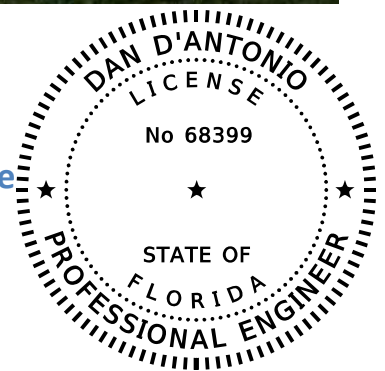




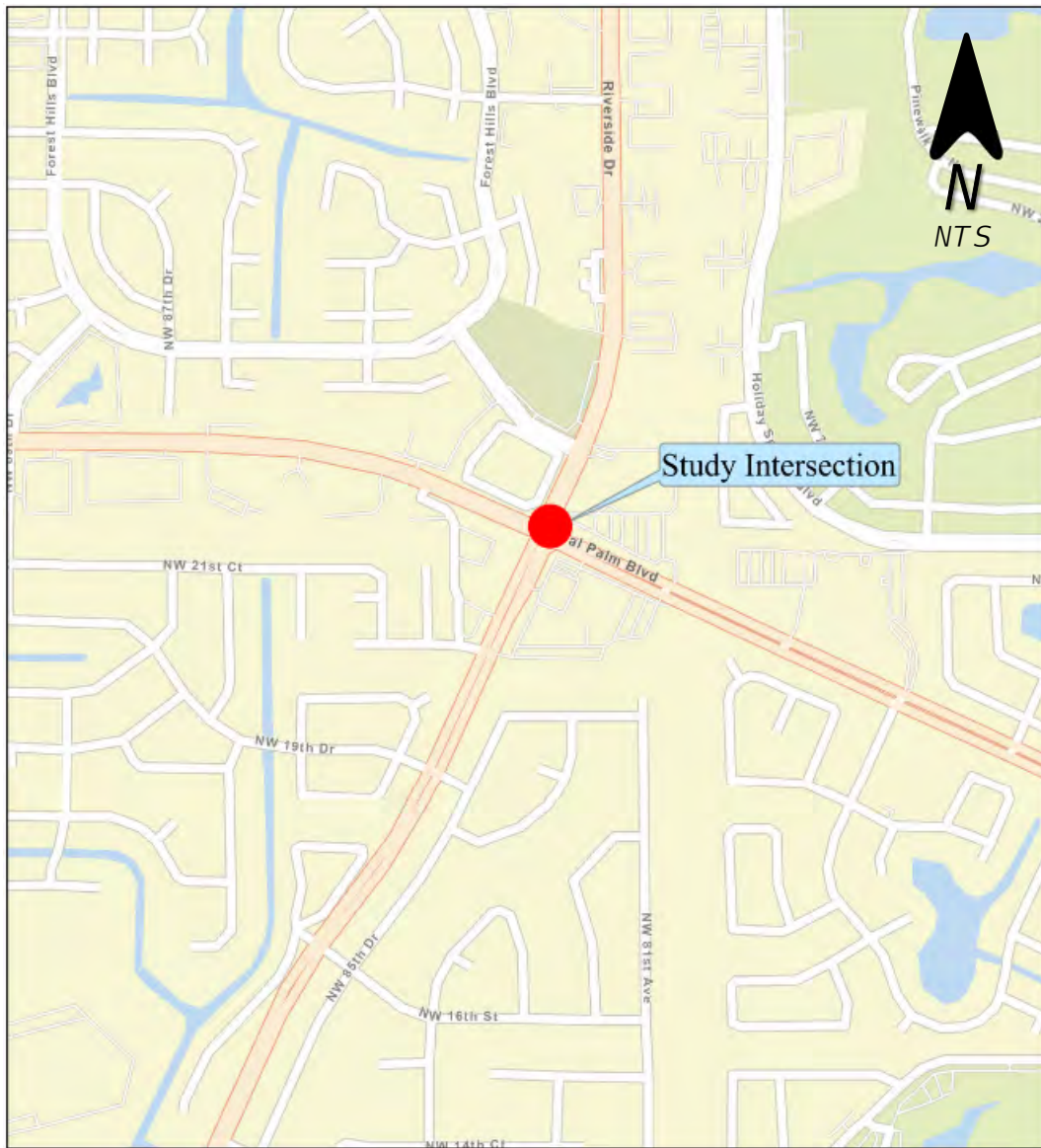
**Road Safety Analysis Report**  
**For**  
**Royal Palm Boulevard at Riverside Drive**  
**Broward County**

**February 2022**



## 1.0 INTRODUCTION

The Royal Palm Boulevard at Riverside Drive signalized intersection was identified as a high-crash location in the 2045 Metropolitan Transportation Plan (MTP) and chosen for study by the Broward Metropolitan Planning Organization (BMPO). The location is in the City of Coral Springs and under the maintenance jurisdiction of Broward County. The study intersection in relation to the surrounding roadways is graphically depicted on the Location Map below.



## 2.0 EXISTING CONDITION

The characteristics of the study intersection of Royal Palm Boulevard at Riverside Drive located in the City of Coral Springs, Broward County, Florida are summarized below. An intersection condition diagram is provided in the following pages.

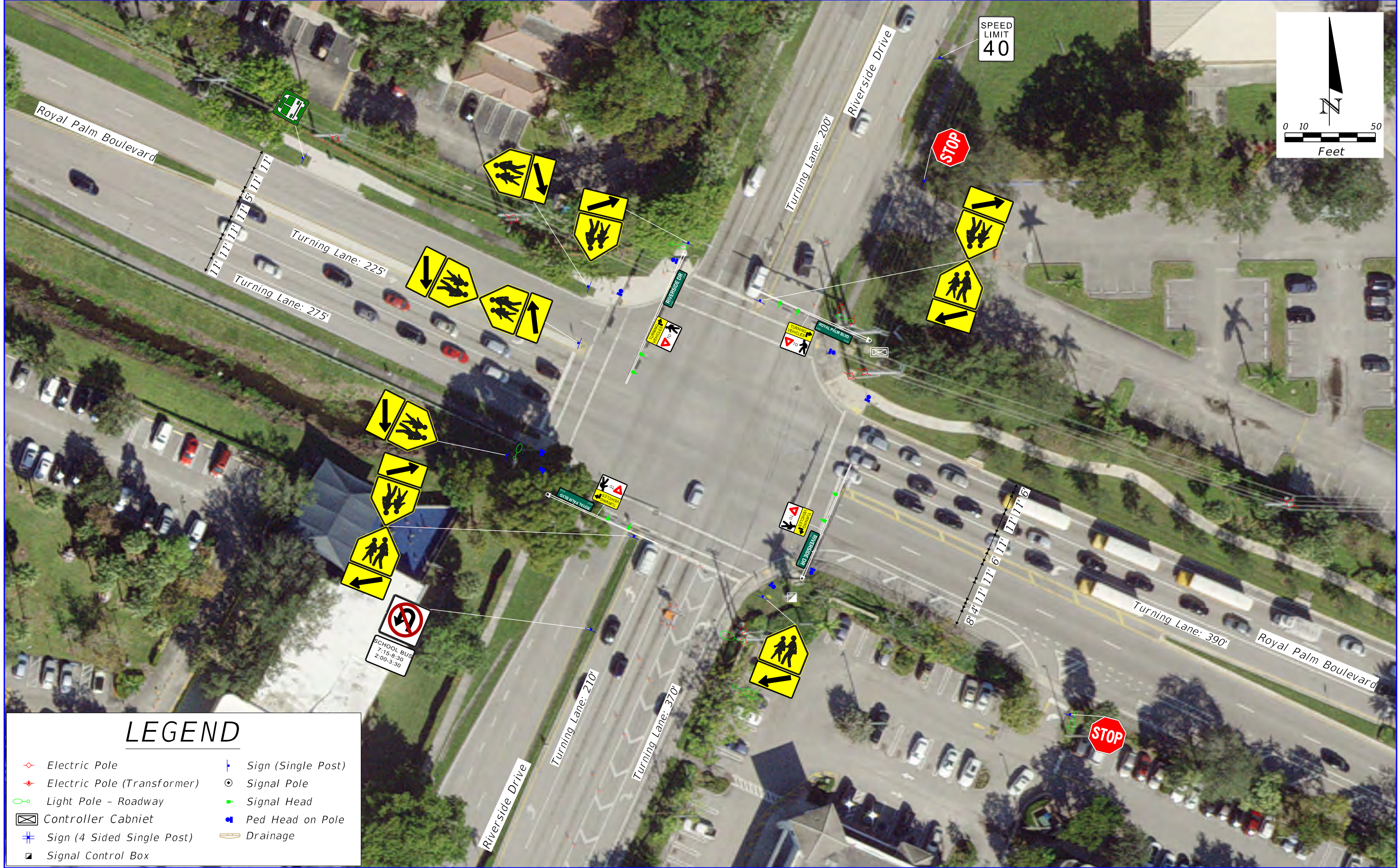
Features	Description
<b>Main Street</b>	Royal Palm Boulevard is a four-lane median-divided urban minor arterial oriented northeast-southwest.
<b>Minor Street</b>	Riverside Drive is a four-lane median-divided urban minor arterial oriented northeast-southwest.
<b>Number of Intersection Approach Lanes</b>	<p>NB Approach (Riverside Drive): One left-turn lane, two through lanes, and one right-turn lane.</p> <p>SB Approach (Riverside Drive): One left-turn lane, one through lane, and one shared through/right-turn lane.</p> <p>EB Approach (Royal Palm Boulevard): One left-turn, two through lanes and one right-turn lane.</p> <p>WB Approach (Royal Palm Boulevard): One left-turn lane, one through lane, and one shared through/right-turn lane.</p>
<b>Traffic Control</b>	Signalized intersection with mast arm poles in all corners
<b>Context Classification</b>	C4 – Urban General; Target Speed — 30 to 45 mph
<b>Posted Speeds</b>	<p>Royal Palm Boulevard: 40 mph</p> <p>Riverside Drive: 40 mph</p>
<b>Sidewalks</b>	<p>Sidewalk present along both sides Royal Palm Boulevard, west of Riverside Drive.</p> <p>Sidewalk present along both sides Royal Palm Boulevard, east of Riverside Drive.</p>



