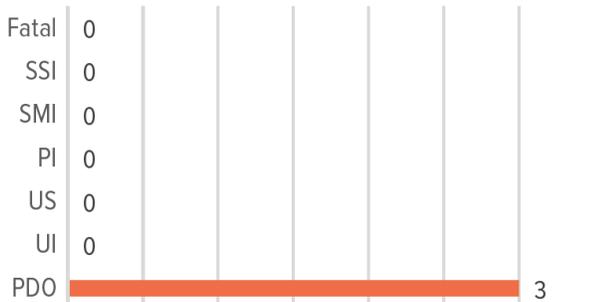


Crash Details – PA 272 Intersection Improvement, Location #2

Type	Five Years Before Project						Four Years After Project					
	2015	2016	2017	2018	2019	Total	2021	2022	2023	2024	2025	Total
Angle	-	-	-	-	2		1	-	-	-	NA	
Backing	-	-	-	-	-		-	-	-	-	NA	
Head-on	-	-	-	-	-		-	-	-	-	NA	
Hit FO	-	-	-	-	-		-	1	-	-	NA	
Non-collision	-	-	-	-	-		-	-	-	-	NA	
Non-Motorist	-	-	-	-	-		-	-	-	-	NA	
ODSS	-	-	-	-	-		-	-	-	-	NA	
Rear-end	-	-	1	-	-		-	-	-	-	NA	
SDSS	-	-	-	-	-		-	-	-	-	NA	
Unknown/Other	-	-	-	-	-		-	-	-	-	NA	
Total	0	0	1	0	2	3	1	1	0	0	0	2



Severity	Five Years Before Project						Four Years After Project					
	2015	2016	2017	2018	2019	Total	2021	2022	2023	2024	2025	Total
Fatal	-	-	-	-	-	0	-	-	-	-	NA	0
SSI	-	-	-	-	-	0	-	-	-	-	NA	0
SMI	-	-	-	-	-	0	-	-	-	-	NA	0
PI	-	-	-	-	-	0	-	-	-	-	NA	0
US	-	-	-	-	-	0	-	-	-	-	NA	0
UI	-	-	-	-	-	0	-	-	-	-	NA	0
PDO	-	-	1	-	2	3	1	1	-	-	NA	2
Total	0	0	1	0	2	3	1	1	0	0	0	2



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

PA 272 Intersection Improvement, Location #3



Before Construction



After Construction

Image Source: Google Earth

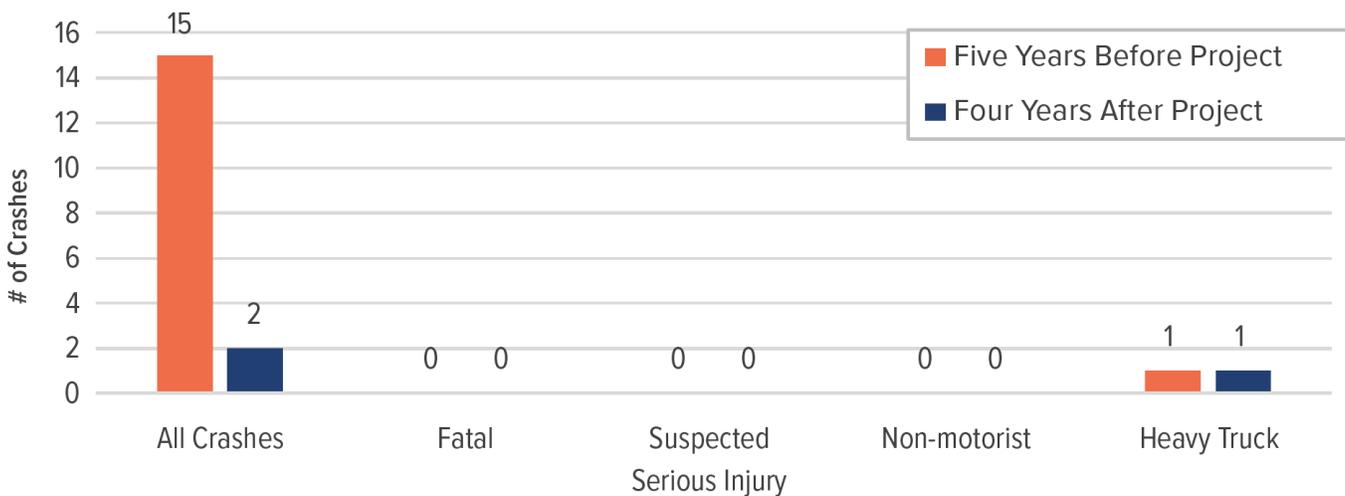
Project Details

Location	Completed	Total Cost
Three of three intersections in this project that had safety improvement construction.	12/22/2020	\$6,318,265.11
Location 3: PA 272 and Pennsy Road intersection. Providence Township		

