SR 21 ACCESS MANAGEMENT STUDY

APPENDIX A

PUBLIC ENGAGEMENT MATERIALS

SR 21 ACCESS MANAGEMENT STUDY

PUBLIC PARTICIPATION PLAN

PROJECT PURPOSE

The City of Garden City, Georgia, is seeing considerable development and redevelopment within its jurisdiction. Much of the development is the redevelopment of portions of the corridor. The Savannah-Chatham County Public School System (SCCPSS) is in the process of constructing a new K-12 campus at the intersection of SR 21 and Pricilla D. Thomas Way. The new school is expected to stimulate significant redevelopment of the area. Garden City would like to have a plan in place that limits the number of conflict points along their section of the corridor.

Meaningful engagement of the community is critical to ensure that residents, businesses, community leaders, and other stakeholders have an opportunity to actively participate in the process and support the final project recommendations. This Public Participation Plan serves as a guide for the Project Team and should be considered a living document that can be adjusted as needed to ensure public participation goals are met or exceeded.

PUBLIC PARTICIPATION GOALS AND PROCESS

The SR 21 Access Management Corridor Study will adhere to the requirements and recommendations outlined in the CORE MPO's Public Participation Plan.

The goals of public participation for the SR 21 Access Management Corridor Study are to:

1. Raise the level of awareness of how interested residents and other interested parties can become involved in the Study.
2. Ensure that those interested in the Study have adequate, appropriate, and meaningful opportunities to participate.
3. Utilize the Project Advisory Group to reach interested parties in the community and within the planning area.

PROJECT ADVISORY GROUP (PAG)

Early in the process, a Project Advisory Group (PAG) will be established to provide critical input and feedback regarding the development of the SR 21 Access Management Corridor Study. This group can also act as ambassadors for the project by sharing information with their constituent groups and encouraging members of the community to actively participate in the planning process.

The PAG will consist of key stakeholders, such as agencies, local government partners, the school district, business owners, operators and tenants, and relevant community organizations. A list of the PAG members and organizations is available on the following page.

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The project team will hold up to three workshop-style meetings with the PAG. The goal of the each of the three meetings are shown below:

- *Meeting 1: Develop Study Goals; Corridor Vision; Identify Needs and Opportunities*
  Tentative timeframe: May 2021

- *Meeting 2: Seek Feedback on Draft Recommendations and Concepts for Corridor*
  Tentative timeframe: July 2021

- *Meeting 3: Seek Feedback on Final Recommendations and Concepts for Corridor*
  Tentative timeframe: September 2021

The PAG meetings will be held virtually, in-person with CDC guidelines in place, or as a hybrid in-person/virtual format. The project team will manage meeting logistics, invitations to PAG members, and develop meeting summaries.

COMMUNITY ENGAGEMENT

PUBLIC MEETINGS/VIRTUAL PUBLIC FORUMS

Public Meetings/Virtual Public Forums provide valuable opportunities for members of the community to participate in the SR 21 Access Management Corridor Study by providing feedback at critical times during the development of the plan. Up to two meetings will be held. At a minimum, Meeting 2 will include an in-person open house following appropriate CDC guidelines. The in-person open house will be hosted at a facility that is fully accessible for those with physical disabilities.

The goal of the each of the two meetings are shown below:

- *Meeting 1: Develop Study Goals; Corridor Vision; Identify Needs and Opportunities*
  Tentative timeframe: May 2021

- *Meeting 2: Seek Feedback on Draft recommendations and Concepts for the SR 21 Corridor*
  Tentative timeframe: August 2021

ORGANIZED/ POP-UP INTERCEPTS

The project team will host or participate in up to three events within Garden City and/or Chatham County - such as business association meetings, festivals, school events, and faith-based organizations. This approach will expand opportunities for the community to participate in the planning process by 'meeting people where they are' at events they are already attending.

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ONLINE ENGAGEMENT

The project team will assist the CORE MPO with a project-specific website, to be hosted on the MPC website. This website will serve as a hub for all information, project documentation, findings, and schedules for the study.

- Coordinate with participating agencies and municipalities for promotion on their social media channels.
- Prepare and disseminate up to three Online Surveys to capture targeted feedback from the overall community. Online integrative platforms, such as SurveyMonkey, Wikimapping, and Social Pinpoint, may be used for this effort. Additionally, paper copies of the surveys will be kept at key locations in the study area to accommodate all citizens. Example locations include the Port City Branch Library, area businesses, and Garden City City Hall (although not located on the corridor).

Finally, SMS text surveys may be used as an alternative to allows citizens to "opt in" to receive the surveys and do not require certain internet data limits. Up to three online surveys will be hosted for this study as shown below:

- Online Survey 1: Corridor; Identify Needs and Opportunities (April/May)
- Online Survey 2: Provide Feedback on Draft Recommendations (June/July)
- Online Survey 3: Provide Feedback on Final Recommendations (September)

MEDIA ENGAGEMENT

Media releases will be prepared for key milestones in the SR 21 Access Management Corridor Study, particularly targeting public meetings and workshops. The Project Team will collaborate with the CORE MPO and Garden City to issue coordinated releases to local media, including newspapers and radio stations.

EMAIL UPDATES

Early in the process, a database will be established to be used for email blasts to engage and inform residents and stakeholders. The Project Team will send out regular updates to invite stakeholders to participate through surveys and/or meetings. An email sign-up form will be available on the project website.

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ELECTED AND APPOINTED LEADERSHIP

The SR 21 Access Management Corridor Study is a joint initiative between the City of Garden City and the CORE MPO and therefore the leadership of each should be engaged and informed throughout the Study. Presentations will be provided to the CORE MPO Policy Board and the City of Garden City City Council during two major project milestones – concept development and final recommendations. Based on the meeting calendars for each, presentations are tentatively anticipated as follows:

CORE MPO Board Meetings

- Needs Assessment/Concept Development: August 25, 2021
- Final Recommendations: December 15, 2021

Garden City City Council meetings/workshop

- Needs Assessment/Concept Development: August 16, 2021
- Final Recommendations: December 6, 2021

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WELCOME

Thanks for Joining the

SR 21 Access Management Study

Public Meeting!

Please place your name in the chat so we can have record of your attendance.
(You may send directly to Denise Grabowski in the chat if preferred).

Provide your email (optional) to be added to the mailing list
or you can sign up online at
https://www.surveymonkey.com/r/SR21Updates

We will get started momentarily.

SR 21 Access Management Study

Public Meeting

May 25, 2021

Agenda

- Project Overview
- Existing Conditions
- Access Management Overview
- Live Polling
- Open Discussion
- Next Steps

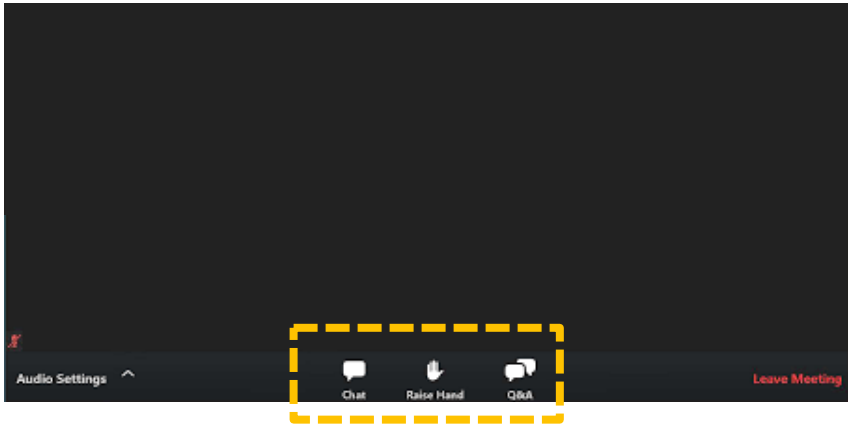
Virtual Meeting Housekeeping

During Presentation

All attendees will be on mute throughout the presentation.

Questions can be posted via the Zoom Q&A chat window during the presentation.

During Open Discussion, attendees will have the chance to speak if desired by clicking “raise hand”.



Live Polling via Mentimeter

www.menti.com from your phone or laptop

Code: 7805 2835

Project Overview

Introduction to the Team

Project Background

SR 21/Augusta Road Characteristics:

- Provides Direct Access to I-95 and I-516
- Parallels the Savannah Port
- Significant Freight Traffic
- Historically Retail Corridor
- Several Commercial Driveways
- New K-12 Campus at Groves High School
- Designated Urban Redevelopment Area

Purpose & Goals

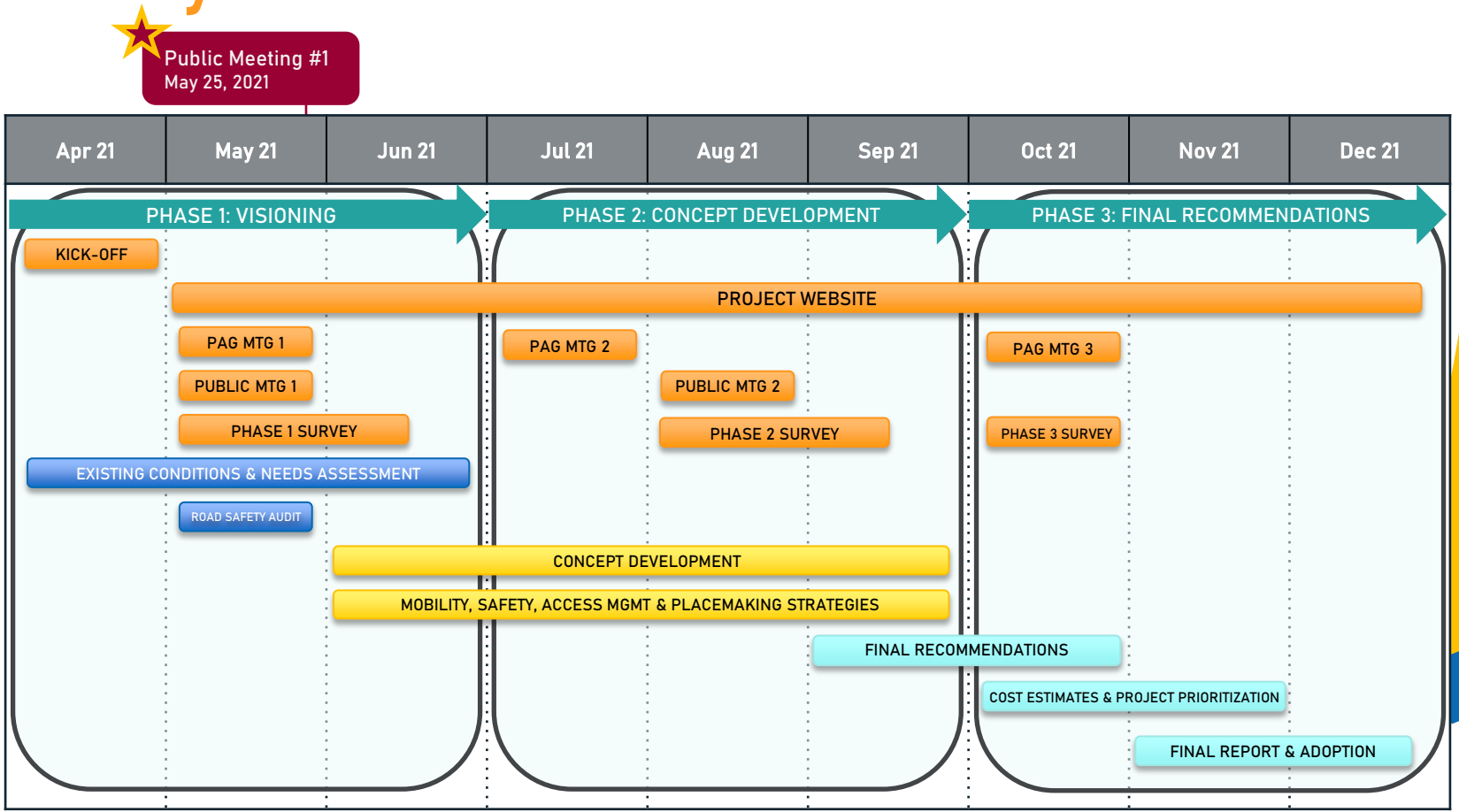
Why is this study needed?

- Several driveways & conflict points
- High crash rates
- Fatalities & pedestrian crash experience
- Lack of infrastructure for pedestrians
- Traffic congestion at intersections
- Construction of new K-12 Campus
- Spur redevelopment in area

What are the goals of this study?

- Promote safety for all travel modes
- Reduce crash experience
- Improve traffic flow
- Improve multimodal infrastructure
- Support current and future demand
- Support economic growth
- Improve quality of life

Study Timeline



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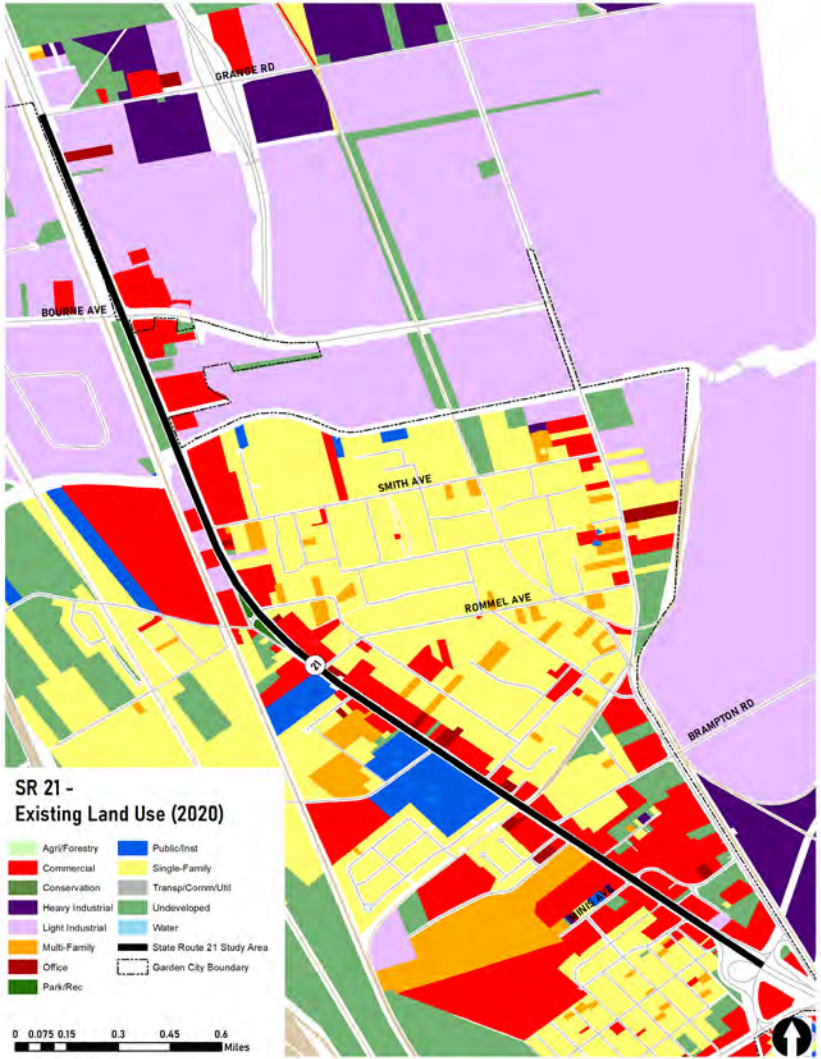
Existing Conditions

Roadway

- Classification: Principal Arterial
- 6 lanes with center TWLTL
- Provides access to I-516 and I-95
- 40,350 vehicles per day
- Approximately 9% heavy vehicles
- 140 ft – 150 ft Right-of-Way
- 45 mph speed limit

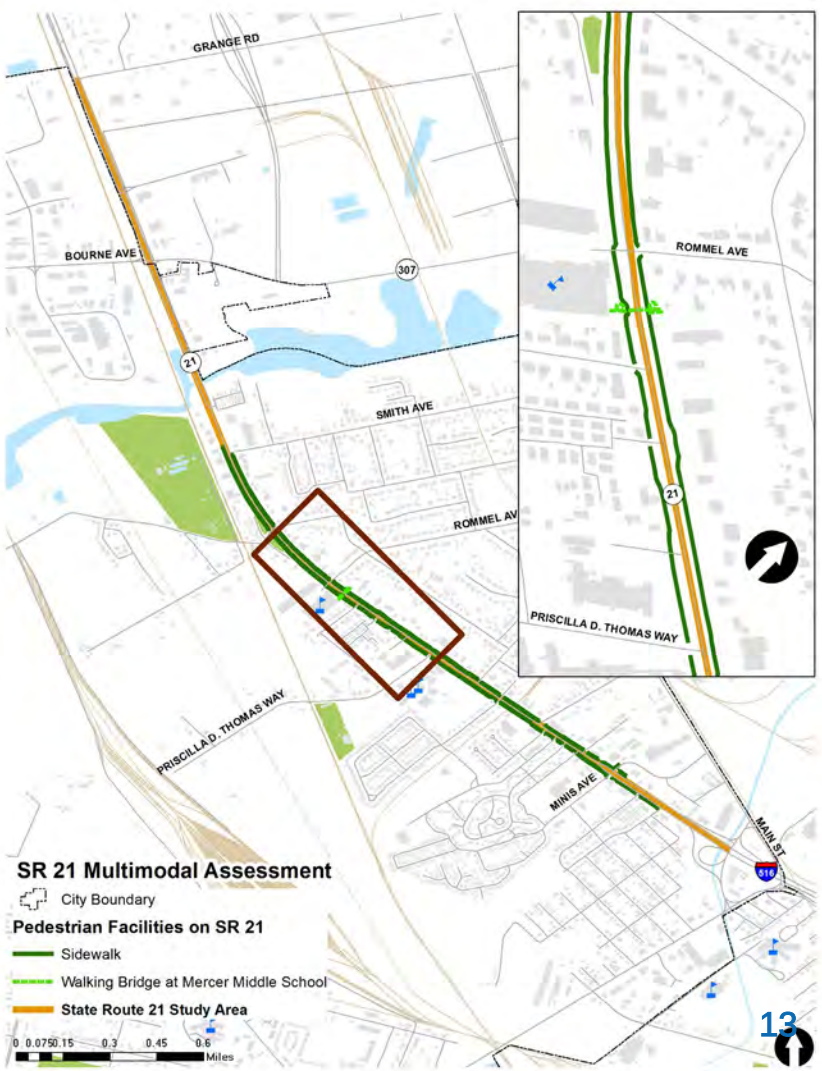
Existing Land Use

- Primarily commercial fronting corridor
- Mercer Middle School & Groves High School
- Bazemore Park
- Single Family Homes east & west of corridor
- Industrial towards northern end



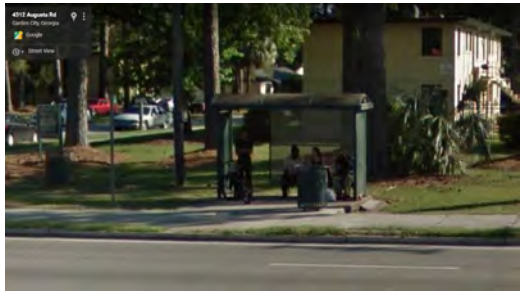
Bike/Pedestrian Facilities

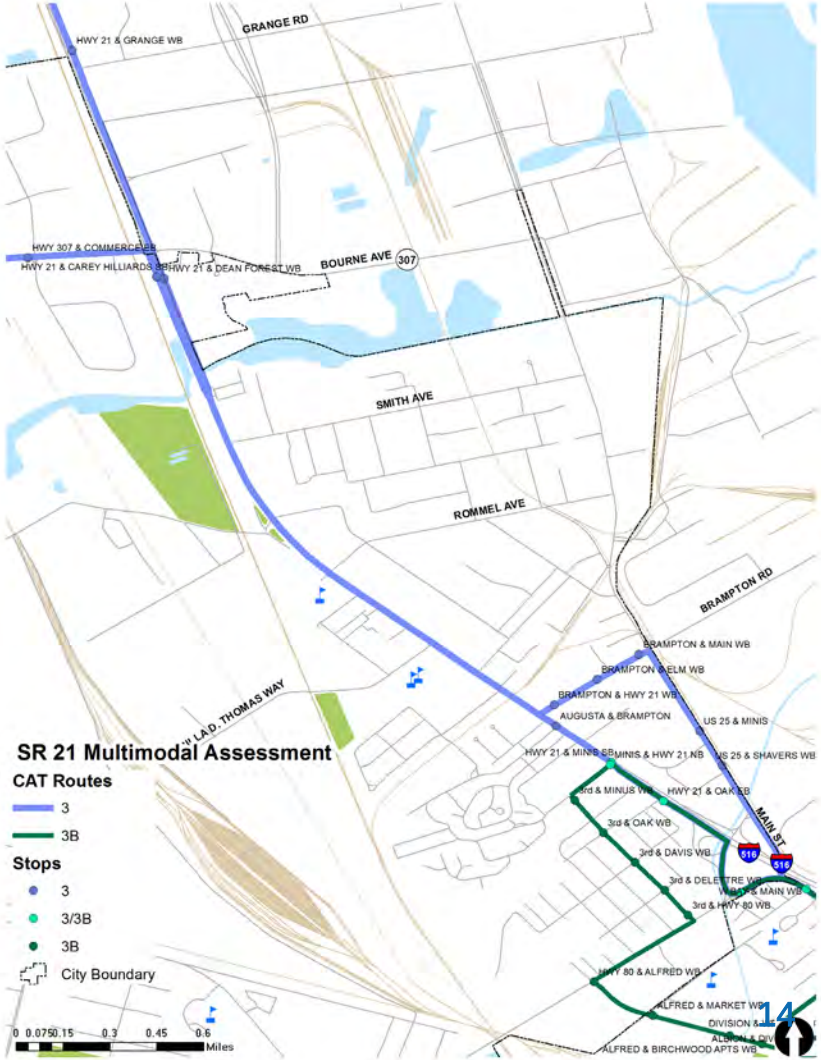
- Sidewalks present south of Smith Avenue
- Pedestrian Bridge near Mercer Middle School
- No Sidewalks north of Smith Avenue
- No bicyclist facilities
- Segments designated a part of East Coast Greenway



Transit

- Fixed route bus service provide by CAT
- Route 3B stops primarily south of Brampton Road
- Route 3 stops at Dean Forest Road and Grange Road to major industrial/manufacturing/distribution employers
- No stops to school or commercial area N of Brampton
- CAT in discussion with Garden City to expand service





Safety

Between 2016 and 2020 there were:

1,187 Crashes
~ 20/month

343 Injury Crashes

13 Pedestrian Crashes

1 Bicyclist Crash

51% Rear End Crashes

27% Angle Crashes

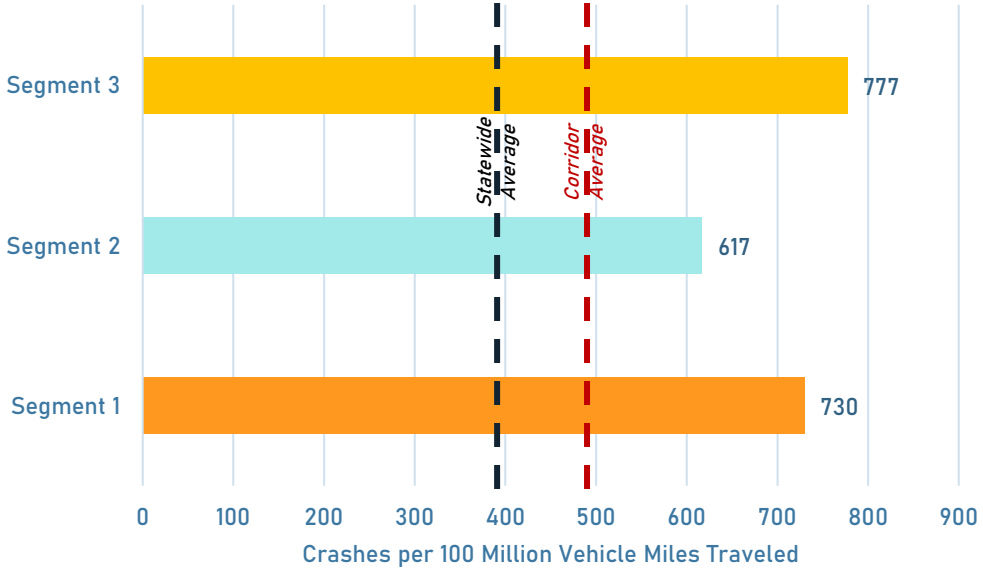
2 FATAL CRASHES

Both Involved Tractor Trailers

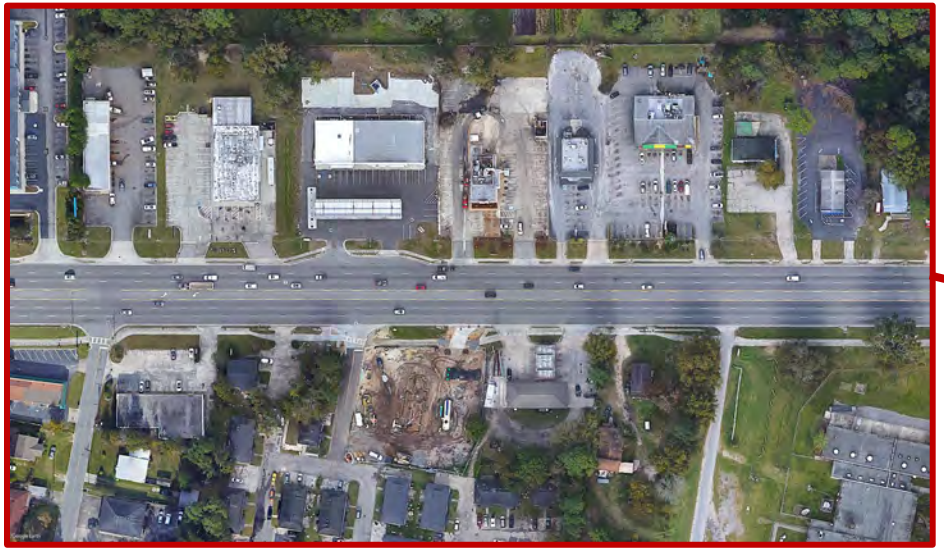
Both Rear End Crashes

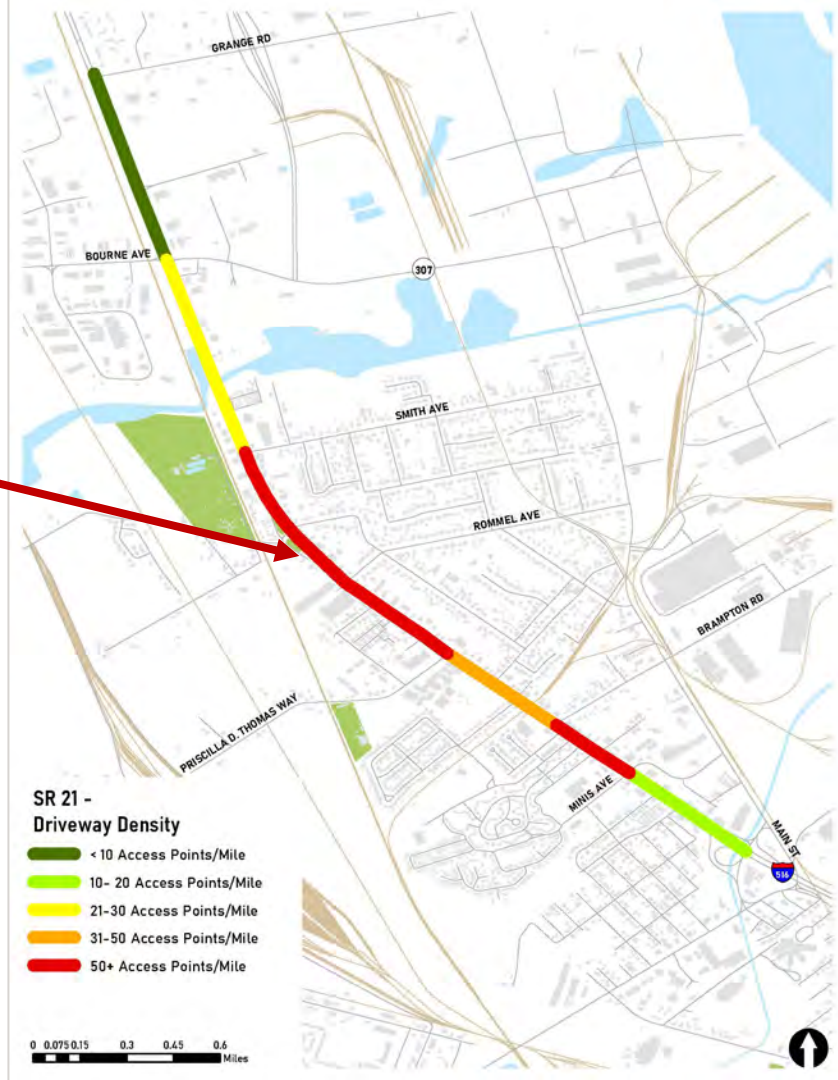
Safety

Crash Rates along SR 21/Augusta Road



Access Point Density



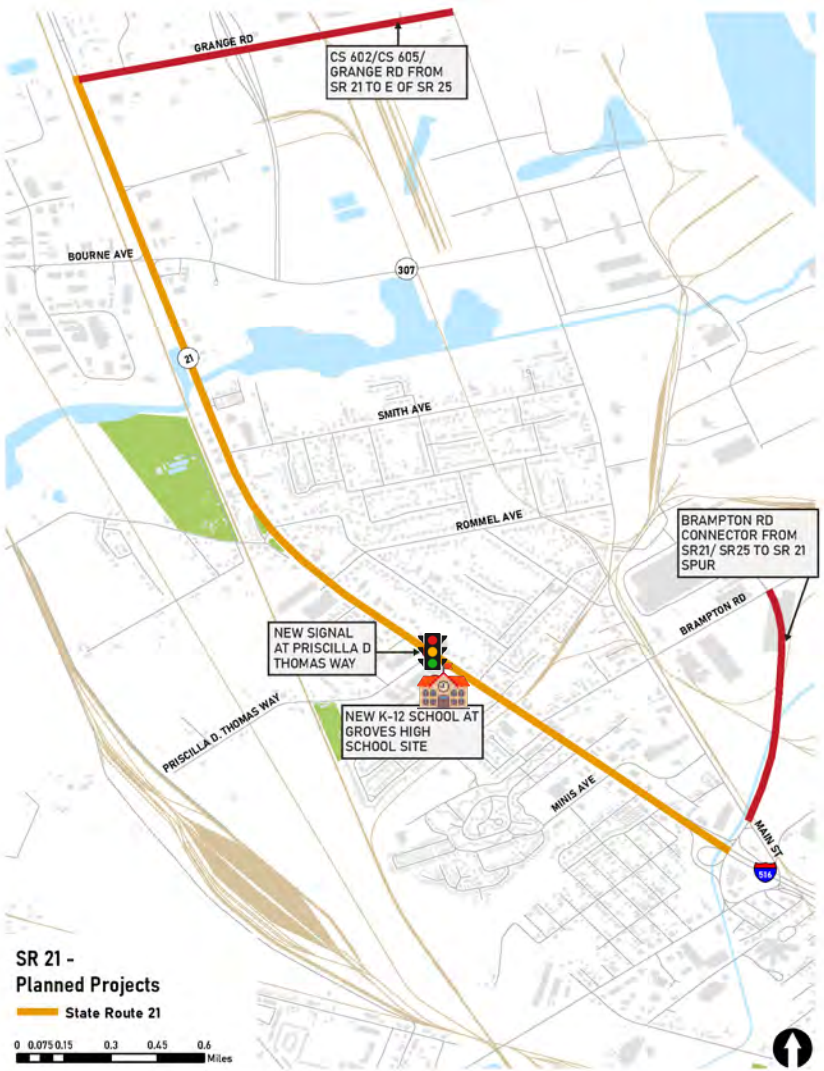


High access point density on arterial roads can cause traffic flow and safety issues.

Planned Projects

- New K-12 School at Groves High School Site
- New Signal at Priscilla D Thomas Way
- Port Expansion & Industrial Developments
- Coordination with SR 307 Corridor Study

New Groves K-12 Campus
Conceptual Layout



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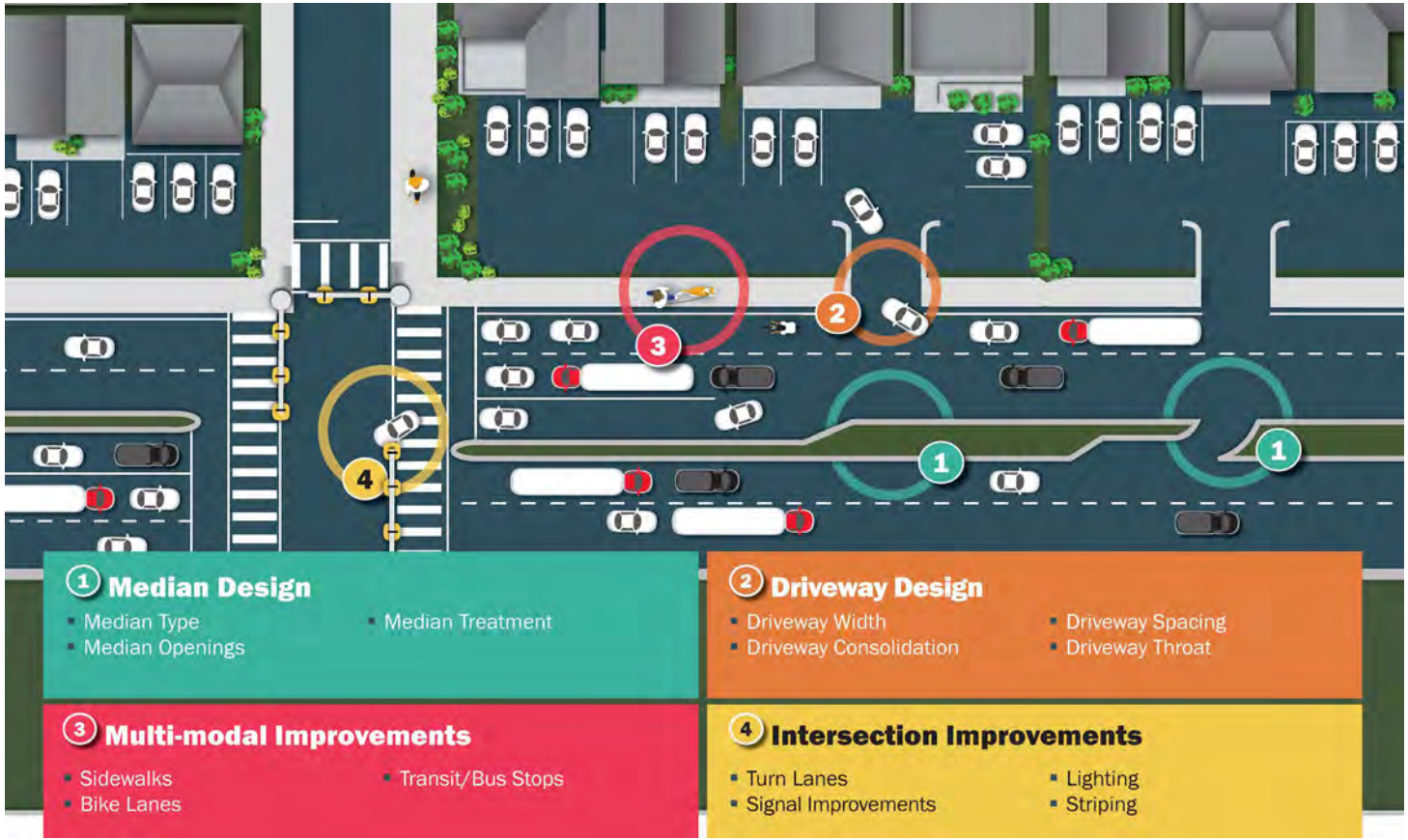
Access Management Overview

What is Access Management?

Access Management is a systematic strategy that seeks an appropriate balance between the safety and mobility of a roadway with the access needs of adjacent land uses.

Graphic Source: Access Management Toolbox - TXDOT

Access Management Toolbox



Graphic Source: Access Management Toolbox - TXDOT

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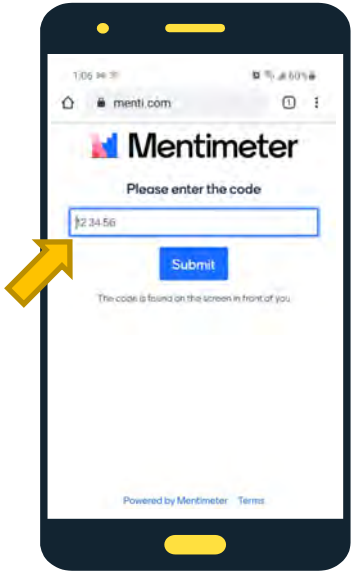
Live Polling

Mentimeter

Live Polling via Mentimeter

www.menti.com from your phone or laptop

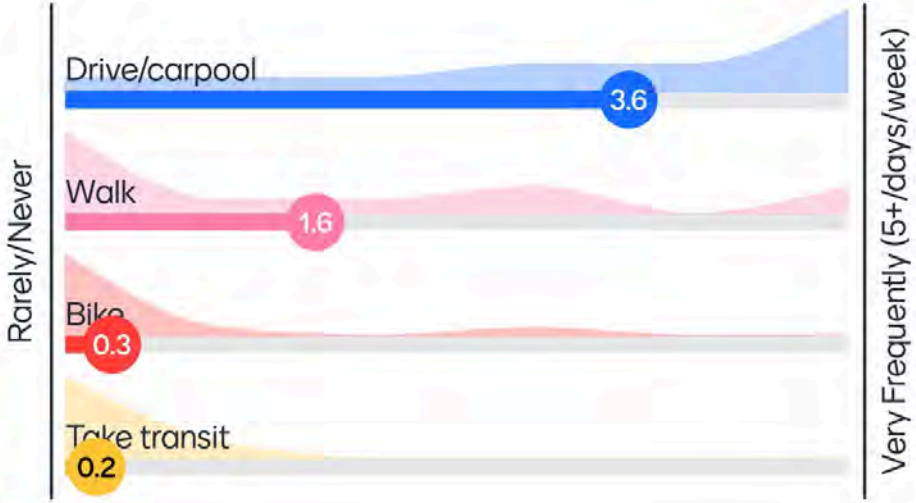
Enter Code: **7805 2835**



Start Polling

How often do you travel on SR 21/Augusta Rd per mode?

Mentimeter



13

List 3 CHALLENGES/ISSUES along SR 21/Augusta Rd.

Mentimeter

13

List 3 STRENGTHS/OPPORTUNITIES along SR 21/Augusta Rd.

Mentimeter

12

In terms of mobility, rate the following based on needs along SR 21/Augusta Rd.

Mentimeter

13

In terms of safety, rate the following based on needs along SR 21/Augusta Rd.

Mentimeter

12

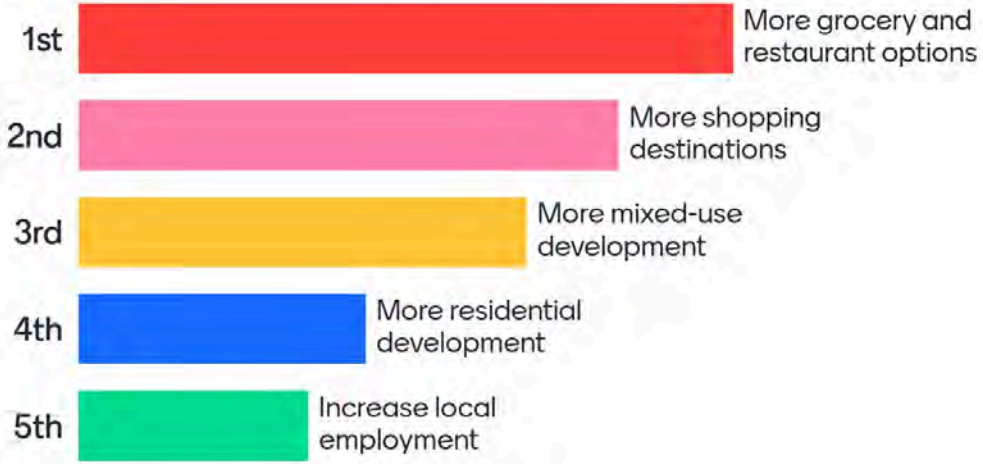
In terms of streetscaping, rate the following based on needs along SR 21/Augusta Rd.

Mentimeter

12

In terms of economic development, rank the following based on need along SR 21.

Mentimeter



13

"I envision the SR 21/Augusta Rd corridor being..."

Mentimeter

A beautiful entry and exit through the city

Safe place for residents and attractive place for tourists.

Safe to travel

Safe, inclusive, vibrant thoroughfare providing connectivity and access to retail and shopping

Town to be proud of

A great looking clean area to travel

A place you like to go.