Features	Description
	<p>Sidewalk present along both sides of Riverside Drive, north of Royal Palm Boulevard.</p> <p>Sidewalk present along both sides of Riverside Drive, south of Royal Palm Boulevard.</p>
<b>Bicycle Lanes</b>	None, with the exception of a westbound receiving lane that exists for approximately 600 feet east of Riverside Drive.
<b>Pedestrian/Bicycle Generators</b>	<p>High- and medium-density residential developments along Royal Palm Boulevard and Riverside Drive.</p> <p>Somerset Academy Riverside, Forest Hills Park</p>
<b>Nearest Signalized Intersections</b>	<p>0.98 miles to the east along Royal Palm Boulevard Intersecting Rock Island Road.</p> <p>0.86 miles to the west along Royal Palm Boulevard Intersecting University Drive.</p> <p>1.00 miles to the north along Riverside Drive intersecting Sample Road.</p> <p>0.86 miles to the south along Riverside drive intersecting Shadow Wood Boulevard.</p>
<b>Roadway Lighting</b>	<p>Roadway lighting present on east sides of Riverside Boulevard, North of Royal Palm Boulevard.</p> <p>Roadway lighting present on north and south side of Royal Palm Boulevard.</p>
<b>Surrounding Development</b>	<p>Royal Palm Boulevard: High- and medium-density residential and commercial. Institutional, recreation, and places of worship.</p> <p>Riverside Drive: High- and medium-density residential.</p>
<b>Pavement, Signing &amp; Marking Condition</b>	Along Royal Palm Boulevard: Good

Features	Description
	Along Riverside Drive: Good
<b>Transit</b>	<p>Broward County Transit route 83 along Royal Palm Boulevard. WB transit stop 245 feet west of Riverside Drive and EB transit stop 220 feet east of Riverside Drive.</p> <p>Broward County Transit route 62 along Riverside Drive. NB transit stop 395 feet south of Royal Palm Boulevard, NB transit stop 585 feet north of Royal Palm Boulevard and SB transit stop 455 feet north of Royal Palm Boulevard.</p>





### LEGEND

- Electric Pole
- Electric Pole (Transformer)
- Light Pole - Roadway
- Controller Cabinet
- Sign (4 Sided Single Post)
- Signal Control Box
- Sign (Single Post)
- Signal Pole
- Signal Head
- Ped Head on Pole
- Drainage

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



CRASH DIAGRAM  
ROYAL PALM BLVD AT RIVERSIDE DR



### 3.0 COLLISION ANALYSIS

According to crash records obtained by VHB from Signal4Analytics, there were 287 reported crashes from January 1, 2015 to August 10th, 2021. The total property damage from these crashes was estimated at \$1,477,158. Three pedestrian and two bicycle crashes were reported during the study period. The crash summary is attached as **Appendix A**.

The number of crashes by types are as follows:

Rear-End	162	(56.4%)
Left Turn	56	(19.5%)
Sideswipe	28	(9.8%)
Angle	13	(4.5%)
Ran-off Road	10	(3.5%)
Right Turn	7	(2.4%)
Pedestrian	3	(1.0%)
Head-on	3	(1.0%)
Other	3	(1.0%)
Bicycle	2	(0.7%)

The number of crashes by contributing cause is as follows:

Careless Driving	165	(57.5%)
Failed to Yield ROW	75	(26.1%)
Improper Lane Change	24	(8.4%)
Disregarded Stop Sign	9	(3.1%)
Improper Turn	5	(1.7%)
Disregarded Traffic Signal	4	(1.4%)
Other	4	(1.4%)
Exceeded Speed Limit	1	(0.3%)

The number of crashes by lighting condition are as follows:

Daylight	221	(77.0%)
Dark-Lighted	52	(18.1%)
Dusk	11	(3.8%)
Dawn	2	(0.7%)
Dark-Not Lighted	1	(0.3%)

The number of crashes by analysis year are as follows:

Year 2015	26	(9.1%)
Year 2016	36	(12.5%)
Year 2017	43	(15.0%)
Year 2018	55	(19.2%)
Year 2019	58	(20.2%)
Year 2020	39	(13.6%)
Year 2021 (till July 31)	30	(10.5%)

There were 162 rear-end crashes were reported from January 1, 2015 to July 31, 2021. These crashes were a result of careless driving or inattention to stopped or slowing vehicles ahead due to congestion. These crashes resulted in thirty-one injuries and zero fatalities. Of these rear-end crashes, 127 occurred during daylight conditions, 26 occurred under dark-lighted conditions, seven occurred during dusk, one under dawn conditions, and one under dark-not lighted conditions.

Fifty-six left-turn crashes were reported during the study period. These crashes were predominantly the result of failing to yield right of way. These crashes resulted in thirty-one injuries and zero fatalities. Of these left-turn crashes, forty occurred during daylight conditions, thirteen occurred under dark-lighted conditions, and three occurred during dusk.

Twenty-eight sideswipe crashes were reported during the study period. Approximately 41% of crashes occurred on Riverside Drive and 59% on Royal Palm Boulevard. The majority of crashes occurred when a driver was changing lanes to make a turn. Two crashes occurred because a driver was following too closely and swerved to avoid a rear end crash. Three crashes occurred between a northbound right turning driver and southbound left turning driver. These crashes resulted in three injuries and zero fatalities.



Of these sideswipe crashes, twenty-five occurred during daylight conditions, and three occurred under dark-lighted conditions.

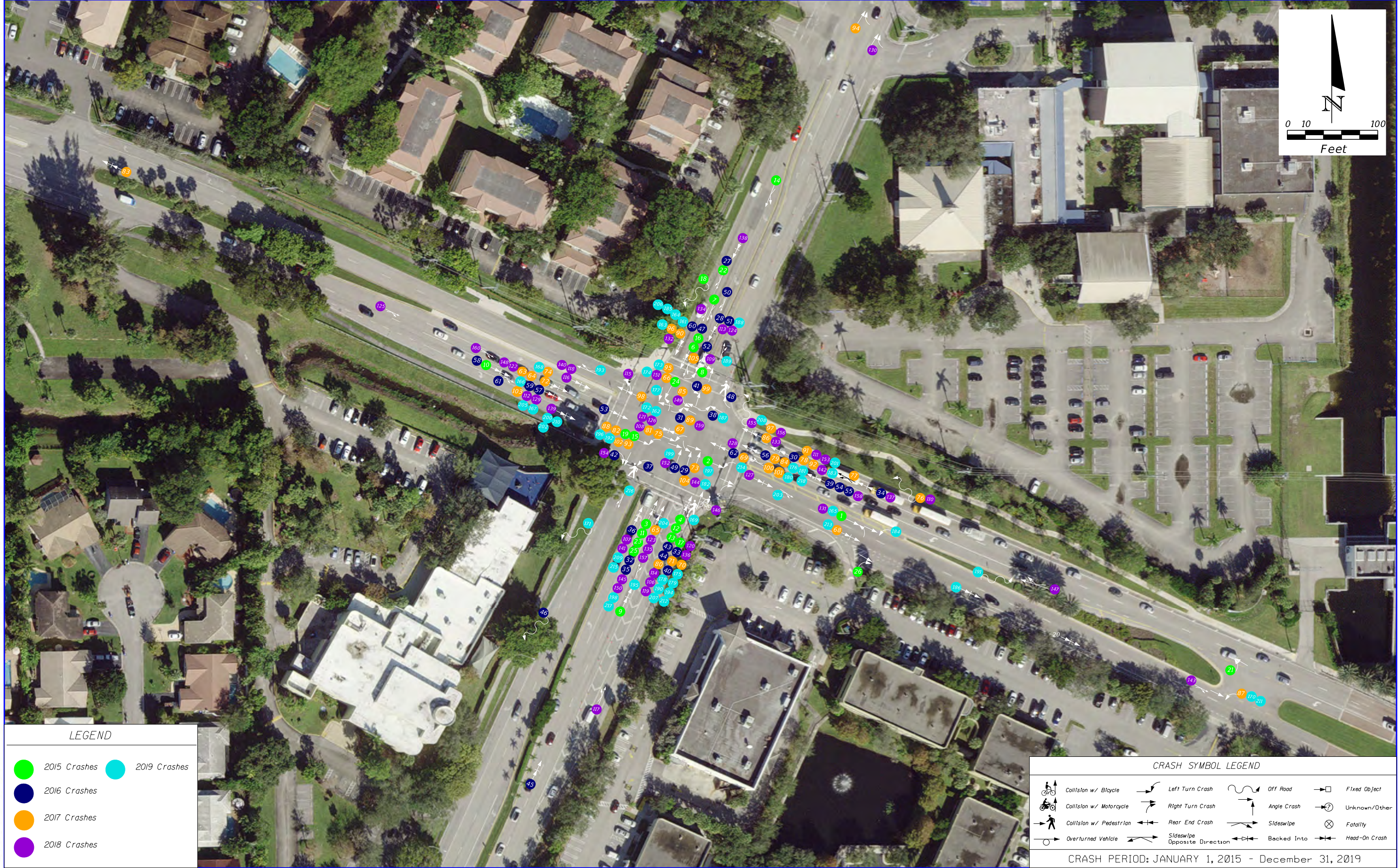
Thirteen angle crashes were reported during the study period. These crashes were a result of multiple factors like failing to yield right of way, disregarding traffic signal and improper turn. These crashes resulted in seven injuries and zero fatalities. Eight of these angle crashes occurred during daylight conditions, four occurred under dark-lighted conditions and one under dawn conditions.