Project Description

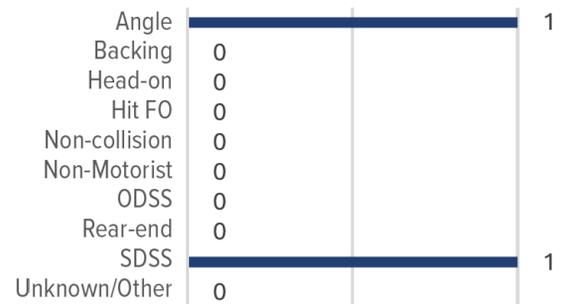
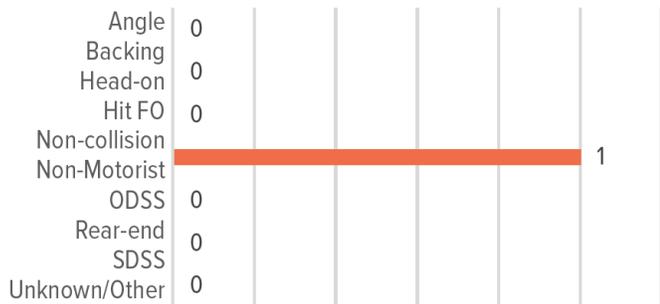
- Construction of intersection improvements at three intersections on PA 272.

Summary of Crash Details

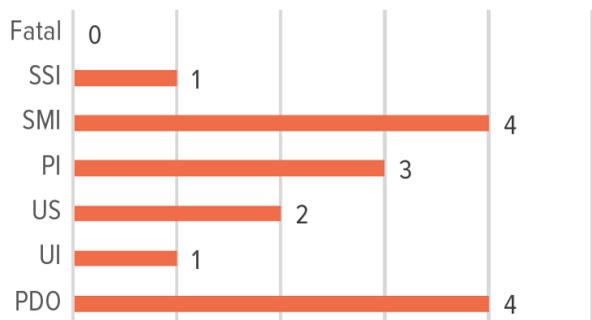


Crash Details – PA 272 Intersection Improvement, Location #3

Type	Five Years Before Project						Four Years After Project					
	2015	2016	2017	2018	2019	Total	2021	2022	2023	2024	2025	Total
Angle	3	3	3	3	2	14	-	-	-	1	NA	1
Backing	-	-	-	-	-	0	-	-	-	-	NA	0
Head-on	-	-	-	-	-	0	-	-	-	-	NA	0
Hit FO	-	-	-	-	-	0	-	-	-	-	NA	0
Non-collision	-	-	-	-	-	0	-	-	-	-	NA	0
Non-Motorist	-	-	-	-	-	0	-	-	-	-	NA	0
ODSS	-	-	-	-	1	1	-	-	-	-	NA	0
Rear-end	-	-	-	-	-	0	-	-	-	-	NA	0
SDSS	-	-	-	-	-	0	1	-	-	-	NA	1
Unknown/Other	-	-	-	-	-	0	-	-	-	-	NA	0
Total	3	3	3	3	3	15	1	0	0	0	0	2



Severity	Five Years Before Project						Four Years After Project					
	2015	2016	2017	2018	2019	Total	2021	2022	2023	2024	2025	Total
Fatal	-	-	-	-	-	0	-	-	-	-	NA	0
SSI	-	-	-	1	-	1	-	-	-	-	NA	0
SMI	-	-	2	1	1	4	-	-	-	-	NA	0
PI	2	-	-	-	1	3	-	-	-	-	NA	0
US	-	1	1	-	-	2	-	-	-	-	NA	0
UI	-	-	-	1	-	1	-	-	-	-	NA	0
PDO	1	2	-	-	1	4	1	-	-	1	NA	2
Total	3	3	3	3	3	15	1	0	0	1	0	2



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

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PROJECTS IN ACTIVE EVALUATION

The following projects have **three** years of post-construction data. Completion of evaluations is pending the PCIT's annual update of crash data, up to five years after construction has been completed.