A future mixed use area that includes a variety of stores and restaurants for locals and commuters.

I strip. That location could be the new Rodayo Drive

A safe, accessible road system with tree included median and sidewalks that will promote the gateway to the City while allowing walkability for the residents.

A safe and beautiful place to drive thru. A place local residents can find great employment.

A walkable corridor that's pedestrian friendly and attract tourist

Sorry A Strip

A 24/7 corridor. One that services the needs of the night population equally if not greater than the day population Retail, shopping etc. is consequent of residential development and growth. One that commends commercial prosperity and communal peac

Open Discussion

Feedback & Questions

6 Next Steps

Phase 1 Public Input

TAKE OUR PHASE 1 SURVEY

Survey Monkey: https://www.surveymonkey.com/r/SR21Phase1

WikiMapping Tool: https://wikimapping.com/SR-21-Access-Management-Study.html

SMS Text Option: Text sr21phase1 to 833-382-1387 to take the survey

CHECK OUT OUR PROJECT WEBPAGE

https://www.thempc.org/Core/SR21Access

HOW CAN YOU HELP?

Share Our Survey Link with family and friends!

Thank You!

Questions?

Aimee Turner, PE, PTOE, IMSA TS III
Croy Project Manager
aturner@croyeng.com

SR 21 Access Management Study

Public Meeting #2

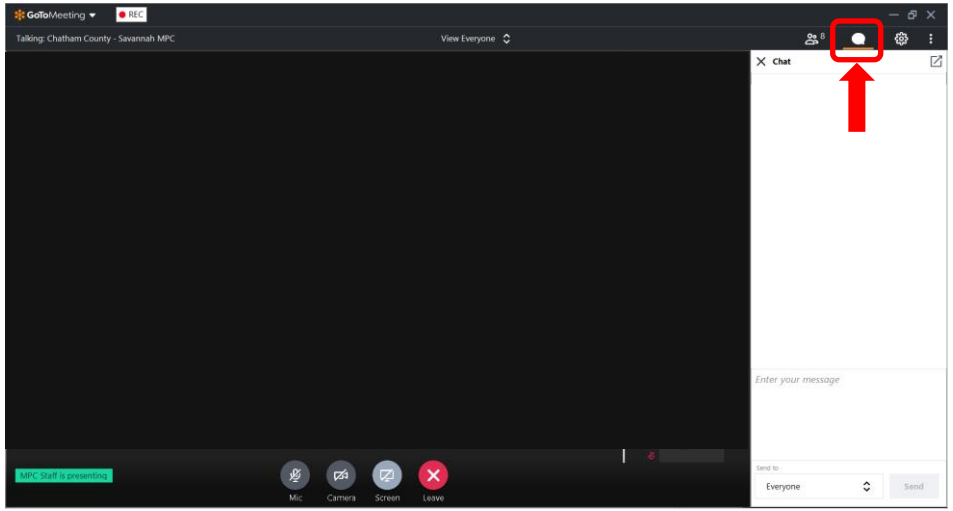
December 9, 2021

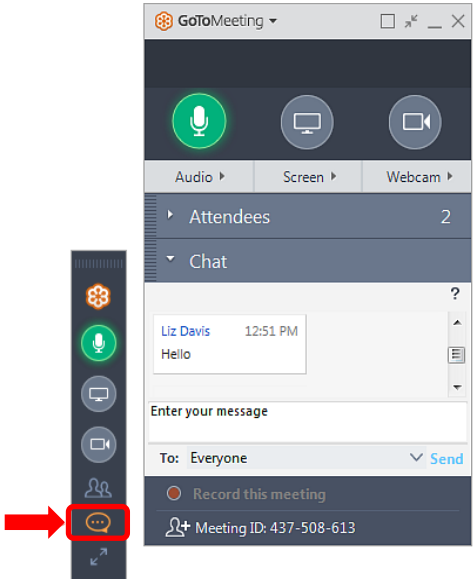
Virtual Meeting Housekeeping

During Presentation

All attendees will be on mute throughout the presentation.

Questions can be posted via the GoTo Meeting Q&A chat window during the presentation.





Agenda

1. Project Overview
2. Needs and Opportunities Recap
3. Phase 1 Survey Results
4. Draft Recommendations
5. Open Discussion
6. Next Steps

1

Project Overview

Purpose & Goals

WHY IS THIS STUDY NEEDED?

- High crash rates
- Crash severity & pedestrian crash experience
- Several driveways & conflict points
- Lack of infrastructure for pedestrians
- Traffic congestion at intersections
- Construction of new K-12 Campus
- Spur redevelopment in area

STUDY GOALS

- Promote safety and efficiency for all travel modes given current and projected future demand.
- Reduce crash experience along corridor.
- Improve bike/pedestrian infrastructure.
- Improve access and connectivity to alternate modes of travel such as transit, biking, and walking.
- Improve traffic operations at key intersections.
- Promote economic development.
- Improve quality of life.

What is Access Management?

Access Management is a systematic strategy that seeks an appropriate balance between the safety and mobility of a roadway with the access needs of adjacent land uses.

Graphic Source: Access Management Toolbox - TXDOT

Corridor Highlights

Provides Direct Access to I-95 and I-516

Parallels Savannah Port

Significant Freight Traffic

Historically Retail Corridor

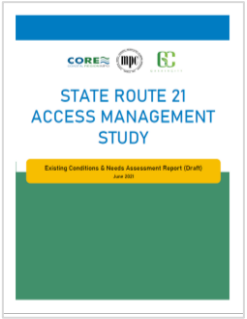
Significant Crash Experience

New K-12 Campus at Groves High School

Project Update

Road Safety Audit

Existing Conditions & Needs Assessment



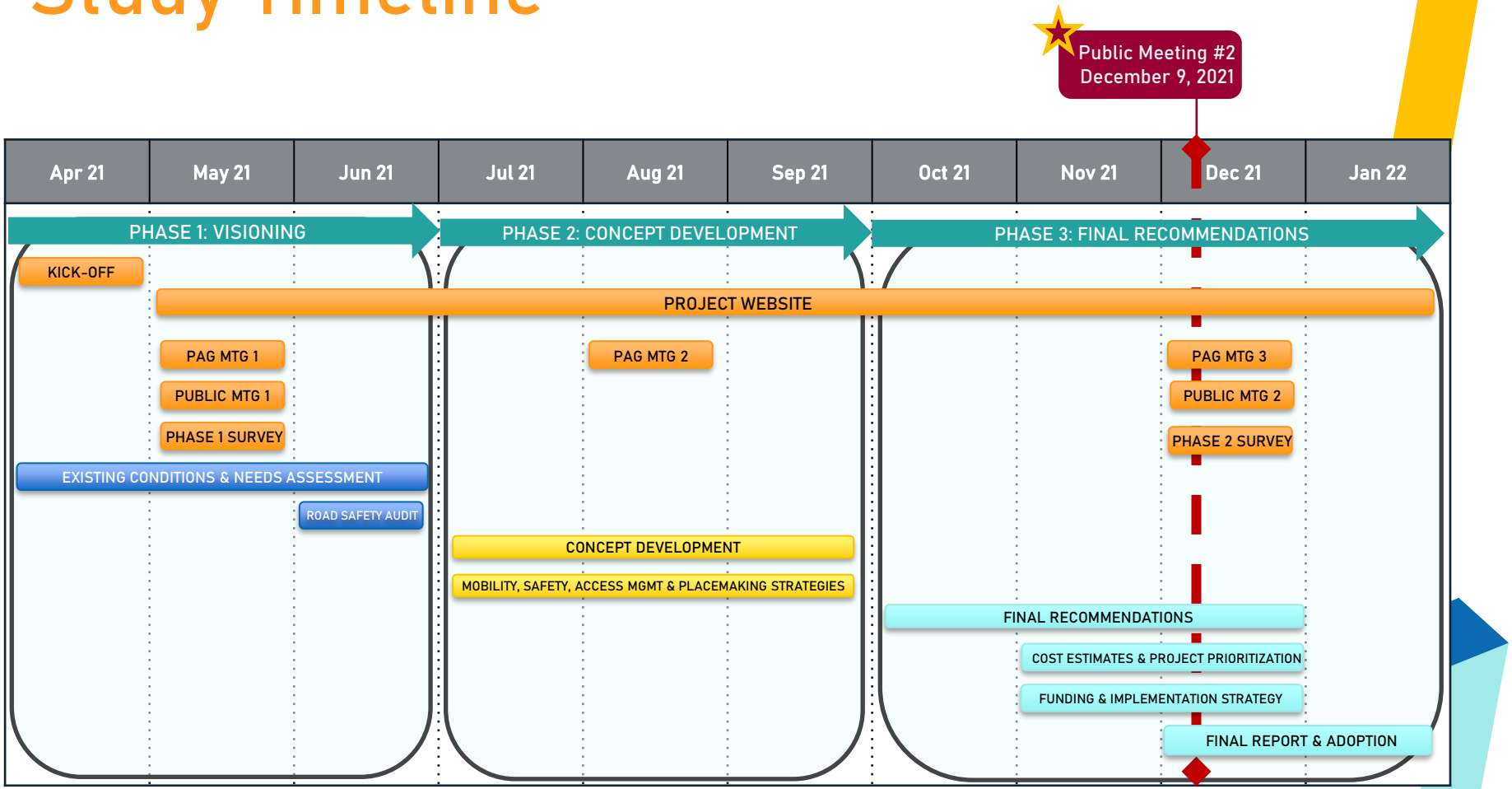
Public Meeting & Online Survey

61
RESPONSES

Needs & Opportunities Assessment

Concept Development & Draft of Recommendations

Study Timeline



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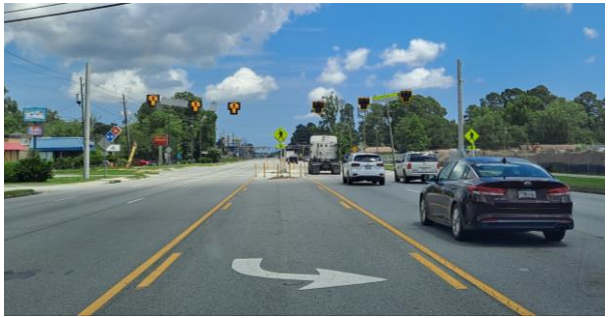
Needs and Opportunities Recap

Safety



Opportunities:

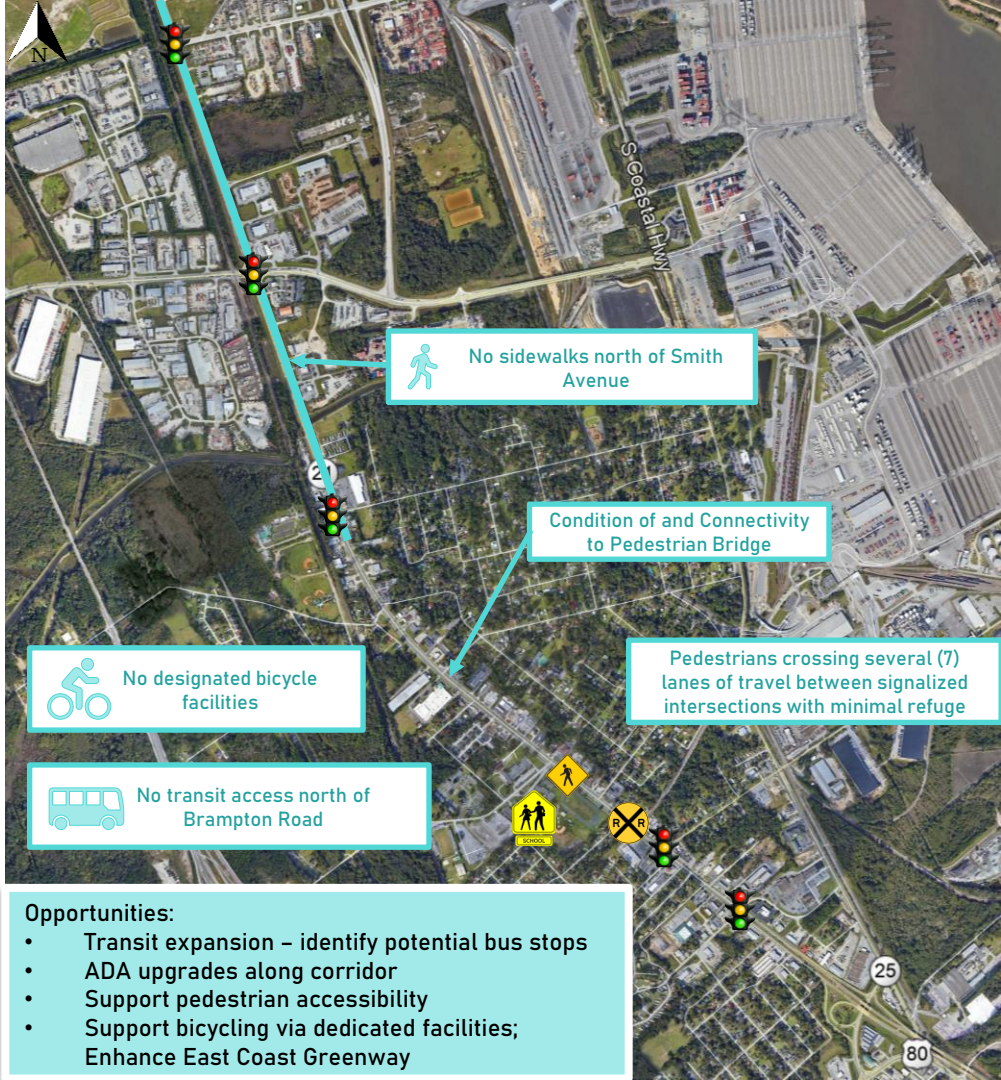
- Identify appropriate crash countermeasures
- Median segment where appropriate
- Additional pedestrian crossings
- Implement access management strategies (i.e. driveway consolidation, driveway spacing)

Operations

Opportunities:

- Intersection Improvements
- GDOT Connected Vehicle Program
- Alternative Traffic Control Options
- At-Grade Rail Crossing Improvements
- Brampton Road Connector Project

Multimodal Facilities



No sidewalks north of Smith Avenue

Condition of and Connectivity to Pedestrian Bridge

No designated bicycle facilities

Pedestrians crossing several (7) lanes of travel between signalized intersections with minimal refuge

No transit access north of Brampton Road

Opportunities:

- Transit expansion – identify potential bus stops
- ADA upgrades along corridor
- Support pedestrian accessibility
- Support bicycling via dedicated facilities; Enhance East Coast Greenway

Streetscaping

Opportunities:

- Improve curbside appeal along corridor
- Increase public space activation locations
- Wayfinding and Gateway Signage

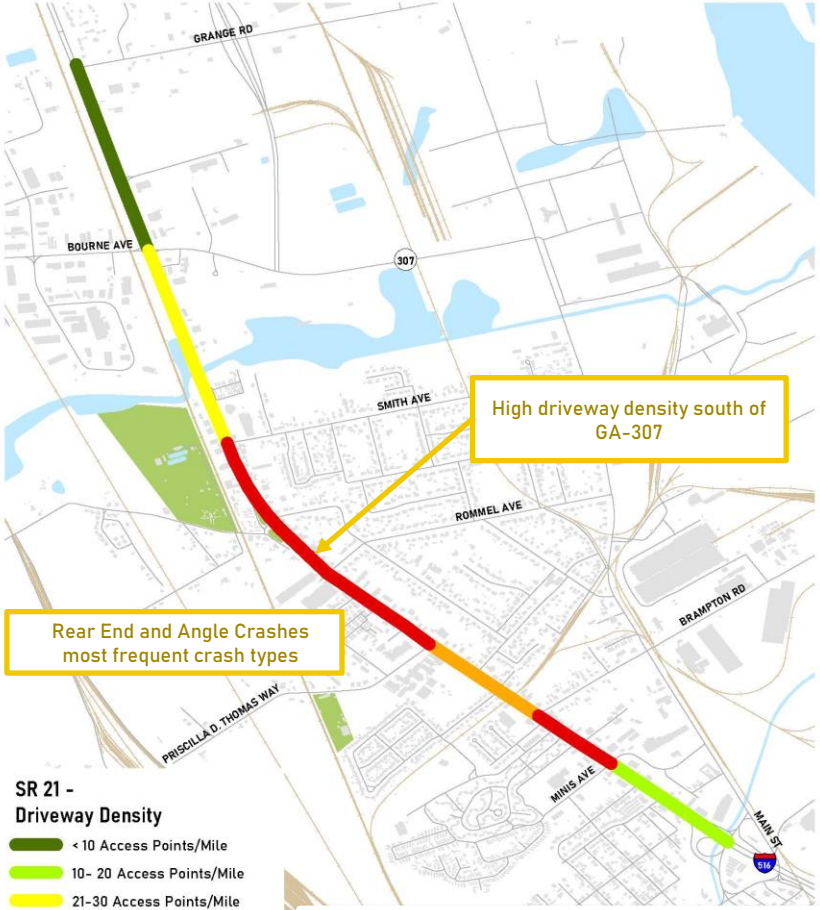
Economic Development

Opportunities:

- Support vitality of local business
- Identify opportunities for redevelopment

Access Management

SR 21 north of Priscilla D Thomas Way



High driveway density south of GA-307

Rear End and Angle Crashes most frequent crash types

SR 21 - Driveway Density

- < 10 Access Points/Mile
- 10- 20 Access Points/Mile
- 21-30 Access Points/Mile
- 31-50 Access Points/Mile
- 50+ Access Points/Mile

0 0.075 0.15 0.3 0.45 0.6 Miles

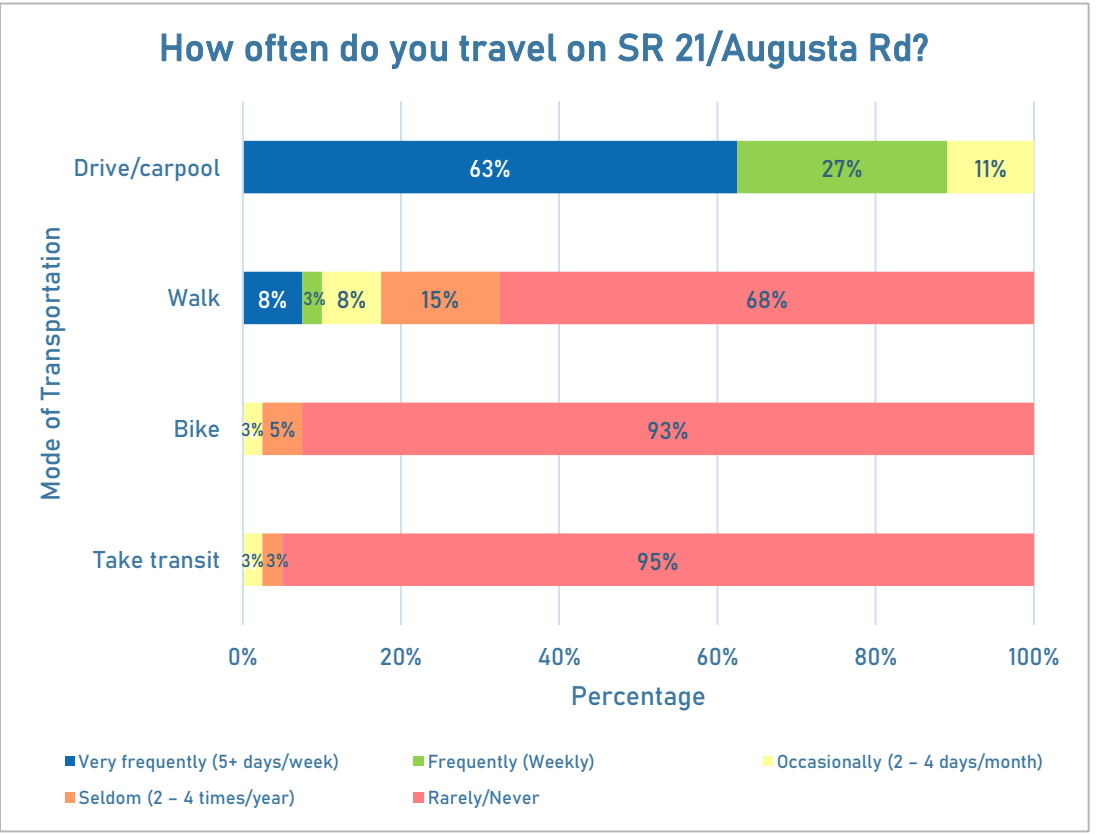
Opportunities:

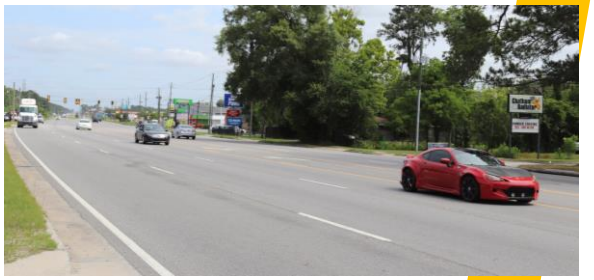
- Implement access management strategies (i.e. medians, driveway consolidation, driveway spacing)
- Reduce conflict points along corridor

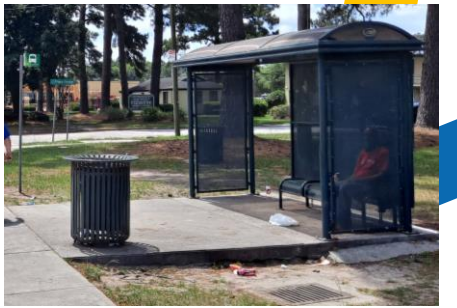
4

Phase 1 Survey Results

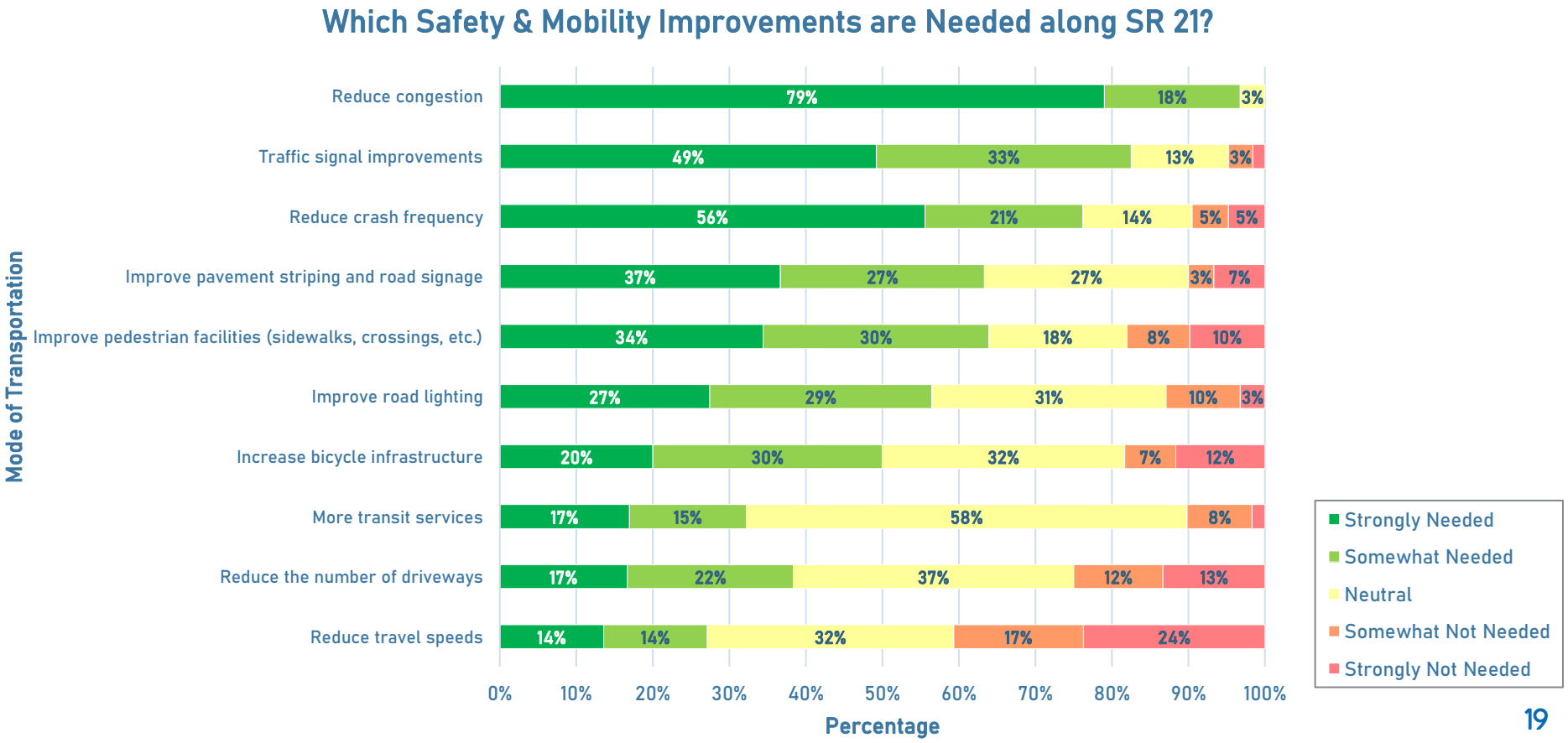
Survey Results: Modes of Transportation







Survey Results: Needs along SR 21



Survey Results: Open-Ended Comments

Challenges/Concerns along SR 21

"Traffic Congestion"

"Trains during rush hour"

"Ugly roads and overall area"

"Heavy truck traffic"

"Lack of restaurants"

"Lack of pedestrian crossing"

"Speeding"

"Sidewalks not wide enough"
"Not enough sidewalks"

"Lack of alternative streets and tie ins

"Sidewalks are unsafe"

"Lack of lighting"

"Jaywalking"

"Poor roadways"

"Timing of lights"

"Need more natural elements"

"Trains are too noisy"

"Road is too wide"

"Too many curb cuts"

"Disregard for traffic signage"

"Trucks use center lane too much"

Survey Results: Open-Ended Comments

Opportunities/Potential Improvements along SR 21

"Improved train/traffic coordination during peak hours"

"Beautification & Streetscaping improvements"

"Better signal timing"

"Better/More turning lanes"

"Widen/Improve sidewalks"

"Install Bike lanes"

"Install Multi-use paths"

"Intersection specific traffic improvements"

"Add Landscaped Medians"

"Redevelopment along corridor"

"Park/Green space additions near residence areas"

"Pedestrian crossing improvements"

"Intersection specific safety improvements"

"Better speed limit signage"

"Lessen traffic through residential areas"

"Add alternate truck routes"

"More traffic lights"

"More bus stops"

"Better truck traffic management"

"Stormwater Management"

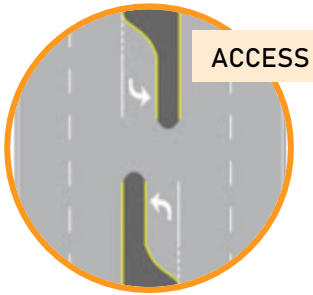
4

Draft Recommendations

Safety Improvements

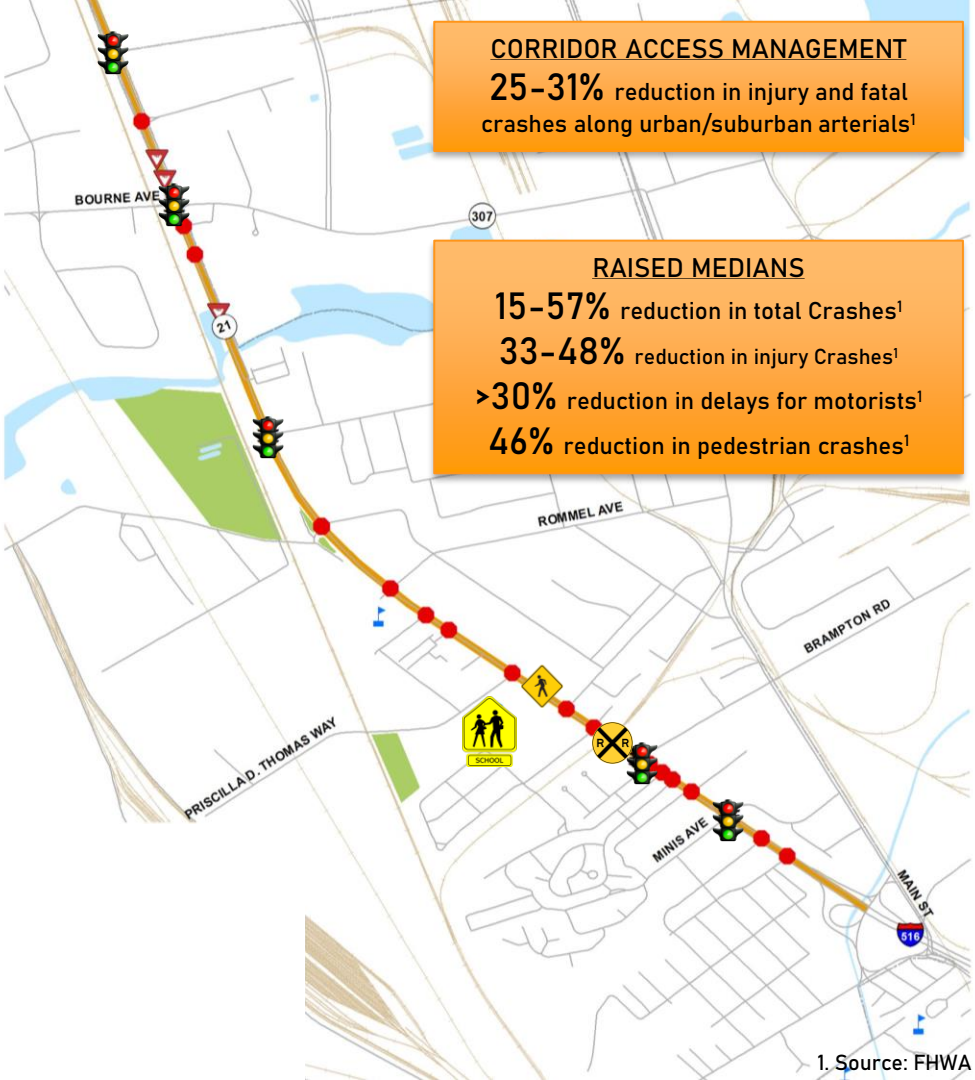
TRAFFIC CALMING

RAISED MEDIANS



ACCESS MANAGEMENT

PEDESTRIAN REFUGE



CORRIDOR ACCESS MANAGEMENT

25-31% reduction in injury and fatal crashes along urban/suburban arterials[1]

RAISED MEDIANS

15-57% reduction in total Crashes[1]

33-48% reduction in injury Crashes[1]

>30% reduction in delays for motorists[1]

46% reduction in pedestrian crashes[1]

1. Source: FHWA

Operational Improvements

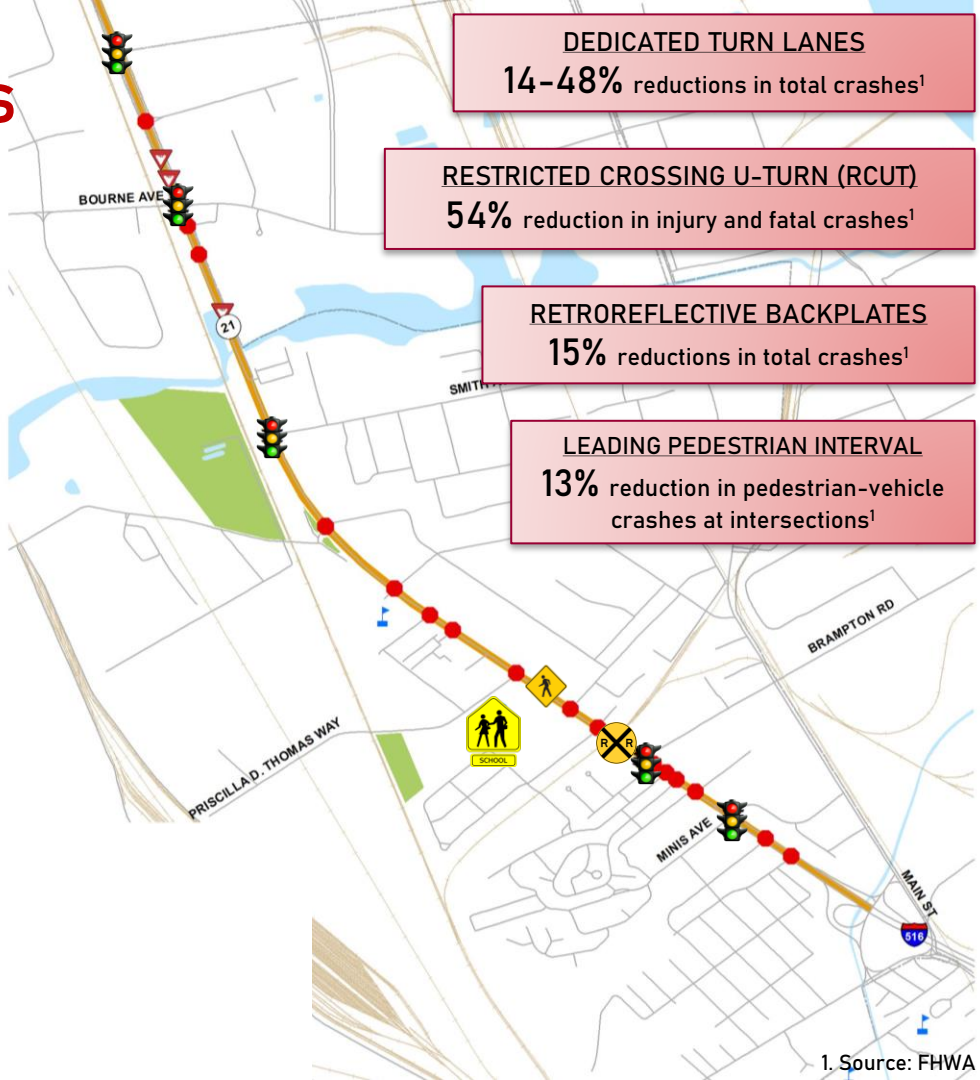
INTERSECTION IMPROVEMENTS

ALTERNATE TRAFFIC CONTROL

RETROREFLECTIVE BACKPLATES

FREIGHT SIGNAL PRIORITY

LEADING PEDESTRIAN INTERVAL



DEDICATED TURN LANES
14-48% reductions in total crashes[1]

RESTRICTED CROSSING U-TURN (RCUT)
54% reduction in injury and fatal crashes[1]

RETROREFLECTIVE BACKPLATES
15% reductions in total crashes[1]

LEADING PEDESTRIAN INTERVAL
13% reduction in pedestrian-vehicle crashes at intersections[1]

1. Source: FHWA

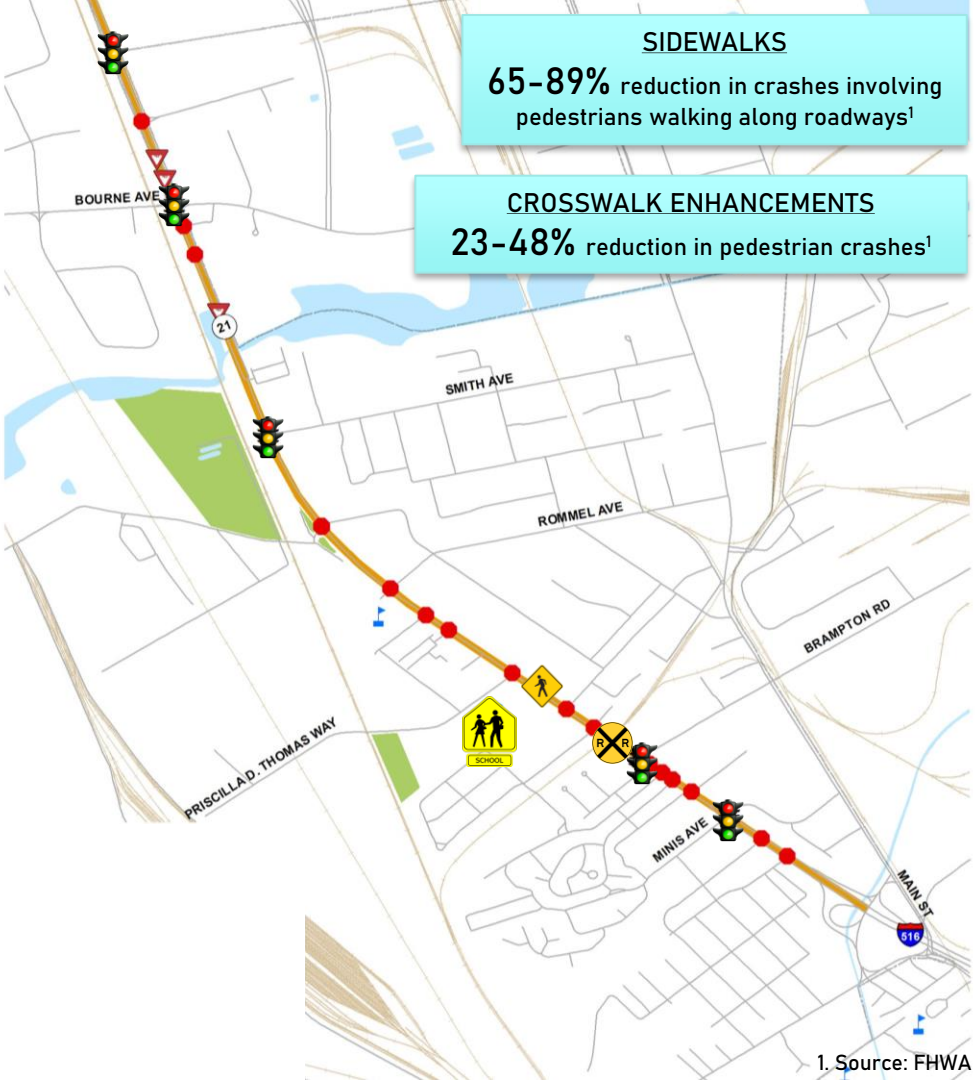
Multimodal Improvements

CONTINUOUS WALKWAYS/
MULTI-USE PATHS

CROSSWALK VISIBILITY
ENHANCEMENTS

TRANSIT SHELTERS

BIKE INFRASTRUCTURE



SIDEWALKS

65-89% reduction in crashes involving pedestrians walking along roadways[1]

CROSSWALK ENHANCEMENTS

23-48% reduction in pedestrian crashes[1]

1. Source: FHWA

Streetscaping Improvements

STREET FURNITURE

PEDESTRIAN LIGHTING

PUBLIC ART

WAYFINDING SIGNAGE

1. Source: FHWA

Intersection Specific Recommendations

Intersection Improvements/Pedestrian Crossings

Intersection upgrades to address operational & safety issues:

- *Signal equipment upgrades*
- *Signal timing improvements, freight signal priority, etc.*
- *Turn lane improvements*
- *Mountable curbs at location with high right-turn movements*
- *Signage & striping improvements*
- *Pedestrian & bicyclist accommodations*

Railroad Crossing Improvements

Upgrade railroad crossing safety devices:

- *Crossing gates*
- *ITS technologies to notify motorists on train wait times*
- *Coordinate with GDOT SR 307 freight program*

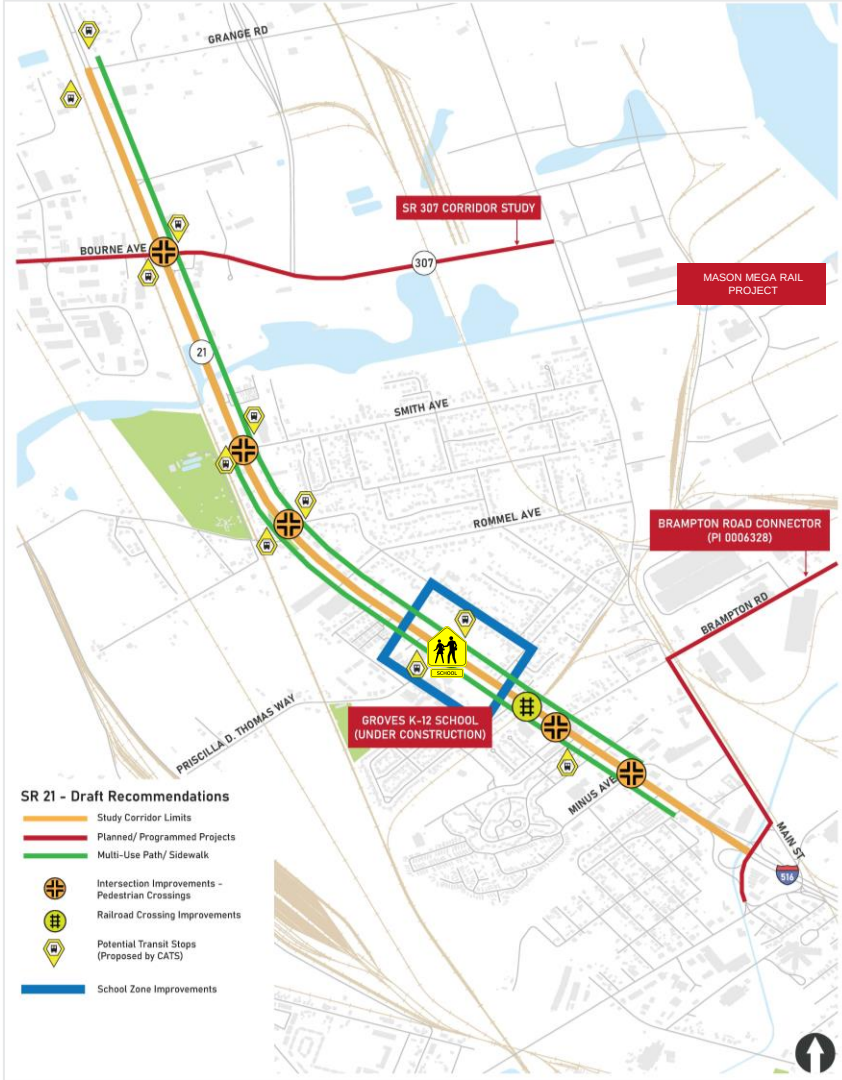
School Zone Improvements

Work with GDOT and SCCPS on school zone improvements:

- *School Advance Warning sign*
- *Advance Pedestrian Crossing sign*
- *School Zone Pavement markings*
- *SPEED LIMIT ## MPH WHEN FLASHING sign*

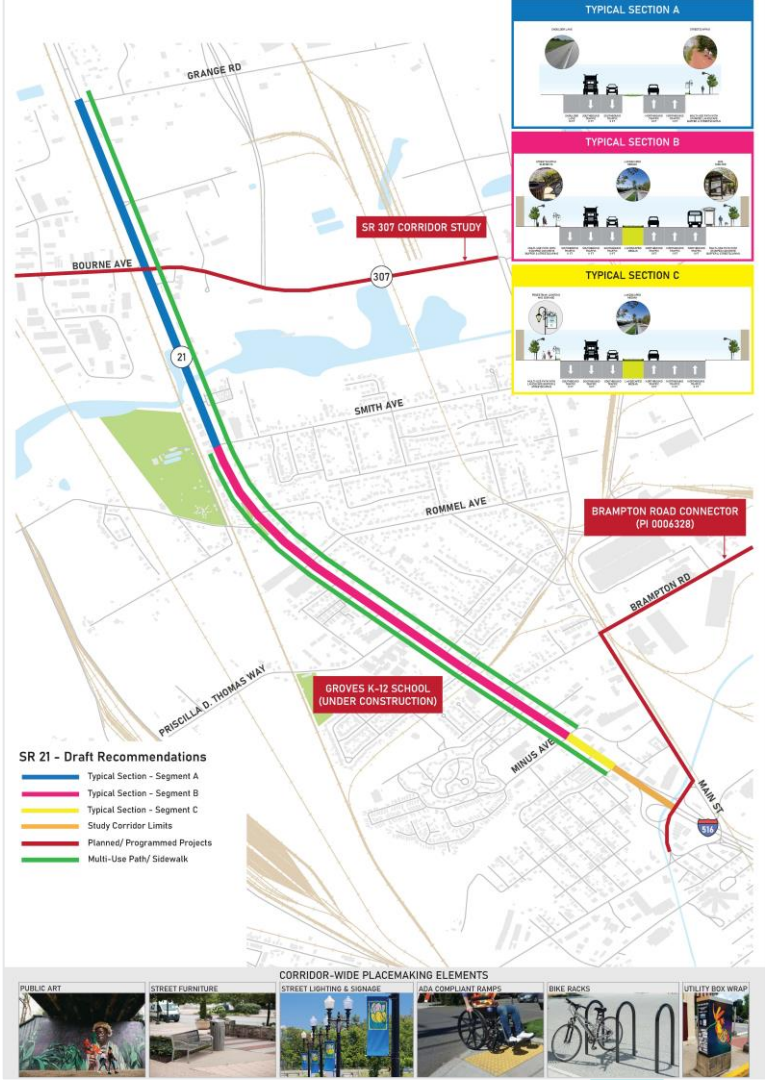
Transit Expansion on SR 21

Coordinate with CAT on potential new transit stop locations and logistics for implementation.