Three head-on crashes were reported during the study period. These crashes were a result of failing to yield right of way. These crashes resulted in one injury and zero fatalities. All three crashes occurred during daylight conditions.

Three pedestrian crashes were reported during the study period. These crashes were a result of failing to yield right of way. These crashes resulted in three injuries and zero fatalities. One crash occurred during daylight conditions, and two occurred under dark-lighted conditions.

Two bicycle crashes were reported during the study period. These crashes were a result of failing to yield right of way. These crashes resulted in one injury and zero fatalities. Both crashes occurred during daylight conditions.





**LEGEND**

<span style="color: green;">●</span> 2015 Crashes	<span style="color: cyan;">●</span> 2019 Crashes
<span style="color: darkblue;">●</span> 2016 Crashes	
<span style="color: orange;">●</span> 2017 Crashes	
<span style="color: purple;">●</span> 2018 Crashes	

**CRASH SYMBOL LEGEND**

Collision w/ Bicycle	Left Turn Crash	Off Road	Fixed Object
Collision w/ Motorcycle	Right Turn Crash	Angle Crash	Unknown/Other
Collision w/ Pedestrian	Rear End Crash	Sideswipe	Fatality
Overturned Vehicle	Sideswipe Opposite Direction	Backed Into	Head-On Crash

CRASH PERIOD: JANUARY 1, 2015 - December 31, 2019

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



**CRASH DIAGRAM**  
**ROYAL PALM BLVD AT RIVERSIDE DR**



## 4.0 Field Observations

A qualitative assessment based on field observations was performed by a team of stakeholders on October 5, 2021 at the study intersection of Royal Palm Boulevard at Riverside Drive. The team consisted of the following representatives:

<b>Name</b>	<b>Agency</b>
Mark Brown	Broward MPO
Brooke Peters	Coral Springs
Derek Fernandes	Coral Springs
Lei Cai	Broward County Traffic Engineering
Edil Pena	T.Y. Lin International
Dan D'Antonio	VHB

Prior to the field observations, the RSA team was provided with corridor existing conditions data related to crash history, geometrics, and surrounding land use patterns. The crash trends were compared to traffic and physical conditions to identify field factors potentially contributing to increased crash risk. In addition, maintenance issues were identified and are detailed later in this report.

The purpose of the qualitative assessment was to evaluate safety of the intersection while taking into consideration prevailing operating traffic conditions to identify areas where improvements would be potentially beneficial for safety and efficiency. Specific attention was paid to the interaction between vehicular and non-vehicular roadway users. Field photographs are attached in **Appendix B**.

### Mobility and Safety:

1. During uncongested time periods, traffic was observed approaching the intersection at or slightly above the posted speed limit of 40 mph for all approaches.
2. The traffic was observed to arrive in platoons on Royal Palm Boulevard and Riverside Drive. However, the westbound platoon was observed to arrive during the red signal phase most often.

3. The eastbound queue length extended approximately 500 feet to the west during the AM peak hour, nearly to the adjacent median opening.
4. Sight lines to make right turn on red movements require drivers to move past the stop lines and into the crosswalks. Drivers were observed to pass the stop lines without pause and enter the crosswalks or continue past at speeds unsafe for pedestrians.
5. Horizontal signal heads are provided for all approaches. Signal heads were equipped with backplates on east/west approaches but were absent on the north/south approaches. The existing backplates do not have retroreflective borders.
6. All left turn movements have protected/permissive signal phasing with 5-section horizontal heads.
7. All approaches feature a R10-15 (Turning Vehicles Yield to Pedestrians) sign mounted overhead on the approach mast arm.
8. During the p.m. peak hour observation period, the southbound outside through traffic was observed to have a higher lane utilization compared to the inside lanes due to a high number of vehicles lining up to turn right onto Royal Palm Boulevard.
9. Traffic accessing the Walgreens in the southeast quadrant was observed to enter and exit the driveway on Royal Palm Boulevard illegally. Vehicles were observed to enter via the westbound direction by turning left across the double yellow directional markings. Traffic exiting was observed to turn left from the right-in/right-out driveway. Potential conflict with eastbound and westbound traffic was observed.
10. Drivers were observed to disregard pedestrians in the crosswalks when turning right and making permissive left turns during the WALK phase and pedestrian clearance intervals.
11. Drivers were observed using the striped-out area between the eastbound through lane and curb to decelerate before turning into the Walgreens parking lot.
12. Broward County Transit route 83 along Royal Palm Boulevard west of the intersection is provided with benches while it does not accompany a shelter. The bus stop east of the intersection does not provide benches or the shelter.



Maintenance:

13. The pavement condition was observed to be in fair condition along all approaches.
14. The crosswalks were worn in areas where right turning traffic crossed the markings.
15. Lane lines and turn arrows are worn on all approaches.
16. The curb ramps appeared to be newer and in good condition with good detectable warning surfaces.
17. School Advance Crossing Assemblies and School Crossing Assemblies (S1-1, W19-9P, and W16-7P) are present in both fluorescent yellow-green and yellow colors. Some sign panels were bent and damaged.

## 5.0 Recommendations

Based on the crash records, field observations of the intersection operation, and input from the multi-disciplinary RSA team, this study recommends the following improvements. Improvements identified as maintenance can be completed within two years, near-term can be completed within three to five years, and long-term can be completed beyond five years.

1. Implement leading pedestrian intervals on all crossings by time of day during school arrival and dismissal times. Maintenance.  
*Justification: Drivers were observed to disregard pedestrians in the crosswalks, including students attending Somerset Academy Riverside, when making conflicting right turns and permissive left turns.*
2. Install ground mounted R10-6a (Stop Here on Red) signs on all approaches. Maintenance.  
*Justification: Drivers were observed to pass the stop lines without pause and enter the crosswalks or continue past at speeds unsafe for pedestrians.*
3. Restripe the northbound right turn chevron area and reconstruct the southeast curb return. Near-term.  
*Justification: The chevron area makes the intersection approach 12 feet wider than necessary and extends the pedestrian crossing distance of the south leg by 12 feet. The space can be used to gain greater separation between pedestrians and traffic along the east side of the northbound approach.*
4. Extend the east median nose with a 4-foot concrete separator. Near-term.  
*Justification: Illegal movements were observed to cause potential conflict at the Royal Palm Boulevard driveway for Walgreens. The existing signage and pavement markings only allow right-in/right-out movements; however, no physical barriers are present. Three angle, two rear end, one left turn, and one right turn crashes occurred at this location during the study period.*
5. Install advance street name signs on all approaches. Near-term.  
*Justification: Twenty-eight sideswipe crashes were reported during the study period. Approximately 41% of crashes occurred on Riverside Drive and 59% on Royal Palm*



*Boulevard. The majority of crashes occurred when a driver was changing lanes to make a turn.*

6. Install flexible backplates with retroreflective borders. Maintenance.  
*Justification: Rear end, left turn, and angle crashes represent three of the four most prevalent crash types at the intersection. Retroreflective backplates improve the contrast between the signal indications and their surroundings for enhanced conspicuity. Backplates with retroreflective borders are proven to reduce all crash types by 15% when implemented.*
7. Install 4-section flashing yellow arrow (FYA) and additional 3-section signal for through lanes on all approaches. Near-term.  
*Justification: Fifty-six left-turn crashes were reported during the study period. These crashes were predominantly the result of failing to yield right of way. Changing from 5-section protected/permmissive left turn to flashing yellow arrow protected/permmissive left turn signals have a crash reduction factor (CRF) of 16.2% for all crash severities.*
8. Remove and replace crosswalks with special emphasis crosswalks. Near-term.  
*Justification: Pedestrian conflict with vehicular traffic was observed during the field review. Three pedestrian crashes and two bicycle crashes occurred during the study period. Special emphasis crosswalks provide enhanced visibility of the appropriate location for drivers to expect pedestrians in the roadway.*
9. Replace existing S1-1 assemblies that are yellow or damaged to match existing fluorescent yellow-green sign assemblies. Maintenance.  
*Justification: School Advance Crossing Assemblies and School Crossing Assemblies (S1-1, W19-9P, and W16-7P) are present in both fluorescent yellow-green and yellow colors. Some sign panels were bent and damaged.*

A conceptual improvement diagram is attached as **Appendix C**. A construction cost estimate, benefit-cost (B-C) analysis, and net present value (NPV) analysis are attached as **Appendices D, E, and F**, respectively.