<i>Project ID</i>	<i>Type</i>	<i>Project Title</i>	<i>Description</i>	<i>Date Completed</i>
114451	Safety Improvement	SR 340 & New Holland Road Intersection	Installation of a traffic signal at the intersection SR 340 and New Holland Road.	4/15/2021
90491	Intersection Improvement	US 222 & US 322 Interchange Improvement	Safety improvement project involving the construction of a Diverging Diamond Interchange at US 222 & US 322.	5/17/2021
64829	Safety Improvement	State Road Interchange	Upgrade PA 283 and State Rd (PA 722) interchange, replace and widen bridges over PA-283 and over Amtrak railroad.	6/03/2021

SR 340 and New Holland Road Intersection



Before Construction



After Construction

Image Source: Google Earth

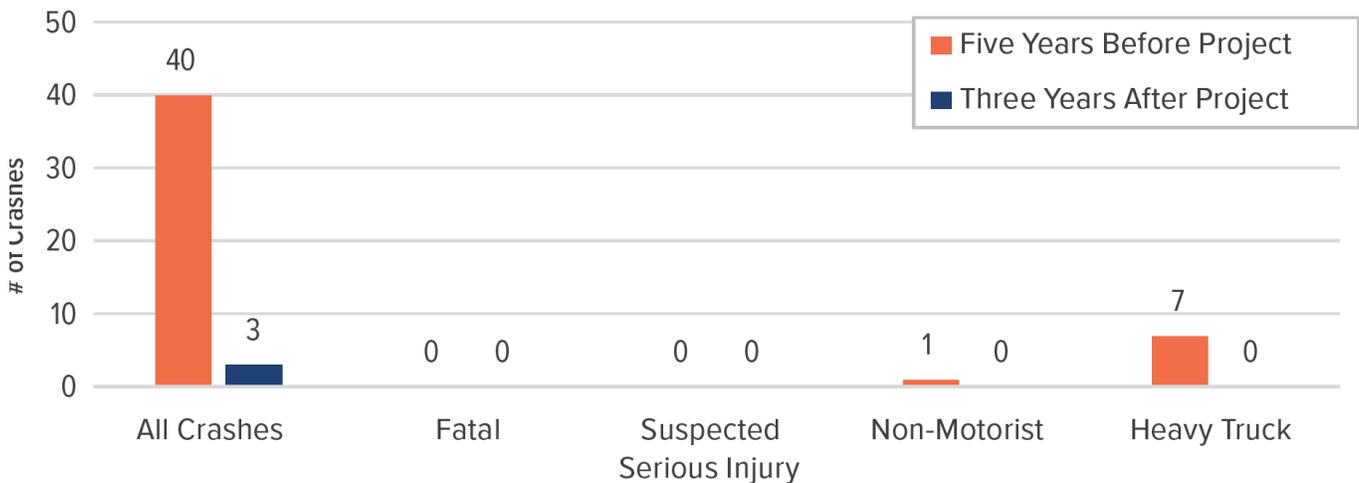
Project Details

Location	Completed	Total Cost
SR 340 and New Holland Road intersection. Leacock Township	4/15/2021	\$199,913.73

Project Description

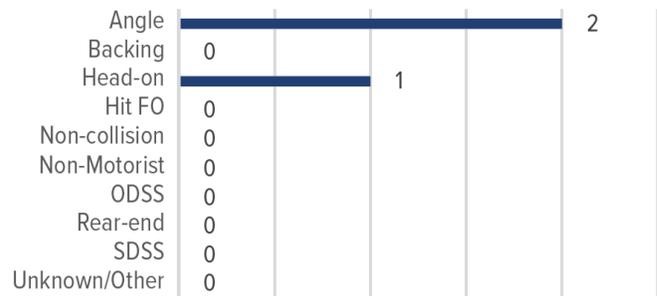
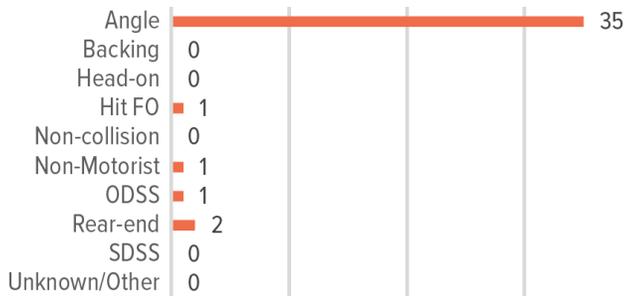
- Installation of a traffic signal at the intersection SR 340 and New Holland Road.