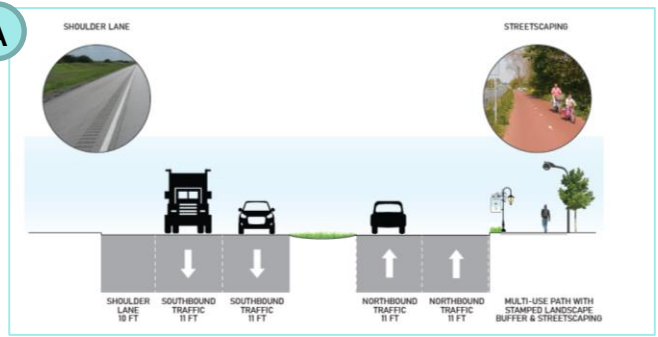
Corridor Recommendations Summary

- Signal retiming, coordination, and equipment upgrades
- Install Raised Median segments
- Continuous sidewalk/multi-use path
- Improve intersection turn lanes & ped/bike accommodations
- Pedestrian-scale lighting & streetscaping
- Transit Expansion
- Gateway & Wayfinding Signage program
- Creative Placemaking



Proposed Typical Sections

A



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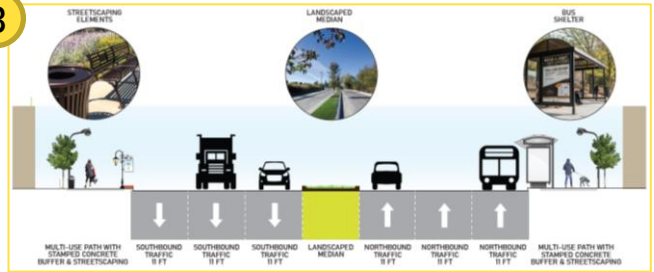

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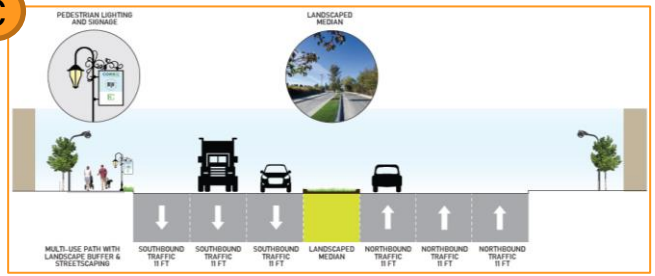
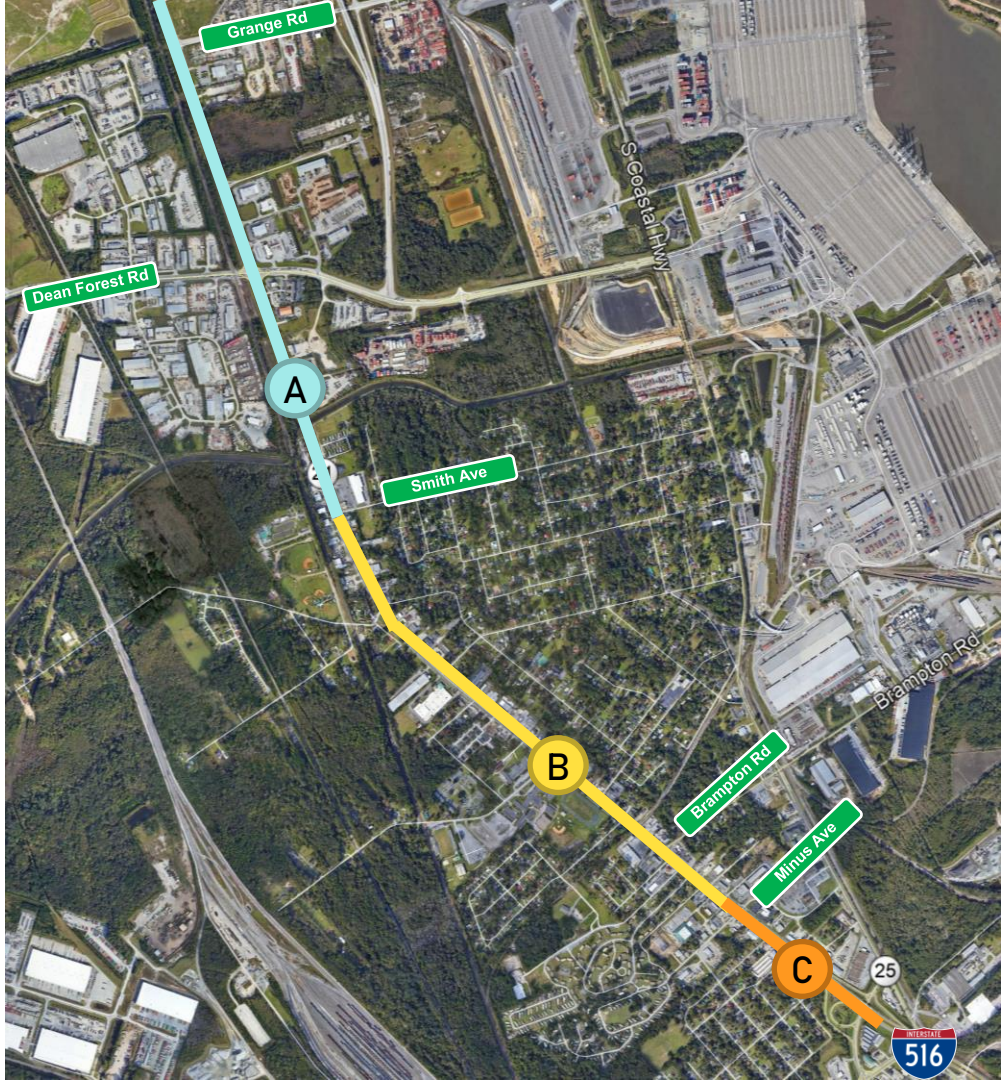
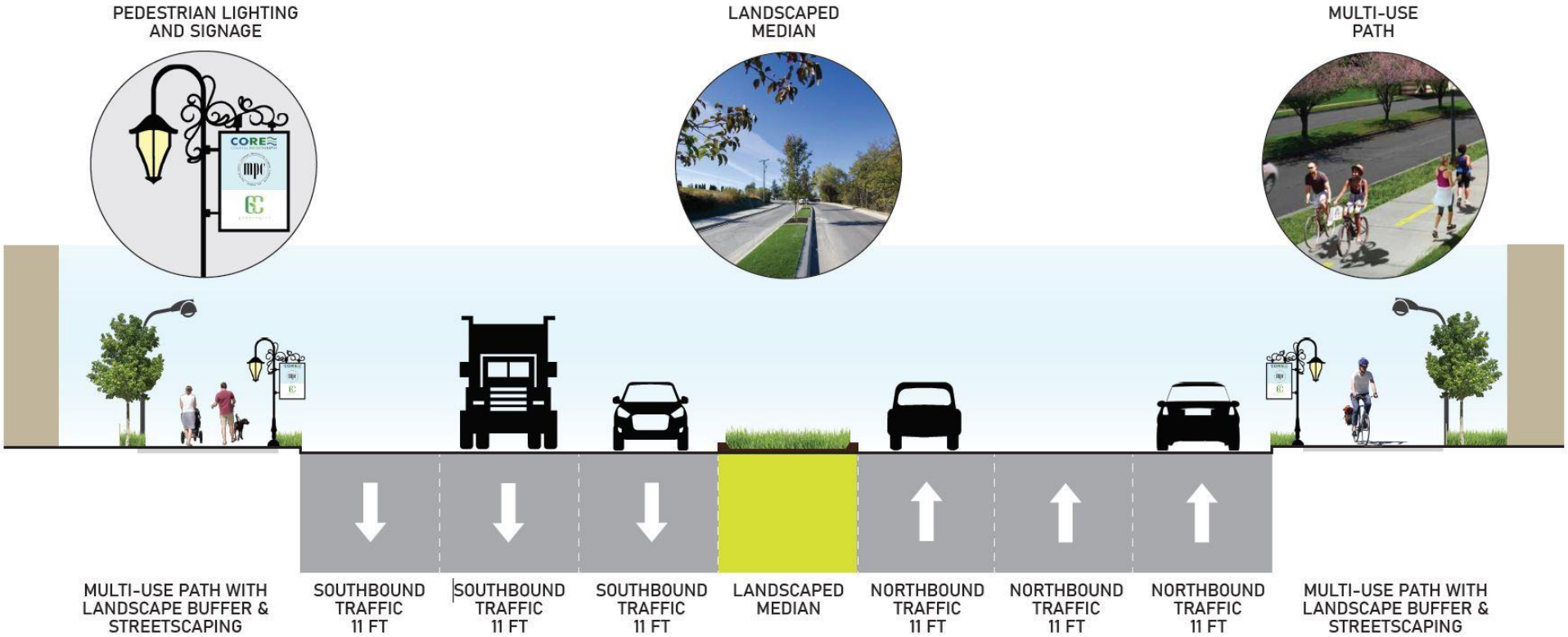
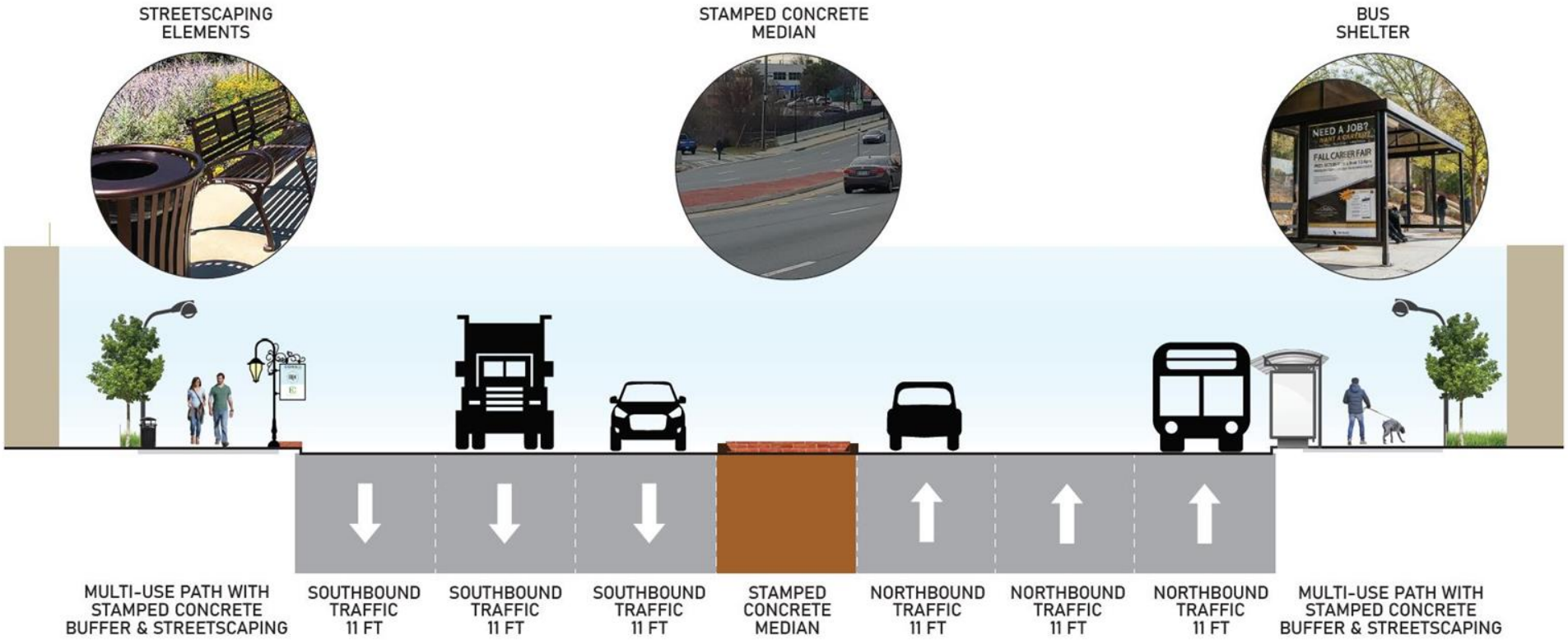




Potential Typical Section Option #1



Potential Typical Section Option #2



Conceptual Rendering – Existing

Conceptual Rendering - Proposed

Corridor Recommendations Benefits

BENEFITS OF PROPOSED RECOMMENDATIONS

- Reduce potential turning movement conflicts
- Reduce likelihood of crashes involving pedestrians
- Reduce likelihood and severity of crashes
- Reduce delay/queuing due to left turn movements
- Improve safety and comfort for people walking & bicycling
- Enhance multimodal options along corridor
- Improve connectivity and access to area destinations

STUDY GOALS

- ✓ Promote safety and efficiency for all travel modes given current and projected future demand.
- ✓ Reduce crash experience along corridor.
- ✓ Improve bike/pedestrian infrastructure.
- ✓ Improve access and connectivity to alternate modes of travel such as transit, biking, and walking.
- ✓ Improve traffic operations at key intersections.
- ✓ Promote economic development.
- ✓ Improve quality of life.

Access Management Benefits

Average Cost of Crashes along SR 21 between 2016 and 2020:
$4.8 M per year

ACCESS MANAGEMENT BENEFIT	IMPROVEMENTS	SAVINGS
SAFETY	15-57% reduction in total Crashes[1] 33-48% reduction in injury Crashes[1] 46% reduction in pedestrian crashes[2]	$1.7 M per year reduction in *crash costs*[3]
TRAVEL TIME	>30% reduction in delays for motorists with intersection improvements and raised median[4]	14 hours of lost time savings per year per road user[5] $300 fuel savings per year per road user[5]

Sources:
1. The Crash Modification Factors Clearinghouse
2. Safety Benefits of Raised Medians and Pedestrian Refuge Areas, FHWA, 2010
3. Costs based on 2019 Nation Safety Council cost by injury severity or crash
4. TRB Access Management Manual, Transportation Research Board, 2004
5. 2021 Urban Mobility Report, Texas A&M Transportation Institute with cooperation from INRIX, 2021

5

Open Discussion

Open Discussion

Feedback & Questions

6 Next Steps

Next Steps

TECHNICAL

- Cost Estimation
- Projects Prioritization
- Funding & Implementation Strategy
- Final Report

PUBLIC ENGAGEMENT

- Public Meeting #2: Final Recommendations– TONIGHT!
- Online Survey #2: Final Recommendations– NOW OPEN

Phase 2 Public Input

TAKE OUR PHASE 2 SURVEY

Survey Monkey: https://www.surveymonkey.com/r/SR21Phase2

Survey Closes: Thursday, December 23rd

CHECK OUT OUR PROJECT WEBPAGE

https://www.thempc.org/Core/SR21Access

HOW CAN YOU HELP?

Share Our Survey Link with family and friends!

Thank You!

Questions?

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SR 21 ACCESS MANAGEMENT STUDY

APPENDIX B

5-YEAR CRASH DATA

5-Year Crash Data (2016 - 2020)

SR 21 from Minus Avenue to Grange Road

AccidentNo	Date	Time	IntersectingRoute	CrashSeverity	Injuries	Fatalities	MannerOfCollision	DIAGRAM_CODE	Light	Surface	VehType1	VehType2	DirVeh1	DirVeh2	MnvrVeh1	MnvrVeh2
5591879	1/7/2016	17:15:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	East	East	Straight	Stopped
5592608	1/9/2016	19:53:00	PRINCE PRESTON DR	O	0	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Passenger Car	West	South	Turning Left	Straight
5592354	1/9/2016	15:11:00	SMITH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	N/A	South	South	Changing Lanes	Straight
5595621	1/11/2016	15:29:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	North	North	Straight	Stopped
5607514	1/11/2016	16:12:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	None	Turning Right	N/A
5598174	1/13/2016	14:11:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
5598430	1/14/2016	13:06:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Truck Tractor (Bobtail)	Passenger Car	South	South	Changing Lanes	Straight
5602325	1/17/2016	0.49514	PRISCILLA D THOMAS WAY	O	0	0	Not A Collision with Motor Vehicle		N/A	N/A	Passenger Car	N/A	None	N/A	N/A	N/A
5603510	1/18/2016	19:47:00	HIGHWAY 307	O	0	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Pickup Truck	South	North	Turning Left	Straight
5607113	1/20/2016	16:16:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Turning Right	Straight
5609232	1/22/2016	7:06:00	ROMMEL AVE	O	0	0	Angle	Right Angle	Dawn	Dry	Passenger Car	Passenger Car	West	North	Turning Right	Straight
5609434	1/22/2016	8:11:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
5619204	1/29/2016	11:02:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Van	East	East	Turning Right	Turning Right
5618220	1/30/2016	9:18:00	MINUS AVE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
5637847	2/1/2016	7:34:00	PRISCILLA D THOMAS WAY	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	West	North	Turning Left	Straight
5632589	2/1/2016	20:20:00	BURNSED BLVD	C	1	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
5621302	2/2/2016	13:20:00	BRAMPTON ROAD	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Tractor/Trailer	Pickup Truck	North	South	Straight	Straight
5644418	2/4/2016	21:52:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		DarkNot Lighted	Wet	Passenger Car	N/A	West	N/A	Turning Right	N/A
5629252	2/8/2016	16:43:00	ST JOSEPH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Van	North	South	Turning Left	Straight
5628803	2/8/2016	17:00:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	N/A	Turning Right	Turning Right
5634275	2/10/2016	15:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Straight
5634280	2/10/2016	15:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Straight
5636647	2/14/2016	12:05:00	PRINCE PRESTON DR	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	West	North	Turning Left	Straight
5643459	2/16/2016	13:23:00	HIGHWAY 307	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Pickup Truck	West	North	Turning Left	Straight
5644176	2/16/2016	16:10:00	BIG HILL RD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	N/A	Passenger Car	North	South	Changing Lanes	Straight
5640498	2/17/2016	15:00:00	SMITH AVENUE	C	1	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
5644892	2/21/2016	13:52:00	HIGHWAY 307	C	6	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Changing Lanes	Stopped
5644180	2/21/2016	10:47:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
5647192	2/23/2016	15:10:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Tractor/Trailer	N/A	North	N/A	Straight	N/A
5649009	2/24/2016	8:43:00	BRAMPTON ROAD	C	1	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	South	South	Straight	Stopped
5648824	2/24/2016	8:40:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Tractor/Trailer	Passenger Car	South	South	Changing Lanes	Straight
5649490	2/25/2016	9:48:00	ST JOSEPH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Straight
5653018	2/26/2016	19:37:00	ST JOSEPH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Motorcycle	West	North	Turning Left	Straight
5652075	2/26/2016	17:45:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Straight	Straight
5658834	2/29/2016	15:26:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Turning Right	Stopped
5663910	2/29/2016	9:37:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	N/A	Pickup Truck	N/A	South	N/A	Straight
5660354	3/2/2016	18:50:00	ST JOSEPH AVENUE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	South	South	Turning Left	Straight
5659527	3/3/2016	7:27:00	BRAMPTON ROAD	C	4	0	Rear End		Daylight	Dry	Bus	Passenger Car	North	North	Stopped	Straight
5660013	3/3/2016	17:46:00	ST JOSEPH AVENUE	O	0	0	Rear End		Daylight	Dry	Other	Pickup Truck	South	South	Straight	Stopped
5659929	3/3/2016	7:46:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
5663330	3/4/2016	14:43:00	PRISCILLA D THOMAS WAY	O	0	0	Head On		Daylight	Dry	Sports Utility Vehicle (SUV)	N/A	South	N/A	Turning Right	N/A
5663332	3/4/2016	10:03:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	East	East	Straight	Stopped
5663327	3/5/2016	17:42:00	ROMMEL AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
5663316	3/6/2016	9:00:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	West	West	Backing	Turning Left
5677771	3/8/2016	9:23:00	HIGHWAY 307	C	2	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Straight
5668595	3/9/2016	15:42:00	ST JOSEPH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
5668593	3/9/2016	11:50:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Stopped
5668611	3/10/2016	14:13:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
5668347	3/10/2016	13:14:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
5673717	3/14/2016	19:47:00	MINUS AVE	C	1	0	Not A Collision with Motor Vehicle		DarkLighted	Dry	N/A	N/A	South	None	Straight	N/A
5673978	3/15/2016	9:10:00	CHATHAM VILLA DRIVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	West	South	Turning Left	Straight
5677726	3/16/2016	10:53:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Van	Van	North	North	Straight	Stopped
5681791	3/18/2016	15:17:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	N/A	Pickup Truck	North	North	N/A	Stopped
5682851	3/20/2016	19:53:00	GRANGE ROAD	C	1	0	Rear End		Dusk	Dry	Truck Tractor (Bobtail)	Passenger Car	North	North	N/A	Changing Lanes
5699985	3/20/2016	1:40:00	HIGHWAY 307	O	0	0	Sideswipe - Same Direction		DarkNot Lighted	Dry	Passenger Car	Pickup Truck	North	North	Changing Lanes	Stopped
5699996	3/22/2016	7:52:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
5694262	3/22/2016	9:31:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
5691631	3/24/2016	11:08:00	MINUS AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	South	Turning Left	Straight
5689744	3/26/2016	17:40:00	MINUS AVE	C	1	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Stopped
5693612	3/29/2016	17:26:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped

5-Year Crash Data (2016 - 2020)

SR 21 from Minus Avenue to Grange Road

5699151	4/2/2016	6:35:00	MINUS AVE	O	0	0	Rear End		DarkLighted	Wet	Passenger Car	Pickup Truck	South	South	Straight	Stopped
5701283	4/4/2016	12:28:00	ST JOSEPH AVENUE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Panel Truck	North	North	Changing Lanes	Straight
5702172	4/4/2016	13:56:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
5708475	4/5/2016	18:21:00	BRAMPTON ROAD	C	1	0	Not A Collision with Motor Vehicle		Daylight	Dry	N/A	Sports Utility Vehicle (SUV)	N/A	North	N/A	Entering/Leaving Driveway
5704784	4/7/2016	8:47:00	PRINCE PRESTON DR	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Passenger Car	Pickup Truck	West	South	Turning Left	Straight
5704510	4/7/2016	7:34:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
5706999	4/8/2016	13:50:00	BIG HILL RD	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Passenger Car	N/A	West	N/A	Straight	N/A
5706702	4/8/2016	11:47:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
5708302	4/9/2016	17:50:00	DENMARK STREET	B	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Van	West	North	Making U-turn	Straight
5713737	4/14/2016	13:53:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Van	Sports Utility Vehicle (SUV)	North	South	Backing	Stopped
5713738	4/14/2016	14:32:00	BIG HILL RD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Van	Pickup Truck	North	North	Changing Lanes	Straight
5714141	4/14/2016	6:32:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		Dawn	Dry	Passenger Car	Pickup Truck	North	North	Changing Lanes	Straight
5714144	4/15/2016	6:03:00	MINUS AVE	O	0	0	Rear End		DarkLighted	Wet	Sports Utility Vehicle (SUV)	Passenger Car	West	West	Straight	Stopped
5720082	4/19/2016	14:34:00	ST JOSEPH AVENUE	C	1	0	Head On		Daylight	Dry	N/A	N/A	N/A	N/A	N/A	N/A
5722431	4/21/2016	10:06:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Tractor/Trailer	Pickup Truck	South	South	Straight	Stopped
5734870	4/22/2016	14:10:00	BRAMPTON ROAD	C	1	0	Angle	Right Angle	Daylight	Wet	Passenger Car	Passenger Car	East	South	Straight	Straight
5739018	4/22/2016	17:50:00	ST JOSEPH AVENUE	O	0	0	Head On		Daylight	Wet	Passenger Car	Pickup Truck	North	North	Straight	Changing Lanes
5726570	4/22/2016	20:46:00	BRAMPTON ROAD	C	2	0	Rear End		DarkLighted	Wet	Passenger Car	Passenger Car	North	North	Straight	Stopped
5732375	4/26/2016	9:19:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
5737399	4/29/2016	16:55:00	BRAMPTON ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	North	Turning Left	Straight
5740852	5/2/2016	19:05:00	MINUS AVE	C	1	0	Head On		Daylight	Wet	Passenger Car	Passenger Car	North	South	Turning Left	Turning Left
5741389	5/4/2016	9:22:00	CHATHAM VILLA DRIVE	O	0	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Single Unit Truck	South	South	Turning Right	Straight
5741212	5/4/2016	8:45:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
5743090	5/5/2016	16:50:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
5746557	5/6/2016	8:30:00	MINUS AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
5753529	5/7/2016	20:27:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
5747756	5/9/2016	13:02:00	SMITH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Pickup Truck	Van	West	North	Entering/Leaving Driveway	Straight
5748533	5/9/2016	16:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
5750719	5/10/2016	21:36:00	MINUS AVE	B	1	0	Not A Collision with Motor Vehicle		DarkNot Lighted	Dry	N/A	Passenger Car	N/A	South	N/A	Straight
5758623	5/16/2016	16:33:00	GRANGE ROAD	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Tractor/Trailer	Passenger Car	East	North	Turning Left	Straight
5758080	5/16/2016	16:24:00	SPARKMAN DRIVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
5757009	5/16/2016	7:38:00	BRAMPTON ROAD	C	2	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
5759131	5/17/2016	13:40:00	HIGHWAY 307	C	1	0	Rear End	Passenger Car	North	North	Passenger Car	Passenger Car	North	North	Straight	Straight
5760836	5/18/2016	13:50:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
5760838	5/18/2016	12:16:00	MINUS AVE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Truck Tractor (Bobtail)	South	South	Changing Lanes	Straight
5761587	5/19/2016	9:44:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
5763525	5/20/2016	9:05:00	BRAMPTON ROAD	O	0	0	Rear End	Rear End	Daylight	Dry	Passenger Car	Tractor/Trailer	South	South	Turning Right	Straight
5763850	5/20/2016	12:43:00	BRAMPTON ROAD	C	1	0	Not A Collision with Motor Vehicle		Daylight	Dry	N/A	N/A	South	N/A	Straight	N/A
5776095	5/26/2016	18:18:00	MINUS AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
5779034	5/31/2016	20:04:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
5781956	6/3/2016	13:59:00	ST JOSEPH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	South	Turning Left	Straight
5781383	6/3/2016	5:26:00	PRINCE PRESTON DR	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Tractor/Trailer	Passenger Car	South	South	Changing Lanes	Straight
5785977	6/6/2016	6:59:00	BURNSED BLVD	C	1	0	Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Passenger Car	North	North	Straight	Straight
5793778	6/8/2016	11:41:00	HIGHWAY 307	O	0	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Turning Right	Straight
5793795	6/8/2016	8:32:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Van	N/A	North	North	Straight	Stopped
5788930	6/9/2016	15:36:00	SMITH AVENUE	C	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Pickup Truck	West	North	Turning Left	Straight
5793752	6/13/2016	17:48:00	SMITH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Straight
5795164	6/14/2016	17:45:00	SMITH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Passenger Car	Passenger Car	North	East	Straight	Turning Left
5800069	6/14/2016	17:42:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Turning Left	Stopped
5794788	6/14/2016	17:39:00	SMITH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
5796307	6/15/2016	16:19:00	HIGHWAY 307	O	0	0	Head On		Daylight	Dry	N/A	N/A	West	South	Backing	Straight
5800080	6/18/2016	15:44:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Changing Lanes	Straight
5809489	6/20/2016	10:34:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Turning Right	Turning Right
6108590	6/20/2016	15:23:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Motorcycle	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6108592	6/22/2016	16:01:00	MINUS AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Pickup Truck	East	South	Straight	Straight
5809254	6/24/2016	7:02:00	BRAMPTON ROAD	O	0	0	Rear End		Dawn	Dry	Passenger Car	Sports Utility Vehicle (SUV)	West	West	Straight	Stopped
5814335	6/27/2016	11:26:00	MINUS AVE	C	2	0	Angle	Right Angle	Daylight	Dry	N/A	Passenger Car	East	South	Entering/Leaving Parking	Straight
5814643	6/27/2016	15:53:00	OGLESBY AVE	O	0	0	Angle	Right Angle	Daylight	Dry	N/A	N/A	West	North	Turning Left	Straight
5814469	6/27/2016	17:47:00	PRISCILLA D THOMAS WAY	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Pedacycle, Bicycle	Passenger Car	West	South	Entering/Leaving Driveway	Straight
6108597	6/29/2016	23:02:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Pickup Truck	Van	South	South	Changing Lanes	Stopped
5820407	7/1/2016	13:59:00	KAISER CHEMICAL RD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped

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SR 21 from Minus Avenue to Grange Road

6108601	7/4/2016	14:13:00	MINUS AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Van	Van	None	South	N/A	Stopped
5822503	7/6/2016	16:00:00	ST JOSEPH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Left	Straight
5826741	7/8/2016	10:57:00	BRAMPTON ROAD	C	1	0	Rear End		Daylight	Dry	Tractor/Trailer	Pickup Truck	South	South	Straight	Straight
6108605	7/8/2016	22:50:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	South	South	Straight	Turning Right
6108609	7/14/2016	10:50:00	MINUS AVE	O	0	0	Head On		Daylight	Dry	Passenger Car	N/A	South	N/A	Turning Right	N/A
6108612	7/14/2016	18:05:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
5840560	7/19/2016	2:07:00	BRAMPTON ROAD	O	0	0	Not A Collision with Motor Vehicle		DarkLighted	Dry	Pickup Truck	N/A	West	N/A	Turning Left	N/A
6108621	7/20/2016	13:00:00	PRINCE PRESTON DR	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
6108622	7/20/2016	8:59:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
5923869	7/21/2016	11:30:00	HIGHWAY 307	C	2	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	West	West	Straight	Stopped
5845273	7/21/2016	16:34:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Stopped
6108623	7/22/2016	7:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	East	East	Turning Right	Turning Right
6108625	7/25/2016	17:59:00	MINUS AVE	O	0	0	Head On		Daylight	Dry	Passenger Car	Passenger Car	West	East	Turning Left	Turning Left
6108624	7/25/2016	10:43:00	OGLESBY AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	South	South	Changing Lanes	Straight
5860388	7/28/2016	7:52:00	GRANGE ROAD	C	0	0	Sideswipe - Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Stopped
6108632	7/30/2016	22:10:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Other	Passenger Car	North	North	Changing Lanes	Straight
5862192	8/1/2016	16:55:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Turning Right
6108639	8/2/2016	16:05:00	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Changing Lanes	Stopped
6108641	8/3/2016	12:48:00	VARNEDOE AVENUE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Tractor/Trailer	South	North	Backing	Straight
5862737	8/4/2016	9:32:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	N/A	N/A	East	East	Straight	Stopped
6108644	8/5/2016	17:03:00	VARNEDOE AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Pickup Truck	North	North	Changing Lanes	Straight
5870770	8/9/2016	7:51:00	CAREY HILLIARDS ACCESS RO	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
6108651	8/10/2016	14:42:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Changing Lanes	Straight
5898349	8/15/2016	11:15:00	DENMARK STREET	O	0	0	Not A Collision with Motor Vehicle	NMV – Parked Car	Daylight	Dry	Passenger Car	Passenger Car	West	West	Backing	Backing
6108662	8/16/2016	16:51:00	ST JOSEPH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Single Unit Truck	North	North	Making U-turn	Straight
6108661	8/16/2016	12:44:00	BRAMPTON ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	West	South	Turning Left	Straight
5883460	8/16/2016	17:42:00	CAREY HILLIARDS ACCESS RO	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6108660	8/16/2016	8:41:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Van	Passenger Car	South	South	Changing Lanes	Straight
6108664	8/17/2016	17:12:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6108668	8/19/2016	8:53:00	PRINCE PRESTON DR	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	West	South	Turning Left	Straight
6108666	8/19/2016	12:15:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6108669	8/20/2016	19:30:00	LEON VILLAGE ROAD	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Straight	Stopped
5889271	8/23/2016	6:16:00	ST JOSEPH AVENUE	C	1	0	Angle	Through w/ Right	Dawn	Dry	Passenger Car	Pickup Truck	N/A	N/A	Turning Right	Entering/Leaving Parking
5891173	8/24/2016	16:38:00	PRINCE PRESTON DR	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Pickup Truck	West	North	Entering/Leaving Driveway	Straight
5890626	8/24/2016	15:05:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Tractor/Trailer	N/A	North	N/A	Straight	N/A
6108680	8/26/2016	8:10:00	RUSSELL AVENUE	B	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	North	Turning Left	Straight
5894835	8/28/2016	4:00:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		DarkNot Lighted	Dry	Pickup Truck	N/A	North	N/A	Turning Right	N/A
5897365	8/29/2016	16:48:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Turning Right	Turning Right
6108686	8/29/2016	17:46:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
5904607	8/30/2016	17:32:00	CHATHAM VILLA DRIVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	West	South	Turning Left	Straight
5898412	8/30/2016	17:40:00	MINUS AVE	C	1	0	Sideswipe-Opposite Direction		Daylight	Dry	N/A	N/A	N/A	N/A	N/A	N/A
6108688	8/31/2016	15:30:00	BRAMPTON ROAD	O	0	0	Angle	Right Angle	Daylight	Wet	Passenger Car	Pickup Truck	East	South	Turning Right	Entering/Leaving Driveway
5902153	8/31/2016	16:28:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Van	South	South	Straight	Stopped
6108689	9/1/2016	15:54:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Wet	Tractor/Trailer	Passenger Car	North	North	Straight	Stopped
5900934	9/1/2016	8:40:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Other	Other	West	West	Straight	Straight
6108692	9/3/2016	8:51:00	PRISCILLA D THOMAS WAY	C	3	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	West	South	Turning Left	Straight
5904601	9/4/2016	13:48:00	RUSSELL AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	West	North	Turning Left	Straight
6108700	9/10/2016	19:45:00	MINUS AVE	B	1	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Van	Pickup Truck	East	North	Turning Left	Straight
5922058	9/11/2016	16:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Tractor/Trailer	South	South	Straight	Stopped
5923359	9/12/2016	10:27:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	East	East	Turning Right	Turning Right
6108707	9/14/2016	20:50:00	MINUS AVE	O	0	0	Not A Collision with Motor Vehicle	NMV - Pedestrian	DarkNot Lighted	Dry	Passenger Car	N/A	South	N/A	Turning Left	N/A
5920934	9/15/2016	17:17:00	CHATHAM VILLA DRIVE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	West	South	Turning Left	Straight
6108710	9/16/2016	17:13:00	CHATHAM VILLA DRIVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Left	Straight
6108709	9/16/2016	15:42:00	RUSSELL AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Turning Right
5926209	9/19/2016	0:00:00	BRAMPTON ROAD	C	1	0	Sideswipe-Same Direction		Dawn	Dry	Passenger Car	Tractor/Trailer	East	East	Turning Left	Turning Right
5939569	9/22/2016	6:56:00	HIGHWAY 307	O	0	0	Rear End		Dusk	Wet	Pickup Truck	Pickup Truck	East	East	Turning Right	Turning Right
5931394	9/23/2016	15:24:00	HIGHWAY 307	C	2	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Passenger Car	North	East	Straight	Turning Left
5935040	9/26/2016	19:22:00	PRINCE PRESTON DR	O	0	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Passenger Car	West	North	Turning Left	Straight

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SR 21 from Minus Avenue to Grange Road