The project cost, benefit-cost ratio, and NPV are summarized in the following table.

<b>Project Cost Estimate</b>	\$173,437.49
<b>B-C Ratio (Benefit \$/Cost \$)</b>	169.75
<b>NPV</b>	\$30,780,368

The B-C ratio is the present value of benefits over the present value of costs. A B-C ratio greater than 1.0 indicates that benefits exceed the costs and the project is economically justified. Generally, higher B-C ratios are more desirable.

The NPV is the difference between the present value of benefits and present value of costs over the life of the improvements. NPV is sometimes called net benefits or net present worth. A positive NPV indicates that benefits exceed costs and the project is economically justified. Generally, higher NPVs are desirable.

## 6.0 Feasibility Review

A feasibility review was conducted for each of the recommendations. Due to the nature of some improvements, no additional feasibility review was required. These are noted as such in the summary presented below.

Recommendation 1: Implement leading pedestrian intervals on all crossings by time of day during school arrival and dismissal times.

*Feasibility Review: Conditional traffic signal controller logic is required to implement this recommendation. Not all controllers have this capability. However, Broward County maintains an updated system and there is a high likelihood that this recommendation is feasible. If the controller is not capable of LPIs by time of day, implementation of LPIs during all times is an acceptable alternative.*

Recommendation 2: Install ground mounted R10-6a (Stop Here on Red) signs on all approaches. Maintenance.

*Feasibility Review: This recommendation is feasible without additional investigation.*

Recommendation 3: Restripe the northbound right turn chevron area and reconstruct the southeast curb return.

*Feasibility Review: The project can be constructed within the existing right of way as it does not move the back of sidewalk from the current location. The southeast quadrant will be reconstructed with a curb extension, also known as a bulbout. Utilities are present in the southeast quadrant; however, the existing sidewalk location will not change. The sidewalk may need to be reconstructed to match grades of the bulbout, but no utilities appear to be within the area of sidewalk to be reconstructed.*

*The bulbout may cause a change in sheet flow patterns. Elevation data will need to be reviewed to ensure no ponding will develop around the bulbout. If the bulbout restricts flow to existing inlets, treatments similar to the inset image may need to be considered.*



Recommendation 4: Extend the east median nose with a 4-foot concrete separator.



*Feasibility Review: This improvement is within the existing travel way on the east leg of the intersection. No impacts to utilities or right of way are expected. The improvement provides a physical restriction for access related movements that are already restricted by signing and pavement markings. Coordination with the adjacent Walgreens should occur during the design phase.*

Recommendation 5: Install advance street name signs on all approaches.

*Feasibility Review: Florida's Traffic Engineering Manual recommends multi-column signs with 10.67 E-mod font for advance street name signs on facilities with posted speeds of 40 mph or greater. The manual provides guidance for corridors with limited right of way. Reduced font or single-column and cantilever supports may need to be considered.*

Recommendation 6: Install flexible backplates with retroreflective borders.

*Feasibility Review: Installation of flexible retroreflective backplates is exempt from additional structural analysis per FDOT's Traffic Engineering Manual, Section 3.9.*

Recommendation 7: Install 4-section flashing yellow arrow (FYA) and additional 3-section signal for through lanes on all approaches.

*Feasibility Review: The structural capacity of the mast arms to handle the additional load presents a risk to feasibility. Five-section signal heads will be removed and one four-section and an additional three-section signal head will be provided. All mast arms currently have "Turning Vehicles Yield To Pedestrian" and street name signs mounted overhead. These signs can be removed and provided via ground-mount or affixed to the upright to create additional structural capacity, if necessary. A structural analysis will need to be conducted to verify the capacity of the existing mast arms. FDOT's Florida Design Manual provides guidance in Chapter 261.*

Recommendation 8: Remove and replace crosswalks with special emphasis crosswalks.

*Feasibility Review: This recommendation is feasible without additional investigation.*

Recommendation 9: Replace existing S1-1 assemblies that are yellow or damaged to match existing fluorescent yellow-green sign assemblies.

*Feasibility Review: This recommendation is feasible without additional investigation.*

The Candidate Project Feasibility Checklist for TSM&O/Safety Program Funds is provided in **Appendix G**.

## 7.0 Implementation Plan

The implementation plan presented below identifies the agency responsible for the implementation, the nature of the improvement with respect to maintenance/near-term/long-term, and the associated costs.

<b>Improvement</b>	<b>Responsible Agency</b>	<b>Agency with Roadway Jurisdiction</b>	<b>Maint., Near-, or Long-Term</b>	<b>Cost</b>
1. Implement leading pedestrian intervals on all crossings by time of day during school arrival and dismissal times.	Broward County	Broward County	Maintenance	No cost
2. Install ground mounted R10-6a (Stop Here on Red) signs on all approaches.	Coral Springs or Broward County	Broward County	Maintenance	<\$10,000
3. Restripe the northbound right turn chevron area and reconstruct the southeast curb return.	Coral Springs or Broward County	Broward County	Near-term	<\$100,000
4. Extend the east median nose with a 4-foot concrete separator.	Coral Springs or Broward County	Broward County	Near-term	<\$50,000
5. Install advance street name signs on all approaches.	Coral Springs or Broward County	Broward County	Near-term	<\$10,000
6. Install flexible backplates with retroreflective borders.	Broward County	Broward County	Maintenance	<\$5,000
7. Install 4-section flashing yellow arrow (FYA) and additional 3-section signal for through lanes on all approaches.	Broward County	Broward County	Near-term	<\$15,000
8. Remove and replace crosswalks with special emphasis crosswalks.	Broward County or Coral Springs	Broward County	Near-term	<\$10,000

<b>Improvement</b>	<b>Responsible Agency</b>	<b>Agency with Roadway Jurisdiction</b>	<b>Maint., Near-, or Long-Term</b>	<b>Cost</b>
9. Replace existing S1-1 assemblies that are yellow or damaged to match existing fluorescent yellow-green sign assemblies.	Broward County	Broward County	Maintenance	<\$2,000