Summary of Crash Details

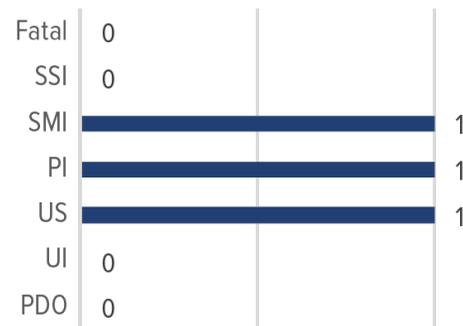
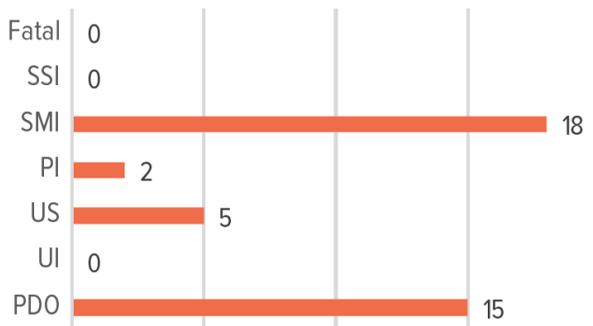


Crash Details – SR 340 and New Holland Road Intersection

Type	Five Years Before Project						Three Years After Project					
	2016	2017	2018	2019	2020	Total	2022	2023	2024	2025	2026	Total
Angle	8	1	13	9	4	35	1	-	1	NA	NA	2
Backing	-	-	-	-	-	0	-	-	-	NA	NA	0
Head-on	-	-	-	-	-	0	1	-	-	NA	NA	1
Hit FO	-	1	-	-	-	1	-	-	-	NA	NA	0
Non-collision	-	-	-	-	-	0	-	-	-	NA	NA	0
Non-Motorist	-	1	-	-	-	1	-	-	-	NA	NA	0
ODSS	-	-	-	-	1	1	-	-	-	NA	NA	0
Rear-end	-	1	1	-	-	2	-	-	-	NA	NA	0
SDSS	-	-	-	-	-	0	-	-	-	NA	NA	0
Unknown/Other	-	-	-	-	-	0	-	-	-	NA	NA	0
Total	8	4	14	9	5	40	2	0	1	0	0	3



Severity	Five Years Before Project						Three Years After Project					
	2016	2017	2018	2019	2020	Total	2022	2023	2024	2025	2026	Total
Fatal	-	-	-	-	-	0	-	-	-	NA	NA	0
SSI	-	-	-	-	-	0	-	-	-	NA	NA	0
SMI	3	-	7	4	4	18	1	-	-	NA	NA	1
PI	-	1	-	1	-	2	1	-	-	NA	NA	1
US	-	1	1	3	-	5	-	-	1	NA	NA	1
UI	-	-	-	-	-	0	-	-	-	NA	NA	0
PDO	1	4	2	4	4	15	-	-	-	NA	NA	0
Total	5	8	4	14	9	40	2	0	1	0	0	3