6108723	9/27/2016	17:56:00	MINUS AVE	C	5	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	West	South	Turning Left	Straight
5937015	9/28/2016	12:54:00	ST JOSEPH AVENUE	O	0	0 Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Passenger Car	West	West	Turning Right	Turning Right
5943671	9/29/2016	16:01:00	DENMARK STREET	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Changing Lanes	Straight
5952251	10/10/2016	20:23:00	PRINCE PRESTON DR	O	0	0 Sideswipe-Opposite Direction		DarkLighted	Dry	N/A	Passenger Car	West	West	Backing	Straight
5954928	10/11/2016	6:26:00	HIGHWAY 307	O	0	0 Rear End		DarkLighted	Dry	Passenger Car	Bus	East	East	Turning Right	Turning Right
6108739	10/12/2016	14:17:00	PRINCE PRESTON DR	C	1	0 Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Straight
5957058	10/13/2016	15:41:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
6108747	10/14/2016	14:15:00	BRAMPTON ROAD	O	0	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
6108750	10/14/2016	17:29:00	PRINCE PRESTON DR	O	0	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
6108752	10/15/2016	14:57:00	MINUS AVE	C	1	0 Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6108757	10/17/2016	17:45:00	SMITH AVENUE	O	0	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	North	East	Straight	Turning Left
5971618	10/19/2016	0:00:00	ST JOSEPH AVENUE	O	0	0 Rear End		Daylight	Dry	N/A	N/A	South	South	Straight	Stopped
6108760	10/20/2016	17:46:00	MINUS AVE	C	2	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6108759	10/20/2016	12:24:00	BRAMPTON ROAD	O	0	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
6108768	10/22/2016	15:47:00	MINUS AVE	O	0	0 Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Straight
6108773	10/26/2016	9:04:00	PRINCE PRESTON DR	C	1	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Left	Straight
5983329	10/31/2016	14:22:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	East	East	Straight	Stopped
5988809	11/1/2016	8:23:00	GRANGE ROAD	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
6108786	11/2/2016	18:26:00	MINUS AVE	O	0	0 Head On	Head On	DarkLighted	Dry	N/A	Passenger Car	None	West	N/A	Straight
5986604	11/4/2016	13:32:00	MINUS AVE	O	0	0 Rear End	Rear End	Daylight	Dry	Pickup Truck	Passenger Car	North	North	Turning Right	Stopped
5988813	11/4/2016	9:25:00	GRANGE ROAD	O	0	0 Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Changing Lanes	Straight
5986605	11/4/2016	15:20:00	HARRELL DRIVE	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Changing Lanes	Straight
6108790	11/8/2016	12:01:00	HIGHWAY 307	C	2	0 Rear End		Daylight	Dry	Pickup Truck	Truck Tractor (Bobtail)	North	North	Straight	Stopped
5997310	11/10/2016	17:22:00	PRINCE PRESTON DR	O	0	0 Angle	Left Turn w/ Opposing Thru	Dusk	Dry	Passenger Car	Passenger Car	West	South	Turning Left	Straight
6108798	11/11/2016	16:00:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Turning Right	Turning Right
5999471	11/14/2016	18:04:00	SMITH AVENUE	O	0	0 Rear End		DarkNot Lighted	Dry	N/A	Sports Utility Vehicle (SUV)	North	North	N/A	Stopped
5999420	11/14/2016	18:30:00	ST JOSEPH AVENUE	O	0	0 Rear End		DarkLighted	Dry	Pickup Truck	Pickup Truck	North	North	Straight	Stopped
6108811	11/16/2016	17:45:00	SMITH AVENUE	C	1	0 Angle	Right Angle	DarkNot Lighted	Dry	Passenger Car	Pickup Truck	West	North	Turning Left	Passing
6005047	11/18/2016	9:53:00	HIGHWAY 307	O	0	0 Sideswipe-Same Direction		Daylight	Dry	N/A	Tractor/Trailer	N/A	East	N/A	Stopped
6108819	11/22/2016	15:29:00	MINUS AVE	A	2	0 Angle	Right Angle	Daylight	Dry	Passenger Car	Motorcycle	West	North	Entering/Leaving Parking	Straight
6108824	11/22/2016	16:21:00	MINUS AVE	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Making U-turn	Turning Right
6108822	11/23/2016	21:45:00	SMITH AVENUE	C	2	0 Angle	Righ Angle	DarkLighted	Dry	Passenger Car	Pickup Truck	West	North	Turning Left	Entering/Leaving Parking
6011004	11/23/2016	7:56:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6015337	11/27/2016	10:37:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Stopped
6108836	12/1/2016	15:17:00	CHATHAM VILLA DRIVE	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Turning Right
6021260	12/1/2016	8:13:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	N/A	N/A	South	South	Passing	Straight
6108839	12/2/2016	7:26:00	SMITH AVENUE	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6108845	12/5/2016	14:53:00	SMITH AVENUE	O	0	0 Angle	Through w/ Right	Daylight	Wet	Passenger Car	Passenger Car	North	North	Straight	Turning Right
6030434	12/6/2016	22:10:00	GRANGE ROAD	C	1	0 Angle	Left Turn w/ Opposing Thru	DarkNot Lighted	Dry	Sports Utility Vehicle (SUV)	Passenger Car	West	South	Turning Left	Straight
6108850	12/7/2016	14:45:00	PRISCILLA D THOMAS WAY	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6036940	12/8/2016	16:52:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Turning Right	Stopped
6037333	12/12/2016	10:33:00	BRAMPTON ROAD	O	0	0 Rear End		Daylight	Wet	Tractor/Trailer	Tractor/Trailer	South	South	Straight	Stopped
6037332	12/12/2016	8:07:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Wet	Passenger Car	Passenger Car	South	South	Turning Right	Turning Right
6108858	12/13/2016	15:22:00	MINUS AVE	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	N/A	South	None	Straight	N/A
6108860	12/13/2016	19:11:00	VARNEDOE AVENUE	O	0	0 Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Passenger Car	South	South	Straight	Straight
6108868	12/19/2016	19:02:00	DENMARK STREET	O	0	0 Angle	Left Turn w/ Opposing Thru	DarkLighted	Wet	Passenger Car	Pickup Truck	North	South	Turning Left	Straight
6108867	12/19/2016	17:02:00	PRINCE PRESTON DR	O	0	0 Angle	Left Turn w/ Opposing Thru	DarkLighted	Wet	Passenger Car	Passenger Car	West	South	Turning Left	Straight
6108869	12/20/2016	6:01:00	HIGHWAY 307	O	0	0 Rear End		Dawn	Wet	Pickup Truck	Passenger Car	North	North	Straight	Stopped
6108875	12/25/2016	19:00:00	MINUS AVE	C	1	0 Rear End		DarkLighted	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Straight	Stopped
6108877	12/27/2016	8:21:00	SMITH AVENUE	C	1	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6108880	12/30/2016	15:02:00	SMITH AVENUE	B	1	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Left	Straight
6061800	12/31/2016	14:06:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Other	Other	West	West	Straight	Straight
6070211	1/3/2017	6:12:00	HIGHWAY 307	B	2	0 Rear End		DarkLighted	Wet	Passenger Car	N/A	South	N/A	Straight	Parked
6108881	1/4/2017	15:01:00	ROMMEL AVE	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6077380	1/4/2017	12:23:00	HIGHWAY 307	C	2	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Left	Turning Left
6703698	1/12/2017	0:00:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6082809	1/13/2017	22:58:00	HIGHWAY 307	O	0	0 Sideswipe - Same Direction	Sideswipe - Same Direction	DarkNot Lighted	Dry	Passenger Car	Pickup Truck	West	East	Turning Left	Turning Left
6108892	1/14/2017	13:19:00	PRINCE PRESTON DR	C	1	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6108893	1/15/2017	14:56:00	ROMMEL AVE	C	1	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6108898	1/18/2017	14:07:00	CHATHAM VILLA DRIVE	C	1	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Left	Straight
6108903	1/20/2017	15:35:00	HIGHWAY 307	O	0	0 Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Tractor/Trailer	North	West	Changing Lanes	Turning Left

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SR 21 from Minus Avenue to Grange Road

6093807	1/21/2017	20:49:00	GRANGE ROAD	O	0	0	Sideswipe-Same Direction		DarkNot Lighted	Wet	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6108906	1/22/2017	1:00:00	SMITH AVENUE	O	0	0	Rear End		DarkLighted	Wet	Pickup Truck	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
6091053	1/23/2017	10:34:00	HIGHWAY 307	O	0	0	Rear End	Rear End	Daylight	Dry	Passenger Car	Passenger Car	East	East	Changing Lanes	Straight
6108914	1/24/2017	18:56:00	MINUS AVE	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	West	West	Straight	Stopped
6104124	1/31/2017	18:13:00	SMITH AVENUE	O	0	0	Sideswipe-Opposite Direction		DarkLighted	Dry	N/A	N/A	West	North	Turning Right	Straight
6108926	2/2/2017	16:20:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
6108929	2/6/2017	19:56:00	SMITH AVENUE	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6107372	2/6/2017	9:37:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Tractor/Trailer	West	West	Entering/Leaving Parking	Stopped
6340356	2/7/2017	15:10:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6340357	2/8/2017	8:54:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Straight
6111864	2/8/2017	13:18:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Turning Right	Turning Right
6340358	2/8/2017	9:49:00	ROMMEL AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
6340303	2/9/2017	16:02:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Bus	North	North	Straight	Stopped
6340306	2/9/2017	9:35:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Backing	Straight
6340313	2/12/2017	12:49:00	BRAMPTON ROAD	C	1	0	Rear End		Daylight	Dry	Panel Truck	Passenger Car	North	North	Changing Lanes	Stopped
6340314	2/15/2017	17:15:00	PRINCE PRESTON DR	C	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	West	South	Turning Left	Straight
6128657	2/21/2017	17:51:00	SMITH AVENUE	C	2	0	Angle	Right Angle	Dusk	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
6126690	2/22/2017	11:21:00	PRISCILLA D THOMAS WAY	O	0	0	Not A Collision with Motor Vehicle		Daylight	Wet	Passenger Car	N/A	South	N/A	Straight	N/A
6129896	2/24/2017	17:08:00	SPARKMAN DRIVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	West	South	Turning Left	Straight
6128682	2/24/2017	6:55:00	RUSSELL AVENUE	O	0	0	Angle	Right Angle	Dawn	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	North	Straight	Straight
6132131	2/24/2017	16:27:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Van	Passenger Car	East	East	Turning Right	Straight
6129924	2/25/2017	13:32:00	MINUS AVE	C	1	0	Rear End		Daylight	Dry	Motorcycle	Passenger Car	South	South	Straight	Stopped
6340228	2/27/2017	13:52:00	SMITH AVENUE	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Changing Lanes
6340227	2/27/2017	10:04:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	Straight	Straight
6340224	2/28/2017	17:06:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6340308	3/1/2017	9:31:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Motorcycle	N/A	East	N/A	Straight	N/A
6135862	3/2/2017	16:30:00	PRINCE PRESTON DR	B	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Van	Passenger Car	West	South	Turning Left	Straight
6135614	3/2/2017	12:56:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6340316	3/3/2017	14:43:00	RUSSELL AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	West	Straight	Straight
6340327	3/3/2017	15:12:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Single Unit Truck	North	North	Changing Lanes	Changing Lanes
6140213	3/6/2017	7:15:00	ROMMEL AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
6169744	3/6/2017	7:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6141821	3/7/2017	15:47:00	SPARKMAN DRIVE	C	4	0	Rear End		Daylight	Dry	Passenger Car	Bus	North	North	Changing Lanes	Straight
6141819	3/7/2017	8:23:00	PRINCE PRESTON DR	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	South	Straight	Stopped
6340300	3/8/2017	17:31:00	VARNEDOE AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	East	North	Turning Left	Straight
6340296	3/9/2017	16:17:00	SMITH AVENUE	C	3	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Van	North	East	Passing	Turning Left
6150487	3/9/2017	13:48:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Turning Right	Turning Right
6148831	3/13/2017	7:14:00	HIGHWAY 307	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Pickup Truck	East	East	Turning Right	Turning Left
6340286	3/14/2017	17:37:00	SMITH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	North	East	Turning Right	Straight
6153453	3/16/2017	17:47:00	PRINCE PRESTON DR	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Passenger Car	East	North	Turning Right	Straight
6153074	3/16/2017	7:16:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Dawn	Dry	Truck Tractor (Bobtail)	Pickup Truck	North	North	Straight	Stopped
6340281	3/17/2017	6:20:00	ST JOSEPH AVENUE	B	1	0	Angle	Through w/ Right	DarkLighted	Dry	Passenger Car	Other	North	North	Turning Right	Straight
6340274	3/19/2017	7:49:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
6169316	3/22/2017	17:26:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Truck Tractor (Bobtail)	Passenger Car	North	North	Backing	Stopped
6340263	3/26/2017	12:22:00	SPARKMAN DRIVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
6340264	3/26/2017	13:58:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Single Unit Truck	Pickup Truck	North	North	Straight	Stopped
6166955	3/27/2017	7:52:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Straight	Straight
6167225	3/27/2017	8:00:00	HIGHWAY 307	C	2	0	Rear End		Daylight	Dry	Tractor/Trailer	N/A	North	North	Straight	Straight
6340259	3/28/2017	5:27:00	BRAMPTON ROAD	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
6340256	3/29/2017	12:23:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6340253	3/30/2017	15:48:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	North	North	Straight	Stopped
6172233	3/30/2017	22:58:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Wet	Passenger Car	Passenger Car	South	South	N/A	Turning Right
6340246	4/2/2017	20:36:00	MINUS AVE	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Pickup Truck	South	South	Straight	Turning Right
6340241	4/4/2017	7:31:00	SMITH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	West	Straight	Turning Left
6177205	4/4/2017	8:07:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	South	South	Straight	Straight
6179723	4/5/2017	7:21:00	PRISCILLA D THOMAS WAY	C	2	0	Sideswipe-Opposite Direction		Daylight	Wet	Passenger Car	Passenger Car	West	South	Straight	Straight
6191441	4/7/2017	10:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Tractor/Trailer	North	North	Straight	Straight
6340353	4/7/2017	16:34:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
6193088	4/11/2017	17:23:00	MINUS AVE	C	3	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
6340374	4/11/2017	17:42:00	SMITH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	North	Turning Left	Straight
6340363	4/12/2017	16:46:00	HIGHWAY 307	O	0	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Pickup Truck	West	North	Entering/Leaving Parking	Straight

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SR 21 from Minus Avenue to Grange Road

6191451	4/12/2017	7:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
6340369	4/13/2017	17:14:00	ROMMEL AVE	C	3	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	South	North	Turning Left	Straight
6340386	4/13/2017	17:56:00	ROMMEL AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Backing	Straight
6340366	4/13/2017	15:29:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6340380	4/15/2017	20:40:00	VARNEDOE AVENUE	O	0	0	Sideswipe-Same Direction		DarkNot Lighted	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6197460	4/17/2017	14:53:00	MINUS AVE	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Tractor/Trailer	Passenger Car	South	South	Straight	Straight
6340382	4/17/2017	12:07:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	West	West	Straight	Turning Right
6340298	4/19/2017	12:13:00	VARNEDOE AVENUE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Tractor/Trailer	North	North	Straight	Stopped
6204438	4/19/2017	6:20:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6340392	4/24/2017	16:11:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
6340395	4/25/2017	13:21:00	SMITH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	North	North	Turning Left	Straight
6340394	4/25/2017	10:49:00	RUSSELL AVENUE	C	3	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6340412	4/27/2017	17:58:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Van	Sports Utility Vehicle (SUV)	South	North	Straight	Straight
6340401	4/27/2017	15:42:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Straight
6340404	4/28/2017	16:58:00	SMITH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
6340421	5/3/2017	9:01:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Turning Right
6340419	5/3/2017	7:15:00	ROMMEL AVE	C	1	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
6210754	5/5/2017	0.53958	CAREY HILLIARDS ACCESS RO/	O	0	0	Rear End		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6340431	5/8/2017	16:36:00	BURNSED BLVD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Stopped
6340434	5/10/2017	18:10:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Changing Lanes
6340438	5/12/2017	15:34:00	LEON VILLAGE ROAD	C	1	0	Not A Collision with Motor Vehicle		Daylight	Dry	N/A	Panel Truck	N/A	East	N/A	Backing
6251110	5/12/2017	9:23:00	HIGHWAY 307	O	1	1	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Turning Right
6236880	5/14/2017	16:00:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Motorcycle	Van	North	North	Straight	Straight
6340443	5/14/2017	15:53:00	BRAMPTON ROAD	C	2	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6340451	5/17/2017	9:24:00	OAK STREET	O	0	0	Angle	Right Angle	Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	West	Backing	Straight
6244388	5/17/2017	7:12:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6340462	5/22/2017	13:28:00	SMITH AVENUE	A	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Van	Passenger Car	North	East	Straight	N/A
6245532	5/22/2017	12:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	South	South	Straight	Stopped
6340463	5/22/2017	17:45:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Pickup Truck	Passenger Car	North	North	Changing Lanes	Straight
6248710	5/24/2017	0.36806	GRANGE ROAD	O	0	0	Rear End		N/A	N/A	Passenger Car	Passenger Car	South	South	Straight	Straight
6340484	5/25/2017	17:55:00	SMITH AVENUE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6249138	5/25/2017	7:58:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	N/A	N/A	West	West	Changing Lanes	Straight
6340476	5/26/2017	16:24:00	SPARKMAN DRIVE	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Pickup Truck	North	North	Entering/Leaving Parking	Straight
6268230	5/26/2017	14:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Panel Truck	Passenger Car	North	North	Turning Right	Stopped
6340485	5/29/2017	13:08:00	MINUS AVE	O	0	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Pickup Truck	West	West	Turning Right	Straight
6340489	5/30/2017	17:34:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6340496	6/1/2017	17:29:00	VARNEDOE AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	North	Turning Left	Straight
6340493	6/1/2017	11:53:00	SMITH AVENUE	O	0	0	Angle	Through w/ Right	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	East	North	Turning Right	Straight
6340495	6/1/2017	16:50:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6340497	6/2/2017	8:26:00	CHATHAM VILLA DRIVE	C	1	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	South	South	Straight	Straight
6340501	6/4/2017	0:52:00	MINUS AVE	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6340505	6/6/2017	11:34:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	N/A	Straight
6340513	6/8/2017	17:32:00	BIG HILL RD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6340512	6/8/2017	13:15:00	BRAMPTON ROAD	C	2	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Truck Tractor (Bobtail)	North	North	Turning Right	Straight
6340515	6/9/2017	12:51:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
6269605	6/9/2017	12:13:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
6269179	6/10/2017	21:32:00	HIGHWAY 307	K	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6340522	6/10/2017	19:33:00	MINUS AVE	C	1	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Changing Lanes
6340523	6/11/2017	5:32:00	MINUS AVE	C	1	0	Angle	Right Angle	DarkLighted	Dry	Passenger Car	Passenger Car	East	North	Entering/Leaving Driveway	Straight
6340531	6/16/2017	16:50:00	BURNSED BLVD	C	1	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	North	North	Straight	Straight
6278333	6/17/2017	12:41:00	HIGHWAY 307	C	7	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6340538	6/19/2017	18:20:00	MINUS AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	West	North	Entering/Leaving Driveway	Straight
6340540	6/20/2017	12:35:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Wet	Pickup Truck	Passenger Car	North	North	Straight	Stopped
6282193	6/20/2017	10:05:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Sports Utility Vehicle (SUV)	Vehicle With Trailer	South	South	Changing Lanes	Straight
6284292	6/22/2017	5:25:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		DarkNot Lighted	Dry	Pickup Truck	Pickup Truck	South	South	Changing Lanes	Straight
6340553	6/23/2017	17:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6340559	6/23/2017	17:35:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Changing Lanes	Straight
6285898	6/24/2017	0:42:00	HIGHWAY 307	C	1	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6291428	6/25/2017	21:26:00	HIGHWAY 307	O	0	0	Rear End		DarkNot Lighted	Wet	Pickup Truck	Passenger Car	West	West	Backing	Stopped
6340563	6/26/2017	15:57:00	SPARKMAN DRIVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	West	South	Turning Left	Straight
6291637	6/28/2017	8:01:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Tractor/Trailer	N/A	North	N/A	Turning Left	N/A

5-Year Crash Data (2016 - 2020)

SR 21 from Minus Avenue to Grange Road

6340567	6/28/2017	15:29:00	SMITH AVENUE	C	1	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6300802	6/29/2017	11:45:00	PRISCILLA D THOMAS WAY	A	1	0	Not A Collision with Motor Vehicle		Daylight	Dry	N/A	Passenger Car	N/A	South	N/A	Straight
6340575	6/30/2017	16:49:00	SMITH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	North	Passing	Entering/Leaving Driveway
6340580	7/4/2017	18:34:00	ST JOSEPH AVENUE	A	1	0	Not A Collision with Motor Vehicle		Daylight	Dry	N/A	Van	N/A	South	N/A	Straight
6340581	7/5/2017	15:12:00	HIGHWAY 307	C	3	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
6340588	7/11/2017	16:21:00	SMITH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	East	Changing Lanes	Turning Left
6316185	7/19/2017	15:26:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Turning Right
6340609	7/21/2017	13:27:00	VARNEDOE AVENUE	C	1	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Changing Lanes
6340612	7/22/2017	17:56:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
6340616	7/26/2017	15:28:00	MINUS AVE	O	0	0	Rear End		Daylight	Wet	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
6340621	7/27/2017	0:26:00	OGLESBY AVE	B	1	0	Angle	Right Angle	DarkLighted	Dry	Sports Utility Vehicle (SUV)	Passenger Car	East	South	Entering/Leaving Driveway	Straight
6340630	7/27/2017	16:59:00	SMITH AVENUE	C	1	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Changing Lanes	Turning Right
6340638	7/31/2017	18:24:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6333838	7/31/2017	13:28:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6340000	8/1/2017	17:38:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Negotiating A Curve	Negotiating A Curve
6531623	8/4/2017	9:23:00	SMITH AVENUE	C	1	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
6531624	8/4/2017	12:19:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Single Unit Truck	Panel Truck	North	North	Straight	Straight
6531622	8/4/2017	13:16:00	RUSSELL AVENUE	C	2	0	Rear End		Daylight	Dry	Passenger Car	Van	South	South	Straight	Straight
6345461	8/7/2017	15:42:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
6350938	8/8/2017	16:26:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6531633	8/9/2017	15:46:00	CHATHAM VILLA DRIVE	C	3	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Pickup Truck	Passenger Car	South	North	Turning Left	Straight
6531632	8/9/2017	14:40:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction	Sideswipe-Same Direction	Daylight	Dry	Passenger Car	Bus	East	East	Turning Right	Turning Right
6531639	8/11/2017	12:54:00	CHATHAM VILLA DRIVE	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Vehicle With Trailer	Pickup Truck	North	South	Straight	Parked
6531647	8/15/2017	14:51:00	MINUS AVE	C	2	0	Rear End		Daylight	Dry	Logging Truck	Passenger Car	North	North	Straight	Straight
6531646	8/15/2017	14:36:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Straight	Straight
6531648	8/15/2017	18:30:00	SPARKMAN DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Van	Passenger Car	North	North	Straight	Straight
6531650	8/18/2017	14:48:00	PRISCILLA D THOMAS WAY	C	2	0	Head On	Head On; Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	None	North	Passing	Straight
6360171	8/19/2017	10:43:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	North	North	Straight	Stopped
6531663	8/24/2017	17:26:00	MINUS AVE	C	1	0	Rear End	Backed into vechicle	Daylight	Dry	Passenger Car	Pickup Truck	West	West	Backing	Stopped
6531664	8/25/2017	6:52:00	HIGHWAY 307	O	0	0	Rear End		Dawn	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6531665	8/25/2017	7:39:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
6368037	8/25/2017	15:55:00	GRANGE ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Pickup Truck	Passenger Car	North	North	Changing Lanes	Changing Lanes
6531668	8/26/2017	17:50:00	MINUS AVE	C	1	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Van	South	South	Straight	Straight
6531669	8/27/2017	11:36:00	PRISCILLA D THOMAS WAY	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	North	South	Turning Left	Turning Left
6370283	8/28/2017	16:35:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
6531685	9/2/2017	19:46:00	BRAMPTON ROAD	O	0	0	Rear End		DarkLighted	Wet	Passenger Car	Passenger Car	West	West	Straight	Stopped
6531689	9/3/2017	20:37:00	SMITH AVENUE	C	1	0	Rear End		DarkLighted	Dry	Passenger Car	Van	North	North	Straight	Straight
6531687	9/3/2017	16:40:00	MINUS AVE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6531699	9/5/2017	17:34:00	ROMMEL AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	South	Straight	Turning Left
6531704	9/7/2017	17:53:00	RUSSELL AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Pickup Truck	East	North	Turning Left	Straight
6531703	9/8/2017	14:57:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6531706	9/12/2017	8:30:00	MINUS AVE	C	2	0	Angle	Right Angle	Daylight	Wet	Passenger Car	Passenger Car	South	East	Straight	Straight
6531709	9/12/2017	23:25:00	ST JOSEPH AVENUE	O	0	0	Not A Collision with Motor Vehicle		DarkLighted	Dry	Passenger Car	N/A	None	N/A	Straight	N/A
6531713	9/13/2017	18:06:00	BRAMPTON ROAD	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Tractor/Trailer	Passenger Car	South	East	Turning Left	Stopped
6531729	9/18/2017	17:04:00	MINUS AVE	C	2	0	Rear End		Daylight	Dry	Other	Passenger Car	North	North	Straight	Turning Right
6403075	9/19/2017	17:03:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6531735	9/20/2017	17:40:00	ROMMEL AVE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
6405055	9/21/2017	15:45:00	GRANGE ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	North	Turning Left	Straight
6531738	9/21/2017	12:33:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Turning Right
6531745	9/26/2017	10:57:00	ROMMEL AVE	C	1	0	Rear End		Daylight	Dry	Single Unit Truck	Van	South	South	Straight	Changing Lanes
6408424	9/27/2017	7:56:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6531754	9/28/2017	17:49:00	ROMMEL AVE	O	0	0	Angle	Right Angle	Daylight	Wet	Passenger Car	Passenger Car	East	North	Stopped	Straight
6408648	9/28/2017	18:13:00	HIGHWAY 307	C	2	0	Sideswipe-Same Direction		Daylight	Dry	Other	Passenger Car	South	South	Changing Lanes	Stopped
6531762	10/2/2017	13:20:00	HIGHWAY 307	O	0	0	Sideswipe - Same Direction	Rear End	Daylight	Dry	Sports Utility Vehicle (SUV)	Tractor/Trailer	North	North	Changing Lanes	Straight
6531763	10/3/2017	16:24:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6416024	10/4/2017	9:23:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Van	Sports Utility Vehicle (SUV)	East	East	Straight	Turning Left
6419377	10/6/2017	16:05:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	East	East	Turning Right	Turning Right
6531772	10/6/2017	18:42:00	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
6494214	10/10/2017	14:38:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	North	North	Backing	Stopped
6431965	10/16/2017	15:35:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Tractor/Trailer	North	North	Straight	Stopped
6531793	10/17/2017	17:44:00	OGLESBY AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Turning Left

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SR 21 from Minus Avenue to Grange Road

6436410	10/20/2017	15:22:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	East	East	Turning Right	Turning Right
6531798	10/20/2017	13:24:00	ST JOSEPH AVENUE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Backing	Stopped
6454489	10/23/2017	15:24:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	East	East	Turning Right	Stopped
6531815	10/24/2017	17:31:00	ROMMEL AVE	C	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	East	North	Turning Left	Straight
6531808	10/24/2017	8:25:00	SPARKMAN DRIVE	B	1	0	Sideswipe-Opposite Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	South	Turning Left	Straight
6439434	10/24/2017	7:25:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	South	South	Changing Lanes	Straight
6531817	10/25/2017	14:58:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Truck Tractor (Bobtail)	Passenger Car	North	North	Straight	Stopped
6452890	10/31/2017	15:12:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Straight	Stopped
6531830	10/31/2017	20:00:00	MINUS AVE	O	0	0	Rear End		DarkLighted	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	N/A
6454664	10/31/2017	9:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	Straight	Stopped
6531833	11/1/2017	17:44:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6461568	11/6/2017	10:07:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Vehicle With Trailer	Tractor/Trailer	East	East	Changing Lanes	Straight
6531848	11/8/2017	12:14:00	ROMMEL AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	West	North	Entering/Leaving Driveway	Straight
6531850	11/8/2017	23:08:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Wet	N/A	Sports Utility Vehicle (SUV)	North	North	N/A	Straight
6531853	11/9/2017	0.23819	MINUS AVE	O	0	0	Not A Collision with Motor Vehicle		N/A	N/A	Passenger Car	N/A	None	N/A	N/A	N/A
6466986	11/9/2017	13:00:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Tractor/Trailer	Tractor/Trailer	West	West	Negotiating A Curve	Negotiating A Curve
6531852	11/9/2017	19:01:00	BRAMPTON ROAD	C	1	0	Rear End		DarkLighted	Wet	Passenger Car	Passenger Car	South	South	Straight	Straight
6468635	11/11/2017	9:48:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Tractor/Trailer	N/A	South	N/A	Turning Left	N/A
6531859	11/14/2017	18:09:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6531862	11/15/2017	17:05:00	HIGHWAY 307	O	0	0	Rear End		Dawn	Dry	Passenger Car	Pickup Truck	North	North	Straight	Stopped
6482482	11/16/2017	11:40:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	Turning Right	Turning Right
6531866	11/16/2017	19:13:00	SPARKMAN DRIVE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6531870	11/18/2017	18:43:00	BRAMPTON ROAD	C	1	0	Rear End		Dusk	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Stopped
6531874	11/20/2017	8:10:00	BURNSED BLVD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6531873	11/20/2017	6:20:00	CHATHAM VILLA DRIVE	B	1	0	Rear End		Dawn	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	Straight	Stopped
6482503	11/21/2017	15:20:00	HIGHWAY 307	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Tractor/Trailer	Passenger Car	South	South	Straight	Straight
6531885	11/22/2017	13:31:00	MINUS AVE	C	1	0	Head On		Daylight	Dry	Passenger Car	Passenger Car	South	North	Straight	Straight
6531889	11/25/2017	17:58:00	DENMARK STREET	O	0	0	Not A Collision with Motor Vehicle		DarkLighted	Dry	Pickup Truck	N/A	South	N/A	Straight	N/A
6531897	11/27/2017	19:00:00	BRAMPTON ROAD	O	0	0	Rear End		DarkLighted	Dry	Van	Van	North	North	Straight	Stopped
6531894	11/27/2017	16:38:00	SPARKMAN DRIVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6531900	11/28/2017	12:35:00	BRAMPTON ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Turning Left
6531898	11/28/2017	7:10:00	HIGHWAY 307	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	East	Passing	Turning Left
6531904	11/28/2017	18:31:00	RUSSELL AVENUE	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	DarkLighted	Wet	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Changing Lanes	Changing Lanes
6531903	11/28/2017	17:35:00	MINUS AVE	O	0	0	Rear End		DarkNot Lighted	Dry	Pickup Truck	Passenger Car	North	North	Straight	Straight
6531910	11/30/2017	11:53:00	CHATHAM VILLA DRIVE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Turning Left	Straight
6531909	11/30/2017	14:22:00	ST JOSEPH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	N/A	South	South	Changing Lanes	Straight
6531912	12/1/2017	17:53:00	OGLESBY AVE	O	0	0	Angle	Through w/ Right	DarkLighted	Dry	Van	Passenger Car	North	North	Turning Right	Straight
6495374	12/1/2017	8:35:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
6531921	12/4/2017	22:12:00	MINUS AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Passenger Car	West	South	Turning Left	Straight
6500618	12/4/2017	17:45:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Stopped
6503012	12/6/2017	10:26:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Vehicle With Trailer	North	North	Turning Right	Stopped
6531927	12/7/2017	7:33:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Wet	N/A	Passenger Car	North	North	Straight	Stopped
6531926	12/7/2017	7:13:00	BIG HILL RD	O	0	0	Sideswipe-Same Direction		Dawn	Wet	Passenger Car	Van	South	South	Changing Lanes	Straight
6531929	12/8/2017	6:09:00	ST JOSEPH AVENUE	C	2	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Wet	Pickup Truck	N/A	East	South	Turning Left	Straight
6506463	12/8/2017	15:51:00	HIGHWAY 307	O	0	0	Rear End	Rear End	Daylight	Wet	Pickup Truck	Pickup Truck	East	East	Turning Right	Stopped
6505763	12/8/2017	7:55:00	HIGHWAY 307	O	0	0	Rear End	Rear End	Daylight	Wet	Pickup Truck	Passenger Car	East	East	Turning Right	Turning Right
6531936	12/9/2017	17:34:00	PRINCE PRESTON DR	C	2	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6531949	12/13/2017	17:58:00	MINUS AVE	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6531953	12/14/2017	18:33:00	ST JOSEPH AVENUE	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6514315	12/14/2017	0.74236	HIGHWAY 307	O	0	0	Rear End		N/A	N/A	Passenger Car	Passenger Car	South	South	Turning Right	Stopped
6514165	12/14/2017	6:30:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6531958	12/17/2017	9:36:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
6531964	12/19/2017	8:25:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	West	West	Changing Lanes	Straight
6526263	12/22/2017	22:12:00	GRANGE ROAD	O	0	0	Not A Collision with Motor Vehicle	NMV - Animal	DarkNot Lighted	Dry	Passenger Car	N/A	North	N/A	Straight	N/A
6531977	12/25/2017	22:15:00	BIG HILL RD	C	2	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Pickup Truck	Pickup Truck	East	South	Turning Left	Straight
6673995	12/29/2017	15:59:00	VARNEDOE AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Pickup Truck	West	South	Straight	Straight
6673987	12/29/2017	13:21:00	MINUS AVE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6550073	1/9/2018	8:34:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Straight
6674022	1/11/2018	16:29:00	MINUS AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	East	North	Turning Left	Straight
6674037	1/19/2018	22:32:00	MINUS AVE	B	3	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Passenger Car	East	North	Turning Left	Straight
6674042	1/21/2018	15:58:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Straight

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SR 21 from Minus Avenue to Grange Road

6674045	1/24/2018	8:34:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
6674047	1/24/2018	12:47:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	West	West	Backing	Straight
6567614	1/26/2018	8:34:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Stopped	Straight
6570820	1/27/2018	6:04:00	HIGHWAY 307	K	0	1	Rear End		DarkNot Lighted	Dry	Passenger Car	Tractor/Trailer	South	South	Straight	Straight
6674056	1/28/2018	10:45:00	ST JOSEPH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Van	Passenger Car	West	South	Turning Left	Straight
6674061	2/1/2018	12:12:00	DENMARK STREET	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	South	North	Turning Left	Straight
6674063	2/2/2018	7:47:00	PRINCE PRESTON DR	C	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
6579963	2/5/2018	8:15:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6674074	2/7/2018	6:54:00	BRAMPTON ROAD	O	0	0	Rear End		Dawn	Dry	Pickup Truck	Motorcycle	North	North	Straight	Turning Right
6584251	2/7/2018	8:10:00	GRANGE ROAD	O	2	0	Rear End		Daylight	Dry	Passenger Car	Van	South	South	Straight	Straight
6674075	2/8/2018	16:59:00	PRINCE PRESTON DR	C	1	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6616344	2/12/2018	7:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Passenger Car	South	North	Straight	Stopped
6598053	2/16/2018	14:20:00	HIGHWAY 307	C	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	East	East	Turning Right	Stopped
6674090	2/20/2018	14:40:00	PRISCILLA D THOMAS WAY	C	1	0	Angle	Right Angle	Daylight	Wet	Passenger Car	N/A	North	East	Straight	Entering/Leaving Parking
6674095	2/21/2018	19:00:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Turning Right
6674096	2/22/2018	13:50:00	BRAMPTON ROAD	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Tractor/Trailer	East	South	Entering/Leaving Parking	Straight
6609876	2/23/2018	16:42:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	West	West	Turning Right	Turning Right
6674101	2/25/2018	14:41:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
6674107	2/28/2018	7:18:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6618387	3/3/2018	10:50:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Tractor/Trailer	Passenger Car	North	North	Changing Lanes	Straight
6631779	3/7/2018	18:20:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
6674125	3/8/2018	12:52:00	PRINCE PRESTON DR	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Pickup Truck	North	North	Changing Lanes	Straight
6674129	3/10/2018	11:58:00	PRISCILLA D THOMAS WAY	C	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	South	Turning Left	Straight
6674132	3/12/2018	15:43:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Changing Lanes
6674136	3/13/2018	14:46:00	BRAMPTON ROAD	O	0	0	Head On		Daylight	Dry	Passenger Car	Pickup Truck	East	South	Turning Left	Straight
6674135	3/13/2018	6:41:00	ROMMEL AVE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
6641301	3/16/2018	10:03:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Tractor/Trailer	East	East	Straight	Straight
6674146	3/17/2018	15:19:00	SMITH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	North	Turning Left	Straight
6637844	3/18/2018	0:17:00	HIGHWAY 307	C	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6674153	3/20/2018	15:37:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Wet	Passenger Car	Pickup Truck	North	North	Straight	Stopped
6674149	3/20/2018	6:57:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6704380	3/26/2018	12:17:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Panel Truck	South	South	Turning Right	Turning Right
6652855	3/27/2018	18:30:00	HIGHWAY 307	C	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Tractor/Trailer	N/A	East	N/A	Turning Right	N/A
6673974	3/29/2018	20:05:00	MINUS AVE	O	0	0	Sideswipe - Same Direction	Rear End	DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6674175	4/3/2018	7:50:00	MINUS AVE	B	3	0	Angle	Right Angle	Daylight	Dry	Van	Passenger Car	East	North	Entering/Leaving Parking	Straight
6674179	4/4/2018	16:01:00	OGLESBY AVE	C	2	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Turning Left
6674178	4/4/2018	15:37:00	OGLESBY AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Vehicle With Trailer	Passenger Car	East	South	Entering/Leaving Driveway	Straight
6686216	4/6/2018	14:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	None	Turning Right	Stopped
6674186	4/10/2018	7:59:00	SMITH AVENUE	C	3	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Pickup Truck	East	North	Turning Left	Straight
6668956	4/10/2018	6:40:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Stopped	Straight
6704482	4/12/2018	13:39:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	North	North	Straight	Straight
6674194	4/13/2018	9:44:00	CHATHAM VILLA DRIVE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6674193	4/13/2018	7:26:00	DENMARK STREET	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6691946	4/14/2018	11:25:00	MINUS AVE	B	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Ambulance	Tractor/Trailer	West	North	Turning Left	Straight
6674198	4/14/2018	16:53:00	PRINCE PRESTON DR	O	0	0	Not A Collision with Motor Vehicle	NMV - Pedestrian	Daylight	Dry	Passenger Car	N/A	East	North	Straight	N/A
6767809	4/16/2018	16:19:00	SMITH AVENUE	B	2	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	South	North	Straight	Straight
6767808	4/16/2018	9:34:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Right	Stopped
6767812	4/19/2018	8:37:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6767816	4/20/2018	15:23:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6767818	4/22/2018	12:55:00	ST JOSEPH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	South	South	Entering/Leaving Driveway	Straight
6687347	4/22/2018	2:39:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Pickup Truck	Passenger Car	East	East	Straight	Other
6767821	4/24/2018	15:10:00	BRAMPTON ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	East	North	N/A	Straight
6767820	4/24/2018	13:34:00	DENMARK STREET	C	2	0	Angle	Right Angle	Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	West	South	Straight	Straight
6767829	4/26/2018	15:26:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6767826	4/27/2018	13:31:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6690060	4/30/2018	8:34:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
6809593	5/6/2018	16:57:00	SMITH AVENUE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
6767838	5/6/2018	18:42:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6704674	5/7/2018	11:18:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Turning Right
6809606	5/10/2018	6:08:00	VARNEDOE AVENUE	O	0	0	Rear End		Dawn	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
6809614	5/12/2018	14:17:00	MINUS AVE	C	2	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped

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6809616	5/13/2018	15:14:00	MINUS AVE	O	0	0 Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Left	Turning Right
6706737	5/13/2018	12:50:00	HIGHWAY 307	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	East	East	Changing Lanes	Straight
6809618	5/14/2018	7:26:00	PRINCE PRESTON DR	O	0	0 Sideswipe-Opposite Direction		Daylight	Dry	Passenger Car	Passenger Car	West	East	Straight	Straight
6721968	5/16/2018	7:26:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	West	West	Changing Lanes	Straight
6721973	5/17/2018	14:22:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Wet	Passenger Car	Passenger Car	North	North	Straight	Straight
6809632	5/18/2018	14:33:00	CHATHAM VILLA DRIVE	C	2	0 Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Straight	Straight
6809639	5/22/2018	7:35:00	BIG HILL RD	C	1	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	South	Making U-turn	Straight
6809642	5/22/2018	15:59:00	DENMARK STREET	B	2	0 Angle	Through w/ Right	Daylight	Dry	Single Unit Truck	Pickup Truck	South	South	Turning Right	Straight
6809645	5/24/2018	6:53:00	RUSSELL AVENUE	O	0	0 Rear End		Dawn	Dry	Passenger Car	Pickup Truck	North	North	Straight	Turning Right
6731823	5/26/2018	14:16:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Stopped	Straight
6809648	5/29/2018	16:00:00	OGLESBY AVE	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Changing Lanes
6809654	5/31/2018	16:19:00	PRISCILLA D THOMAS WAY	O	0	0 Angle	Left Turn with Thru	Daylight	Dry	Passenger Car	Passenger Car	North	South	Turning Right	Turning Left
6734912	6/1/2018	18:00:00	HIGHWAY 307	O	0	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	East	South	Straight	Turning Left
6734340	6/1/2018	19:00:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Other	Passenger Car	West	West	Straight	Stopped
6734313	6/1/2018	17:15:00	HIGHWAY 307	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
6809664	6/7/2018	12:05:00	SMITH AVENUE	C	3	0 Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	North	North	Straight	Stopped
6742478	6/8/2018	12:17:00	GRANGE ROAD	C	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Straight	Stopped
6809667	6/8/2018	15:45:00	MINUS AVE	C	1	0 Rear End		Daylight	Wet	Passenger Car	Passenger Car	South	South	Straight	Straight
6809668	6/8/2018	16:30:00	SPARKMAN DRIVE	C	2	0 Rear End		Daylight	Wet	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
6809669	6/8/2018	17:48:00	MINUS AVE	O	0	0 Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	South	South	Straight	Straight
6809674	6/11/2018	17:20:00	BURNSED BLVD	O	0	0 Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	North	North	Straight	Stopped
6809677	6/12/2018	18:12:00	VARNEDOE AVENUE	C	0	0 Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Passenger Car	Passenger Car	South	North	Turning Left	Straight
6809676	6/12/2018	17:45:00	MINUS AVE	O	0	0 Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Passenger Car	North	North	Changing Lanes	Stopped
6809678	6/13/2018	9:58:00	MINUS AVE	C	1	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Single Unit Truck	Passenger Car	North	South	Turning Left	Straight
6809683	6/14/2018	16:53:00	MINUS AVE	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Changing Lanes	Straight
6809688	6/15/2018	8:54:00	ST JOSEPH AVENUE	O	0	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Tractor/Trailer	Passenger Car	North	South	Turning Left	Straight
6809686	6/15/2018	6:03:00	OGLESBY AVE	C	1	0 Sideswipe-Same Direction		Dawn	Dry	Tractor/Trailer	Passenger Car	South	South	Changing Lanes	Straight
6761375	6/18/2018	7:50:00	GRANGE ROAD	B	0	0 Angle	Right Angle	Daylight	Dry	Pickup Truck	Passenger Car	West	North	Other	Straight
6759573	6/18/2018	15:51:00	HIGHWAY 307	C	0	0 Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Turning Right	Turning Right
6773395	6/19/2018	15:59:00	HIGHWAY 307	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Changing Lanes	Straight
6809701	6/20/2018	9:35:00	CHATHAM VILLA DRIVE	O	0	0 Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
6763111	6/20/2018	17:45:00	HIGHWAY 307	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Truck Tractor (Bobtail)	North	North	Straight	Straight
6809707	6/21/2018	16:53:00	PRINCE PRESTON DR	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6809713	6/22/2018	14:59:00	ROMMEL AVE	B	2	0 Rear End		Daylight	Dry	Van	Passenger Car	North	North	Straight	Entering/Leaving Parking
6809714	6/23/2018	15:13:00	SPARKMAN DRIVE	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
6771860	6/25/2018	10:00:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	West	West	Straight	Straight
6809715	6/25/2018	13:21:00	BRAMPTON ROAD	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Changing Lanes	Straight
6809723	6/27/2018	11:16:00	PRINCE PRESTON DR	O	0	0 Angle	Right Angle	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	East	South	Turning Right	Stopped
6771871	6/27/2018	5:48:00	HIGHWAY 307	O	0	0 Angle	Through w/ Right	Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Turning Right	Straight
6809725	6/27/2018	11:06:00	BRAMPTON ROAD	O	0	0 Rear End		Daylight	Dry	Van	Passenger Car	West	West	Backing	Straight
6809726	6/28/2018	7:33:00	BRAMPTON ROAD	O	0	0 Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
6777858	6/28/2018	17:20:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Turning Right	Stopped
6809729	6/29/2018	9:45:00	PRISCILLA D THOMAS WAY	C	1	0 Not A Collision with Motor Vehicle		Daylight	Dry	N/A	Passenger Car	East	North	N/A	Straight
6809732	7/2/2018	17:41:00	DENMARK STREET	O	0	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Stopped
6809735	7/3/2018	18:26:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6809740	7/5/2018	21:45:00	HARRELL DRIVE	O	0	0 Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6789026	7/6/2018	7:45:00	HIGHWAY 307	O	0	0 Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	N/A	Passenger Car	None	East	N/A	Straight
6809742	7/7/2018	18:07:00	SMITH AVENUE	O	0	0 Rear End		Dusk	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Turning Right
6809744	7/9/2018	16:26:00	MINUS AVE	C	1	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Van	Passenger Car	South	North	Turning Left	Straight
6809745	7/9/2018	17:12:00	BRAMPTON ROAD	C	1	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Straight
6809758	7/16/2018	18:04:00	BIG HILL RD	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Changing Lanes
6809759	7/17/2018	11:23:00	PRISCILLA D THOMAS WAY	B	3	0 Head On		Daylight	Dry	Passenger Car	N/A	North	East	Straight	N/A
6809760	7/17/2018	12:55:00	DENMARK STREET	O	0	0 Not A Collision with Motor Vehicle		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Changing Lanes	Straight
6809765	7/19/2018	16:33:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Straight	Straight
6809768	7/20/2018	15:19:00	ST JOSEPH AVENUE	O	0	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	East	North	Turning Left	Straight
6809769	7/20/2018	16:10:00	ST JOSEPH AVENUE	O	0	0 Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Van	North	North	Changing Lanes	Straight
6809773	7/23/2018	6:39:00	DENMARK STREET	O	0	0 Angle	Right Angle	Daylight	Dry	Passenger Car	N/A	West	North	Entering/Leaving Driveway	Straight
6809775	7/24/2018	15:25:00	DENMARK STREET	B	2	0 Not A Collision with Motor Vehicle	NMV - Pedestrian	Daylight	Dry	N/A	N/A	West	West	N/A	N/A
6802864	7/24/2018	8:30:00	HIGHWAY 307	O	0	0 Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Turning Right
6809776	7/25/2018	17:07:00	ROMMEL AVE	O	0	0 Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	North	Turning Left	Straight
6809780	7/26/2018	17:26:00	BRAMPTON ROAD	O	0	0 Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Changing Lanes	Straight

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SR 21 from Minus Avenue to Grange Road

6809786	7/28/2018	9:13:00	ROMMEL AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Changing Lanes	Straight
6834204	7/31/2018	18:42:00	MINUS AVE	O	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	North	North	Straight	Stopped
6834201	7/31/2018	9:10:00	SMITH AVENUE	B	1	0	Rear End		Daylight	Dry	Passenger Car	Truck Tractor (Bobtail)	South	South	Making U-turn	Straight
6834212	8/2/2018	14:40:00	PRISCILLA D THOMAS WAY	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Passenger Car	Sports Utility Vehicle (SUV)	South	North	Straight	Turning Left
6834213	8/3/2018	0.36806	MINUS AVE	O	0	0	Sideswipe-Same Direction		N/A	N/A	Truck Tractor (Bobtail)	Passenger Car	None	None	N/A	N/A
6905201	8/5/2018	18:50:00	HIGHWAY 307	C	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Tractor/Trailer	South	South	Turning Right	Straight
6834217	8/5/2018	18:23:00	SPARKMAN DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Single Unit Truck	Sports Utility Vehicle (SUV)	North	North	Changing Lanes	Straight
6834218	8/6/2018	9:01:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Stopped	Straight
6834223	8/7/2018	16:25:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6834227	8/8/2018	16:11:00	MINUS AVE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Van	East	North	Turning Left	Straight
6834224	8/8/2018	6:39:00	CHATHAM VILLA DRIVE	C	2	0	Rear End		Daylight	Dry	Passenger Car	Bus	North	North	Straight	Stopped
6834229	8/8/2018	18:20:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
6834228	8/8/2018	16:49:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6834226	8/8/2018	14:19:00	MINUS AVE	C	1	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Changing Lanes	Straight
6834233	8/10/2018	11:26:00	ST JOSEPH AVENUE	O	0	0	Rear End	Rear End	Daylight	Dry	Passenger Car	Passenger Car	South	South	Backing	Turning Left
6834242	8/14/2018	15:58:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
6834240	8/14/2018	7:25:00	HARRELL DRIVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Straight
6834243	8/15/2018	8:05:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Right	Turning Right
6880261	8/16/2018	11:48:00	CHATHAM VILLA DRIVE	O	0	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Tractor/Trailer	East	South	Straight	Straight
6840212	8/16/2018	9:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Truck Tractor (Bobtail)	Truck Tractor (Bobtail)	East	East	Straight	Stopped
6836104	8/16/2018	17:33:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Truck Tractor (Bobtail)	Tractor/Trailer	South	South	Straight	Stopped
6880262	8/17/2018	8:43:00	BRAMPTON ROAD	C	1	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
6880264	8/17/2018	14:22:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	South	South	Turning Left	Turning Left
6840571	8/20/2018	15:55:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Stopped
6843971	8/20/2018	5:35:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
6880272	8/20/2018	17:18:00	MINUS AVE	O	0	0	Sideswipe-Opposite Direction		Daylight	Dry	Passenger Car	Passenger Car	North	South	Turning Left	Stopped
6843230	8/22/2018	8:45:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Sports Utility Vehicle (SUV)	West	West	Backing	Stopped
6880286	8/27/2018	15:01:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6880288	8/28/2018	16:20:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Changing Lanes	Straight
6880289	8/29/2018	14:50:00	VARNEDOE AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Pickup Truck	North	None	Changing Lanes	Straight
6880294	9/1/2018	12:31:00	MINUS AVE	O	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	North	North	Straight	Straight
6880300	9/5/2018	16:12:00	HARRELL DRIVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Van	North	North	Changing Lanes	Straight
6880303	9/7/2018	12:38:00	CHATHAM VILLA DRIVE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
6880310	9/10/2018	16:14:00	DENMARK STREET	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
6880308	9/10/2018	9:55:00	MINUS AVE	O	1	0	Not A Collision with Motor Vehicle		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Straight
6869261	9/11/2018	7:40:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Stopped
6880312	9/11/2018	17:17:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Van	South	South	Straight	Straight
6873536	9/11/2018	16:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	West	West	Stopped	Stopped
6880313	9/12/2018	9:59:00	CAREY HILLIARDS ACCESS RO	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Pickup Truck	West	West	Straight	Straight
6880283	9/14/2018	13:52:00	CHATHAM VILLA DRIVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
6880317	9/17/2018	18:05:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Turning Right	Turning Right
6926045	9/24/2018	22:58:00	MINUS AVE	C	1	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Single Unit Truck	West	North	Turning Left	Straight
6888354	9/25/2018	13:25:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	East	East	Straight	Stopped
6926050	9/26/2018	7:21:00	MINUS AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
6890065	9/26/2018	17:19:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	West	West	Other	Stopped
6926056	9/28/2018	8:11:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Left	Turning Left
6926063	10/1/2018	0:07:00	MINUS AVE	O	0	0	Head On		DarkLighted	Dry	Passenger Car	Van	West	East	Turning Left	Turning Left
6926066	10/1/2018	15:30:00	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Changing Lanes
6926065	10/1/2018	17:25:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Changing Lanes	Straight
6901152	10/2/2018	14:37:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	South	South	Straight	Stopped
6903666	10/3/2018	6:02:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Bus	N/A	West	N/A	Stopped	N/A
6904620	10/8/2018	6:25:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Wet	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Turning Right
6908254	10/9/2018	15:33:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	East	East	Turning Right	Stopped
6910443	10/10/2018	15:35:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	East	East	Turning Right	Turning Right
6909182	10/10/2018	17:00:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Truck Tractor (Bobtail)	Tractor/Trailer	West	West	Straight	Stopped
6926087	10/12/2018	22:27:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		DarkNot Lighted	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
6912979	10/13/2018	15:06:00	GRANGE ROAD	O	0	0	Rear End	Rear End	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
6926093	10/14/2018	12:25:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6926095	10/14/2018	21:43:00	HIGHWAY 307	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Passenger Car	West	West	Turning Right	Turning Right
6926096	10/15/2018	20:39:00	PRISCILLA D THOMAS WAY	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	West	South	Turning Left	Straight
6926103	10/17/2018	17:37:00	SMITH AVENUE	C	1	0	Rear End		Daylight	Dry	N/A	Passenger Car	North	North	N/A	Straight

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SR 21 from Minus Avenue to Grange Road

6922002	10/19/2018	8:25:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Tractor/Trailer	N/A	West	N/A	Straight	N/A
6926113	10/19/2018	20:00:00	MINUS AVE	O	0	0	Rear End		DarkLighted	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
6922599	10/19/2018	10:55:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Van	West	West	Straight	Stopped
6926114	10/20/2018	5:38:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Straight
6926115	10/22/2018	9:15:00	MINUS AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
6925451	10/22/2018	13:54:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
6939930	10/23/2018	22:56:00	MINUS AVE	O	0	0	Not A Collision with Motor Vehicle		DarkLighted	Dry	Passenger Car	N/A	North	N/A	Turning Left	N/A
6939942	10/26/2018	13:55:00	ROMMEL AVE	C	1	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Turning Right
6931938	10/26/2018	12:01:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Tractor/Trailer	Passenger Car	North	North	Backing	Backing
6942970	11/1/2018	21:35:00	GRANGE ROAD	C	1	0	Angle	Left Turn w/ Opposing Thru	DarkNot Lighted	Dry	Tractor/Trailer	Pickup Truck	South	North	Turning Left	Straight
6986572	11/1/2018	15:43:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6986571	11/1/2018	7:02:00	SMITH AVENUE	O	0	0	Sideswipe-Same Direction		Dusk	Dry	Tractor/Trailer	Pickup Truck	North	North	Changing Lanes	Straight
6943135	11/2/2018	12:25:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Turning Right	Turning Right
6986581	11/3/2018	16:58:00	SMITH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
6986585	11/6/2018	11:15:00	MINUS AVE	C	1	0	Angle	Left Turn w/ Opposing Thru; NMV -	Daylight	Dry	Passenger Car	Pickup Truck	West	None	Turning Left	Parked
6986592	11/12/2018	15:25:00	SMITH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Pickup Truck	Passenger Car	West	North	Turning Right	Straight
6986591	11/12/2018	2:32:00	MINUS AVE	O	0	0	Head On		DarkLighted	Dry	Passenger Car	N/A	South	N/A	Turning Left	N/A
6986593	11/13/2018	6:56:00	PRINCE PRESTON DR	C	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	South	Entering/Leaving Driveway	Straight
6986598	11/13/2018	17:09:00	RUSSELL AVENUE	A	2	0	Angle	Right Angle; NMV - Lost Control	Dusk	Wet	Passenger Car	Pickup Truck	North	West	Changing Lanes	Stopped
6986595	11/13/2018	17:57:00	CHATHAM VILLA DRIVE	O	0	0	Angle	Through w/ Right	DarkLighted	Wet	Passenger Car	Passenger Car	East	South	Entering/Leaving Driveway	Straight
6959842	11/15/2018	12:37:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6986600	11/16/2018	10:38:00	PRINCE PRESTON DR	B	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	West	South	Turning Left	Straight
6986599	11/16/2018	11:23:00	BRAMPTON ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Bus	West	West	Turning Left	Straight
6986605	11/20/2018	13:04:00	MINUS AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Pickup Truck	West	North	Straight	Straight
6986613	11/23/2018	17:01:00	ST JOSEPH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Truck Tractor (Bobtail)	Passenger Car	North	North	Changing Lanes	Straight
6986620	11/25/2018	19:33:00	SMITH AVENUE	O	0	0	Angle	Right Angle	DarkLighted	Dry	Passenger Car	Passenger Car	West	North	Turning Left	Straight
6978033	11/27/2018	7:50:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
6981277	11/28/2018	8:33:00	HIGHWAY 307	B	0	0	Rear End		Daylight	Dry	Single Unit Truck	Tractor/Trailer	East	East	Straight	Stopped
6986619	11/28/2018	18:07:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Van	Passenger Car	South	South	Changing Lanes	Straight
6988679	11/29/2018	16:13:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
6986623	11/30/2018	0.59514	ROMMEL AVE	O	0	0	Not A Collision with Motor Vehicle		N/A	N/A	Truck Tractor (Bobtail)	Pickup Truck	None	None	N/A	N/A
6986624	11/30/2018	14:28:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
6991044	12/3/2018	7:00:00	MINUS AVE	O	0	0	Not A Collision with Motor Vehicle		Daylight	Wet	Pickup Truck	N/A	N/A	N/A	Straight	N/A
7050573	12/4/2018	21:22:00	ST JOSEPH AVENUE	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Pickup Truck	East	East	Straight	Straight
6988697	12/4/2018	19:15:00	GRANGE ROAD	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
6994208	12/7/2018	9:20:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	South	South	Straight	Straight
7043138	12/7/2018	6:59:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
7050580	12/8/2018	18:55:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		DarkLighted	Wet	Pickup Truck	Passenger Car	North	North	Straight	Straight
7050591	12/12/2018	21:44:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		DarkLighted	Dry	Sports Utility Vehicle (SUV)	Tractor/Trailer	North	North	Straight	Straight
7050568	12/12/2018	9:54:00	VARNEDOE AVENUE	O	0	0	Rear End		Daylight	Dry	Other	Passenger Car	North	North	Changing Lanes	Straight
7043567	12/13/2018	9:15:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
7050593	12/14/2018	12:56:00	MINUS AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Passenger Car	Passenger Car	East	North	Turning Left	Straight
7043679	12/18/2018	6:30:00	HIGHWAY 307	O	0	0	Angle	Left Turn w/ Opposing Thru	Dawn	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	West	Turning Left	Straight
7050602	12/18/2018	17:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Straight
7043681	12/18/2018	7:30:00	GRANGE ROAD	C	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
7050605	12/21/2018	11:50:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Wet	N/A	Passenger Car	South	South	Straight	Stopped
7050610	12/25/2018	14:51:00	PRISCILLA D THOMAS WAY	C	1	0	Head On		Daylight	Dry	Passenger Car	Passenger Car	South	North	Straight	Straight
7050611	12/26/2018	22:30:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7050614	12/28/2018	19:14:00	ROMMEL AVE	C	1	0	Rear End		DarkLighted	Wet	Passenger Car	Passenger Car	South	South	Straight	Straight
7043873	1/7/2019	17:22:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Stopped
7067267	1/31/2019	17:00:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	West	West	Turning Right	Turning Right
7069066	2/2/2019	0:00:00	HIGHWAY 307	B	1	0	Angle	Right Angle	Daylight	Dry	Pickup Truck	Passenger Car	West	North	Straight	Straight
7133906	2/4/2019	16:21:00	PRINCE PRESTON DR	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	West	South	Turning Left	Straight
7133907	2/4/2019	16:49:00	CHATHAM VILLA DRIVE	C	1	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
7133909	2/5/2019	16:42:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	N/A	Passenger Car	*None*	South	N/A	Turning Left
7078455	2/8/2019	10:07:00	HIGHWAY 307	O	0	0	Head On		Daylight	Dry	Tractor/Trailer	N/A	North	N/A	N/A	N/A
7133917	2/8/2019	16:05:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
7133920	2/12/2019	8:46:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7133926	2/13/2019	16:38:00	OGLESBY AVE	O	0	0	Angle	Through w/ Right	Daylight	Dry	Sports Utility Vehicle (SUV)	Truck Tractor (Bobtail)	West	South	Entering/Leaving Driveway	Straight
7083640	2/13/2019	22:54:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Pickup Truck	North	South	Straight	Stopped
7133933	2/14/2019	15:41:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	West	North	Turning Left	Straight

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SR 21 from Minus Avenue to Grange Road

7133931	2/14/2019	15:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Van	North	North	Straight	Stopped
7133932	2/14/2019	15:30:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
7092731	2/17/2019	16:45:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
7133942	2/22/2019	15:47:00	SPARKMAN DRIVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	South	East	Making U-turn	Turning Left
7101012	2/26/2019	5:00:00	HIGHWAY 307	O	0	0	Angle	Right Angle	DarkNot Lighted	Dry	Pickup Truck	Tractor/Trailer	West	West	Turning Right	Turning Right
7133949	2/27/2019	12:05:00	HARRELL DRIVE	B	2	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Stopped
7103497	2/27/2019	17:20:00	GRANGE ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
7160906	3/4/2019	16:08:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7160903	3/4/2019	6:20:00	ST JOSEPH AVENUE	O	0	0	Rear End		DarkLighted	Dry	Pickup Truck	Pickup Truck	North	North	Straight	Straight
7160910	3/5/2019	18:12:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	N/A	*North*	*None*	Straight	N/A
7160908	3/5/2019	3:59:00	ST JOSEPH AVENUE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Pickup Truck	South	South	Changing Lanes	Straight
7160914	3/6/2019	17:20:00	RUSSELL AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Straight
7160913	3/6/2019	10:24:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Van	Pickup Truck	South	South	Straight	Straight
7160917	3/8/2019	16:13:00	ST JOSEPH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Pickup Truck	West	North	Entering/Leaving Parking	Straight
7160916	3/8/2019	7:01:00	PRINCE PRESTON DR	O	0	0	Rear End		Daylight	Dry	Single Unit Truck	Passenger Car	South	South	Straight	Stopped
7160922	3/11/2019	17:26:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Van	West	West	Straight	Stopped
7160927	3/14/2019	9:40:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	South	South	Backing	Stopped
7126681	3/15/2019	13:00:00	GRANGE ROAD	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Pickup Truck	North	North	Changing Lanes	Straight
7160932	3/18/2019	15:47:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
7160931	3/18/2019	4:42:00	OAK STREET	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
7133005	3/21/2019	12:15:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	N/A	Van	East	East	Turning Right	Turning Right
7160937	3/22/2019	16:58:00	SMITH AVENUE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	South	North	Turning Left	Straight
7160939	3/23/2019	15:23:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Stopped
7160940	3/25/2019	0:17:00	PRINCE PRESTON DR	O	0	0	Angle	Left Turn w/ Opposing Thru	DarkNot Lighted	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
7160944	3/25/2019	15:52:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Turning Right
7143593	3/25/2019	8:30:00	GRANGE ROAD	B	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
7141891	3/27/2019	17:25:00	GRANGE ROAD	C	0	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7142970	3/28/2019	8:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	West	West	Turning Right	Turning Right
7144459	3/29/2019	8:00:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	East	East	Turning Left	Turning Left
7145462	3/30/2019	2:55:00	HIGHWAY 307	C	1	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Passenger Car	East	West	Turning Left	Straight
7205223	4/1/2019	16:45:00	HARRELL DRIVE	C	2	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Bus	South	South	Changing Lanes	Straight
7205228	4/2/2019	16:26:00	ST JOSEPH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
7205232	4/4/2019	17:17:00	MINUS AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Truck Tractor (Bobtail)	West	West	Turning Right	Negotiating A Curve
7205234	4/4/2019	15:34:00	PRINCE PRESTON DR	C	1	0	Head On		Daylight	Dry	Pickup Truck	N/A	South	West	Straight	Straight
7205237	4/4/2019	18:09:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7158627	4/8/2019	16:05:00	DENMARK STREET	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Backing	Parked
7205242	4/8/2019	17:51:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
7157544	4/9/2019	10:28:00	HIGHWAY 307	O	0	0	Angle	Right Angle	Daylight	Wet	Pickup Truck	Pickup Truck	South	East	Straight	Turning Left
7205245	4/11/2019	9:26:00	MINUS AVE	C	3	0	Head On		Daylight	Dry	Passenger Car	Passenger Car	West	East	Turning Left	Straight
7205248	4/12/2019	18:19:00	PRINCE PRESTON DR	C	1	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Entering/Leaving Parking	Straight
7205246	4/12/2019	6:20:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Opposite Direction		DarkNot Lighted	Wet	Passenger Car	Passenger Car	North	South	Straight	Straight
7205251	4/16/2019	16:57:00	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
7205883	4/17/2019	8:51:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
7205255	4/18/2019	14:45:00	PRISCILLA D THOMAS WAY	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	South	Turning Left	Straight
7205254	4/18/2019	6:31:00	SPARKMAN DRIVE	O	0	0	Angle	Right Angle	DarkLighted	Dry	Van	Passenger Car	East	North	Straight	Straight
7173360	4/22/2019	17:28:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
7205257	4/22/2019	10:09:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Straight
7205260	4/22/2019	18:50:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	South	South	Straight	Straight
7180574	4/23/2019	15:10:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Turning Right
7180944	4/23/2019	15:40:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Van	South	South	Straight	Straight
7205266	4/26/2019	20:42:00	BRAMPTON ROAD	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7205265	4/29/2019	5:20:00	PRINCE PRESTON DR	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	West	South	Turning Left	Straight
7247034	5/2/2019	18:01:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Stopped
7191391	5/3/2019	9:00:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	South	South	Straight	Stopped
7247036	5/3/2019	11:25:00	HARRELL DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Left	Straight
7247038	5/4/2019	10:31:00	DENMARK STREET	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Turning Left	Straight
7204804	5/9/2019	12:34:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Turning Right	Turning Right
7247049	5/10/2019	14:57:00	PRINCE PRESTON DR	C	2	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Other	North	North	Turning Right	Straight
7204800	5/13/2019	20:50:00	HIGHWAY 307	C	0	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Passenger Car	South	West	Turning Left	Straight
7247054	5/14/2019	17:31:00	RUSSELL AVENUE	C	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Left	Straight
7206628	5/14/2019	6:25:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped

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7247057	5/15/2019	17:52:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Stopped
7247055	5/15/2019	12:52:00	SMITH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Tractor/Trailer	Vehicle With Trailer	North	North	Changing Lanes	Straight
7247058	5/16/2019	11:38:00	PRISCILLA D THOMAS WAY	C	2	0	Sideswipe-Same Direction		Daylight	Dry	Other	Passenger Car	South	South	Straight	Straight
7211096	5/17/2019	8:00:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Van	Passenger Car	East	East	Turning Right	Stopped
7247066	5/20/2019	16:55:00	HARRELL DRIVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Turning Right
7247064	5/20/2019	7:17:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
7247077	5/24/2019	14:13:00	BRAMPTON ROAD	C	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7247090	5/29/2019	17:57:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7247092	5/30/2019	16:39:00	ST JOSEPH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
7317664	6/2/2019	11:06:00	VARNEDOE AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
7317672	6/4/2019	12:08:00	SMITH AVENUE	C	2	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	North	Straight	Straight
7237186	6/5/2019	17:00:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Tractor/Trailer	Pickup Truck	West	West	Backing	Stopped
7317678	6/6/2019	16:16:00	OGLESBY AVE	C	2	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Straight	Straight
7248630	6/6/2019	21:28:00	HIGHWAY 307	C	4	0	Rear End		DarkLighted	Wet	Passenger Car	N/A	North	North	Stopped	N/A
7317686	6/8/2019	10:38:00	MINUS AVE	O	0	0	Sideswipe-Opposite Direction		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	West	East	Turning Right	Stopped
7317690	6/10/2019	16:09:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Straight
7245114	6/12/2019	7:34:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	North	North	Turning Right	Turning Right
7317694	6/15/2019	17:24:00	PRINCE PRESTON DR	O	0	0	Head On		Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
7317693	6/15/2019	12:26:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	West	West	Straight	Stopped
7317696	6/16/2019	12:00:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
7252426	6/17/2019	16:24:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7317702	6/18/2019	7:24:00	ST JOSEPH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Passenger Car	Passenger Car	North	South	Turning Left	Straight
7317703	6/18/2019	9:02:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Van	North	North	Straight	Straight
7252286	6/18/2019	8:00:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Wet	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
7254804	6/20/2019	12:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Turning Right
7317723	6/23/2019	14:37:00	ST JOSEPH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	North	South	Turning Left	Straight
7317722	6/23/2019	12:48:00	MINUS AVE	C	1	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7266900	6/24/2019	7:00:00	GRANGE ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Truck Tractor (Bobtail)	East	East	Passing	Turning Right
7317728	6/25/2019	18:36:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	South	South	Turning Left	Straight
7262717	6/26/2019	13:14:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Negotiating A Curve	Stopped
7317730	6/27/2019	18:07:00	BRAMPTON ROAD	C	1	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Stopped
7267275	6/28/2019	18:45:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Straight
7338092	7/1/2019	13:14:00	BAZEMORE AVE	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Pickup Truck	North	North	Straight	Straight
7271367	7/3/2019	15:00:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7338095	7/3/2019	5:28:00	BRAMPTON ROAD	O	0	0	Rear End		Dawn	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
7338096	7/4/2019	11:01:00	HARRELL DRIVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Stopped
7338097	7/5/2019	6:32:00	MINUS AVE	C	1	0	Rear End		Daylight	Dry	Pickup Truck	Single Unit Truck	North	North	Straight	Stopped
7338099	7/7/2019	14:36:00	PRINCE PRESTON DR	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Van	N/A	North	None	Turning Left	N/A
7338105	7/9/2019	17:22:00	PRINCE PRESTON DR	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Turning Left
7338104	7/9/2019	14:31:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7338107	7/11/2019	17:05:00	MINUS AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Turning Left	Straight
7283258	7/12/2019	14:30:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Changing Lanes	Straight
7338117	7/16/2019	17:20:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
7338121	7/18/2019	17:37:00	PRISCILLA D THOMAS WAY	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	West	South	Turning Left	Straight
7294141	7/18/2019	22:40:00	HIGHWAY 307	A	1	0	Not A Collision with Motor Vehicle		DarkLighted	Dry	Passenger Car	N/A	East	South	Straight	N/A
7338125	7/20/2019	9:56:00	BRAMPTON ROAD	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Turning Left
7338127	7/21/2019	13:41:00	PRINCE PRESTON DR	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	West	North	Turning Left	Straight
7338129	7/22/2019	12:35:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7338131	7/22/2019	14:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7338134	7/23/2019	15:45:00	OGLESBY AVE	O	0	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Passenger Car	East	South	Turning Right	Straight
7338141	7/24/2019	13:23:00	HIGHWAY 307	O	0	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Straight
7299952	7/24/2019	6:12:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Van	West	West	Turning Right	Turning Right
7338148	7/25/2019	17:40:00	VARNEDOE AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	East	North	Turning Left	Straight
7298354	7/25/2019	0:00:00	GRANGE ROAD	C	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
7338154	7/29/2019	15:10:00	SMITH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Turning Left	Straight
7338158	7/31/2019	13:53:00	BRAMPTON ROAD	C	1	0	Rear End		Daylight	Dry	Single Unit Truck	Passenger Car	South	South	Straight	Stopped
7338163	8/2/2019	22:22:00	MINUS AVE	O	0	0	Angle	Right Angle	DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	East	South	Entering/Leaving Driveway	Straight
7323988	8/7/2019	12:00:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	N/A	Stopped
7338176	8/8/2019	7:24:00	RUSSELL AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
7316196	8/8/2019	12:14:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	West	West	Turning Right	Turning Right
7338180	8/9/2019	16:45:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped

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SR 21 from Minus Avenue to Grange Road

7338170	8/9/2019	18:06:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Changing Lanes	Straight
7338189	8/13/2019	8:19:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
7338193	8/14/2019	13:20:00	MINUS AVE	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Making U-turn	Straight
7395390	8/21/2019	16:43:00	VARNEDOE AVENUE	B	2	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	North	Straight	Straight
7329538	8/21/2019	9:50:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Pickup Truck	West	West	Straight	Stopped
7329541	8/22/2019	16:40:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Passenger Car	East	East	Turning Right	Turning Left
7330538	8/22/2019	12:51:00	HIGHWAY 307	C	1	0	Sideswipe-Same Direction		Daylight	Dry	Logging Truck	Single Unit Truck	South	South	Straight	Stopped
7395395	8/23/2019	15:48:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	North	North	Straight	Stopped
7337211	8/23/2019	15:33:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Stopped
7395399	8/24/2019	12:45:00	ST JOSEPH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
7335487	8/26/2019	8:45:00	HIGHWAY 307	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Tractor/Trailer	Tractor/Trailer	South	South	Changing Lanes	Straight
7395402	8/27/2019	7:30:00	DENMARK STREET	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	South	Turning Left	Straight
7395405	8/27/2019	12:15:00	DENMARK STREET	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	North	Entering/Leaving Parking	Turning Left
7395411	8/28/2019	15:35:00	ST JOSEPH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	West	North	Entering/Leaving Driveway	Straight
7337251	8/28/2019	6:50:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Bus	Pickup Truck	East	East	Stopped	Stopped
7336803	8/28/2019	15:47:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	East	East	Turning Right	Turning Right
7347313	9/6/2019	6:35:00	HIGHWAY 307	C	0	0	Rear End		Dawn	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
7378896	9/9/2019	20:31:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
7354986	9/10/2019	9:18:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	South	South	Backing	Stopped
7376699	9/10/2019	9:18:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	South	South	Backing	Stopped
7378918	9/17/2019	19:19:00	ROMMEL AVE	C	3	0	Sideswipe-Same Direction		Dusk	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Entering/Leaving Driveway
7378919	9/18/2019	13:54:00	BRAMPTON ROAD	C	3	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
7364068	9/19/2019	16:15:00	HIGHWAY 307	C	1	0	Head On		Daylight	Dry	Passenger Car	Tractor/Trailer	East	West	Straight	Straight
7390336	9/23/2019	18:09:00	VARNEDOE AVENUE	C	1	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Straight
7390338	9/25/2019	8:29:00	PRINCE PRESTON DR	C	2	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
7390345	9/26/2019	17:30:00	PRISCILLA D THOMAS WAY	B	1	0	Rear End		Daylight	Dry	N/A	Pickup Truck	South	South	N/A	Stopped
7390348	9/28/2019	15:17:00	BRAMPTON ROAD	C	2	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Straight
7390353	9/30/2019	16:39:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	West	West	Straight	Stopped
7383061	10/3/2019	2:15:00	HIGHWAY 307	C	0	0	Angle	Through w/ Right	DarkLighted	Dry	Tractor/Trailer	Passenger Car	East	North	Turning Right	Straight
7379534	10/4/2019	6:53:00	GRANGE ROAD	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
7383903	10/7/2019	14:15:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Tractor/Trailer	East	East	Changing Lanes	Straight
7398765	10/11/2019	10:42:00	BRAMPTON ROAD	A	0	0	Head On		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	North	Turning Left	Straight
7395927	10/15/2019	15:56:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Turning Right	Turning Right
7398771	10/16/2019	7:04:00	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Changing Lanes	Straight
7394689	10/17/2019	16:00:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	East	East	Turning Right	Turning Right
7398802	10/17/2019	9:22:00	MINUS AVE	C	1	0	Rear End		Daylight	Dry	Farm or Construction Equip.	Passenger Car	North	North	Straight	Straight
7394914	10/17/2019	18:02:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	West	West	Turning Right	Turning Right
7398986	10/17/2019	12:05:00	HIGHWAY 307	C	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Changing Lanes	Straight
7397847	10/18/2019	17:35:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	East	East	Turning Right	Turning Right
7406526	10/21/2019	15:40:00	HIGHWAY 307	C	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	East	East	Changing Lanes	Straight
7410104	10/23/2019	8:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	Straight	Stopped
7403803	10/24/2019	6:35:00	GRANGE ROAD	O	0	0	Rear End		DarkNot Lighted	Dry	Pickup Truck	Pickup Truck	South	South	Straight	Stopped
7405638	10/25/2019	6:40:00	HIGHWAY 307	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Truck Tractor (Bobtail)	West	West	Turning Left	Turning Left
7441657	10/25/2019	7:02:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	South	Straight	Stopped
7422148	10/25/2019	16:50:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Pickup Truck	West	West	Changing Lanes	Straight
7416341	10/28/2019	7:19:00	PRISCILLA D THOMAS WAY	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	West	North	Straight	Straight
7408364	10/28/2019	12:25:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	East	East	Turning Right	Turning Right
7408911	10/28/2019	12:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Straight	Straight
7428054	10/31/2019	16:08:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Turning Right	Turning Right
7416216	10/31/2019	8:00:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7421681	11/4/2019	17:36:00	GRANGE ROAD	C	0	0	Rear End		Dusk	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7421716	11/5/2019	8:45:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Straight
7447515	11/8/2019	10:20:00	VARNEDOE AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Pickup Truck	Passenger Car	North	North	Changing Lanes	Straight
7435182	11/11/2019	8:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	East	East	Straight	Stopped
7434742	11/13/2019	12:13:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	East	East	Straight	Stopped
7460367	11/13/2019	18:00:00	MINUS AVE	C	0	0	Rear End		Dusk	Dry	Pickup Truck	Passenger Car	North	North	Straight	Straight
7440075	11/14/2019	11:50:00	MINUS AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Single Unit Truck	Van	East	South	Entering/Leaving Driveway	Straight
7437063	11/15/2019	17:07:00	MINUS AVE	O	0	0	Rear End		Dusk	Wet	Passenger Car	Passenger Car	North	North	Straight	Straight
7436408	11/15/2019	14:39:00	HIGHWAY 307	B	0	0	Rear End		Daylight	Wet	Pickup Truck	Pickup Truck	South	South	Straight	Stopped
7440115	11/18/2019	7:02:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	South	Straight	Stopped
7446126	11/20/2019	12:40:00	ROMMEL AVE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight

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SR 21 from Minus Avenue to Grange Road

7601711	11/21/2019	0:00:00	PRISCILLA D THOMAS WAY	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7460760	11/21/2019	0:00:00	PRISCILLA D THOMAS WAY	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7445381	11/21/2019	14:42:00	SMITH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Truck Tractor (Bobtail)	Passenger Car	South	South	Straight	Straight
7447609	11/23/2019	6:15:00	BRAMPTON ROAD	O	0	0	Head On		DarkLighted	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	West	South	Turning Left	Straight
7447546	11/24/2019	8:47:00	SMITH AVENUE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	West	North	Turning Left	Straight
7447827	11/24/2019	21:00:00	PRISCILLA D THOMAS WAY	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
7463063	11/25/2019	15:11:00	MINUS AVE	O	0	0	Head On		Daylight	Dry	Van	Van	North	North	Straight	Stopped
7457174	11/30/2019	0.66667	RUSSELL AVENUE	O	0	0	Sideswipe-Same Direction		N/A	N/A	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Changing Lanes	Straight
7460471	12/1/2019	19:00:00	ST JOSEPH AVENUE	O	0	0	Angle	Right Angle	DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	East	North	Entering/Leaving Driveway	Straight
7457400	12/1/2019	0.70139	DENMARK STREET	O	0	0	Not A Collision with Motor Vehicle		N/A	N/A	Sports Utility Vehicle (SUV)	N/A	South	N/A	Straight	N/A
7465999	12/3/2019	0.72569	SMITH AVENUE	O	0	0	Rear End		N/A	N/A	Passenger Car	Passenger Car	North	North	Straight	Stopped
7463066	12/4/2019	13:23:00	SPARKMAN DRIVE	O	0	0	Angle	Right Angle	Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	East	South	Straight	Straight
7471153	12/5/2019	18:36:00	ST JOSEPH AVENUE	O	0	0	Angle	Right Angle	DarkLighted	Dry	Passenger Car	Pickup Truck	West	North	Turning Left	Straight
7468135	12/5/2019	18:20:00	MINUS AVE	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7468134	12/5/2019	17:25:00	RUSSELL AVENUE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
7472022	12/9/2019	14:40:00	MINUS AVE	O	0	0	Head On		Daylight	Dry	Passenger Car	Passenger Car	East	West	Turning Left	Straight
7475399	12/10/2019	16:55:00	SMITH AVENUE	B	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Passenger Car	West	North	Turning Left	Straight
7472459	12/10/2019	7:30:00	ST JOSEPH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	South	Turning Left	Straight
7475792	12/10/2019	17:59:00	VARNEDOE AVENUE	O	0	0	Angle	Right Angle	DarkLighted	Dry	Passenger Car	Passenger Car	West	North	Entering/Leaving Driveway	Straight
7475477	12/10/2019	18:20:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Straight
7469796	12/10/2019	12:40:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Van	South	South	Straight	Straight
7474562	12/12/2019	10:36:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Changing Lanes	Straight
7484184	12/13/2019	0.77778	SMITH AVENUE	O	0	0	Not A Collision with Motor Vehicle		N/A	N/A	Passenger Car	N/A	North	N/A	Straight	N/A
7477334	12/13/2019	15:45:00	SMITH AVENUE	C	0	0	Rear End		Daylight	Wet	Pickup Truck	Passenger Car	East	East	Turning Right	Turning Right
7477285	12/13/2019	11:19:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Tractor/Trailer	North	North	Changing Lanes	Straight
7481919	12/16/2019	17:50:00	DENMARK STREET	O	0	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Pickup Truck	Passenger Car	South	North	Turning Left	Straight
7482234	12/16/2019	17:35:00	SPARKMAN DRIVE	O	0	0	Angle	Right Angle	DarkLighted	Dry	N/A	Passenger Car	None	North	N/A	Straight
7482241	12/16/2019	7:40:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
7482624	12/17/2019	7:50:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
7483580	12/18/2019	9:30:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Turning Left	Turning Left
7491916	12/20/2019	18:23:00	HIGHWAY 307	O	0	0	Rear End	Rear End	DarkLighted	Dry	Passenger Car	Passenger Car	West	West	Turning Right	Turning Right
7493842	12/24/2019	12:00:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	West	West	Straight	Stopped
7493379	12/26/2019	8:20:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
7500295	12/28/2019	12:28:00	MINUS AVE	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Passenger Car	Passenger Car	East	East	Changing Lanes	Stopped
7501868	12/31/2019	11:30:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	N/A	Passenger Car	North	North	N/A	Stopped
7501869	12/31/2019	15:00:00	DENMARK STREET	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Turning Right
7505883	1/2/2020	16:25:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
7504175	1/3/2020	12:06:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Van	Passenger Car	South	South	Turning Left	Straight
7504187	1/3/2020	0.46528	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		N/A	N/A	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
7512355	1/7/2020	6:55:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
7612170	1/9/2020	9:50:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	N/A	Tractor/Trailer	North	North	N/A	Stopped
7512366	1/10/2020	7:40:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Turning Left	Turning Left
7514953	1/13/2020	8:35:00	DENMARK STREET	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
7515718	1/14/2020	9:25:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Tractor/Trailer	West	West	Straight	Stopped
7515662	1/14/2020	7:57:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	None	None	Straight	Straight
7523357	1/16/2020	11:50:00	SMITH AVENUE	O	1	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
7521461	1/18/2020	22:38:00	MINUS AVE	A	1	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Passenger Car	Pickup Truck	West	North	Turning Left	Straight
7522033	1/20/2020	14:15:00	SMITH AVENUE	O	0	0	Head On		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Straight
7523252	1/20/2020	12:00:00	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Changing Lanes	Stopped
7552543	1/21/2020	9:54:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	East	East	Turning Left	Turning Left
7526000	1/22/2020	19:00:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	East	East	Turning Right	Turning Right
7547588	1/22/2020	17:50:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7624339	1/22/2020	17:18:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Turning Right	Turning Right
7527192	1/24/2020	18:10:00	MINUS AVE	O	0	0	Rear End		DarkLighted	Wet	Passenger Car	Passenger Car	North	North	Straight	Straight
7527904	1/25/2020	14:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	South	South	Straight	Straight
7547589	1/29/2020	17:33:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	North	North	Straight	Stopped
7536989	1/30/2020	13:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	West	West	Straight	Stopped
7542165	1/31/2020	19:38:00	SMITH AVENUE	C	2	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Wet	Sports Utility Vehicle (SUV)	Passenger Car	South	North	Turning Left	Straight
7538881	2/3/2020	19:50:00	BRAMPTON ROAD	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
7546287	2/4/2020	12:20:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
7547591	2/7/2020	13:20:00	MINUS AVE	A	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	West	North	Entering/Leaving Driveway	Straight