# Appendix A – Crash Summary

**CRASH SUMMARY**

**MAJOR ROUTE:** Royal Palm Boulevard  
**INTERSECTING ROUTE:** Riverside Drive

**COUNTY:** Broward

**STUDY PERIOD:** 1/1/2015 to 8/10/2021

**ENGINEER:** MW

CRASH REF. NO.	HSMV NO.	DATE	DAY	TIME	Vehicle Type Involved	ALCOHOL / DRUGS	CRASH TYPE	FATAL	INJURY	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY	NON- TRAFFIC FATALITY	FATALITY WITHIN 30 DAYS	PROPERTY DAMAGE	LIGHTING CONDITION	PAVEMENT CONDITIONS	CONTRIBUTING CAUSE
1	84970670	1/30/2015	Friday	10:33 AM	Motorized Vehicle	No	Left Turn	0	3	0	0	3	0	0	\$15,000	Daylight	Dry	CARELESS DRIVING
2	84970908	2/23/2015	Monday	9:15 AM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$0	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
3	84971072	3/13/2015	Friday	9:58 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	IMPROPER LANE CHANGE
4	84971262	4/1/2015	Wednesday	11:51 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
5	84971323	4/6/2015	Monday	7:22 PM	Motorized Vehicle	No	Right Turn	0	0	0	0	0	0	0	\$0	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
6	84971353	4/10/2015	Friday	7:30 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
7	84971469	4/21/2015	Tuesday	9:19 AM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$0	Daylight	Dry	IMPROPER LANE CHANGE
8	85960741	5/19/2015	Tuesday	2:43 PM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$20,000	Daylight	Dry	EXCEEDED SAFE SPEED LIMIT
9	85960940	6/5/2015	Friday	10:06 PM	Motorized Vehicle	Yes	Rear End	0	1	0	1	0	0	0	\$15,000	Dark - Lighted	Dry	CARELESS DRIVING
10	85961080	6/25/2015	Thursday	5:28 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
11	85961111	6/30/2015	Tuesday	6:44 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
12	85961133	7/4/2015	Saturday	9:22 PM	Motorized Vehicle	Yes	Rear End	0	1	0	0	1	0	0	\$5,500	Dark - Lighted	Dry	CARELESS DRIVING
13	85961320	7/25/2015	Saturday	10:40 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
14	85961322	7/25/2015	Saturday	1:20 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$0	Daylight	Dry	IMPROPER LANE CHANGE
15	85961356	7/30/2015	Thursday	8:00 AM	Motorized Vehicle	No	Left Turn	0	1	0	1	0	0	0	\$14,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
16	85961403	8/5/2015	Wednesday	9:36 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
17	85961850	9/21/2015	Monday	12:54 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
18	85962039	10/10/2015	Saturday	10:05 AM	Motorized Vehicle	No	Off Road	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	FAILED TO MAINTAIN VEHICLE
19	85962263	10/31/2015	Saturday	4:50 PM	Motorized Vehicle	No	Left Turn	0	3	0	0	3	0	0	\$35,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
20	85962437	11/18/2015	Wednesday	9:05 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Wet	CARELESS DRIVING
21	85962439	11/18/2015	Wednesday	8:50 AM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$0	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
22	85962453	11/19/2015	Thursday	9:16 AM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$0	Daylight	Dry	IMPROPER LANE CHANGE
23	85962499	11/23/2015	Monday	12:47 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
24	85962717	12/15/2015	Tuesday	2:19 PM	Motorized Vehicle	No	Left Turn	0	1	0	1	0	0	0	\$8,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
25	85962757	12/18/2015	Friday	1:20 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$4,500	Daylight	Dry	CARELESS DRIVING
26	85962846	12/26/2015	Saturday	9:49 AM	Motorized Vehicle	No	Right Turn	0	0	0	0	0	0	0	\$0	Daylight	Wet	FAILED TO YIELD RIGHT OF WAY
27	85963105	1/21/2016	Thursday	7:40 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
28	85963169	1/27/2016	Wednesday	7:12 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Wet	CARELESS DRIVING
29	85963664	3/7/2016	Monday	8:22 PM	Motorized Vehicle	No	Left Turn	0	2	0	2	0	0	0	\$15,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
30	85964187	4/20/2016	Wednesday	11:18 AM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$3,500	Daylight	Dry	CARELESS DRIVING
31	85964197	4/20/2016	Wednesday	5:12 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$22,500	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
32	85964236	4/25/2016	Monday	8:55 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
33	85964481	5/13/2016	Friday	6:28 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
34	85964507	5/16/2016	Monday	8:27 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
35	85964585	5/21/2016	Saturday	9:01 PM	Motorized Vehicle	No	Rear End	0	2	0	0	2	0	0	\$30,000	Dark - Lighted	Dry	CARELESS DRIVING
36	85964595	5/23/2016	Monday	2:20 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
37	85964672	5/27/2016	Friday	10:30 PM	Pedestrian	No	Pedestrian	0	1	0	0	1	0	0	\$100	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
38	85964757	6/2/2016	Thursday	7:48 PM	Motorized Vehicle	No	Left Turn	0	7	0	0	7	0	0	\$30,000	Dusk	Dry	FAILED TO YIELD RIGHT OF WAY
39	85964784	6/4/2016	Saturday	3:04 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
40	85965193	7/13/2016	Wednesday	3:15 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
41	85965282	7/21/2016	Thursday	10:24 AM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$8,500	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
42	85965321	7/24/2016	Sunday	10:56 PM	Motorized Vehicle	No	Right Turn	0	0	0	0	0	0	0	\$1,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
43	85965444	8/5/2016	Friday	7:52 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
44	86742331	8/29/2016	Monday	9:52 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
45	86742386	9/1/2016	Thursday	4:47 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
46	86742506	9/12/2016	Monday	10:45 AM	Motorized Vehicle	No	Off Road	0	2	0	0	2	0	0	\$9,500	Daylight	Wet	FAILED TO MAINTAIN VEHICLE
47	86742595	9/19/2016	Monday	8:08 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
48	86742615	9/19/2016	Monday	8:42 PM	Pedestrian	No	Pedestrian	0	1	0	1	0	0	0	\$1,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
49	86742834	10/8/2016	Saturday	7:00 AM	Motorized Vehicle	No	Angle	0	0	0	0	0	0	0	\$20,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
50	86742860	10/10/2016	Monday	1:52 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$0	Daylight	Dry	IMPROPER LANE CHANGE
51	86742895	10/12/2016	Wednesday	12:54 PM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$6,000	Daylight	Dry	CARELESS DRIVING
52	86742904	10/13/2016	Thursday	4:33 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$0	Daylight	Dry	IMPROPER LANE CHANGE
53	86742975	10/21/2016	Friday	8:35 AM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$11,000	Daylight	Dry	CARELESS DRIVING
54	86743157	11/4/2016	Friday	3:08 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
55	86743171	11/5/2016	Saturday	1:39 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Wet	CARELESS DRIVING
56	86743309	11/18/2016	Friday	7:49 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Dark - Lighted	Dry	CARELESS DRIVING
57	86743488	12/3/2016	Saturday	2:24 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
58	86795363	12/14/2016	Wednesday	4:50 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$5,000	Dusk	Dry	CARELESS DRIVING
59	86795320	12/16/2016	Friday	7:25 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$1,500	Dark - Lighted	Dry	IMPROPER LANE CHANGE
60	86795464	12/26/2016	Monday	5:13 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	CARELESS DRIVING
61	86795474	12/27/2016	Tuesday	4:06 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	IMPROPER LANE CHANGE
62	86795507	12/29/2016	Thursday	7:27 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,000	Dark - Lighted	Dry	CARELESS DRIVING
63	86941255	2/1/2017	Wednesday	11:34 AM	Motorized Vehicle	No	Rear End	0	2	1	0	1	0	0	\$11,000	Daylight	Dry	CARELESS DRIVING
64	86796083	2/21/2017	Tuesday	6:38 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Dark - Lighted	Dry	CARELESS DRIVING
65	86796404	3/20/2017	Monday	8:48 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING
66	86796443	3/22/2017	Wednesday	8:30 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$3,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
67	86796497	3/27/2017	Monday	6:38 PM	Motorized Vehicle	No	Head On	0	2	0	0	2	0	0	\$7,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
68	86796575	4/3/2017	Monday	11:29 AM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING
69	86796674	4/11/2017	Tuesday	1:50 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$500	Daylight	Dry	CARELESS DRIVING
70	86796751	4/19/2017	Wednesday	7:23 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Dusk	Dry	CARELESS DRIVING
71	86796754	4/20/2017	Thursday	9:04 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	CARELESS DRIVING
72	86796780	4/22/2017	Saturday	10:18 AM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$6,000	Daylight	Dry	CARELESS DRIVING
73	86796832	4/29/2017	Saturday	7:56 AM	Motorized Vehicle	No	Angle	0	1	0	0	1	0	0	\$7,000	Daylight	Dry	DISREGARDED TRAFFIC SIGNAL
74	86797117	5/22/2017	Monday	11:10 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	CARELESS DRIVING
75	86797226	6/1/2017	Thursday	12:05 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
76	86797355	6/11/2017	Sunday	8:16 AM	Motorized Vehicle	No	Off Road	0	1	0	0	1	0	0	\$16,000	Daylight	Dry	FAILED TO MAINTAIN VEHICLE
77	86797392	6/14/2017	Wednesday	4:25 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$1,100	Daylight	Wet	IMPROPER LANE CHANGE
78	86797430	6/17/2017	Saturday	8:03 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,250	Dusk	Dry	CARELESS DRIVING
79	86797431	6/17/2017	Saturday	8:52 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Dark - Lighted	Dry	CARELESS DRIVING
80	86797538	6/28/2017	Wednesday	10:03 AM	Motorized Vehicle	No	Rear End	0	0	0								