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

US 222 & US 322 Interchange Improvement



Before Construction



After Construction

Image Source: Google Earth

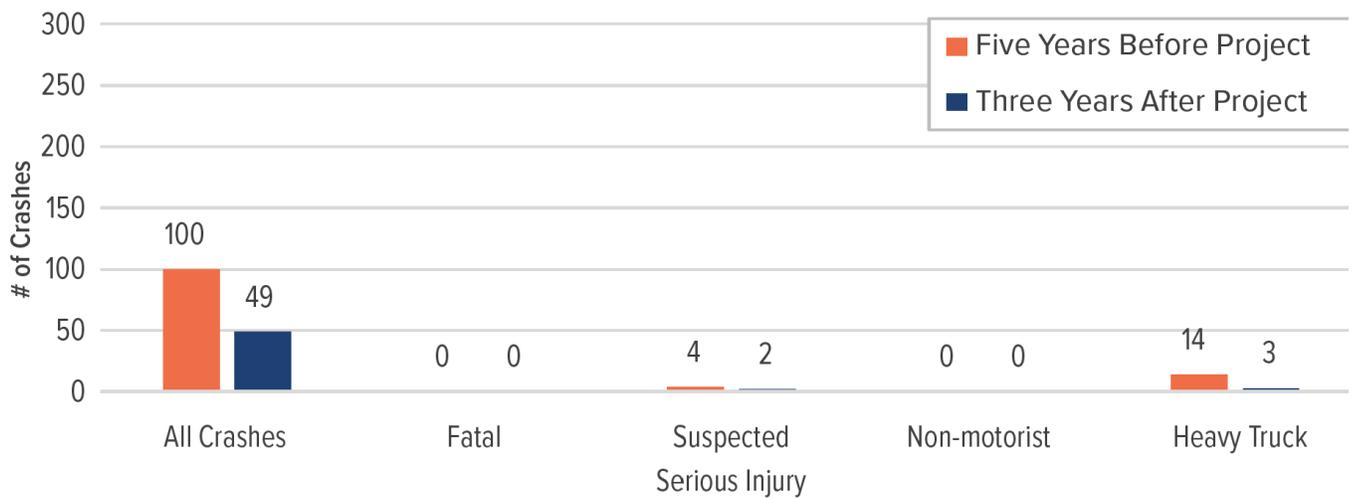
Project Details

Location	Completed	Total Cost
US 222 & US 322 Interchange. Ephrata Township and West Earl Township	5/17/2021	\$14,226,256.19

Project Description

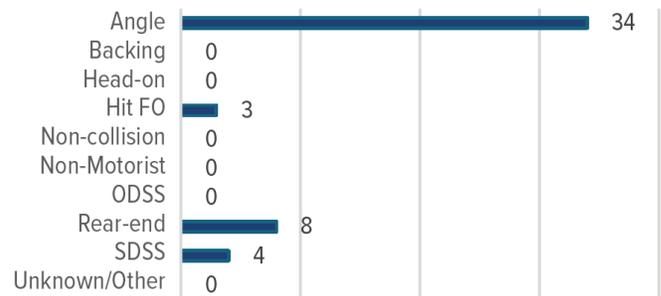
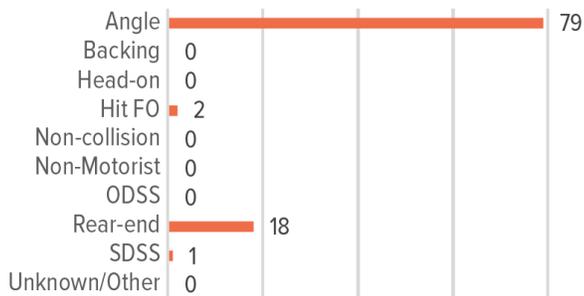
- Safety improvement project involving the construction of a Diverging Diamond Interchange at US 222 & US 322.

Summary of Crash Details

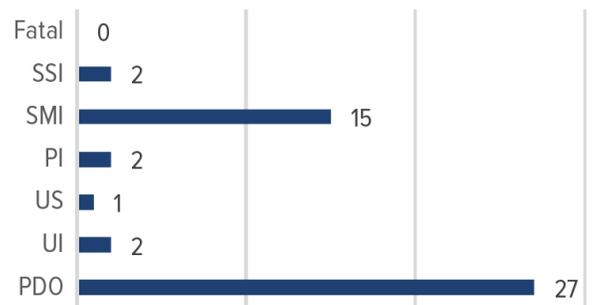
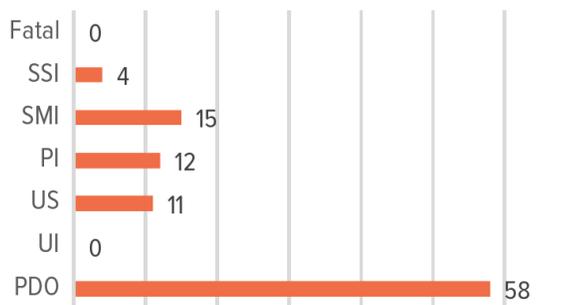


Crash Details – US 222 and US 322 Interchange Improvement

Type	Five Years Before Project						Three Years After Project					
	2015	2016	2017	2018	2019	Total	2022	2023	2024	2025	2026	Total
Angle	16	19	15	17	12	79	11	13	10	NA	NA	34
Backing	-	-	-	-	-	0	-	-	-	NA	NA	0
Head-on	-	-	-	-	-	0	-	-	-	NA	NA	0
Hit FO	1	0	0	1	0	2	1	-	2	NA	NA	3
Non-collision	-	-	-	-	-	0	-	-	-	NA	NA	0
Non-Motorist	-	-	-	-	-	0	-	-	-	NA	NA	0
ODSS	-	-	-	-	-	0	-	-	-	NA	NA	0
Rear-end	3	2	5	5	3	18	3	4	1	NA	NA	8
SDSS	-	1	-	-	-	1	-	-	4	NA	NA	4
Unknown/Other	-	-	-	-	-	0	-	-	-	NA	NA	0
Total	20	22	20	23	15	100	15	17	17	0	0	49