5-Year Crash Data (2016 - 2020)

SR 21 from Minus Avenue to Grange Road

7551791	2/10/2020	15:50:00	SMITH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Pickup Truck	South	North	Turning Left	Straight
7546214	2/11/2020	8:05:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
7560551	2/13/2020	0	HARRELL DRIVE	O	0	0	Angle	Left Turn w/ Opposing Thru	N/A	N/A	Passenger Car	Passenger Car	North	South	Turning Left	Straight
7551795	2/14/2020	9:56:00	LEON VILLAGE ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Changing Lanes	Straight
7559723	2/18/2020	16:29:00	HIGHWAY 307	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	West	Changing Lanes	Straight
7562687	2/20/2020	18:20:00	HIGHWAY 307	O	0	0	Rear End		DarkLighted	Wet	Pickup Truck	Pickup Truck	South	South	Turning Right	Turning Right
7562394	2/20/2020	6:45:00	ST JOSEPH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Left	Entering/Leaving Parking
7559954	2/21/2020	17:10:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7559090	2/21/2020	7:50:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Van	Pickup Truck	North	North	Entering/Leaving Parking	Straight
7565736	2/24/2020	16:33:00	SMITH AVENUE	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7570455	2/24/2020	8:15:00	GRANGE ROAD	C	0	0	Rear End		Daylight	Dry	Pickup Truck	Van	West	West	Straight	Stopped
7565778	2/24/2020	13:25:00	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Single Unit Truck	Passenger Car	South	South	Changing Lanes	Straight
7567364	2/25/2020	14:47:00	BRAMPTON ROAD	C	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Changing Lanes	Straight
7569603	2/27/2020	14:10:00	RUSSELL AVENUE	B	1	0	Head On		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	South	Changing Lanes	Turning Left
7576603	2/28/2020	6:00:00	HIGHWAY 307	O	0	0	Angle	Right Angle	Dusk	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	West	Straight	Straight
7568269	3/2/2020	6:35:00	HIGHWAY 307	B	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Bus	Van	West	South	Turning Left	Straight
7574248	3/2/2020	5:55:00	HIGHWAY 307	C	0	0	Rear End		DarkLighted	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7569608	3/2/2020	16:40:00	ROMMEL AVE	O	0	0	Rear End		Daylight	Dry	Van	Passenger Car	North	North	Straight	Stopped
7574249	3/5/2020	19:24:00	PRINCE PRESTON DR	B	0	0	Not A Collision with Motor Vehicle		DarkLighted	Wet	N/A	Passenger Car	West	South	N/A	Turning Left
7573386	3/5/2020	9:40:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Tractor/Trailer	West	West	Changing Lanes	Changing Lanes
7592540	3/6/2020	15:11:00	DENMARK STREET	B	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	North	South	Turning Left	Straight
7576874	3/6/2020	10:48:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Tractor/Trailer	Passenger Car	West	South	Turning Right	Straight
7593366	3/9/2020	18:32:00	ROMMEL AVE	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	North	Turning Left	Straight
7580019	3/9/2020	16:38:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7579998	3/9/2020	17:25:00	VARNEDOE AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Changing Lanes	Straight
7593378	3/10/2020	14:45:00	ST JOSEPH AVENUE	C	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
7593377	3/10/2020	7:38:00	BRAMPTON ROAD	O	0	0	Angle	Right Angle	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	North	Straight	Turning Left
7592367	3/10/2020	7:50:00	BAZEMORE AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Straight
7614299	3/12/2020	16:55:00	MINUS AVE	C	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	North	South	Turning Left	Straight
7582858	3/12/2020	7:25:00	ROMMEL AVE	C	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Van	Sports Utility Vehicle (SUV)	North	South	Turning Left	Straight
7582399	3/12/2020	6:40:00	PRINCE PRESTON DR	O	0	0	Angle	Left Turn w/ Opposing Thru	Dusk	Dry	Passenger Car	Passenger Car	East	South	Turning Left	Straight
7598893	3/12/2020	15:00:00	SPARKMAN DRIVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	Straight	Stopped
7599658	3/20/2020	7:16:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Changing Lanes	Changing Lanes
7602926	3/24/2020	15:23:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
7605817	3/26/2020	22:47:00	SMITH AVENUE	A	2	0	Not A Collision with Motor Vehicle		DarkLighted	Dry	Sports Utility Vehicle (SUV)	N/A	South	N/A	Straight	N/A
7605846	3/28/2020	12:15:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7605827	3/28/2020	11:23:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Changing Lanes	Straight
7616105	4/8/2020	12:35:00	SPARKMAN DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	N/A	Passenger Car	None	South	N/A	Straight
7613297	4/11/2020	18:20:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	West	West	Straight	Stopped
7616472	4/15/2020	12:40:00	MINUS AVE	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Wet	Passenger Car	Passenger Car	South	South	Turning Right	Straight
7616882	4/15/2020	16:17:00	OGLESBY AVE	B	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Pedacycle, Bicycle	Passenger Car	East	North	Straight	Turning Right
7620042	4/20/2020	0.83333	BRAMPTON ROAD	O	0	0	Rear End	Rear End	N/A	N/A	Passenger Car	Passenger Car	North	North	Straight	Turning Left
7620774	4/22/2020	6:50:00	MINUS AVE	C	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	East	South	Straight	Straight
7621961	4/24/2020	11:25:00	RUSSELL AVENUE	O	0	0	Head On		Daylight	Dry	Tractor/Trailer	Pickup Truck	South	None	Straight	Stopped
7625322	4/24/2020	7:15:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Tractor/Trailer	Tractor/Trailer	North	North	Straight	Straight
7622326	4/24/2020	9:25:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	South	South	Straight	Straight
7624598	4/27/2020	17:12:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Van	Passenger Car	South	South	Straight	Stopped
7624604	4/28/2020	6:19:00	HIGHWAY 307	C	0	0	Rear End		DarkLighted	Dry	Pickup Truck	Passenger Car	South	South	Straight	Stopped
7628197	4/28/2020	14:16:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
7625833	4/29/2020	15:50:00	BRAMPTON ROAD	C	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Right	Straight
7633192	4/29/2020	10:00:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Truck Tractor (Bobtail)	Tractor/Trailer	North	North	Straight	Straight
7630460	5/5/2020	9:00:00	DENMARK STREET	C	1	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Changing Lanes
7633763	5/8/2020	16:06:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Turning Right	Turning Right
7633774	5/8/2020	7:28:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Tractor/Trailer	South	South	Straight	Stopped
7633752	5/9/2020	15:50:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	North	North	Backing	Straight
7639302	5/12/2020	14:44:00	HIGHWAY 307	O	0	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Straight
7635838	5/12/2020	10:37:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
7647739	5/20/2020	11:05:00	BRAMPTON ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Passenger Car	Pickup Truck	East	North	Turning Left	Straight
7649077	5/28/2020	7:56:00	CHATHAM VILLA DRIVE	O	0	0	Angle	Righ Angle	Daylight	Dry	Tractor/Trailer	Other	South	East	Straight	Straight
7649068	5/28/2020	8:15:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	West	West	Straight	Turning Right
7651041	5/30/2020	13:00:00	BRAMPTON ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	East	North	Turning Left	Straight

5-Year Crash Data (2016 - 2020)

SR 21 from Minus Avenue to Grange Road

7651286	5/31/2020	23:00:00	BRAMPTON ROAD	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
7655919	6/1/2020	16:00:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Passenger Car	Van	North	North	Straight	Stopped
7655441	6/3/2020	21:35:00	SMITH AVENUE	O	0	0	Rear End		DarkLighted	Dry	Van	Passenger Car	North	North	Straight	Stopped
7654234	6/3/2020	5:00:00	ROMMEL AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Straight
7655612	6/4/2020	20:35:00	OGLESBY AVE	C	0	0	Angle	Left Turn w/ Opposing Thru	DarkLighted	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	West	South	Turning Left	Straight
7655207	6/4/2020	7:55:00	VARNEDOE AVENUE	C	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Straight
7657525	6/6/2020	14:45:00	PRINCE PRESTON DR	B	1	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
7664118	6/9/2020	16:34:00	SMITH AVENUE	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Pickup Truck	North	North	Straight	Straight
7661826	6/10/2020	16:45:00	MINUS AVE	C	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7665389	6/10/2020	12:25:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Straight	Straight
7664292	6/10/2020	12:45:00	BRAMPTON ROAD	C	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Changing Lanes	Straight
7661825	6/10/2020	10:26:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Tractor/Trailer	Single Unit Truck	South	South	Changing Lanes	Straight
7665605	6/11/2020	15:28:00	OGLESBY AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Pickup Truck	North	North	Turning Right	Straight
7664618	6/13/2020	21:54:00	MINUS AVE	O	0	0	Rear End		DarkNot Lighted	Dry	N/A	Passenger Car	North	North	Straight	Stopped
7667889	6/17/2020	14:30:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Left	Straight
7671184	6/20/2020	8:58:00	HIGHWAY 307	A	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Pickup Truck	South	North	Straight	Turning Left
7677063	6/23/2020	7:50:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7675972	6/24/2020	12:44:00	GRANGE ROAD	C	3	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	East	North	Turning Left	Straight
7679870	6/29/2020	14:53:00	HIGHWAY 307	O	0	0	Angle	Right Angle	Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	East	Straight	Turning Left
7686490	6/29/2020	17:13:00	HIGHWAY 307	C	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Changing Lanes	Straight
7682225	6/29/2020	11:20:00	GRANGE ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Tractor/Trailer	Vehicle With Trailer	North	North	Turning Right	Straight
7681129	6/29/2020	13:35:00	OGLESBY AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Straight	Straight
7682493	6/30/2020	19:04:00	RUSSELL AVENUE	C	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Van	East	West	Turning Left	Stopped
7695613	7/4/2020	19:20:00	HIGHWAY 307	C	3	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7688486	7/6/2020	16:28:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	South	South	Straight	Stopped
7692539	7/10/2020	12:37:00	GRANGE ROAD	B	0	0	Not A Collision with Motor Vehicle		Daylight	Dry	Passenger Car	Motorcycle	North	North	Changing Lanes	Straight
7698441	7/15/2020	8:22:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	East	East	Turning Left	Stopped
7698188	7/16/2020	7:00:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
7700559	7/18/2020	18:15:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Other	North	North	Straight	Stopped
7703975	7/20/2020	10:55:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	South	North	Backing	Straight
7704009	7/21/2020	11:30:00	BIG HILL RD	C	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	East	North	Turning Left	Turning Left
7808409	7/21/2020	18:07:00	SMITH AVENUE	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
7707033	7/21/2020	10:07:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Straight	Stopped
7705528	7/22/2020	12:05:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	North	North	Changing Lanes	Turning Left
7708467	7/24/2020	16:20:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Turning Right	Turning Right
7736039	7/24/2020	15:40:00	PRISCILLA D THOMAS WAY	C	1	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	South	South	Straight	Straight
7708458	7/24/2020	8:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Tractor/Trailer	South	South	Straight	Straight
7710666	7/28/2020	12:30:00	HIGHWAY 307	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	North	West	Straight	Turning Left
7710738	7/28/2020	13:20:00	SMITH AVENUE	O	0	0	Head On		Daylight	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
7712584	7/29/2020	17:30:00	SMITH AVENUE	C	0	0	Rear End		Daylight	Wet	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7712469	7/29/2020	14:16:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	N/A	Passenger Car	None	North	N/A	Straight
7711995	7/29/2020	14:34:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Tractor/Trailer	South	South	Turning Right	Straight
7712485	7/30/2020	7:15:00	OGLESBY AVE	O	0	0	Sideswipe - Opposite Direction	Sideswipe - Opposite Direction	Daylight	Wet	Passenger Car	Truck Tractor (Bobtail)	North	South	Turning Left	Straight
7714473	7/30/2020	8:41:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Wet	Van	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
7716175	8/3/2020	17:00:00	GRANGE ROAD	C	3	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7720295	8/3/2020	12:42:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	West	West	Straight	Straight
7732057	8/4/2020	11:48:00	RUSSELL AVENUE	C	2	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Pickup Truck	Pickup Truck	East	North	Turning Left	Straight
7735427	8/5/2020	23:25:00	HIGHWAY 307	C	0	0	Angle	Through w/ Right	DarkLighted	Dry	Sports Utility Vehicle (SUV)	Passenger Car	South	South	Turning Right	Turning Left
7734639	8/10/2020	15:40:00	BRAMPTON ROAD	C	1	0	Not A Collision with Motor Vehicle		Daylight	Dry	Passenger Car	N/A	South	N/A	Backing	N/A
7734911	8/10/2020	0	DENMARK STREET	O	0	0	Sideswipe-Same Direction		N/A	N/A	Passenger Car	Passenger Car	North	North	Turning Right	Turning Right
7734640	8/11/2020	13:53:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7735828	8/12/2020	15:15:00	HIGHWAY 307	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Tractor/Trailer	Passenger Car	South	South	Changing Lanes	Straight
7742820	8/13/2020	13:11:00	MINUS AVE	B	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	West	North	Turning Left	Changing Lanes
7746466	8/20/2020	15:35:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	Turning Right	Turning Right
7750935	8/24/2020	16:55:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Stopped
7751324	8/24/2020	8:53:00	MINUS AVE	C	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Van	South	South	Straight	Stopped
7752859	8/26/2020	8:20:00	GRANGE ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Tractor/Trailer	Pickup Truck	West	South	Turning Right	Turning Left
7753016	8/26/2020	14:04:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Single Unit Truck	Passenger Car	West	West	Turning Right	Turning Right
7758028	8/27/2020	10:24:00	HIGHWAY 307	C	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Straight	Turning Left
7765747	8/27/2020	14:37:00	HIGHWAY 307	A	1	0	Angle	Through w/ Right	Daylight	Dry	Passenger Car	Tractor/Trailer	West	West	Turning Right	Stopped
7766494	8/28/2020	13:30:00	PRINCE PRESTON DR	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight

5-Year Crash Data (2016 - 2020)

SR 21 from Minus Avenue to Grange Road

7759485	8/31/2020	22:29:00	HIGHWAY 307	O	0	0	Rear End		Dusk	Dry	Passenger Car	Pickup Truck	North	North	Straight	Straight
7761120	9/2/2020	19:25:00	HIGHWAY 307	C	0	0	Head On		DarkLighted	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Straight	Stopped
7764598	9/2/2020	22:35:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		DarkLighted	Dry	Pickup Truck	Passenger Car	North	North	Straight	Stopped
7764493	9/5/2020	15:48:00	DENMARK STREET	C	0	0	Angle	Right Angle	Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	East	West	Turning Left	Turning Left
7582679	**9/9/2020**	**#####**	**GRANGE ROAD**	O	**0**	**1**	Rear End		**Daylight**	**Dry**	Pickup Truck	Tractor/Trailer	West	West	Straight	Straight
7769274	9/10/2020	16:00:00	BRAMPTON ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Van	Sports Utility Vehicle (SUV)	North	South	Turning Left	Straight
7769283	9/10/2020	17:13:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	East	East	Turning Right	Turning Right
7772093	9/11/2020	15:25:00	HIGHWAY 307	C	1	0	Rear End		Daylight	Dry	Tractor/Trailer	Passenger Car	North	North	Straight	Stopped
7772082	9/11/2020	17:00:00	PRISCILLA D THOMAS WAY	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Pickup Truck	North	North	Backing	Stopped
7792458	9/16/2020	17:25:00	HIGHWAY 307	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Pickup Truck	Passenger Car	North	South	Passing	Turning Left
7775595	9/16/2020	7:00:00	CHATHAM VILLA DRIVE	O	0	0	Rear End		DarkLighted	Wet	Passenger Car	Passenger Car	South	South	Straight	Stopped
7782949	9/17/2020	12:30:00	HIGHWAY 307	C	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Straight	Turning Left
7783093	9/17/2020	22:59:00	GRANGE ROAD	O	0	0	Sideswipe-Same Direction		DarkNot Lighted	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7789862	9/18/2020	15:49:00	BAZEMORE AVE	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Passenger Car	Passenger Car	West	North	Turning Left	Straight
7785637	9/20/2020	20:22:00	ST JOSEPH AVENUE	O	0	0	Angle	Left Turn w/ Opposing Thru	DarkNot Lighted	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	East	North	Turning Left	Straight
7783924	9/23/2020	13:15:00	PRINCE PRESTON DR	O	0	0	Angle	Right Angle	Daylight	Dry	Pickup Truck	Passenger Car	South	North	Turning Left	Turning Left
7907198	9/29/2020	16:12:00	SMITH AVENUE	C	0	0	Sideswipe - Same Direction	Rear End; Sideswipe - Same Direction	Daylight	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	North	North	Changing Lanes	Straight
7792436	9/30/2020	12:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	North	North	Straight	Stopped
7796975	10/2/2020	17:50:00	ROMMEL AVE	O	0	0	Angle	Right Angle	Daylight	Dry	Passenger Car	Passenger Car	West	North	Turning Left	Straight
7797062	10/4/2020	13:35:00	BRAMPTON ROAD	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Straight	Straight
7801791	10/7/2020	9:15:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Other	North	North	Straight	Stopped
7810071	10/7/2020	20:15:00	BAZEMORE AVE	B	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Changing Lanes	Straight
7805968	10/9/2020	6:42:00	GRANGE ROAD	C	1	0	Angle	Left Turn w/ Opposing Thru	DarkNot Lighted	Dry	Passenger Car	Passenger Car	South	North	Turning Left	Straight
7817599	10/14/2020	7:46:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Tractor/Trailer	Pickup Truck	South	South	Straight	Straight
7813608	10/17/2020	17:26:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	West	West	Straight	Straight
7825969	10/23/2020	9:40:00	ST JOSEPH AVENUE	C	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Van	Passenger Car	West	North	Turning Left	Straight
7822680	10/23/2020	15:15:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	North	East	Straight	Turning Left
7825263	10/26/2020	16:15:00	SMITH AVENUE	O	0	0	Not A Collision with Motor Vehicle	NMV - Parked Car	Daylight	Dry	Van	Pickup Truck	South	South	Stopped	Straight
7827338	10/28/2020	6:54:00	BRAMPTON ROAD	O	0	0	Sideswipe-Same Direction		Dusk	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
7828790	10/29/2020	6:44:00	MINUS AVE	C	0	0	Angle	Left Turn w/ Opposing Thru	Dawn	Dry	Passenger Car	Passenger Car	North	South	Turning Left	Straight
7831588	10/31/2020	11:27:00	MINUS AVE	C	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Turning Right
7835749	11/2/2020	7:00:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle	NMV - Parked Car; NMV - Lost	Daylight	Dry	Pickup Truck	Pickup Truck	West	North	Other	Stopped
7835348	11/2/2020	16:40:00	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		Dawn	Dry	Van	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7837389	11/4/2020	20:55:00	MINUS AVE	B	1	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
7841400	11/5/2020	20:44:00	HIGHWAY 307	O	0	0	Head On		DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	East	West	Turning Right	Changing Lanes
7843523	11/5/2020	8:00:00	GRANGE ROAD	O	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	North	North	Straight	Straight
7843633	11/5/2020	15:13:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
7845060	11/9/2020	20:00:00	HIGHWAY 307	O	0	0	Not A Collision with Motor Vehicle		DarkNot Lighted	Dry	N/A	Passenger Car	None	South	N/A	Turning Right
7845765	11/10/2020	0.65625	SPARKMAN DRIVE	O	0	0	Angle	Left Turn w/ Opposing Thru	N/A	N/A	N/A	Van	None	North	N/A	Straight
7850299	11/10/2020	7:22:00	VARNEDOE AVENUE	C	0	0	Rear End		Daylight	Wet	Passenger Car	Passenger Car	North	North	Straight	Straight
7851181	11/11/2020	16:30:00	HIGHWAY 307	O	0	0	Sideswipe - Same Direction	Sideswipe - Same Direction	Daylight	Dry	Pickup Truck	Passenger Car	North	North	Turning Left	Turning Left
7853083	11/12/2020	17:28:00	SMITH AVENUE	O	0	0	Head On		DarkLighted	Dry	Passenger Car	Sports Utility Vehicle (SUV)	West	North	Turning Left	Straight
7850946	11/14/2020	11:15:00	HIGHWAY 307	O	0	0	Angle	Right Angle	Daylight	Dry	N/A	Pickup Truck	None	South	N/A	Turning Left
7857335	11/16/2020	16:20:00	CHATHAM VILLA DRIVE	B	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Motorcycle	Passenger Car	South	North	Straight	Turning Left
7853111	11/16/2020	16:50:00	PRISCILLA D THOMAS WAY	C	1	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Passenger Car	West	South	Turning Left	Straight
7853120	11/16/2020	15:26:00	SMITH AVENUE	A	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Straight
7854156	11/17/2020	9:45:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Truck Tractor (Bobtail)	Single Unit Truck	East	East	Straight	Stopped
7854497	11/17/2020	20:07:00	BRAMPTON ROAD	O	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Stopped
7856776	11/19/2020	7:37:00	GRANGE ROAD	C	0	0	Rear End		Daylight	Dry	Sports Utility Vehicle (SUV)	Sports Utility Vehicle (SUV)	South	South	Straight	Stopped
7859717	11/20/2020	14:40:00	GRANGE ROAD	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Dry	Sports Utility Vehicle (SUV)	Pickup Truck	South	North	Turning Left	Other
7858171	11/20/2020	0.64583	HIGHWAY 307	O	0	0	Sideswipe-Opposite Direction		Daylight	Dry	Tractor/Trailer	Pickup Truck	North	North	Changing Lanes	Straight
7863784	11/24/2020	23:20:00	HIGHWAY 307	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Passenger Car	North	North	Straight	Straight
7865397	11/25/2020	21:10:00	HIGHWAY 307	O	0	0	Rear End		DarkNot Lighted	Dry	Passenger Car	Pickup Truck	North	North	Straight	Stopped
7866082	11/27/2020	15:30:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	South	South	Turning Right	Turning Right
7869726	11/27/2020	6:23:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Tractor/Trailer	South	South	Changing Lanes	Straight
7867050	11/28/2020	15:35:00	HIGHWAY 307	O	0	0	Angle	Left Turn w/ Opposing Thru	Daylight	Wet	Pickup Truck	Passenger Car	North	South	Straight	Turning Left
7874575	11/29/2020	19:08:00	GRANGE ROAD	O	0	0	Sideswipe-Same Direction		DarkNot Lighted	Wet	Sports Utility Vehicle (SUV)	Passenger Car	North	North	Straight	Straight
7874614	11/30/2020	7:13:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Wet	Sports Utility Vehicle (SUV)	Pickup Truck	South	South	Straight	Straight
7874617	11/30/2020	6:18:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Wet	Passenger Car	Pickup Truck	South	South	Changing Lanes	Straight
7876669	12/1/2020	17:50:00	HIGHWAY 307	O	0	0	Rear End		DarkNot Lighted	Dry	N/A	Passenger Car	North	North	N/A	Straight
7877777	12/2/2020	14:46:00	RUSSELL AVENUE	A	1	0	Not A Collision with Motor Vehicle		Daylight	Dry	Pickup Truck	N/A	North	East	Straight	N/A

5-Year Crash Data (2016 - 2020)

SR 21 from Minus Avenue to Grange Road

7884358	12/3/2020	12:20:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	East	West	Turning Right	Turning Left
7875951	12/4/2020	17:00:00	HIGHWAY 307	C	0	0	Rear End		DarkLighted	Dry	Sports Utility Vehicle (SUV)	Passenger Car	West	West	Turning Right	Turning Right
7879475	12/7/2020	17:51:00	SMITH AVENUE	O	0	0	Rear End		DarkLighted	Dry	Pickup Truck	Sports Utility Vehicle (SUV)	North	North	Straight	Straight
7882851	12/10/2020	17:45:00	MINUS AVE	O	0	0	Angle	Right Angle	DarkNot Lighted	Dry	Passenger Car	Tractor/Trailer	East	South	Entering/Leaving Driveway	Straight
7884680	12/11/2020	10:10:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Dry	Pickup Truck	Passenger Car	North	North	Backing	Stopped
7884700	12/11/2020	14:00:00	MINUS AVE	O	0	0	Rear End		Daylight	Dry	Passenger Car	Passenger Car	South	South	Straight	Stopped
7559084	12/12/2020	7:00:00	CHATHAM VILLA DRIVE	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Sports Utility Vehicle (SUV)	South	South	Changing Lanes	Straight
7888981	12/14/2020	17:55:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		DarkLighted	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Changing Lanes
7894476	12/15/2020	6:55:00	GRANGE ROAD	B	1	0	Angle	Left Turn w/ Opposing Thru	Dawn	Dry	Passenger Car	Pickup Truck	East	North	Turning Left	Straight
7902002	12/16/2020	14:20:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Pickup Truck	Passenger Car	North	North	Straight	Straight
7891326	12/16/2020	0.625	MINUS AVE	O	0	0	Sideswipe-Same Direction		N/A	N/A	N/A	Passenger Car	None	South	N/A	Straight
7891327	12/17/2020	14:35:00	BRAMPTON ROAD	O	0	0	Angle	Right Angle	Daylight	Dry	N/A	Passenger Car	None	North	N/A	Turning Left
7896308	12/21/2020	9:20:00	HIGHWAY 307	O	0	0	Rear End		Daylight	Wet	Tractor/Trailer	Tractor/Trailer	North	North	Straight	Stopped
7897593	12/21/2020	7:22:00	GRANGE ROAD	O	0	0	Rear End		Dawn	Wet	Passenger Car	Passenger Car	South	South	Straight	Straight
7899904	12/21/2020	5:57:00	MINUS AVE	O	0	0	Sideswipe-Same Direction		DarkLighted	Wet	Passenger Car	Passenger Car	North	North	Straight	Stopped
7904978	12/22/2020	8:06:00	HIGHWAY 307	C	0	0	Rear End		Daylight	Dry	Passenger Car	Pickup Truck	North	North	Straight	Straight
7901138	12/25/2020	21:10:00	SMITH AVENUE	B	0	0	Not A Collision with Motor Vehicle		DarkNot Lighted	Dry	Passenger Car	N/A	South	N/A	Straight	N/A
7901946	12/27/2020	6:00:00	RUSSELL AVENUE	A	0	0	Rear End		DarkLighted	Dry	Passenger Car	Passenger Car	South	South	Stopped	Straight
7911021	12/27/2020	7:10:00	PRISCILLA D THOMAS WAY	O	0	0	Sideswipe-Same Direction		Daylight	Dry	Passenger Car	Passenger Car	South	South	Changing Lanes	Changing Lanes
7907184	12/28/2020	18:10:00	BRAMPTON ROAD	B	1	0	Angle	Left Turn w/ Opposing Thru	Dawn	Dry	Pickup Truck	Passenger Car	South	North	Turning Left	Straight
7907178	12/28/2020	18:20:00	ROMMEL AVE	O	0	0	Sideswipe-Same Direction		DarkNot Lighted	Dry	Truck Tractor (Bobtail)	Passenger Car	South	South	Changing Lanes	Straight

SR 21 ACCESS MANAGEMENT STUDY

APPENDIX C

TRAFFIC ANALYSIS OUTPUTS

Intersection	
Int Delay, s/veh	4.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations		↱		↑↑	↑↑	
Traffic Vol, veh/h	1	250	0	217	111	0
Future Vol, veh/h	1	250	0	217	111	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Yield	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	98	98	98	98	98	98
Heavy Vehicles, %	0	11	0	38	35	0
Mvmt Flow	1	255	0	221	113	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	224	57	-	0	-	0
Stage 1	113	-	-	-	-	-
Stage 2	111	-	-	-	-	-
Critical Hdwy	6.8	7.12	-	-	-	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.41	-	-	-	-
Pot Cap-1 Maneuver	750	969	0	-	-	0
Stage 1	905	-	0	-	-	0
Stage 2	907	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	750	969	-	-	-	-
Mov Cap-2 Maneuver	750	-	-	-	-	-
Stage 1	905	-	-	-	-	-
Stage 2	907	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	969	-
HCM Lane V/C Ratio	-	0.263	-
HCM Control Delay (s)	-	10	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	1.1	-

Intersection	
Int Delay, s/veh	5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations						↱		↰↑			↑↱	
Traffic Vol, veh/h	0	0	0	0	0	338	87	94	0	0	385	6
Future Vol, veh/h	0	0	0	0	0	338	87	94	0	0	385	6
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	Yield	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	-	-	-	-	-	-
Veh in Median Storage, #	-	-	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	0	0	0	0	0	18	28	53	0	0	24	16
Mvmt Flow	0	0	0	0	0	360	93	100	0	0	410	6

Major/Minor	Minor1			Major1			Major2			
Conflicting Flow All			-	-	50	416	0	-	-	-	0
Stage 1			-	-	-	-	-	-	-	-	-
Stage 2			-	-	-	-	-	-	-	-	-
Critical Hdwy			-	-	7.26	4.66	-	-	-	-	-
Critical Hdwy Stg 1			-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2			-	-	-	-	-	-	-	-	-
Follow-up Hdwy			-	-	3.48	2.48	-	-	-	-	-
Pot Cap-1 Maneuver			0	0	958	974	-	0	0	-	-
Stage 1			0	0	-	-	-	0	0	-	-
Stage 2			0	0	-	-	-	0	0	-	-
Platoon blocked, %							-			-	-
Mov Cap-1 Maneuver			-	0	958	974	-	-	-	-	-
Mov Cap-2 Maneuver			-	0	-	-	-	-	-	-	-
Stage 1			-	0	-	-	-	-	-	-	-
Stage 2			-	0	-	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11	4.5	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	WBLn1	SBT	SBR
Capacity (veh/h)	974	-	958	-	-
HCM Lane V/C Ratio	0.095	-	0.375	-	-
HCM Control Delay (s)	9.1	0.2	11	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0.3	-	1.8	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations		↱		↑↑↑	↑↑↑↳	
Traffic Vol, veh/h	0	18	0	1265	1929	20
Future Vol, veh/h	0	18	0	1265	1929	20
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	5	0	7	6	5
Mvmt Flow	0	19	0	1346	2052	21

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	1037	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.2	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.95	-	-	-	-
Pot Cap-1 Maneuver	0	192	0	-	-	-
Stage 1	0	-	0	-	-	-
Stage 2	0	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	192	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	25.8	0	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	-	192	-	-
HCM Lane V/C Ratio	-	0.1	-	-
HCM Control Delay (s)	-	25.8	-	-
HCM Lane LOS	-	D	-	-
HCM 95th %tile Q(veh)	-	0.3	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	60	14	33	27	12	28	31	1190	35	27	1864	45
Future Volume (vph)	60	14	33	27	12	28	31	1190	35	27	1864	45
Satd. Flow (prot)	0	1669	0	0	1479	0	1612	4831	0	1626	4921	0
Flt Permitted		0.774			0.790		0.950			0.950		
Satd. Flow (perm)	0	1327	0	0	1192	0	1612	4831	0	1626	4921	0
Satd. Flow (RTOR)		11			18			5			4	
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	1%	7%	15%	18%	16%	21%	12%	7%	5%	11%	5%	4%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	113	0	0	70	0	33	1290	0	28	2009	0
Turn Type	Perm	NA		Perm	NA		Prot	NA		Prot	NA	
Protected Phases		8			4		5	2		1	6	
Permitted Phases	8			4								
Detector Phase	8	8		4	4		5	2		1	6	
Switch Phase												
Minimum Initial (s)	8.0	8.0		8.0	8.0		5.0	18.0		5.0	18.0	
Minimum Split (s)	35.0	35.0		35.0	35.0		15.0	45.0		15.0	45.0	
Total Split (s)	43.0	43.0		43.0	43.0		20.0	119.0		18.0	117.0	
Total Split (%)	23.9%	23.9%		23.9%	23.9%		11.1%	66.1%		10.0%	65.0%	
Yellow Time (s)	4.4	4.4		4.4	4.4		3.8	4.3		4.1	4.3	
All-Red Time (s)	3.0	3.0		3.0	3.0		3.0	1.5		3.0	1.5	
Lost Time Adjust (s)		0.0			0.0		0.0	0.0		0.0	0.0	
Total Lost Time (s)		7.4			7.4		6.8	5.8		7.1	5.8	
Lead/Lag							Lead	Lag		Lead	Lag	
Lead-Lag Optimize?							Yes	Yes		Yes	Yes	
Recall Mode	None	None		None	None		None	C-Min		None	C-Min	
Act Effct Green (s)		16.3			16.3		6.8	139.4		6.4	139.2	
Actuated g/C Ratio		0.09			0.09		0.04	0.77		0.04	0.77	
v/c Ratio		0.87			0.56		0.55	0.34		0.49	0.53	
Control Delay		121.3			73.7		115.8	7.4		111.7	9.6	
Queue Delay		0.0			0.0		0.0	0.0		0.0	0.0	
Total Delay		121.3			73.7		115.8	7.4		111.7	9.6	
LOS		F			E		F	A		F	A	
Approach Delay		121.3			73.7			10.1			11.0	
Approach LOS		F			E			B			B	
Queue Length 50th (ft)		122			60		39	162		33	316	
Queue Length 95th (ft)		192			116		81	238		71	453	
Internal Link Dist (ft)		186			320			434			752	
Turn Bay Length (ft)										170		
Base Capacity (vph)		271			250		118	3742		98	3806	
Starvation Cap Reductn		0			0		0	0		0	0	
Spillback Cap Reductn		0			0		0	0		0	0	
Storage Cap Reductn		0			0		0	0		0	0	
Reduced v/c Ratio		0.42			0.28		0.28	0.34		0.29	0.53	

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 180
Offset: 0 (0%), Referenced to phase 2:NBT and 6:SBT, Start of Green

Natural Cycle: 95	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.87	
Intersection Signal Delay: 15.4	Intersection LOS: B
Intersection Capacity Utilization 57.1%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 6: Hwy 21/Augusta Rd & Minus Ave

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	60	14	33	27	12	28	31	1190	35	27	1864	45
Future Volume (veh/h)	60	14	33	27	12	28	31	1190	35	27	1864	45
Number	3	8	18	7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1790	1900	1900	1598	1900	1696	1777	1900	1712	1810	1900
Adj Flow Rate, veh/h	63	15	35	28	13	29	33	1253	37	28	1962	47
Adj No. of Lanes	0	1	0	0	1	0	1	3	0	1	3	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	7	7	7	16	16	16	12	7	7	11	5	5
Cap, veh/h	98	22	40	67	33	51	41	3737	110	35	3819	91
Arrive On Green	0.09	0.09	0.09	0.09	0.09	0.09	0.03	0.77	0.77	0.02	0.77	0.77
Sat Flow, veh/h	713	231	424	418	347	541	1616	4842	143	1630	4964	119
Grp Volume(v), veh/h	113	0	0	70	0	0	33	837	453	28	1301	708
Grp Sat Flow(s),veh/h/ln	1368	0	0	1306	0	0	1616	1617	1751	1630	1647	1789
Q Serve(g_s), s	5.8	0.0	0.0	0.0	0.0	0.0	3.7	14.3	14.3	3.1	27.1	27.2
Cycle Q Clear(g_c), s	14.8	0.0	0.0	9.0	0.0	0.0	3.7	14.3	14.3	3.1	27.1	27.2
Prop In Lane	0.56		0.31	0.40		0.41	1.00		0.08	1.00		0.07
Lane Grp Cap(c), veh/h	160	0	0	151	0	0	41	2496	1352	35	2534	1376
V/C Ratio(X)	0.71	0.00	0.00	0.46	0.00	0.00	0.80	0.34	0.34	0.81	0.51	0.51
Avail Cap(c_a), veh/h	307	0	0	286	0	0	118	2496	1352	99	2534	1376
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	80.6	0.0	0.0	77.8	0.0	0.0	87.3	6.3	6.3	87.7	7.9	7.9
Incr Delay (d2), s/veh	2.1	0.0	0.0	0.8	0.0	0.0	12.6	0.4	0.7	14.9	0.7	1.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.7	0.0	0.0	3.4	0.0	0.0	1.8	6.5	7.2	1.5	12.6	13.9
LnGrp Delay(d),s/veh	82.7	0.0	0.0	78.6	0.0	0.0	99.9	6.7	7.0	102.6	8.7	9.3
LnGrp LOS	F			E			F	A	A	F	A	A
Approach Vol, veh/h		113			70			1323			2037	
Approach Delay, s/veh		82.7			78.6			9.1			10.2	
Approach LOS		F			E			A			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	10.9	144.7		24.3	11.4	144.3		24.3
Change Period (Y+Rc), s	7.1	5.8		7.4	* 6.8	5.8		7.4
Max Green Setting (Gmax), s	10.9	113.2		35.6	* 13	111.2		35.6
Max Q Clear Time (g_c+I1), s	5.1	16.3		11.0	5.7	29.2		16.8
Green Ext Time (p_c), s	0.0	33.7		0.2	0.0	32.3		0.2

Intersection Summary	
HCM 2010 Ctrl Delay	13.4
HCM 2010 LOS	B

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	25	12	1262	1962	6
Future Vol, veh/h	10	25	12	1262	1962	6
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	100	-	-	-
Veh in Median Storage, #	1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	0	7	5	16
Mvmt Flow	11	27	13	1343	2087	6

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2653	1047	2093	0	-	0
Stage 1	2090	-	-	-	-	-
Stage 2	563	-	-	-	-	-
Critical Hdwy	5.7	7.1	5.3	-	-	-
Critical Hdwy Stg 1	6.6	-	-	-	-	-
Critical Hdwy Stg 2	6	-	-	-	-	-
Follow-up Hdwy	3.8	3.9	3.1	-	-	-
Pot Cap-1 Maneuver	42	196	115	-	-	-
Stage 1	51	-	-	-	-	-
Stage 2	492	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	37	196	115	-	-	-
Mov Cap-2 Maneuver	41	-	-	-	-	-
Stage 1	45	-	-	-	-	-
Stage 2	492	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	66.4	0.4	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	115	-	94	-	-
HCM Lane V/C Ratio	0.111	-	0.396	-	-
HCM Control Delay (s)	40.2	-	66.4	-	-
HCM Lane LOS	E	-	F	-	-
HCM 95th %tile Q(veh)	0.4	-	1.6	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	3	22	14	1259	1941	6
Future Vol, veh/h	3	22	14	1259	1941	6
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	100	-	-	-
Veh in Median Storage, #	1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	33	22	28	7	5	33
Mvmt Flow	3	23	15	1325	2043	6

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2606	1025	2049	0	-	0
Stage 1	2046	-	-	-	-	-
Stage 2	560	-	-	-	-	-
Critical Hdwy	6.36	7.54	5.86	-	-	-
Critical Hdwy Stg 1	7.26	-	-	-	-	-
Critical Hdwy Stg 2	6.66	-	-	-	-	-
Follow-up Hdwy	4.13	4.12	3.38	-	-	-
Pot Cap-1 Maneuver	27	173	85	-	-	-
Stage 1	37	-	-	-	-	-
Stage 2	419	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	22	173	85	-	-	-
Mov Cap-2 Maneuver	27	-	-	-	-	-
Stage 1	30	-	-	-	-	-
Stage 2	419	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	50.4	0.6	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	85	-	105	-	-
HCM Lane V/C Ratio	0.173	-	0.251	-	-
HCM Control Delay (s)	56	-	50.4	-	-
HCM Lane LOS	F	-	F	-	-
HCM 95th %tile Q(veh)	0.6	-	0.9	-	-

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	10	11	1242	1908	3
Future Vol, veh/h	0	10	11	1242	1908	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Yield	-	None	-	None
Storage Length	-	0	125	-	-	-
Veh in Median Storage, #	1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	0	7	5	0
Mvmt Flow	0	11	12	1321	2030	3

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	1017	2033	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.1	5.3	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.9	3.1	-	-	-
Pot Cap-1 Maneuver	0	205	123	-	-	-
Stage 1	0	-	-	-	-	-
Stage 2	0	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	205	123	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	23.5	0.3	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	123	-	205	-	-
HCM Lane V/C Ratio	0.095	-	0.052	-	-
HCM Control Delay (s)	37.3	-	23.5	-	-
HCM Lane LOS	E	-	C	-	-
HCM 95th %tile Q(veh)	0.3	-	0.2	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	10	1	7	29	0	57	0	1220	29	36	1880	0
Future Volume (vph)	10	1	7	29	0	57	0	1220	29	36	1880	0
Satd. Flow (prot)	0	1816	1615	1456	0	1233	0	4830	0	1388	4940	0
Flt Permitted		0.956		0.750						0.145		
Satd. Flow (perm)	0	1816	1615	1149	0	1233	0	4830	0	212	4940	0
Satd. Flow (RTOR)			55			61		4				
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles (%)	0%	0%	0%	24%	0%	31%	0%	7%	10%	30%	5%	0%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	12	7	31	0	61	0	1329	0	38	2000	0
Turn Type	Perm	NA	Perm	Perm		Perm		NA		pm+pt	NA	
Protected Phases		8						2		1	6	
Permitted Phases	8		8	4		4				6		
Detector Phase	8	8	8	4		4		2		1	6	
Switch Phase												
Minimum Initial (s)	1.0	1.0	1.0	8.0		8.0		18.0		5.0	18.0	
Minimum Split (s)	24.0	24.0	24.0	25.3		25.3		50.0		20.0	45.0	
Total Split (s)	36.0	36.0	36.0	36.0		36.0		118.0		26.0	144.0	
Total Split (%)	20.0%	20.0%	20.0%	20.0%		20.0%		65.6%		14.4%	80.0%	
Yellow Time (s)	3.0	3.0	3.0	4.3		4.3		4.3		3.0	4.3	
All-Red Time (s)	3.0	3.0	3.0	3.0		3.0		1.8		3.0	1.8	
Lost Time Adjust (s)		0.0	0.0	0.0		0.0		0.0		0.0	0.0	
Total Lost Time (s)		6.0	6.0	7.3		7.3		6.1		6.0	6.1	
Lead/Lag								Lag		Lead		
Lead-Lag Optimize?								Yes		Yes		
Recall Mode	None	None	None	None		None		Min		None	Min	
Act Effct Green (s)		9.0	9.0	8.7		8.7		38.0		43.1	44.8	
Actuated g/C Ratio		0.15	0.15	0.14		0.14		0.62		0.70	0.73	
v/c Ratio		0.05	0.02	0.19		0.27		0.44		0.14	0.55	
Control Delay		26.7	0.1	30.6		12.2		10.1		4.9	6.1	
Queue Delay		0.0	0.0	0.0		0.0		0.0		0.0	0.0	
Total Delay		26.7	0.1	30.6		12.2		10.1		4.9	6.1	
LOS		C	A	C		B		B		A	A	
Approach Delay		16.9			18.4			10.1			6.1	
Approach LOS		B			B			B			A	
Queue Length 50th (ft)		4	0	10		0		127		4	131	
Queue Length 95th (ft)		20	0	39		33		179		13	185	
Internal Link Dist (ft)		63			218			24			668	
Turn Bay Length (ft)						100				120		
Base Capacity (vph)		922	847	558		630		4830		547	4940	
Starvation Cap Reductn		0	0	0		0		0		0	0	
Spillback Cap Reductn		0	0	0		0		0		0	0	
Storage Cap Reductn		0	0	0		0		0		0	0	
Reduced v/c Ratio		0.01	0.01	0.06		0.10		0.28		0.07	0.40	

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 61.3
Natural Cycle: 100

Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.55	
Intersection Signal Delay: 8.0	Intersection LOS: A
Intersection Capacity Utilization 56.4%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 10: Hwy 21/Augusta Rd & BoA Driveway/Brampton Rd

HCM 2010 Research does not support Non-NEMA phasing.