CRASH REF. NO.	HSMV NO.	DATE	DAY	TIME	Vehicle Type Involved	ALCOHOL / DRUGS	CRASH TYPE	FATAL	INJURY	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY	NON- TRAFFIC FATALITY	FATALITY WITHIN 30 DAYS	PROPERTY DAMAGE	LIGHTING CONDITION	PAVEMENT CONDITIONS	CONTRIBUTING CAUSE
82	86797749	7/19/2017	Wednesday	7:57 AM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$14,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
83	86797769	7/20/2017	Thursday	5:22 PM	Motorized Vehicle	No	Rear End	0	1	0	1	0	0	0	\$3,150	Daylight	Wet	CARELESS DRIVING
84	86797822	7/26/2017	Wednesday	1:37 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING
85	86797831	7/27/2017	Thursday	11:34 AM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
86	86798013	8/11/2017	Friday	10:31 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$8,000	Dark - Lighted	Wet	CARELESS DRIVING
87	86798057	8/16/2017	Wednesday	2:24 PM	Motorized Vehicle	No	Left Turn	0	3	0	0	3	0	0	\$14,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
88	86798096	8/19/2017	Saturday	11:12 AM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$30,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
89	86798119	8/20/2017	Sunday	11:06 PM	Motorized Vehicle	No	Left Turn	0	2	0	0	2	0	0	\$10,000	Dark - Lighted	Wet	FAILED TO YIELD RIGHT OF WAY
90	86798144	8/22/2017	Tuesday	6:59 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$400	Dusk	Dry	CARELESS DRIVING
91	86743579	8/30/2017	Wednesday	9:56 AM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$3,000	Daylight	Dry	CARELESS DRIVING
92	86743699	9/7/2017	Thursday	2:40 PM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$100	Daylight	Dry	CARELESS DRIVING
93	86743751	9/13/2017	Wednesday	6:58 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$4,500	Dusk	Dry	FAILED TO YIELD RIGHT OF WAY
94	86743807	9/19/2017	Tuesday	7:34 AM	Motorized Vehicle	No	Right Turn	0	0	0	0	0	0	0	\$3,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
95	86743966	10/2/2017	Monday	8:27 PM	Motorized Vehicle	No	Left Turn	0	4	0	0	4	0	0	\$1,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
96	86744031	10/8/2017	Sunday	9:20 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$200	Daylight	Dry	CARELESS DRIVING
97	86744042	10/9/2017	Monday	5:34 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,500	Daylight	Wet	CARELESS DRIVING
98	86744093	10/14/2017	Saturday	10:18 AM	Motorized Vehicle	No	Rear End	0	1	0	1	0	0	0	\$34,000	Daylight	Dry	CARELESS DRIVING
99	86744372	11/7/2017	Tuesday	8:25 AM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$7,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
100	86744627	11/29/2017	Wednesday	3:36 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$1,900	Daylight	Dry	IMPROPER LANE CHANGE
101	86744665	12/1/2017	Friday	6:56 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$1,000	Dark - Lighted	Dry	IMPROPER LANE CHANGE
102	86744692	12/5/2017	Tuesday	7:41 AM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$10,000	Daylight	Wet	FAILED TO YIELD RIGHT OF WAY
103	86744822	12/14/2017	Thursday	7:42 AM	Motorized Vehicle	No	Rear End	0	1	0	1	0	0	0	\$1,200	Daylight	Dry	CARELESS DRIVING
104	86744929	12/21/2017	Thursday	9:49 AM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$28,500	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
105	86744983	12/24/2017	Sunday	2:54 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	IMPROPER LANE CHANGE
106	86745103	1/5/2018	Friday	12:46 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,400	Daylight	Dry	CARELESS DRIVING
107	86745236	1/17/2018	Wednesday	11:33 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$4,000	Daylight	Dry	CARELESS DRIVING
108	87556317	1/28/2018	Sunday	2:52 PM	Motorized Vehicle	No	Left Turn	0	3	0	0	3	0	0	\$30,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
109	87556350	1/30/2018	Tuesday	4:46 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$6,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
110	87556427	2/6/2018	Tuesday	3:00 PM	Motorized Vehicle	No	Off Road	0	0	0	0	0	0	0	\$1,150	Daylight	Dry	FAILED TO MAINTAIN VEHICLE
111	87556723	3/1/2018	Thursday	8:24 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,300	Dark - Lighted	Dry	CARELESS DRIVING
112	87556746	3/3/2018	Saturday	4:45 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$500	Daylight	Dry	CARELESS DRIVING
113	87556820	3/12/2018	Monday	6:30 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Dark - Lighted	Dry	CARELESS DRIVING
114	87556872	3/16/2018	Friday	10:51 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING
115	87556890	3/17/2018	Saturday	3:17 PM	Motorized Vehicle	No	Right Turn	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
116	87556944	3/21/2018	Wednesday	3:05 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$400	Daylight	Dry	CARELESS DRIVING
117	87557055	4/2/2018	Monday	12:28 PM	Motorized Vehicle	No	Sideswipe	0	1	0	0	1	0	0	\$6,000	Daylight	Dry	IMPROPER LANE CHANGE
118	87557305	4/22/2018	Sunday	1:53 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
119	87557323	4/24/2018	Tuesday	8:21 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$7,500	Daylight	Dry	CARELESS DRIVING
120	87557409	5/1/2018	Tuesday	9:02 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$500	Daylight	Dry	CARELESS DRIVING
121	87557540	5/13/2018	Sunday	12:37 PM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$11,500	Daylight	Wet	FAILED TO YIELD RIGHT OF WAY
122	87557615	5/20/2018	Sunday	2:19 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,500	Daylight	Wet	CARELESS DRIVING
123	87557638	5/22/2018	Tuesday	2:14 PM	Motorized Vehicle	No	Rear End	0	2	0	0	2	0	0	\$1,200	Daylight	Dry	CARELESS DRIVING
124	87557683	5/25/2018	Friday	9:42 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,000	Dark - Lighted	Wet	CARELESS DRIVING
125	87558111	7/6/2018	Friday	9:41 PM	Motorized Vehicle	No	Sideswipe	0	1	0	0	1	0	0	\$2,000	Dark - Lighted	Dry	IMPROPER LANE CHANGE
126	87558115	7/7/2018	Saturday	1:19 PM	Motorized Vehicle	No	Left Turn	0	3	0	3	0	0	0	\$32,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
127	87558222	7/17/2018	Tuesday	6:25 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$32,704	Daylight	Dry	CARELESS DRIVING
128	87558244	7/20/2018	Friday	7:52 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$800	Daylight	Dry	CARELESS DRIVING
129	87558246	7/20/2018	Friday	10:38 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$550	Daylight	Dry	CARELESS DRIVING
130	87558390	8/3/2018	Friday	6:23 PM	Motorized Vehicle	No	Right Turn	0	0	0	0	0	0	0	\$4,500	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
131	87558525	8/15/2018	Wednesday	1:05 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$1,500	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
132	87558534	8/15/2018	Wednesday	5:47 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$5,000	Daylight	Dry	CARELESS DRIVING
133	87558547	8/17/2018	Friday	12:01 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING
134	87558567	8/19/2018	Sunday	3:49 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$500	Daylight	Dry	IMPROPER LANE CHANGE
135	87558804	9/7/2018	Friday	10:02 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,000	Dark - Lighted	Dry	CARELESS DRIVING
136	87558820	9/10/2018	Monday	9:49 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$10,000	Daylight	Dry	CARELESS DRIVING
137	87558874	9/14/2018	Friday	8:59 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$10,000	Dark - Lighted	Dry	CARELESS DRIVING
138	87559016	9/27/2018	Thursday	5:32 PM	Motorized Vehicle	No	Rear End	0	1	0	1	0	0	0	\$1,500	Daylight	Dry	CARELESS DRIVING
139	87559136	10/7/2018	Sunday	11:16 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,500	Daylight	Dry	CARELESS DRIVING
140	87559182	10/10/2018	Wednesday	1:44 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	CARELESS DRIVING
141	87914370	10/18/2018	Thursday	10:55 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$5,000	Daylight	Dry	CARELESS DRIVING
142	87914372	10/18/2018	Thursday	1:54 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,750	Daylight	Dry	CARELESS DRIVING
143	87914485	10/27/2018	Saturday	7:37 AM	Motorized Vehicle	No	Sideswipe	0	1	0	0	1	0	0	\$4,000	Daylight	Dry	IMPROPER LANE CHANGE
144	87914505	10/28/2018	Sunday	8:29 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$9,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
145	87914651	11/10/2018	Saturday	6:08 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$13,000	Dark - Lighted	Dry	CARELESS DRIVING
146	87914660	11/12/2018	Monday	1:41 PM	Pedalcycle	No	Bicycle	0	0	0	0	0	0	0	\$0	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
147	87914780	11/20/2018	Tuesday	4:46 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$1,400	Daylight	Dry	IMPROPER LANE CHANGE
148	87914784	11/21/2018	Wednesday	8:42 AM	Motorized Vehicle	No	Rear End	0	2	0	0	2	0	0	\$8,000	Daylight	Dry	CARELESS DRIVING
149	87914806	11/23/2018	Friday	3:13 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$7,200	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
150	87914808	11/23/2018	Friday	10:09 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,500	Dark - Lighted	Dry	CARELESS DRIVING
151	87914866	11/28/2018	Wednesday	8:07 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$5,500	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
152	87914937	12/6/2018	Thursday	7:40 AM	Motorized Vehicle	No	Angle	0	0	0	0	0	0	0	\$8,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
153	87914986	12/9/2018	Sunday	9:44 AM	Motorized Vehicle	No	Rear End	0	2	0	0	2	0	0	\$9,000	Daylight	Dry	CARELESS DRIVING
154	87914996	12/10/2018	Monday	7:25 AM	Motorized Vehicle	No	Right Turn	0	1	0	1	0	0	0	\$3,500	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
155	87915024	12/12/2018	Wednesday	4:21 PM	Motorized Vehicle	No	Off Road	0	0	0	0	0	0	0	\$3,000	Daylight	Dry	FAILED TO MAINTAIN VEHICLE
156	87915035	12/12/2018	Wednesday	4:16 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$750	Dusk	Dry	CARELESS DRIVING
157	87915126	12/18/2018	Tuesday	2:41 PM	Motorized Vehicle	No	Rear End	0	2	0	0	2	0	0	\$1,250	Daylight	Dry	CARELESS DRIVING
158	87915269	12/29/2018	Saturday	7:40 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,200	Dark - Lighted	Dry	CARELESS DRIVING
159	87915270	12/29/2018	Saturday	8:17 PM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$12,500	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
160	87915284	12/31/2018	Monday	2:20 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$500	Daylight	Dry	IMPROPER LANE CHANGE
161	87915304	1/2/2019	Wednesday	4:41 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$50	Daylight	Dry	CARELESS DRIVING
162																		