Severity	Five Years Before Project						Three Years After Project					
	2015	2016	2017	2018	2019	Total	2022	2023	2024	2025	2026	Total
Fatal	-	-	-	-	-	0	-	-	-	NA	NA	0
SSI	0	2	0	2	0	4	1	-	1	NA	NA	2
SMI	2	0	3	6	4	15	4	6	5	NA	NA	15
PI	4	2	2	3	1	12	-	1	1	NA	NA	2
US	1	1	6	1	2	11	-	-	1	NA	NA	1
UI	-	-	-	-	-	0	2	-	-	NA	NA	2
PDO	13	17	9	11	8	58	8	10	9	NA	NA	27
Total	20	22	20	23	15	100	15	17	17	0	0	49



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

PI – Possible injury

US – Unknown severity

UI – Unknown if injured

PDO – Property damage only

State Road Interchange



Before Construction

After Construction

Image Source: Google Earth

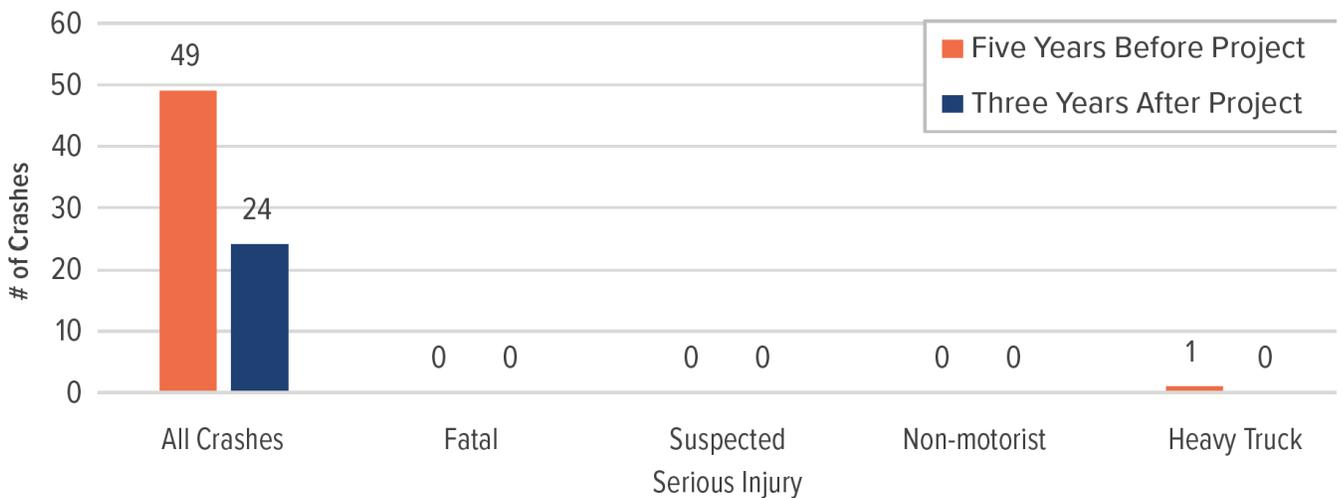
Project Details

Location	Completed	Total Cost
PA 722 over PA 283 and Amtrak Railroad. East Hempfield Township	06/03/2021	\$31,673,426.85