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	9	0	29	0	0	0	9	1269	3	0	1894	5
Future Vol, veh/h	9	0	29	0	0	0	9	1269	3	0	1894	5
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	50	-	-	50	-	-
Veh in Median Storage, #	-	1	-	-	1	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	0	0	3	0	0	0	0	8	0	0	6	20
Mvmt Flow	9	0	31	0	0	0	9	1336	3	0	1994	5

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2549	3354	1000	2154	3355	670	1999	0	0	1339	0	0
Stage 1	1997	1997	-	1356	1356	-	-	-	-	-	-	-
Stage 2	552	1357	-	798	1999	-	-	-	-	-	-	-
Critical Hdwy	6.4	6.5	7.16	6.4	6.5	7.1	5.3	-	-	5.3	-	-
Critical Hdwy Stg 1	7.3	5.5	-	7.3	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.7	5.5	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.8	4	3.93	3.8	4	3.9	3.1	-	-	3.1	-	-
Pot Cap-1 Maneuver	29	8	206	52	8	346	128	-	-	273	-	-
Stage 1	40	106	-	114	219	-	-	-	-	-	-	-
Stage 2	447	219	-	317	106	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	27	7	206	42	7	346	128	-	-	273	-	-
Mov Cap-2 Maneuver	34	67	-	84	63	-	-	-	-	-	-	-
Stage 1	37	106	-	106	204	-	-	-	-	-	-	-
Stage 2	416	204	-	270	106	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	69.1	0	0.2	0
HCM LOS	F	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	128	-	-	94	-	273	-	-
HCM Lane V/C Ratio	0.074	-	-	0.426	-	-	-	-
HCM Control Delay (s)	35.4	-	-	69.1	0	0	-	-
HCM Lane LOS	E	-	-	F	A	A	-	-
HCM 95th %tile Q(veh)	0.2	-	-	1.8	-	0	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	21	18	1254	17	11	1888
Future Vol, veh/h	21	18	1254	17	11	1888
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	100	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	0	0	8	5	9	6
Mvmt Flow	22	19	1320	18	12	1987

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2148	669	0	0	1338	0
Stage 1	1329	-	-	-	-	-
Stage 2	819	-	-	-	-	-
Critical Hdwy	5.7	7.1	-	-	5.48	-
Critical Hdwy Stg 1	6.6	-	-	-	-	-
Critical Hdwy Stg 2	6	-	-	-	-	-
Follow-up Hdwy	3.8	3.9	-	-	3.19	-
Pot Cap-1 Maneuver	80	347	-	-	251	-
Stage 1	154	-	-	-	-	-
Stage 2	361	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	76	347	-	-	251	-
Mov Cap-2 Maneuver	125	-	-	-	-	-
Stage 1	154	-	-	-	-	-
Stage 2	344	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	31.4	0	0.1
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	177	251	-
HCM Lane V/C Ratio	-	-	0.232	0.046	-
HCM Control Delay (s)	-	-	31.4	20	-
HCM Lane LOS	-	-	D	C	-
HCM 95th %tile Q(veh)	-	-	0.9	0.1	-

Intersection	
Int Delay, s/veh	11.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	27	0	26	5	0	0	25	1214	19	5	1884	26
Future Vol, veh/h	27	0	26	5	0	0	25	1214	19	5	1884	26
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	0	-	-	-	150	-	-	150	-	-
Veh in Median Storage, #	-	1	-	-	1	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	62	0	3	0	0	0	12	9	0	0	6	50
Mvmt Flow	29	0	28	5	0	0	27	1305	20	5	2026	28

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2626	-	1027	2189	3433	663	2054	0	0	1325	0	0
Stage 1	2050	-	-	1369	1369	-	-	-	-	-	-	-
Stage 2	576	-	-	820	2064	-	-	-	-	-	-	-
Critical Hdwy	7.64	-	7.16	6.4	6.5	7.1	5.54	-	-	5.3	-	-
Critical Hdwy Stg 1	8.54	-	-	7.3	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	7.94	-	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	4.42	-	3.93	3.8	4	3.9	3.22	-	-	3.1	-	-
Pot Cap-1 Maneuver	~ 10	0	198	50	7	350	104	-	-	277	-	-
Stage 1	~ 17	0	-	112	216	-	-	-	-	-	-	-
Stage 2	319	0	-	308	98	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 8	-	198	34	5	350	104	-	-	277	-	-
Mov Cap-2 Maneuver	~ 12	-	-	67	46	-	-	-	-	-	-	-
Stage 1	~ 13	-	-	83	160	-	-	-	-	-	-	-
Stage 2	236	-	-	260	96	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	$ 664.4	63.4	1	0
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	104	-	-	12	198	67	277	-	-
HCM Lane V/C Ratio	0.258	-	-	2.419	0.141	0.08	0.019	-	-
HCM Control Delay (s)	51.3	-	-	$ 1279	26.1	63.4	18.3	-	-
HCM Lane LOS	F	-	-	F	D	F	C	-	-
HCM 95th %tile Q(veh)	1	-	-	4.5	0.5	0.3	0.1	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	1	0	1	0	0	0	4	1233	3	0	1880	3
Future Vol, veh/h	1	0	1	0	0	0	4	1233	3	0	1880	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	100	-	-	100	-	-
Veh in Median Storage, #	-	1	-	-	1	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	96	96	96	96	96	96	96	96	96	96	96	96
Heavy Vehicles, %	0	0	0	0	0	0	0	9	0	0	7	33
Mvmt Flow	1	0	1	0	0	0	4	1284	3	0	1958	3

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2482	3255	981	2077	3255	644	1961	0	0	1287	0	0
Stage 1	1960	1960	-	1294	1294	-	-	-	-	-	-	-
Stage 2	522	1295	-	783	1961	-	-	-	-	-	-	-
Critical Hdwy	6.4	6.5	7.1	6.4	6.5	7.1	5.3	-	-	5.3	-	-
Critical Hdwy Stg 1	7.3	5.5	-	7.3	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.7	5.5	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.8	4	3.9	3.8	4	3.9	3.1	-	-	3.1	-	-
Pot Cap-1 Maneuver	32	9	217	58	9	360	134	-	-	289	-	-
Stage 1	42	111	-	126	235	-	-	-	-	-	-	-
Stage 2	466	235	-	324	111	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	31	9	217	56	9	360	134	-	-	289	-	-
Mov Cap-2 Maneuver	37	72	-	99	70	-	-	-	-	-	-	-
Stage 1	41	111	-	122	228	-	-	-	-	-	-	-
Stage 2	452	228	-	322	111	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	64.1	0	0.1	0
HCM LOS	F	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	134	-	-	63	-	289	-	-
HCM Lane V/C Ratio	0.031	-	-	0.033	-	-	-	-
HCM Control Delay (s)	32.7	-	-	64.1	0	0	-	-
HCM Lane LOS	D	-	-	F	A	A	-	-
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-	0	-	-

Intersection	
Int Delay, s/veh	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	11	10	1170	23	4	1866
Future Vol, veh/h	11	10	1170	23	4	1866
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	150	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	9	10	10	4	0	7
Mvmt Flow	12	11	1232	24	4	1964

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2038	628	0	0	1256	0
Stage 1	1244	-	-	-	-	-
Stage 2	794	-	-	-	-	-
Critical Hdwy	5.88	7.3	-	-	5.3	-
Critical Hdwy Stg 1	6.78	-	-	-	-	-
Critical Hdwy Stg 2	6.18	-	-	-	-	-
Follow-up Hdwy	3.89	4	-	-	3.1	-
Pot Cap-1 Maneuver	82	350	-	-	299	-
Stage 1	162	-	-	-	-	-
Stage 2	353	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	81	350	-	-	299	-
Mov Cap-2 Maneuver	131	-	-	-	-	-
Stage 1	162	-	-	-	-	-
Stage 2	348	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	26.8	0	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	187	299	-
HCM Lane V/C Ratio	-	-	0.118	0.014	-
HCM Control Delay (s)	-	-	26.8	17.2	-
HCM Lane LOS	-	-	D	C	-
HCM 95th %tile Q(veh)	-	-	0.4	0	-

Intersection	
Int Delay, s/veh	4.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	18	0	34	1	0	6	34	1140	0	4	1844	11
Future Vol, veh/h	18	0	34	1	0	6	34	1140	0	4	1844	11
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	100	-	-	100	-	-
Veh in Median Storage, #	-	1	-	-	1	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	11	0	2	0	0	0	8	10	0	0	6	0
Mvmt Flow	19	0	36	1	0	6	36	1213	0	4	1962	12

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2533	3261	987	2078	3267	607	1974	0	0	1213	0	0
Stage 1	1976	1976	-	1285	1285	-	-	-	-	-	-	-
Stage 2	557	1285	-	793	1982	-	-	-	-	-	-	-
Critical Hdwy	6.62	6.5	7.14	6.4	6.5	7.1	5.46	-	-	5.3	-	-
Critical Hdwy Stg 1	7.52	5.5	-	7.3	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.92	5.5	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.91	4	3.92	3.8	4	3.9	3.18	-	-	3.1	-	-
Pot Cap-1 Maneuver	26	9	212	58	9	380	120	-	-	314	-	-
Stage 1	36	109	-	128	237	-	-	-	-	-	-	-
Stage 2	421	237	-	320	108	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 19	6	212	37	6	380	120	-	-	314	-	-
Mov Cap-2 Maneuver	23	62	-	72	48	-	-	-	-	-	-	-
Stage 1	25	108	-	90	166	-	-	-	-	-	-	-
Stage 2	290	166	-	262	107	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	243.9	20.8	1.4	0
HCM LOS	F	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	120	-	-	55	236	314	-	-
HCM Lane V/C Ratio	0.301	-	-	1.006	0.032	0.014	-	-
HCM Control Delay (s)	47.5	-	-	243.9	20.8	16.6	-	-
HCM Lane LOS	E	-	-	F	C	C	-	-
HCM 95th %tile Q(veh)	1.2	-	-	4.6	0.1	0	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	29	25	1151	15	10	1835
Future Volume (vph)	29	25	1151	15	10	1835
Satd. Flow (prot)	1641	1615	3282	1524	1805	4848
Flt Permitted	0.950				0.171	
Satd. Flow (perm)	1641	1615	3282	1524	325	4848
Satd. Flow (RTOR)		27		16		
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles (%)	10%	0%	10%	6%	0%	7%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	31	27	1238	16	11	1973
Turn Type	Prot	Perm	NA	Perm	pm+pt	NA
Protected Phases	4		2		1	6
Permitted Phases		4		2	6	
Detector Phase	4	4	2	2	1	6
Switch Phase						
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0
Minimum Split (s)	25.0	25.0	23.8	23.8	10.6	23.8
Total Split (s)	31.0	31.0	135.0	135.0	14.0	149.0
Total Split (%)	17.2%	17.2%	75.0%	75.0%	7.8%	82.8%
Yellow Time (s)	4.0	4.0	4.3	4.3	3.0	4.3
All-Red Time (s)	3.0	3.0	1.5	1.5	2.6	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	5.8	5.8	5.6	5.8
Lead/Lag			Lag	Lag	Lead	
Lead-Lag Optimize?			Yes	Yes	Yes	
Recall Mode	None	None	Min	Min	None	Min
Act Effct Green (s)	7.2	7.2	51.7	51.7	50.7	53.6
Actuated g/C Ratio	0.11	0.11	0.81	0.81	0.79	0.83
v/c Ratio	0.17	0.13	0.47	0.01	0.03	0.49
Control Delay	32.8	14.6	6.0	3.1	3.0	3.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	32.8	14.6	6.0	3.1	3.0	3.9
LOS	C	B	A	A	A	A
Approach Delay	24.3		6.0			3.9
Approach LOS	C		A			A
Queue Length 50th (ft)	13	0	100	0	1	116
Queue Length 95th (ft)	38	22	264	8	5	162
Internal Link Dist (ft)	310		1317			123
Turn Bay Length (ft)		185			100	
Base Capacity (vph)	646	652	3282	1524	460	4848
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.05	0.04	0.38	0.01	0.02	0.41

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 64.2
Natural Cycle: 70

Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.49	
Intersection Signal Delay: 5.0	Intersection LOS: A
Intersection Capacity Utilization 50.3%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 17: Hwy 21/Augusta Rd & Smith Ave

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	29	25	1151	15	10	1835
Future Volume (veh/h)	29	25	1151	15	10	1835
Number	7	14	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1727	1900	1727	1792	1900	1776
Adj Flow Rate, veh/h	31	27	1238	16	11	1973
Adj No. of Lanes	1	1	2	1	1	3
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	10	0	10	6	0	7
Cap, veh/h	61	60	2582	1199	383	4117
Arrive On Green	0.04	0.04	0.79	0.79	0.01	0.85
Sat Flow, veh/h	1645	1615	3368	1524	1810	5007
Grp Volume(v), veh/h	31	27	1238	16	11	1973
Grp Sat Flow(s),veh/h/ln	1645	1615	1641	1524	1810	1616
Q Serve(g_s), s	2.1	1.8	14.6	0.3	0.1	11.7
Cycle Q Clear(g_c), s	2.1	1.8	14.6	0.3	0.1	11.7
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	61	60	2582	1199	383	4117
V/C Ratio(X)	0.51	0.45	0.48	0.01	0.03	0.48
Avail Cap(c_a), veh/h	350	344	3760	1745	494	6155
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	53.3	53.2	4.1	2.6	3.1	2.2
Incr Delay (d2), s/veh	6.4	5.2	0.1	0.0	0.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	0.9	6.6	0.1	0.1	5.0
LnGrp Delay(d),s/veh	59.7	58.4	4.3	2.6	3.2	2.2
LnGrp LOS	E	E	A	A	A	A
Approach Vol, veh/h	58		1254			1984
Approach Delay, s/veh	59.1		4.2			2.2
Approach LOS	E		A			A

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4		6		
Phs Duration (G+Y+Rc), s	7.1	94.5		11.2		101.6		
Change Period (Y+Rc), s	5.6	5.8		7.0		5.8		
Max Green Setting (Gmax), s	8.4	129.2		24.0		143.2		
Max Q Clear Time (g_c+I1), s	2.1	16.6		4.1		13.7		
Green Ext Time (p_c), s	0.0	72.2		0.1		78.3		

Intersection Summary	
HCM 2010 Ctrl Delay	4.0
HCM 2010 LOS	A

Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBU	NBT	NBR	SBL	SBT
Lane Configurations							
Traffic Vol, veh/h	6	33	0	1158	6	19	1841
Future Vol, veh/h	6	33	0	1158	6	19	1841
Conflicting Peds, #/hr	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	Yield	-	-	None	-	None
Storage Length	0	-	150	-	150	275	-
Veh in Median Storage, #	1	-	-	0	-	-	0
Grade, %	0	-	-	0	-	-	0
Peak Hour Factor	92	92	92	92	92	92	92
Heavy Vehicles, %	33	12	2	10	16	47	6
Mvmt Flow	7	36	0	1259	7	21	2001

Major/Minor	Minor1		Major1			Major2	
Conflicting Flow All	2302	630	2001	0	0	1266	0
Stage 1	1259	-	-	-	-	-	-
Stage 2	1043	-	-	-	-	-	-
Critical Hdwy	7.46	7.14	6.44	-	-	5.04	-
Critical Hdwy Stg 1	6.46	-	-	-	-	-	-
Critical Hdwy Stg 2	6.46	-	-	-	-	-	-
Follow-up Hdwy	3.83	3.42	2.52	-	-	2.67	-
Pot Cap-1 Maneuver	21	401	74	-	-	353	-
Stage 1	178	-	-	-	-	-	-
Stage 2	239	-	-	-	-	-	-
Platoon blocked, %				-	-		-
Mov Cap-1 Maneuver	20	401	74	-	-	353	-
Mov Cap-2 Maneuver	100	-	-	-	-	-	-
Stage 1	178	-	-	-	-	-	-
Stage 2	225	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	13.3	0	0.2
HCM LOS	B		

Minor Lane/Major Mvmt	NBU	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	74	-	-	474	353	-
HCM Lane V/C Ratio	-	-	-	0.089	0.059	-
HCM Control Delay (s)	0	-	-	13.3	15.8	-
HCM Lane LOS	A	-	-	B	C	-
HCM 95th %tile Q(veh)	0	-	-	0.3	0.2	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	121	205	131	409	205	27	271	720	206	20	1355	173
Future Volume (vph)	121	205	131	409	205	27	271	720	206	20	1355	173
Satd. Flow (prot)	2319	1962	1392	3273	2407	1016	3303	3252	1417	2259	3406	1335
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	2319	1962	1392	3273	2407	1016	3303	3252	1417	2259	3406	1335
Satd. Flow (RTOR)			210			162			217			208
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	51%	84%	16%	7%	50%	59%	6%	11%	14%	55%	6%	21%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	127	216	138	431	216	28	285	758	217	21	1426	182
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	1	6		5	2		3	8		7	4	
Permitted Phases			6			2			8			4
Detector Phase	1	6	6	5	2	2	3	8	8	7	4	4
Switch Phase												
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Minimum Split (s)	12.7	24.7	24.7	13.0	24.7	24.7	12.4	25.1	25.1	12.5	25.1	25.1
Total Split (s)	24.5	33.0	33.0	33.0	41.5	41.5	26.0	101.3	101.3	12.7	88.0	88.0
Total Split (%)	13.6%	18.3%	18.3%	18.3%	23.1%	23.1%	14.4%	56.3%	56.3%	7.1%	48.9%	48.9%
Yellow Time (s)	4.7	4.3	4.3	5.0	4.3	4.3	4.4	4.3	4.3	4.5	4.3	4.3
All-Red Time (s)	3.0	2.4	2.4	3.0	2.4	2.4	3.0	2.8	2.8	3.0	2.8	2.8
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.7	6.7	6.7	8.0	6.7	6.7	7.4	7.1	7.1	7.5	7.1	7.1
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lag	Lead	Lag	Lag	Lead	Lag	Lag
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	C-Min	C-Min	None	C-Min	C-Min	None	Min	Min	None	Min	Min
Act Effct Green (s)	14.4	26.7	26.7	25.7	38.3	38.3	18.4	98.0	98.0	5.7	80.0	80.0
Actuated g/C Ratio	0.08	0.15	0.15	0.14	0.21	0.21	0.10	0.54	0.54	0.03	0.44	0.44
v/c Ratio	0.69	0.74	0.36	0.92	0.42	0.08	0.85	0.43	0.25	0.30	0.94	0.26
Control Delay	99.0	89.8	2.6	101.5	65.5	0.5	100.9	25.8	3.1	96.3	60.6	2.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	99.0	89.8	2.6	101.5	65.5	0.5	100.9	25.8	3.1	96.3	60.6	2.7
LOS	F	F	A	F	E	A	F	C	A	F	E	A
Approach Delay		67.2			85.8			38.8			54.6	
Approach LOS		E			F			D			D	
Queue Length 50th (ft)	76	132	0	264	120	0	172	288	0	12	834	0
Queue Length 95th (ft)	115	#191	0	#376	168	0	#248	343	45	30	#953	30
Internal Link Dist (ft)		650			894			1533			2600	
Turn Bay Length (ft)	550		300	200		725	275		440	625		485
Base Capacity (vph)	216	302	392	466	511	343	346	1769	870	71	1532	715
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.59	0.72	0.35	0.92	0.42	0.08	0.82	0.43	0.25	0.30	0.93	0.25

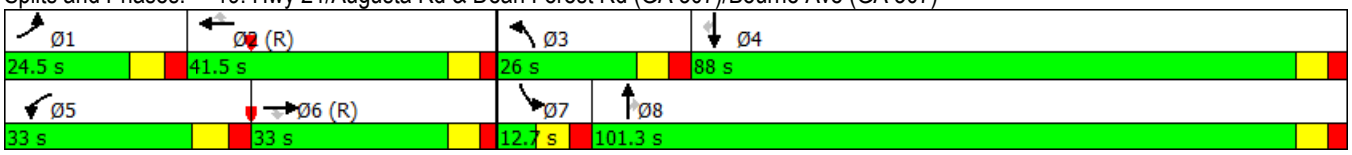
Intersection Summary

Cycle Length: 180
Actuated Cycle Length: 180
Offset: 0 (0%), Referenced to phase 2:WBT and 6:EBT, Start of Green

Natural Cycle: 130	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.94	
Intersection Signal Delay: 56.4	Intersection LOS: E
Intersection Capacity Utilization 85.8%	ICU Level of Service E
Analysis Period (min) 15	

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 19: Hwy 21/Augusta Rd & Dean Forest Rd (GA 307)/Bourne Ave (GA 307)



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	121	205	131	409	205	27	271	720	206	20	1355	173
Future Volume (veh/h)	121	205	131	409	205	27	271	720	206	20	1355	173
Number	1	6	16	5	2	12	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1258	1033	1638	1776	1267	1195	1792	1712	1667	1226	1792	1570
Adj Flow Rate, veh/h	127	216	0	431	216	28	285	758	0	21	1426	0
Adj No. of Lanes	2	2	1	2	2	1	2	2	1	2	2	1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	51	84	16	7	50	59	6	11	14	55	6	21
Cap, veh/h	153	310	220	456	560	237	321	1698	740	41	1512	592
Arrive On Green	0.07	0.16	0.00	0.14	0.23	0.23	0.10	0.52	0.00	0.02	0.44	0.00
Sat Flow, veh/h	2325	1962	1392	3281	2407	1016	3312	3252	1417	2265	3406	1335
Grp Volume(v), veh/h	127	216	0	431	216	28	285	758	0	21	1426	0
Grp Sat Flow(s),veh/h/ln	1162	981	1392	1640	1203	1016	1656	1626	1417	1132	1703	1335
Q Serve(g_s), s	9.7	18.7	0.0	23.4	13.6	3.9	15.3	26.1	0.0	1.7	72.1	0.0
Cycle Q Clear(g_c), s	9.7	18.7	0.0	23.4	13.6	3.9	15.3	26.1	0.0	1.7	72.1	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	153	310	220	456	560	237	321	1698	740	41	1512	592
V/C Ratio(X)	0.83	0.70	0.00	0.95	0.39	0.12	0.89	0.45	0.00	0.51	0.94	0.00
Avail Cap(c_a), veh/h	217	310	220	456	560	237	342	1702	741	65	1531	600
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	83.1	71.7	0.0	76.8	58.2	54.5	80.3	26.8	0.0	87.6	47.9	0.0
Incr Delay (d2), s/veh	16.5	12.2	0.0	28.9	2.0	1.0	22.7	0.2	0.0	9.6	12.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.5	5.6	0.0	12.5	4.7	1.2	8.0	11.7	0.0	0.6	36.4	0.0
LnGrp Delay(d),s/veh	99.6	83.9	0.0	105.7	60.2	55.5	103.0	27.0	0.0	97.2	59.9	0.0
LnGrp LOS	F	F		F	E	E	F	C		F	E	
Approach Vol, veh/h		343			675			1043			1447	
Approach Delay, s/veh		89.7			89.1			47.7			60.5	
Approach LOS		F			F			D			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	19.5	48.6	24.8	87.0	33.0	35.2	10.8	101.1
Change Period (Y+Rc), s	7.7	6.7	7.4	* 7.1	8.0	6.7	7.5	* 7.1
Max Green Setting (Gmax), s	16.8	34.8	18.6	* 81	25.0	26.3	5.2	* 94
Max Q Clear Time (g_c+I1), s	11.7	15.6	17.3	74.1	25.4	20.7	3.7	28.1
Green Ext Time (p_c), s	0.1	2.6	0.1	5.8	0.0	1.3	0.0	28.4

Intersection Summary	
HCM 2010 Ctrl Delay	65.0
HCM 2010 LOS	E

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Lane Group	WBL	WBR	NBU	NBT	NBR	SBL	SBT
Lane Configurations							
Traffic Volume (vph)	29	33	0	813	86	111	1486
Future Volume (vph)	29	33	0	813	86	111	1486
Satd. Flow (prot)	1142	1070	1863	3085	1242	1236	3374
Flt Permitted	0.950					0.209	
Satd. Flow (perm)	1142	1070	1863	3085	1242	272	3374
Satd. Flow (RTOR)		36			93		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles (%)	58%	51%	2%	17%	30%	46%	7%
Shared Lane Traffic (%)							
Lane Group Flow (vph)	32	36	0	884	93	121	1615
Turn Type	Prot	Perm	Perm	NA	Perm	pm+pt	NA
Protected Phases	8			6		5	2
Permitted Phases		8	6		6	2	
Detector Phase	8	8	6	6	6	5	2
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Minimum Split (s)	24.5	24.5	24.1	24.1	24.1	11.3	24.1
Total Split (s)	31.0	31.0	118.0	118.0	118.0	31.0	149.0
Total Split (%)	17.2%	17.2%	65.6%	65.6%	65.6%	17.2%	82.8%
Yellow Time (s)	3.5	3.5	4.6	4.6	4.6	3.3	4.6
All-Red Time (s)	3.0	3.0	1.5	1.5	1.5	3.0	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.5	6.5	6.1	6.1	6.1	6.3	6.1
Lead/Lag			Lag	Lag	Lag	Lead	
Lead-Lag Optimize?			Yes	Yes	Yes	Yes	
Recall Mode	None	None	Min	Min	Min	None	Min
Act Effct Green (s)	7.5	7.5		28.7	28.7	44.7	46.4
Actuated g/C Ratio	0.12	0.12		0.46	0.46	0.72	0.74
v/c Ratio	0.23	0.22		0.62	0.15	0.35	0.64
Control Delay	32.1	14.5		16.4	3.6	6.7	7.1
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0
Total Delay	32.1	14.5		16.4	3.6	6.7	7.1
LOS	C	B		B	A	A	A
Approach Delay	22.8			15.2			7.1
Approach LOS	C			B			A
Queue Length 50th (ft)	11	0		135	0	13	158
Queue Length 95th (ft)	39	26		220	23	32	255
Internal Link Dist (ft)	442			530			572
Turn Bay Length (ft)		185			215	160	
Base Capacity (vph)	459	452		3085	1242	586	3374
Starvation Cap Reductn	0	0		0	0	0	0
Spillback Cap Reductn	0	0		0	0	0	0
Storage Cap Reductn	0	0		0	0	0	0
Reduced v/c Ratio	0.07	0.08		0.29	0.07	0.21	0.48

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 62.3
Natural Cycle: 65

Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.64	
Intersection Signal Delay: 10.3	Intersection LOS: B
Intersection Capacity Utilization 65.0%	ICU Level of Service C
Analysis Period (min) 15	

Splits and Phases: 20: Hwy 21/Augusta Rd & Grange Rd

HCM 2010 cannot analyze U-Turning movements.

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	0	0	0	0
Future Volume (vph)	0	0	0	0	0	0
Satd. Flow (prot)	3614	1863	0	3539	3539	1863
Flt Permitted						
Satd. Flow (perm)	3614	1863	0	3539	3539	1863
Satd. Flow (RTOR)						
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	0	0	0
Turn Type	Prot	Perm				Perm
Protected Phases	4			2	6	
Permitted Phases		4	2			6
Detector Phase	4	4	2	2	6	6
Switch Phase						
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0
Minimum Split (s)	22.5	22.5	22.5	22.5	22.5	22.5
Total Split (s)	62.0	62.0	118.0	118.0	118.0	118.0
Total Split (%)	34.4%	34.4%	65.6%	65.6%	65.6%	65.6%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	1.0	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5
Lead/Lag						
Lead-Lag Optimize?						
Recall Mode	None	None	Max	Max	Max	Max
Act Effct Green (s)						
Actuated g/C Ratio						
v/c Ratio						
Control Delay						
Queue Delay						
Total Delay						
LOS						
Approach Delay						
Approach LOS						
Queue Length 50th (ft)						
Queue Length 95th (ft)						
Internal Link Dist (ft)	316			242	212	
Turn Bay Length (ft)						
Base Capacity (vph)						
Starvation Cap Reductn						
Spillback Cap Reductn						
Storage Cap Reductn						
Reduced v/c Ratio						

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 120
Natural Cycle: 45
Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.00	
Intersection Signal Delay: 0.0	Intersection LOS: A
Intersection Capacity Utilization 0.0%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 54: Main St & Burnsed Blvd (GA 25)

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	0	0	0	0	0	0
Future Volume (veh/h)	0	0	0	0	0	0
Number	7	14	5	2	6	16
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00			1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1863
Adj Flow Rate, veh/h	0	0	0	0	0	0
Adj No. of Lanes	2	1	0	2	2	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	9999	9999	0	9999	9999	9999
Arrive On Green	0.00	0.00	0.00	0.00	0.00	0.00
Sat Flow, veh/h	3442	1583	0	-81961	-82054	1583
Grp Volume(v), veh/h	0	0	0	0	0	0
Grp Sat Flow(s),veh/h/ln	1721	1583	0	1770	1770	1583
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0
Prop In Lane	1.00	1.00	0.00			1.00
Lane Grp Cap(c), veh/h	3284	1921664	3370	7958	7958	1921664
V/C Ratio(X)	0.00	0.00	0.00	0.00	0.00	0.00
Avail Cap(c_a), veh/h	1888	4801152	3833	3583	3583	4801152
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	0.00	0.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	0.0	0.0	0.0
LnGrp Delay(d),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
LnGrp LOS						
Approach Vol, veh/h	0			0	0	
Approach Delay, s/veh	0.0			0.0	0.0	
Approach LOS						

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6		
Phs Duration (G+Y+Rc), s		0.0		0.0		0.0		
Change Period (Y+Rc), s		4.5		4.5		4.5		
Max Green Setting (Gmax), s		113.5		57.5		113.5		
Max Q Clear Time (g_c+I1), s		0.0		0.0		0.0		
Green Ext Time (p_c), s		0.0		0.0		0.0		

Intersection Summary	
HCM 2010 Ctrl Delay	0.0
HCM 2010 LOS	A

Intersection	
Int Delay, s/veh	4.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations		↱		↑↑	↑↑	
Traffic Vol, veh/h	0	296	0	318	164	0
Future Vol, veh/h	0	296	0	318	164	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Yield	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	0	16	0	7	26	0
Mvmt Flow	0	329	0	353	182	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	91	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.22	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.46	-	-	-	-
Pot Cap-1 Maneuver	0	905	0	-	-	0
Stage 1	0	-	0	-	-	0
Stage 2	0	-	0	-	-	0
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	-	905	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.2	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT
Capacity (veh/h)	-	905	-
HCM Lane V/C Ratio	-	0.363	-
HCM Control Delay (s)	-	11.2	-
HCM Lane LOS	-	B	-
HCM 95th %tile Q(veh)	-	1.7	-

Intersection	
Int Delay, s/veh	7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations						↱		↰↑			↑↱	
Traffic Vol, veh/h	0	0	0	12	0	467	186	81	0	0	409	19
Future Vol, veh/h	0	0	0	12	0	467	186	81	0	0	409	19
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	Yield	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	-	-	-	-	-	-
Veh in Median Storage, #	-	-	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	81	81	81	81	81	81	81	81	81	81	81	81
Heavy Vehicles, %	0	0	0	0	0	4	8	6	0	0	15	0
Mvmt Flow	0	0	0	15	0	577	230	100	0	0	505	23

Major/Minor	Minor1			Major1			Major2		
Conflicting Flow All	813	-	50	528	0	-	-	-	0
Stage 1	560	-	-	-	-	-	-	-	-
Stage 2	253	-	-	-	-	-	-	-	-
Critical Hdwy	6.8	-	6.98	4.26	-	-	-	-	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	-	3.34	2.28	-	-	-	-	-
Pot Cap-1 Maneuver	320	0	1001	995	-	0	0	-	-
Stage 1	541	0	-	-	-	0	0	-	-
Stage 2	772	0	-	-	-	0	0	-	-
Platoon blocked, %					-			-	-
Mov Cap-1 Maneuver	242	0	1001	995	-	-	-	-	-
Mov Cap-2 Maneuver	242	0	-	-	-	-	-	-	-
Stage 1	408	0	-	-	-	-	-	-	-
Stage 2	772	0	-	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	13.4	6.8	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	WBLn1	SBT	SBR
Capacity (veh/h)	995	-	1001	-	-
HCM Lane V/C Ratio	0.231	-	0.576	-	-
HCM Control Delay (s)	9.7	0.2	13.4	-	-
HCM Lane LOS	A	A	B	-	-
HCM 95th %tile Q(veh)	0.9	-	3.8	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations		↱		↑↑↑	↑↑↑↳	
Traffic Vol, veh/h	0	13	0	1901	1790	35
Future Vol, veh/h	0	13	0	1901	1790	35
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	0	3	5	0
Mvmt Flow	0	14	0	2022	1904	37

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	971	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.1	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.9	-	-	-	-
Pot Cap-1 Maneuver	0	220	0	-	-	-
Stage 1	0	-	0	-	-	-
Stage 2	0	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	220	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	22.5	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	-	220	-	-
HCM Lane V/C Ratio	-	0.063	-	-
HCM Control Delay (s)	-	22.5	-	-
HCM Lane LOS	-	C	-	-
HCM 95th %tile Q(veh)	-	0.2	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	116	37	27	74	47	81	40	1801	92	66	1681	64
Future Volume (vph)	116	37	27	74	47	81	40	1801	92	66	1681	64
Satd. Flow (prot)	0	1785	0	0	1729	0	1719	4962	0	1703	4919	0
Flt Permitted		0.576			0.814		0.950			0.950		
Satd. Flow (perm)	0	1061	0	0	1433	0	1719	4962	0	1703	4919	0
Satd. Flow (RTOR)		5			18			7			5	
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles (%)	1%	0%	3%	1%	4%	2%	5%	4%	0%	6%	5%	3%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	191	0	0	215	0	43	2014	0	70	1856	0
Turn Type	Perm	NA		Perm	NA		Prot	NA		Prot	NA	
Protected Phases		8			4		5	2		1	6	
Permitted Phases	8			4								
Detector Phase	8	8		4	4		5	2		1	6	
Switch Phase												
Minimum Initial (s)	8.0	8.0		8.0	8.0		5.0	18.0		5.0	18.0	
Minimum Split (s)	35.0	35.0		35.0	35.0		15.0	45.0		15.0	45.0	
Total Split (s)	56.0	56.0		56.0	56.0		17.0	102.0		22.0	107.0	
Total Split (%)	31.1%	31.1%		31.1%	31.1%		9.4%	56.7%		12.2%	59.4%	
Yellow Time (s)	4.4	4.4		4.4	4.4		3.8	4.3		4.1	4.3	
All-Red Time (s)	3.0	3.0		3.0	3.0		3.0	1.5		3.0	1.5	
Lost Time Adjust (s)		0.0			0.0		0.0	0.0		0.0	0.0	
Total Lost Time (s)		7.4			7.4		6.8	5.8		7.1	5.8	
Lead/Lag							Lead	Lag		Lead	Lag	
Lead-Lag Optimize?							Yes	Yes		Yes	Yes	
Recall Mode	None	None		None	None		None	C-Min		None	C-Min	
Act Effct Green (s)		32.3			32.3		7.5	117.3		10.1	122.5	
Actuated g/C Ratio		0.18			0.18		0.04	0.65		0.06	0.68	
v/c Ratio		0.98			0.79		0.61	0.62		0.74	0.55	
Control Delay		130.8			84.0		116.6	21.0		123.1	17.4	
Queue Delay		0.0			0.0		0.0	0.0		0.0	0.0	
Total Delay		130.8			84.0		116.6	21.0		123.1	17.4	
LOS		F			F		F	C		F	B	
Approach Delay		130.8			84.0			23.0			21.2	
Approach LOS		F			F			C			C	
Queue Length 50th (ft)		223			227		51	487		83	405	
Queue Length 95th (ft)		310			307		97	688		141	574	
Internal Link Dist (ft)		186			320			434			752	
Turn Bay Length (ft)										170		
Base Capacity (vph)		290			400		99	3237		140	3350	
Starvation Cap Reductn		0			0		0	0		0	0	
Spillback Cap Reductn		0			0		0	0		0	0	
Storage Cap Reductn		0			0		0	0		0	0	
Reduced v/c Ratio		0.66			0.54		0.43	0.62		0.50	0.55	

Intersection Summary

Cycle Length: 180
Actuated Cycle Length: 180
Offset: 0 (0%), Referenced to phase 2:NBT and 6:SBT, Start of Green

Natural Cycle: 95	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.98	
Intersection Signal Delay: 29.9	Intersection LOS: C
Intersection Capacity Utilization 75.1%	ICU Level of Service D
Analysis Period (min) 15	