CRASH REF. NO.	HSMV NO.	DATE	DAY	TIME	Vehicle Type Involved	ALCOHOL / DRUGS	CRASH TYPE	FATAL	INJURY	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY	NON- TRAFFIC FATALITY	FATALITY WITHIN 30 DAYS	PROPERTY DAMAGE	LIGHTING CONDITION	PAVEMENT CONDITIONS	CONTRIBUTING CAUSE
173	87915839	2/19/2019	Tuesday	9:43 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$6,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
174	87915857	2/21/2019	Thursday	8:06 AM	Motorized Vehicle	No	Left Turn	0	1	0	1	0	0	0	\$2,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
175	87915890	2/23/2019	Saturday	10:57 AM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$1,500	Daylight	Dry	CARELESS DRIVING
176	87916035	3/8/2019	Friday	4:53 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$10,000	Daylight	Dry	CARELESS DRIVING
177	87916122	3/16/2019	Saturday	7:00 PM	Motorized Vehicle	No	Angle	0	1	0	0	1	0	0	\$10,000	Dusk	Wet	DISREGARDED TRAFFIC SIGNAL
178	87916139	3/17/2019	Sunday	5:01 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,500	Daylight	Dry	CARELESS DRIVING
179	87916204	3/21/2019	Thursday	5:26 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$10,000	Daylight	Dry	CARELESS DRIVING
180	87916342	4/3/2019	Wednesday	3:07 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$2,500	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
181	87916387	4/7/2019	Sunday	7:08 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,250	Dusk	Dry	CARELESS DRIVING
182	87916434	4/10/2019	Wednesday	1:08 PM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$5,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
183	87916437	4/10/2019	Wednesday	3:56 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$4,000	Daylight	Dry	CARELESS DRIVING
184	87916800	5/10/2019	Friday	11:00 AM	Motorized Vehicle	No	Angle	0	1	0	0	1	0	0	\$13,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
185	87917027	5/28/2019	Tuesday	12:33 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$500	Daylight	Dry	CARELESS DRIVING
186	87917046	5/29/2019	Wednesday	4:09 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$500	Daylight	Dry	CARELESS DRIVING
187	87917172	6/9/2019	Sunday	11:56 AM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$2,000	Daylight	Wet	FAILED TO YIELD RIGHT OF WAY
188	87917224	6/13/2019	Thursday	11:19 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$300	Daylight	Dry	CARELESS DRIVING
189	87917258	6/16/2019	Sunday	9:01 AM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$5,000	Daylight	Wet	IMPROPER LANE CHANGE
190	87917409	6/28/2019	Friday	8:31 PM	Motorized Vehicle	No	Rear End	0	2	0	0	2	0	0	\$1,000	Dark - Lighted	Dry	CARELESS DRIVING
191	87917658	7/25/2019	Thursday	8:27 AM	Motorized Vehicle	No	Off Road	0	0	0	0	0	0	0	\$904	Dark - Lighted	Dry	FAILED TO MAINTAIN VEHICLE
192	87917812	8/8/2019	Thursday	2:24 PM	Motorized Vehicle	No	Left Turn	0	2	0	0	2	0	0	\$30,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
193	87917858	8/11/2019	Sunday	5:36 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$3,000	Daylight	Wet	IMPROPER LANE CHANGE
194	87917955	8/19/2019	Monday	10:06 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,500	Daylight	Wet	CARELESS DRIVING
195	87917982	8/21/2019	Wednesday	2:58 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$4,000	Daylight	Dry	IMPROPER LANE CHANGE
196	87918037	8/26/2019	Monday	6:04 PM	Motorized Vehicle	No	Left Turn	0	3	0	3	0	0	0	\$16,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
197	87918044	8/27/2019	Tuesday	1:43 PM	Motorized Vehicle	No	Left Turn	0	2	0	0	2	0	0	\$14,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
198	87918058	8/28/2019	Wednesday	5:04 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$5,000	Daylight	Dry	CARELESS DRIVING
199	87918060	8/28/2019	Wednesday	7:53 PM	Motorized Vehicle	No	Angle	0	1	0	0	1	0	0	\$2,000	Dark - Lighted	Dry	DISREGARDED TRAFFIC SIGNAL
200	87918223	9/10/2019	Tuesday	10:29 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$500	Daylight	Dry	CARELESS DRIVING
201	87918296	9/17/2019	Tuesday	7:59 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING
202	87918348	9/21/2019	Saturday	1:55 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,500	Daylight	Dry	CARELESS DRIVING
203	87918406	9/26/2019	Thursday	11:33 AM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$3,400	Daylight	Dry	IMPROPER LANE CHANGE
204	87918431	9/28/2019	Saturday	6:42 AM	Motorized Vehicle	No	Rear End	0	2	1	1	0	0	0	\$10,000	Dawn	Dry	CARELESS DRIVING
205	87918576	10/9/2019	Wednesday	1:57 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,500	Daylight	Dry	CARELESS DRIVING
206	87918629	10/13/2019	Sunday	7:49 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$600	Dark - Lighted	Wet	CARELESS DRIVING
207	87918809	10/29/2019	Tuesday	3:11 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,500	Daylight	Dry	CARELESS DRIVING
208	87918972	11/10/2019	Sunday	7:35 PM	Motorized Vehicle	No	Off Road	0	0	0	0	0	0	0	\$10,000	Dark - Lighted	Dry	FAILED TO MAINTAIN VEHICLE
209	87919051	11/19/2019	Tuesday	7:55 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING
210	87919060	11/20/2019	Wednesday	11:52 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,550	Daylight	Dry	CARELESS DRIVING
211	87919067	11/20/2019	Wednesday	4:05 PM	Motorized Vehicle	Yes	Left Turn	0	2	0	1	1	0	0	\$20,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
212	87919136	11/26/2019	Tuesday	9:48 AM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$3,500	Daylight	Dry	IMPROPER LANE CHANGE
213	87919178	11/29/2019	Friday	1:17 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$5,000	Daylight	Dry	CARELESS DRIVING
214	87919214	12/2/2019	Monday	5:44 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,050	Dark - Lighted	Dry	CARELESS DRIVING
215	87919260	12/5/2019	Thursday	4:09 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$0	Daylight	Dry	CARELESS DRIVING
216	87919365	12/13/2019	Friday	8:20 AM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$400	Daylight	Wet	IMPROPER TURN
217	88698893	12/19/2019	Thursday	5:41 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,750	Dark - Lighted	Dry	CARELESS DRIVING
218	88699028	12/31/2019	Tuesday	12:40 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	CARELESS DRIVING
219	88699142	1/11/2020	Saturday	11:01 PM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$10,000	Dark - Lighted	Dry	CARELESS DRIVING
220	88699190	1/16/2020	Thursday	1:01 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,500	Daylight	Dry	CARELESS DRIVING
221	88699195	1/16/2020	Thursday	3:25 PM	Motorized Vehicle	No	Angle	0	0	0	0	0	0	0	\$13,000	Daylight	Dry	IMPROPER TURN
222	88699362	1/31/2020	Friday	11:03 PM	Motorized Vehicle	No	Off Road	0	1	0	1	0	0	0	\$20,000	Dark - Lighted	Wet	FAILED TO MAINTAIN VEHICLE
223	88699369	2/1/2020	Saturday	1:22 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,500	Daylight	Dry	CARELESS DRIVING
224	88699500	2/12/2020	Wednesday	3:26 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$20,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
225	88699528	2/14/2020	Friday	9:57 AM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$10,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
226	88699769	3/5/2020	Thursday	4:35 PM	Motorized Vehicle	No	Angle	0	0	0	0	0	0	0	\$3,500	Daylight	Dry	DISREGARDED TRAFFIC SIGNAL
227	88699811	3/9/2020	Monday	6:37 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,500	Daylight	Dry	CARELESS DRIVING
228	88699924	3/20/2020	Friday	10:06 PM	Motorized Vehicle	No	Angle	0	0	0	0	0	0	0	\$3,000	Dark - Lighted	Dry	IMPROPER TURN
229	88699947	3/27/2020	Friday	7:07 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	CARELESS DRIVING
230	88700016	4/15/2020	Wednesday	8:29 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,500	Dark - Lighted	Dry	CARELESS DRIVING
231	88700201	5/15/2020	Friday	1:27 PM	Motorized Vehicle	No	Other	0	0	0	0	0	0	0	\$3,500	Daylight	Wet	ALL OTHER
232	88700288	5/28/2020	Thursday	7:34 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$200	Daylight	Dry	CARELESS DRIVING
233	88700688	7/24/2020	Friday	8:30 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$250	Daylight	Dry	CARELESS DRIVING
234	88700747	7/31/2020	Friday	11:33 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$500	Daylight	Dry	CARELESS DRIVING
235	88700755	7/31/2020	Friday	5:54 PM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$3,500	Daylight	Dry	CARELESS DRIVING
236	88700768	8/1/2020	Saturday	4:19 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,500	Daylight	Wet	CARELESS DRIVING
237	88700912	8/20/2020	Thursday	3:56 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$4,000	Daylight	Wet	CARELESS DRIVING
238	88700945	8/25/2020	Tuesday	1:23 PM	Motorized Vehicle	Yes	Rear End	0	1	0	0	1	0	0	\$3,000	Daylight	Dry	CARELESS DRIVING
239	88700958	8/27/2020	Thursday	12:59 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$3,000	Daylight	Dry	CARELESS DRIVING
240	88700979	8/29/2020	Saturday	6:07 PM	Motorized Vehicle	No	Unknown	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	IMPROPER LANE CHANGE
241	88701011	9/3/2020	Thursday	4:04 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$6,000	Daylight	Dry	CARELESS DRIVING
242	88701024	9/4/2020	Friday	9:21 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$10,000	Dark - Lighted	Dry	FAILED TO YIELD RIGHT OF WAY
243	88701018	9/4/2020	Friday	2:34 PM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$2,500	Daylight	Dry	CARELESS DRIVING
244	88701046	9/7/2020	Monday	2:19 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$10,300	Daylight	Dry	CARELESS DRIVING
245	88701105	9/14/2020	Monday	8:59 AM	Motorized Vehicle	No	Sideswipe	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	IMPROPER TURN
246	88701243	9/30/2020	Wednesday	3:47 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$6,000	Daylight	Wet	CARELESS DRIVING
247	88701410	10/19/2020	Monday	7:55 PM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$2,000	Dark - Lighted	Wet	FAILED TO YIELD RIGHT OF WAY
248	88701466	10/26/2020	Monday	11:26 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,800	Daylight	Dry	CARELESS DRIVING
249	88701558	11/6/2020	Friday	10:46 AM	Motorized Vehicle	No	Angle	0	1	0	0	1	0	0	\$10,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
250	88701580	11/10/2020	Tuesday	10:41 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,200	Daylight	Dry	CARELESS DRIVING
251	88701603	11/13/2020	Friday	9:45 AM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$6,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY
252	88701624	11/15/2020	Sunday	12:04 PM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$2,500	Daylight	Dry	CARELESS DRIVING
253	8																	