Project Description

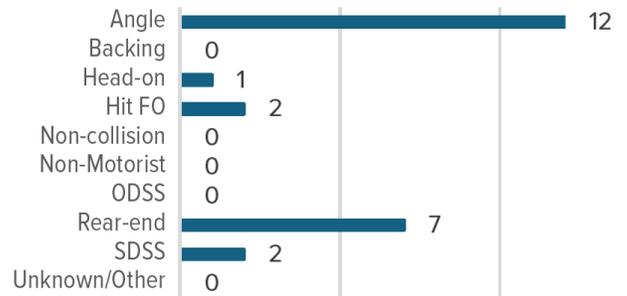
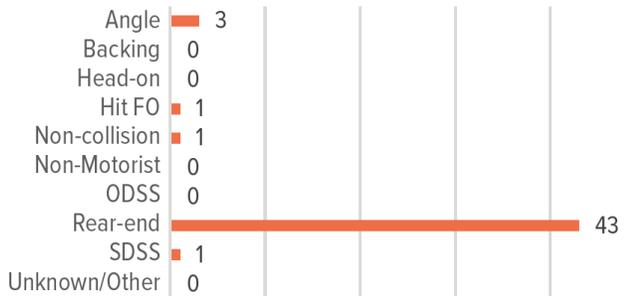
- Upgrade State Rd (PA 722) and PA 283 interchange, replace and widen bridges over PA-283 and over Amtrak railroad

Summary of Crash Details

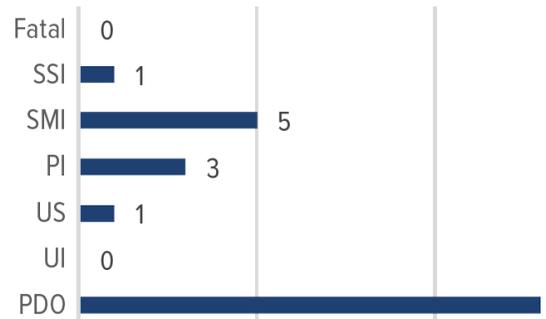
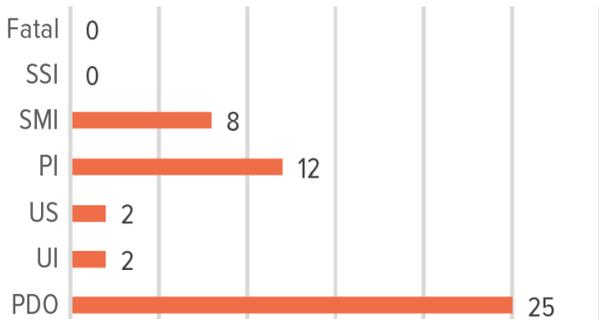


Crash Details – State Road Interchange

Type	Five Years Before Project						Three Years After Project					
	2015	2016	2017	2018	2019	Total	2022	2023	2024	2025	2026	Total
Angle	1	2	-	-	-	3	2	2	8	NA	NA	12
Backing	-	-	-	-	-	0	-	-	-	NA	NA	0
Head-on	-	-	-	-	-	0	-	1	-	NA	NA	1
Hit FO	-	-	-	-	1	1	-	1	1	NA	NA	2
Non-collision	-	-	1	-	-	1	-	-	-	NA	NA	0
Non-Motorist	-	-	-	-	-	0	-	-	-	NA	NA	0
ODSS	-	-	-	-	-	0	-	-	-	NA	NA	0
Rear-end	18	8	5	10	2	43	1	3	3	NA	NA	7
SDSS	-	1	-	-	-	1	1	0	1	NA	NA	2
Unknown/Other	-	-	-	-	-	0	-	-	-	NA	NA	0
Total	19	11	6	10	3	49	4	7	13	0	0	24



Severity	Five Years Before Project						Three Years After Project					
	2015	2016	2017	2018	2019	Total	2022	2023	2024	2025	2026	Total
Fatal	-	-	-	-	-	0	-	-	-	NA	NA	0
SSI	-	-	-	-	-	0	-	1	-	NA	NA	1
SMI	1	2	-	4	1	8	-	2	3	NA	NA	5
PI	4	4	2	2	-	12	-	1	2	NA	NA	3
US	2	-	-	-	-	2	1	0	0	NA	NA	1
UI	2	-	-	-	-	2	-	-	-	NA	NA	0
PDO	10	5	4	4	2	25	3	3	8	NA	NA	14
Total	19	11	6	10	3	49	4	7	13	0	0	24



FO – Hit fixed object

ODSS – Opposite direction side swipe

SDSS – Same direction side swipe

SSI – Suspected serious injury

SMI – Suspected minor injury

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LANCASTER COUNTY
PLANNING
Lancaster, Pennsylvania

Lancaster County Planning Department
150 North Queen Street • Suite 320 • Lancaster, Pennsylvania 17603
717-299-8333

www.lancastercountyplanning.org



SAFETY EVALUATION OF TIP PROJECTS
Lancaster County, Pennsylvania
DECEMBER 2025