Splits and Phases: 6: Hwy 21/Augusta Rd & Minus Ave

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	116	37	27	74	47	81	40	1801	92	66	1681	64
Future Volume (veh/h)	116	37	27	74	47	81	40	1801	92	66	1681	64
Number	3	8	18	7	4	14	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1879	1900	1900	1861	1900	1810	1830	1900	1792	1811	1900
Adj Flow Rate, veh/h	123	39	29	79	50	86	43	1916	98	70	1788	68
Adj No. of Lanes	0	1	0	0	1	0	1	3	0	1	3	0
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	0	0	0	4	4	4	5	4	4	6	5	5
Cap, veh/h	164	44	31	127	78	118	55	3151	161	86	3262	124
Arrive On Green	0.19	0.19	0.19	0.19	0.19	0.19	0.03	0.65	0.65	0.05	0.67	0.67
Sat Flow, veh/h	692	233	166	527	408	624	1723	4869	248	1707	4888	186
Grp Volume(v), veh/h	191	0	0	215	0	0	43	1309	705	70	1205	651
Grp Sat Flow(s),veh/h/ln	1091	0	0	1559	0	0	1723	1666	1787	1707	1648	1778
Q Serve(g_s), s	8.6	0.0	0.0	0.0	0.0	0.0	4.5	41.1	41.4	7.3	34.5	34.6
Cycle Q Clear(g_c), s	31.8	0.0	0.0	23.2	0.0	0.0	4.5	41.1	41.4	7.3	34.5	34.6
Prop In Lane	0.64		0.15	0.37		0.40	1.00		0.14	1.00		0.10
Lane Grp Cap(c), veh/h	240	0	0	323	0	0	55	2156	1156	86	2199	1186
V/C Ratio(X)	0.80	0.00	0.00	0.66	0.00	0.00	0.79	0.61	0.61	0.82	0.55	0.55
Avail Cap(c_a), veh/h	352	0	0	446	0	0	98	2156	1156	141	2199	1186
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	73.2	0.0	0.0	68.3	0.0	0.0	86.5	18.5	18.5	84.7	15.7	15.7
Incr Delay (d2), s/veh	4.4	0.0	0.0	0.9	0.0	0.0	8.9	1.3	2.4	6.9	1.0	1.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.7	0.0	0.0	10.1	0.0	0.0	2.3	19.3	21.1	3.6	15.9	17.4
LnGrp Delay(d),s/veh	77.6	0.0	0.0	69.2	0.0	0.0	95.4	19.7	20.9	91.6	16.7	17.5
LnGrp LOS	E			E			F	B	C	F	B	B
Approach Vol, veh/h		191			215			2057			1926	
Approach Delay, s/veh		77.6			69.2			21.7			19.7	
Approach LOS		E			E			C			B	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	16.1	122.3		41.6	12.5	125.9		41.6
Change Period (Y+Rc), s	7.1	5.8		7.4	* 6.8	5.8		7.4
Max Green Setting (Gmax), s	14.9	96.2		48.6	* 10	101.2		48.6
Max Q Clear Time (g_c+I1), s	9.3	43.4		25.2	6.5	36.6		33.8
Green Ext Time (p_c), s	0.0	35.3		0.4	0.0	39.9		0.4

Intersection Summary	
HCM 2010 Ctrl Delay	25.6
HCM 2010 LOS	C

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	4	29	26	1973	1838	19
Future Vol, veh/h	4	29	26	1973	1838	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	100	-	-	-
Veh in Median Storage, #	1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	0	0	0	3	5	5
Mvmt Flow	4	30	27	2034	1895	20

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2773	958	1915	0	-	0
Stage 1	1905	-	-	-	-	-
Stage 2	868	-	-	-	-	-
Critical Hdwy	5.7	7.1	5.3	-	-	-
Critical Hdwy Stg 1	6.6	-	-	-	-	-
Critical Hdwy Stg 2	6	-	-	-	-	-
Follow-up Hdwy	3.8	3.9	3.1	-	-	-
Pot Cap-1 Maneuver	36	224	141	-	-	-
Stage 1	67	-	-	-	-	-
Stage 2	340	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	29	224	141	-	-	-
Mov Cap-2 Maneuver	48	-	-	-	-	-
Stage 1	54	-	-	-	-	-
Stage 2	340	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	34.6	0.5	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	141	-	155	-	-
HCM Lane V/C Ratio	0.19	-	0.219	-	-
HCM Control Delay (s)	36.4	-	34.6	-	-
HCM Lane LOS	E	-	D	-	-
HCM 95th %tile Q(veh)	0.7	-	0.8	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	8	39	8	1981	1815	9
Future Vol, veh/h	8	39	8	1981	1815	9
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	100	-	-	-
Veh in Median Storage, #	1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	12	5	0	4	5	0
Mvmt Flow	8	41	8	2085	1911	9

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2766	960	1920	0	-	0
Stage 1	1916	-	-	-	-	-
Stage 2	850	-	-	-	-	-
Critical Hdwy	5.94	7.2	5.3	-	-	-
Critical Hdwy Stg 1	6.84	-	-	-	-	-
Critical Hdwy Stg 2	6.24	-	-	-	-	-
Follow-up Hdwy	3.92	3.95	3.1	-	-	-
Pot Cap-1 Maneuver	30	216	141	-	-	-
Stage 1	57	-	-	-	-	-
Stage 2	323	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	28	216	141	-	-	-
Mov Cap-2 Maneuver	47	-	-	-	-	-
Stage 1	54	-	-	-	-	-
Stage 2	323	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	46.8	0.1	0
HCM LOS	E		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	141	-	134	-	-
HCM Lane V/C Ratio	0.06	-	0.369	-	-
HCM Control Delay (s)	32.1	-	46.8	-	-
HCM Lane LOS	D	-	E	-	-
HCM 95th %tile Q(veh)	0.2	-	1.5	-	-

Intersection	
Int Delay, s/veh	0.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	33	31	1904	1756	5
Future Vol, veh/h	0	33	31	1904	1756	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	Yield	-	None	-	None
Storage Length	-	0	125	-	-	-
Veh in Median Storage, #	1	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	0	0	0	4	5	0
Mvmt Flow	0	35	33	2004	1848	5

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	927	1853	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	7.1	5.3	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.9	3.1	-	-	-
Pot Cap-1 Maneuver	0	235	152	-	-	-
Stage 1	0	-	-	-	-	-
Stage 2	0	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	235	152	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	23	0.6	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	152	-	235	-	-
HCM Lane V/C Ratio	0.215	-	0.148	-	-
HCM Control Delay (s)	35	-	23	-	-
HCM Lane LOS	E	-	C	-	-
HCM 95th %tile Q(veh)	0.8	-	0.5	-	-

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	24	3	13	51	0	109	0	1867	32	21	1713	0
Future Volume (vph)	24	3	13	51	0	109	0	1867	32	21	1713	0
Satd. Flow (prot)	0	1818	1615	1626	0	1509	0	4973	0	1357	4940	0
Flt Permitted		0.957		0.738						0.070		
Satd. Flow (perm)	0	1818	1615	1263	0	1509	0	4973	0	100	4940	0
Satd. Flow (RTOR)			55			116		3				
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles (%)	0%	0%	0%	11%	0%	7%	0%	4%	3%	33%	5%	0%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	29	14	54	0	116	0	2020	0	22	1822	0
Turn Type	Perm	NA	Perm	Perm		Perm		NA		pm+pt	NA	
Protected Phases		8						2		1	6	
Permitted Phases	8		8	4		4				6		
Detector Phase	8	8	8	4		4		2		1	6	
Switch Phase												
Minimum Initial (s)	1.0	1.0	1.0	8.0		8.0		18.0		5.0	18.0	
Minimum Split (s)	24.0	24.0	24.0	25.3		25.3		50.0		20.0	45.0	
Total Split (s)	37.0	37.0	37.0	37.0		37.0		121.0		22.0	143.0	
Total Split (%)	20.6%	20.6%	20.6%	20.6%		20.6%		67.2%		12.2%	79.4%	
Yellow Time (s)	3.0	3.0	3.0	4.3		4.3		4.3		3.0	4.3	
All-Red Time (s)	3.0	3.0	3.0	3.0		3.0		1.8		3.0	1.8	
Lost Time Adjust (s)		0.0	0.0	0.0		0.0		0.0		0.0	0.0	
Total Lost Time (s)		6.0	6.0	7.3		7.3		6.1		6.0	6.1	
Lead/Lag								Lag		Lead		
Lead-Lag Optimize?								Yes		Yes		
Recall Mode	None	None	None	None		None		Min		None	Min	
Act Effct Green (s)		11.9	11.9	10.5		10.5		50.9		54.9	54.8	
Actuated g/C Ratio		0.15	0.15	0.13		0.13		0.64		0.69	0.69	
v/c Ratio		0.11	0.05	0.33		0.39		0.63		0.13	0.54	
Control Delay		36.7	0.3	42.7		12.4		10.5		5.3	6.4	
Queue Delay		0.0	0.0	0.0		0.0		0.0		0.0	0.0	
Total Delay		36.7	0.3	42.7		12.4		10.5		5.3	6.4	
LOS		D	A	D		B		B		A	A	
Approach Delay		24.8			22.0			10.5			6.4	
Approach LOS		C			C			B			A	
Queue Length 50th (ft)		12	0	23		0		148		3	126	
Queue Length 95th (ft)		46	0	75		52		350		10	192	
Internal Link Dist (ft)		63			218			24			668	
Turn Bay Length (ft)						100				120		
Base Capacity (vph)		751	699	499		667		4973		337	4940	
Starvation Cap Reductn		0	0	0		0		0		0	0	
Spillback Cap Reductn		0	0	0		0		0		0	0	
Storage Cap Reductn		0	0	0		0		0		0	0	
Reduced v/c Ratio		0.04	0.02	0.11		0.17		0.41		0.07	0.37	

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 79.5
Natural Cycle: 100

Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.63	
Intersection Signal Delay: 9.3	Intersection LOS: A
Intersection Capacity Utilization 63.0%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 10: Hwy 21/Augusta Rd & BoA Driveway/Brampton Rd

HCM 2010 Research does not support Non-NEMA phasing.

Intersection	
Int Delay, s/veh	2.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	0	26	3	0	1	24	1996	0	0	1751	17
Future Vol, veh/h	20	0	26	3	0	1	24	1996	0	0	1751	17
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	50	-	-	50	-	-
Veh in Median Storage, #	-	1	-	-	1	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	5	0	0	0	0	0	0	4	0	0	6	0
Mvmt Flow	21	0	28	3	0	1	26	2123	0	0	1863	18

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2773	4047	941	2920	4056	1062	1881	0	0	2123	0	0
Stage 1	1872	1872	-	2175	2175	-	-	-	-	-	-	-
Stage 2	901	2175	-	745	1881	-	-	-	-	-	-	-
Critical Hdwy	6.5	6.5	7.1	6.4	6.5	7.1	5.3	-	-	5.3	-	-
Critical Hdwy Stg 1	7.4	5.5	-	7.3	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.8	5.5	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.85	4	3.9	3.8	4	3.9	3.1	-	-	3.1	-	-
Pot Cap-1 Maneuver	~ 20	3	230	17	3	191	147	-	-	111	-	-
Stage 1	46	123	-	29	86	-	-	-	-	-	-	-
Stage 2	266	86	-	342	121	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 17	2	230	13	2	191	147	-	-	111	-	-
Mov Cap-2 Maneuver	33	42	-	22	38	-	-	-	-	-	-	-
Stage 1	38	123	-	24	71	-	-	-	-	-	-	-
Stage 2	218	71	-	301	121	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	157.2	155.4	0.4	0
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	147	-	-	64	28	111	-	-
HCM Lane V/C Ratio	0.174	-	-	0.765	0.152	-	-	-
HCM Control Delay (s)	34.6	-	-	157.2	155.4	0	-	-
HCM Lane LOS	D	-	-	F	F	A	-	-
HCM 95th %tile Q(veh)	0.6	-	-	3.4	0.5	0	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection	
Int Delay, s/veh	2.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	25	40	1954	47	24	1755
Future Vol, veh/h	25	40	1954	47	24	1755
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	100	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	0	0	4	0	4	6
Mvmt Flow	27	43	2079	50	26	1867

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2903	1065	0	0	2129	0
Stage 1	2104	-	-	-	-	-
Stage 2	799	-	-	-	-	-
Critical Hdwy	5.7	7.1	-	-	5.38	-
Critical Hdwy Stg 1	6.6	-	-	-	-	-
Critical Hdwy Stg 2	6	-	-	-	-	-
Follow-up Hdwy	3.8	3.9	-	-	3.14	-
Pot Cap-1 Maneuver	31	190	-	-	105	-
Stage 1	50	-	-	-	-	-
Stage 2	370	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	~ 23	190	-	-	105	-
Mov Cap-2 Maneuver	43	-	-	-	-	-
Stage 1	50	-	-	-	-	-
Stage 2	278	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	147.4	0	0.7
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	82	105	-
HCM Lane V/C Ratio	-	-	0.843	0.243	-
HCM Control Delay (s)	-	-	147.4	50	-
HCM Lane LOS	-	-	F	E	-
HCM 95th %tile Q(veh)	-	-	4.4	0.9	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection	
Int Delay, s/veh	2.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	17	0	49	10	0	3	37	1956	2	0	1728	22
Future Vol, veh/h	17	0	49	10	0	3	37	1956	2	0	1728	22
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	0	-	-	-	150	-	-	150	-	-
Veh in Median Storage, #	-	1	-	-	1	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	5	0	8	0	0	0	2	4	0	0	5	0
Mvmt Flow	18	0	52	11	0	3	39	2059	2	0	1819	23

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2733	-	921	2866	3980	1031	1842	0	0	2061	0	0
Stage 1	1831	-	-	2138	2138	-	-	-	-	-	-	-
Stage 2	902	-	-	728	1842	-	-	-	-	-	-	-
Critical Hdwy	6.5	-	7.26	6.4	6.5	7.1	5.34	-	-	5.3	-	-
Critical Hdwy Stg 1	7.4	-	-	7.3	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.8	-	-	6.7	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.85	-	3.98	3.8	4	3.9	3.12	-	-	3.1	-	-
Pot Cap-1 Maneuver	21	0	225	18	3	201	150	-	-	119	-	-
Stage 1	49	0	-	31	90	-	-	-	-	-	-	-
Stage 2	265	0	-	350	127	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 17	-	225	11	2	201	150	-	-	119	-	-
Mov Cap-2 Maneuver	31	-	-	20	36	-	-	-	-	-	-	-
Stage 1	36	-	-	23	67	-	-	-	-	-	-	-
Stage 2	193	-	-	270	127	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	76.8	261.3	0.7	0
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	150	-	-	31	225	25	119	-	-
HCM Lane V/C Ratio	0.26	-	-	0.577	0.229	0.547	-	-	-
HCM Control Delay (s)	37.2	-	-	224	25.7	261.3	0	-	-
HCM Lane LOS	E	-	-	F	D	F	A	-	-
HCM 95th %tile Q(veh)	1	-	-	1.9	0.9	1.7	0	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	7	0	8	6	0	2	8	1922	2	0	1721	5
Future Vol, veh/h	7	0	8	6	0	2	8	1922	2	0	1721	5
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	100	-	-	100	-	-
Veh in Median Storage, #	-	1	-	-	1	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	0	0	0	16	0	0	0	4	0	0	5	0
Mvmt Flow	7	0	8	6	0	2	8	2023	2	0	1812	5

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2640	3856	909	2765	3857	1013	1817	0	0	2025	0	0
Stage 1	1815	1815	-	2040	2040	-	-	-	-	-	-	-
Stage 2	825	2041	-	725	1817	-	-	-	-	-	-	-
Critical Hdwy	6.4	6.5	7.1	6.72	6.5	7.1	5.3	-	-	5.3	-	-
Critical Hdwy Stg 1	7.3	5.5	-	7.62	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.7	5.5	-	7.02	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.8	4	3.9	3.96	4	3.9	3.1	-	-	3.1	-	-
Pot Cap-1 Maneuver	26	4	242	17	4	206	158	-	-	124	-	-
Stage 1	54	131	-	30	101	-	-	-	-	-	-	-
Stage 2	306	101	-	321	131	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	25	4	242	16	4	206	158	-	-	124	-	-
Mov Cap-2 Maneuver	44	52	-	25	51	-	-	-	-	-	-	-
Stage 1	51	131	-	28	96	-	-	-	-	-	-	-
Stage 2	288	96	-	310	131	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	62.5	153.7	0.1	0
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	158	-	-	78	32	124	-	-
HCM Lane V/C Ratio	0.053	-	-	0.202	0.263	-	-	-
HCM Control Delay (s)	29.1	-	-	62.5	153.7	0	-	-
HCM Lane LOS	D	-	-	F	F	A	-	-
HCM 95th %tile Q(veh)	0.2	-	-	0.7	0.8	0	-	-

Intersection	
Int Delay, s/veh	1.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	20	21	1896	45	17	1697
Future Vol, veh/h	20	21	1896	45	17	1697
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	150	-
Veh in Median Storage, #	1	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	0	0	4	0	5	5
Mvmt Flow	21	22	1996	47	18	1786

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2770	1022	0	0	2043	0
Stage 1	2020	-	-	-	-	-
Stage 2	750	-	-	-	-	-
Critical Hdwy	5.7	7.1	-	-	5.4	-
Critical Hdwy Stg 1	6.6	-	-	-	-	-
Critical Hdwy Stg 2	6	-	-	-	-	-
Follow-up Hdwy	3.8	3.9	-	-	3.15	-
Pot Cap-1 Maneuver	36	203	-	-	115	-
Stage 1	56	-	-	-	-	-
Stage 2	393	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	30	203	-	-	115	-
Mov Cap-2 Maneuver	49	-	-	-	-	-
Stage 1	56	-	-	-	-	-
Stage 2	331	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	93.6	0	0.4
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	80	115	-
HCM Lane V/C Ratio	-	-	0.539	0.156	-
HCM Control Delay (s)	-	-	93.6	42	-
HCM Lane LOS	-	-	F	E	-
HCM 95th %tile Q(veh)	-	-	2.3	0.5	-

Intersection	
Int Delay, s/veh	2.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	19	0	41	3	0	3	46	1824	5	5	1676	33
Future Vol, veh/h	19	0	41	3	0	3	46	1824	5	5	1676	33
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	100	-	-	100	-	-
Veh in Median Storage, #	-	1	-	-	1	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	0	0	0	33	0	0	2	4	0	0	5	3
Mvmt Flow	20	0	43	3	0	3	48	1920	5	5	1764	35

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2656	3813	900	2735	3828	963	1799	0	0	1925	0	0
Stage 1	1792	1792	-	2019	2019	-	-	-	-	-	-	-
Stage 2	864	2021	-	716	1809	-	-	-	-	-	-	-
Critical Hdwy	6.4	6.5	7.1	7.06	6.5	7.1	5.34	-	-	5.3	-	-
Critical Hdwy Stg 1	7.3	5.5	-	7.96	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.7	5.5	-	7.36	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.8	4	3.9	4.13	4	3.9	3.12	-	-	3.1	-	-
Pot Cap-1 Maneuver	25	4	245	13	4	223	158	-	-	140	-	-
Stage 1	56	134	-	26	103	-	-	-	-	-	-	-
Stage 2	289	103	-	296	132	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 18	3	245	8	3	223	158	-	-	140	-	-
Mov Cap-2 Maneuver	34	41	-	16	36	-	-	-	-	-	-	-
Stage 1	39	129	-	18	72	-	-	-	-	-	-	-
Stage 2	198	72	-	235	127	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	127.8	154.5	0.9	0.1
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	158	-	-	83	30	140	-	-
HCM Lane V/C Ratio	0.306	-	-	0.761	0.211	0.038	-	-
HCM Control Delay (s)	37.5	-	-	127.8	154.5	31.7	-	-
HCM Lane LOS	E	-	-	F	F	D	-	-
HCM 95th %tile Q(veh)	1.2	-	-	3.8	0.7	0.1	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	45	23	1726	92	24	1659
Future Volume (vph)	45	23	1726	92	24	1659
Satd. Flow (prot)	1805	1615	3471	1615	1805	4940
Flt Permitted	0.950				0.068	
Satd. Flow (perm)	1805	1615	3471	1615	129	4940
Satd. Flow (RTOR)		24		94		
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles (%)	0%	0%	4%	0%	0%	5%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	48	24	1836	98	26	1765
Turn Type	Prot	Perm	NA	Perm	pm+pt	NA
Protected Phases	4		2		1	6
Permitted Phases		4		2	6	
Detector Phase	4	4	2	2	1	6
Switch Phase						
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0
Minimum Split (s)	25.0	25.0	23.8	23.8	10.6	23.8
Total Split (s)	26.0	26.0	143.0	143.0	11.0	154.0
Total Split (%)	14.4%	14.4%	79.4%	79.4%	6.1%	85.6%
Yellow Time (s)	4.0	4.0	4.3	4.3	3.0	4.3
All-Red Time (s)	3.0	3.0	1.5	1.5	2.6	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	5.8	5.8	5.6	5.8
Lead/Lag			Lag	Lag	Lead	
Lead-Lag Optimize?			Yes	Yes	Yes	
Recall Mode	None	None	Min	Min	None	Min
Act Effct Green (s)	8.9	8.9	67.9	67.9	71.2	73.4
Actuated g/C Ratio	0.10	0.10	0.76	0.76	0.80	0.82
v/c Ratio	0.27	0.13	0.69	0.08	0.12	0.43
Control Delay	50.3	20.6	10.6	1.4	3.5	3.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	50.3	20.6	10.6	1.4	3.5	3.6
LOS	D	C	B	A	A	A
Approach Delay	40.4		10.1			3.6
Approach LOS	D		B			A
Queue Length 50th (ft)	29	0	372	1	3	105
Queue Length 95th (ft)	77	27	505	16	8	148
Internal Link Dist (ft)	310		1317			123
Turn Bay Length (ft)		185			100	
Base Capacity (vph)	440	411	3471	1615	219	4940
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.11	0.06	0.53	0.06	0.12	0.36

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 89.2
Natural Cycle: 90

Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.69	
Intersection Signal Delay: 7.6	Intersection LOS: A
Intersection Capacity Utilization 62.5%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 17: Hwy 21/Augusta Rd & Smith Ave

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	45	23	1726	92	24	1659
Future Volume (veh/h)	45	23	1726	92	24	1659
Number	7	14	2	12	1	6
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1900	1900	1827	1900	1900	1810
Adj Flow Rate, veh/h	48	24	1836	98	26	1765
Adj No. of Lanes	1	1	2	1	1	3
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	0	0	4	0	0	5
Cap, veh/h	70	62	2810	1308	230	4305
Arrive On Green	0.04	0.04	0.81	0.81	0.02	0.87
Sat Flow, veh/h	1810	1615	3563	1615	1810	5103
Grp Volume(v), veh/h	48	24	1836	98	26	1765
Grp Sat Flow(s),veh/h/ln	1810	1615	1736	1615	1810	1647
Q Serve(g_s), s	3.7	2.1	30.4	1.8	0.3	10.2
Cycle Q Clear(g_c), s	3.7	2.1	30.4	1.8	0.3	10.2
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	70	62	2810	1308	230	4305
V/C Ratio(X)	0.69	0.38	0.65	0.07	0.11	0.41
Avail Cap(c_a), veh/h	241	215	3343	1556	258	5139
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	67.6	66.8	5.5	2.7	5.9	1.8
Incr Delay (d2), s/veh	11.3	3.8	0.4	0.0	0.2	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.1	1.0	14.4	0.8	0.3	4.6
LnGrp Delay(d),s/veh	78.9	70.7	5.8	2.8	6.1	1.9
LnGrp LOS	E	E	A	A	A	A
Approach Vol, veh/h	72		1934			1791
Approach Delay, s/veh	76.1		5.7			2.0
Approach LOS	E		A			A

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2		4		6		
Phs Duration (G+Y+Rc), s	8.8	121.1		12.5		129.9		
Change Period (Y+Rc), s	5.6	5.8		7.0		5.8		
Max Green Setting (Gmax), s	5.4	137.2		19.0		148.2		
Max Q Clear Time (g_c+I1), s	2.3	32.4		5.7		12.2		
Green Ext Time (p_c), s	0.0	82.9		0.1		100.9		

Intersection Summary	
HCM 2010 Ctrl Delay	5.3
HCM 2010 LOS	A

Intersection	
Int Delay, s/veh	0.5

Movement	WBL	WBR	NBU	NBT	NBR	SBL	SBT
Lane Configurations							
Traffic Vol, veh/h	14	38	0	1704	22	43	1631
Future Vol, veh/h	14	38	0	1704	22	43	1631
Conflicting Peds, #/hr	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free	Free
RT Channelized	-	Yield	-	-	None	-	None
Storage Length	0	-	150	-	150	275	-
Veh in Median Storage, #	1	-	-	0	-	-	0
Grade, %	0	-	-	0	-	-	0
Peak Hour Factor	94	94	92	94	94	94	94
Heavy Vehicles, %	0	10	2	4	9	6	5
Mvmt Flow	15	40	0	1813	23	46	1735

Major/Minor	Minor1		Major1			Major2	
Conflicting Flow All	2773	907	1735	0	0	1836	0
Stage 1	1813	-	-	-	-	-	-
Stage 2	960	-	-	-	-	-	-
Critical Hdwy	6.8	7.1	6.44	-	-	4.22	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-	-
Follow-up Hdwy	3.5	3.4	2.52	-	-	2.26	-
Pot Cap-1 Maneuver	16	263	111	-	-	312	-
Stage 1	118	-	-	-	-	-	-
Stage 2	337	-	-	-	-	-	-
Platoon blocked, %				-	-		-
Mov Cap-1 Maneuver	~ 14	263	111	-	-	312	-
Mov Cap-2 Maneuver	82	-	-	-	-	-	-
Stage 1	118	-	-	-	-	-	-
Stage 2	287	-	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	19.4	0	0.5
HCM LOS	C		

Minor Lane/Major Mvmt	NBU	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	111	-	-	305	312	-
HCM Lane V/C Ratio	-	-	-	0.181	0.147	-
HCM Control Delay (s)	0	-	-	19.4	18.5	-
HCM Lane LOS	A	-	-	C	C	-
HCM 95th %tile Q(veh)	0	-	-	0.7	0.5	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	269	194	386	303	226	33	143	1264	303	22	1093	139
Future Volume (vph)	269	194	386	303	226	33	143	1264	303	22	1093	139
Satd. Flow (prot)	3019	2983	1583	3155	2201	1137	3213	3471	1583	2968	3471	1170
Flt Permitted	0.950			0.950			0.950			0.950		
Satd. Flow (perm)	3019	2983	1583	3155	2201	1137	3213	3471	1583	2968	3471	1170
Satd. Flow (RTOR)			119			165			302			163
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles (%)	16%	21%	2%	11%	64%	42%	9%	4%	2%	18%	4%	38%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	289	209	415	326	243	35	154	1359	326	24	1175	149
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	1	6		5	2		3	8		7	4	
Permitted Phases			6			2			8			4
Detector Phase	1	6	6	5	2	2	3	8	8	7	4	4
Switch Phase												
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Minimum Split (s)	12.7	24.7	24.7	13.0	24.7	24.7	12.4	25.1	25.1	12.5	25.1	25.1
Total Split (s)	39.8	54.5	54.5	27.0	41.7	41.7	18.6	86.0	86.0	12.5	79.9	79.9
Total Split (%)	22.1%	30.3%	30.3%	15.0%	23.2%	23.2%	10.3%	47.8%	47.8%	6.9%	44.4%	44.4%
Yellow Time (s)	4.7	4.3	4.3	5.0	4.3	4.3	4.4	4.3	4.3	4.5	4.3	4.3
All-Red Time (s)	3.0	2.4	2.4	3.0	2.4	2.4	3.0	2.8	2.8	3.0	2.8	2.8
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.7	6.7	6.7	8.0	6.7	6.7	7.4	7.1	7.1	7.5	7.1	7.1
Lead/Lag	Lead	Lag	Lag	Lead	Lag	Lag	Lead	Lag	Lag	Lead	Lag	Lag
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	C-Min	C-Min	None	C-Min	C-Min	None	Min	Min	None	Min	Min
Act Effct Green (s)	22.5	48.8	48.8	21.1	47.7	47.7	12.0	80.5	80.5	5.7	69.0	69.0
Actuated g/C Ratio	0.12	0.27	0.27	0.12	0.26	0.26	0.07	0.45	0.45	0.03	0.38	0.38
v/c Ratio	0.77	0.26	0.81	0.88	0.42	0.08	0.72	0.88	0.37	0.26	0.88	0.27
Control Delay	89.6	53.2	56.7	101.4	59.5	0.4	100.9	52.9	5.3	92.2	60.5	4.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	89.6	53.2	56.7	101.4	59.5	0.4	100.9	52.9	5.3	92.2	60.5	4.4
LOS	F	D	E	F	E	A	F	D	A	F	E	A
Approach Delay		66.3			78.7			48.5			54.8	
Approach LOS		E			E			D			D	
Queue Length 50th (ft)	173	107	358	200	132	0	92	764	16	14	655	0
Queue Length 95th (ft)	222	144	#499	#310	186	0	#152	883	82	33	753	38
Internal Link Dist (ft)		650			894			1533			2600	
Turn Bay Length (ft)	550		300	200		725	275		440	625		485
Base Capacity (vph)	538	827	524	369	582	422	216	1556	876	94	1404	570
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.54	0.25	0.79	0.88	0.42	0.08	0.71	0.87	0.37	0.26	0.84	0.26

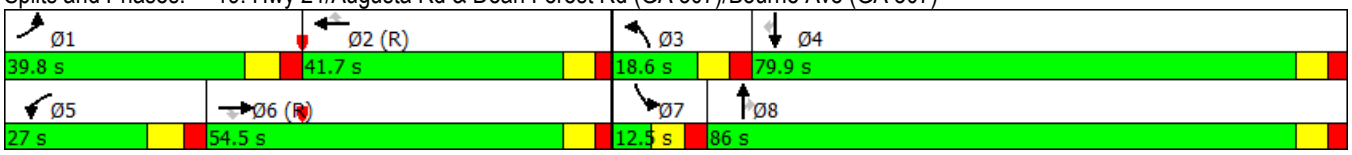
Intersection Summary

Cycle Length: 180
Actuated Cycle Length: 180
Offset: 0 (0%), Referenced to phase 2:WBT and 6:EBT, Start of Green

Natural Cycle: 100	
Control Type: Actuated-Coordinated	
Maximum v/c Ratio: 0.88	
Intersection Signal Delay: 57.7	Intersection LOS: E
Intersection Capacity Utilization 79.8%	ICU Level of Service D
Analysis Period (min) 15	

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 19: Hwy 21/Augusta Rd & Dean Forest Rd (GA 307)/Bourne Ave (GA 307)



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	269	194	386	303	226	33	143	1264	303	22	1093	139
Future Volume (veh/h)	269	194	386	303	226	33	143	1264	303	22	1093	139
Number	1	6	16	5	2	12	3	8	18	7	4	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1638	1570	1863	1712	1159	1338	1743	1827	1863	1610	1827	1377
Adj Flow Rate, veh/h	289	209	0	326	243	35	154	1359	0	24	1175	0
Adj No. of Lanes	2	2	1	2	2	1	2	2	1	2	2	1
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	16	21	2	11	64	42	9	4	2	18	4	38
Cap, veh/h	331	841	446	334	616	318	189	1494	681	58	1360	458
Arrive On Green	0.11	0.28	0.00	0.11	0.28	0.28	0.06	0.43	0.00	0.02	0.39	0.00
Sat Flow, veh/h	3026	2983	1583	3163	2201	1137	3221	3471	1583	2975	3471	1170
Grp Volume(v), veh/h	289	209	0	326	243	35	154	1359	0	24	1175	0
Grp Sat Flow(s),veh/h/ln	1513	1492	1583	1581	1101	1137	1610	1736	1583	1487	1736	1170
Q Serve(g_s), s	16.9	9.7	0.0	18.5	16.1	4.1	8.5	66.0	0.0	1.4	56.0	0.0
Cycle Q Clear(g_c), s	16.9	9.7	0.0	18.5	16.1	4.1	8.5	66.0	0.0	1.4	56.0	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	331	841	446	334	616	318	189	1494	681	58	1360	458
V/C Ratio(X)	0.87	0.25	0.00	0.98	0.39	0.11	0.82	0.91	0.00	0.42	0.86	0.00
Avail Cap(c_a), veh/h	540	841	446	334	616	318	200	1522	694	83	1404	473
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	78.9	49.9	0.0	80.3	52.5	48.2	83.8	48.0	0.0	87.2	50.3	0.0
Incr Delay (d2), s/veh	8.7	0.7	0.0	42.8	1.9	0.7	21.5	8.4	0.0	4.7	5.7	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.5	4.1	0.0	10.1	5.1	1.4	4.3	33.3	0.0	0.6	28.0	0.0
LnGrp Delay(d),s/veh	87.6	50.6	0.0	123.1	54.4	48.9	105.3	56.4	0.0	91.9	56.1	0.0
LnGrp LOS	F	D		F	D	D	F	E		F	E	
Approach Vol, veh/h		498			604			1513			1199	
Approach Delay, s/veh		72.1			91.1			61.4			56.8	
Approach LOS		E			F			E			E	

Timer	1	2	3	4	5	6	7	8
Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	27.4	57.0	17.9	77.6	27.0	57.5	11.0	84.6
Change Period (Y+Rc), s	7.7	6.7	7.4	* 7.1	8.0	6.7	7.5	* 7.1
Max Green Setting (Gmax), s	32.1	35.0	11.2	* 73	19.0	47.8	5.0	* 79
Max Q Clear Time (g_c+I1), s	18.9	18.1	10.5	58.0	20.5	11.7	3.4	68.0
Green Ext Time (p_c), s	0.8	2.6	0.0	12.4	0.0	3.1	0.0	9.5

Intersection Summary	
HCM 2010 Ctrl Delay	66.0
HCM 2010 LOS	E

Notes

* HCM 2010 computational engine requires equal clearance times for the phases crossing the barrier.

Lane Group	WBL	WBR	NBU	NBT	NBR	SBL	SBT
Lane Configurations							
Traffic Volume (vph)	81	68	0	1612	53	15	1092
Future Volume (vph)	81	68	0	1612	53	15	1092
Satd. Flow (prot)	1421	1282	1863	3406	1262	1357	3374
Flt Permitted	0.950					0.074	
Satd. Flow (perm)	1421	1282	1863	3406	1262	106	3374
Satd. Flow (RTOR)		72			43		
Peak Hour Factor	0.94	0.94	0.92	0.94	0.94	0.94	0.94
Heavy Vehicles (%)	27%	26%	2%	6%	28%	33%	7%
Shared Lane Traffic (%)							
Lane Group Flow (vph)	86	72	0	1715	56	16	1162
Turn Type	Prot	Perm	Perm	NA	Perm	pm+pt	NA
Protected Phases	8			6		5	2
Permitted Phases		8	6		6	2	
Detector Phase	8	8	6	6	6	5	2
Switch Phase							
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Minimum Split (s)	24.5	24.5	24.1	24.1	24.1	11.3	24.1
Total Split (s)	33.0	33.0	135.7	135.7	135.7	11.3	147.0
Total Split (%)	18.3%	18.3%	75.4%	75.4%	75.4%	6.3%	81.7%
Yellow Time (s)	3.5	3.5	4.6	4.6	4.6	3.3	4.6
All-Red Time (s)	3.0	3.0	1.5	1.5	1.5	3.0	1.5
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.5	6.5	6.1	6.1	6.1	6.3	6.1
Lead/Lag			Lag	Lag	Lag	Lead	
Lead-Lag Optimize?			Yes	Yes	Yes	Yes	
Recall Mode	None	None	Min	Min	Min	None	Min
Act Effct Green (s)	12.1	12.1		64.0	64.0	67.3	67.6
Actuated g/C Ratio	0.13	0.13		0.69	0.69	0.72	0.73
v/c Ratio	0.47	0.31		0.73	0.06	0.11	0.47
Control Delay	52.0	15.3		12.5	2.9	5.1	5.9
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0
Total Delay	52.0	15.3		12.5	2.9	5.1	5.9
LOS	D	B		B	A	A	A
Approach Delay	35.3			12.2			5.9
Approach LOS	D			B			A
Queue Length 50th (ft)	44	0		231	2	2	118
Queue Length 95th (ft)	124	46		549	17	8	197
Internal Link Dist (ft)	442			530			572
Turn Bay Length (ft)		185			215	160	
Base Capacity (vph)	431	438		3396	1258	148	3374
Starvation Cap Reductn	0	0		0	0	0	0
Spillback Cap Reductn	0	0		0	0	0	0
Storage Cap Reductn	0	0		0	0	0	0
Reduced v/c Ratio	0.20	0.16		0.51	0.04	0.11	0.34

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 93.1
Natural Cycle: 90

Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.73	
Intersection Signal Delay: 11.0	Intersection LOS: B
Intersection Capacity Utilization 59.5%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 20: Hwy 21/Augusta Rd & Grange Rd

HCM 2010 cannot analyze U-Turning movements.

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	0	0	0	0
Future Volume (vph)	0	0	0	0	0	0
Satd. Flow (prot)	3614	1863	0	3539	3539	1863
Flt Permitted						
Satd. Flow (perm)	3614	1863	0	3539	3539	1863
Satd. Flow (RTOR)						
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	0	0	0
Turn Type	Prot	Perm				Perm
Protected Phases	4			2	6	
Permitted Phases		4	2			6
Detector Phase	4	4	2	2	6	6
Switch Phase						
Minimum Initial (s)	5.0	5.0	5.0	5.0	5.0	5.0
Minimum Split (s)	22.5	22.5	22.5	22.5	22.5	22.5
Total Split (s)	62.0	62.0	118.0	118.0	118.0	118.0
Total Split (%)	34.4%	34.4%	65.6%	65.6%	65.6%	65.6%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	1.0	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0
Total Lost Time (s)	4.5	4.5		4.5	4.5	4.5
Lead/Lag						
Lead-Lag Optimize?						
Recall Mode	None	None	Max	Max	Max	Max
Act Effct Green (s)						
Actuated g/C Ratio						
v/c Ratio						
Control Delay						
Queue Delay						
Total Delay						
LOS						
Approach Delay						
Approach LOS						
Queue Length 50th (ft)						
Queue Length 95th (ft)						
Internal Link Dist (ft)	316			242	212	
Turn Bay Length (ft)						
Base Capacity (vph)						
Starvation Cap Reductn						
Spillback Cap Reductn						
Storage Cap Reductn						
Reduced v/c Ratio						

Intersection Summary
Cycle Length: 180
Actuated Cycle Length: 120
Natural Cycle: 45
Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.00	
Intersection Signal Delay: 0.0	Intersection LOS: A
Intersection Capacity Utilization 0.0%	ICU Level of Service A
Analysis Period (min) 15	

Splits and Phases: 54: Main St & Burnsed Blvd (GA 25)

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	0	0	0	0	0	0
Future Volume (veh/h)	0	0	0	0	0	0
Number	7	14	5	2	6	16
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00			1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1863
Adj Flow Rate, veh/h	0	0	0	0	0	0
Adj No. of Lanes	2	1	0	2	2	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	9999	9999	0	9999	9999	9999
Arrive On Green	0.00	0.00	0.00	0.00	0.00	0.00
Sat Flow, veh/h	3442	1583	0	-81961	-82054	1583
Grp Volume(v), veh/h	0	0	0	0	0	0
Grp Sat Flow(s),veh/h/ln	1721	1583	0	1770	1770	1583
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.0	0.0	0.0	0.0	0.0	0.0
Prop In Lane	1.00	1.00	0.00			1.00
Lane Grp Cap(c), veh/h	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
V/C Ratio(X)	0.00	0.00	0.00	0.00	0.00	0.00
Avail Cap(c_a), veh/h	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	0.00	0.00	0.00	0.00	0.00
Uniform Delay (d), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.0	0.0	0.0	0.0
LnGrp Delay(d),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
LnGrp LOS						
Approach Vol, veh/h	0			0	0	
Approach Delay, s/veh	0.0			0.0	0.0	
Approach LOS						

Timer	1	2	3	4	5	6	7	8
Assigned Phs		2		4		6		
Phs Duration (G+Y+Rc), s		0.0		0.0		0.0		
Change Period (Y+Rc), s		4.5		4.5		4.5		
Max Green Setting (Gmax), s		113.5		57.5		113.5		
Max Q Clear Time (g_c+I1), s		0.0		0.0		0.0		
Green Ext Time (p_c), s		0.0		0.0		0.0		

Intersection Summary	
HCM 2010 Ctrl Delay	0.0
HCM 2010 LOS	A

SR 21 ACCESS MANAGEMENT STUDY

APPENDIX D

CORRIDOR CONCEPTUAL LAYOUT

SR 21 ACCESS MANAGEMENT STUDY CONCEPT