CRASH REF. NO.	HSMV NO.	DATE	DAY	TIME	Vehicle Type Involved	ALCOHOL / DRUGS	CRASH TYPE	FATAL	INJURY	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY	NON- TRAFFIC FATALITY	FATALITY WITHIN 30 DAYS	PROPERTY DAMAGE	LIGHTING CONDITION	PAVEMENT CONDITIONS	CONTRIBUTING CAUSE	
264	89992789	2/23/2021	Tuesday	7:43 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,800	Daylight	Dry	CARELESS DRIVING	
265	89992833	2/27/2021	Saturday	12:36 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	CARELESS DRIVING	
266	89993106	3/29/2021	Monday	10:52 AM	Motorized Vehicle	No	Rear End	0	1	0	0	1	0	0	\$3,000	Daylight	Dry	CARELESS DRIVING	
267	89993261	4/13/2021	Tuesday	7:27 PM	Motorized Vehicle	No	Left Turn	0	1	0	0	1	0	0	\$20,000	Dusk	Dry	FAILED TO YIELD RIGHT OF WAY	
268	89993265	4/14/2021	Wednesday	1:01 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$10,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY	
269	89993266	4/14/2021	Wednesday	3:10 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,500	Daylight	Dry	CARELESS DRIVING	
270	89993333	4/21/2021	Wednesday	10:23 AM	Motorized Vehicle	No	Left Turn	0	1	0	1	0	0	0	\$20,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY	
271	89993385	4/25/2021	Sunday	9:38 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$400	Dark - Lighted	Dry	CARELESS DRIVING	
272	89993383	4/25/2021	Sunday	9:28 PM	Motorized Vehicle	No	Left Turn	0	0	0	0	0	0	0	\$9,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY	
273	89993408	4/28/2021	Wednesday	2:39 PM	Motorized Vehicle	No	Left Turn	0	2	0	0	2	0	0	\$15,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY	
274	89993453	5/2/2021	Sunday	11:55 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING	
275	89993465	5/3/2021	Monday	12:27 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$100	Daylight	Dry	CARELESS DRIVING	
276	89993521	5/8/2021	Saturday	6:26 PM	Motorized Vehicle	No	Head On	0	0	0	0	0	0	0	\$3,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY	
277	89993587	5/15/2021	Saturday	2:22 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,000	Daylight	Dry	CARELESS DRIVING	
278	89993648	5/21/2021	Friday	5:19 PM	Motorized Vehicle	No	Rear End	0	3	0	0	3	0	0	\$10,000	Daylight	Dry	CARELESS DRIVING	
279	89993667	5/22/2021	Saturday	10:02 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$300	Dark - Lighted	Dry	CARELESS DRIVING	
280	89993679	5/25/2021	Tuesday	8:06 AM	Pedalcycle	No	Bicycle	0	1	0	1	0	0	0	\$0	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY	
281	899XXXXX	6/7/2021	Monday	9:24 AM	Motorized Vehicle	No	Left Turn	0	2	0	0	2	0	0	\$15,000	Daylight	Dry	FAILED TO YIELD RIGHT OF WAY	
282	899XXXXX	6/11/2021	Friday	9:27 PM	Motorized Vehicle	No	Angle	0	0	0	0	0	0	0	\$11,000	Dark - Lighted	Dry	ALL OTHER	
283	899XXXXX	6/15/2021	Tuesday	5:07 PM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$1,500	Daylight	Wet	CARELESS DRIVING	
284	899XXXXX	6/15/2021	Tuesday	10:27 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$2,000	Daylight	Dry	CARELESS DRIVING	
285	899XXXXX	6/17/2021	Thursday	3:41 PM	Motorized Vehicle	No	Angle	0	2	0	2	0	0	0	\$10,000	Daylight	Dry	ALL OTHER	
286	899XXXXX	7/16/2021	Friday	5:17 PM	Motorized Vehicle	No	Other	0	0	0	0	0	0	0	\$1,400	Daylight	Dry	ALL OTHER	
287	899XXXXX	7/29/2021	Thursday	8:46 AM	Motorized Vehicle	No	Rear End	0	0	0	0	0	0	0	\$500	Daylight	Dry	CARELESS DRIVING	
<b>TOTAL</b>								<b>0</b>	<b>125</b>	<b>3</b>	<b>25</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ 1,477,158</b>			

CRASH DESCRIPTION																		
TOTAL CRASHES	FATAL	INJURY CRASHES	TOTAL INJURIES	INCAPACITATING	NON- INCAPACITATING	POSSIBLE INJURY	NON-TRAFFIC FATALITY	FATALITY WITHIN 30 DAYS	PROPERTY DAMAGE CRASHES	PEDESTRIAN/PEDALCYCLE	MOTORIZED VEHICLE	LIGHTING CONDITION					ROADWAY CONDITIONS	
												DAYLIGHT	DARK-LIGHTED	DARK-NOT LIGHTED	DUSK	DAWN	WET	DRY
287	0	81	125	3	25	97	0	0	206	5	282	221	52	1	11	2	31	256
100%	0%	28%	44%	1%	9%	34%	0%	0%	72%	2%	98%	77.00%	18.12%	0.35%	3.83%	0.70%	10.80%	89.20%
CRASH TYPE											CONTRIBUTING CAUSE							
ANGLE	LEFT TURN	RIGHT TURN	REAR END	SIDESWIPE	HEAD ON	PEDESTRIAN	Bicycle	RAN OFF ROAD	ALL OTHER	CARELESS DRIVING	FAILED TO YIELD RIGHT OF WAY	IMPROPER BACKING	IMPROPER LANE CHANGE	IMPROPER TURN	DISREGARDED TRAFFIC SIGNAL	EXCEEDED STATED SAFE SPEED LIMIT	DISREGARDED STOP SIGN	ALL OTHER
13	56	7	162	28	3	3	2	10	3	165	75	0	24	5	4	1	9	4
4.53%	19.51%	2.44%	56.45%	9.76%	1.05%	1.05%	0.70%	3.48%	1.05%	57.49%	26.13%	0.00%	8.36%	1.74%	1.39%	0.35%	3.14%	1.39%

## **Appendix B – Field Photographs**





Looking east into the intersection



Looking east into the intersection



Looking east into the intersection



Looking into the intersection from the southwest corner





Looking east from the southeast quadrant



Looking north across the west leg





Looking east across the south leg



Looking west across the south leg



Looking north across the east leg



Looking south across the east leg



Looking west across the north leg



Looking west into the intersection





Looking east from the intersection



Looking east into the intersection



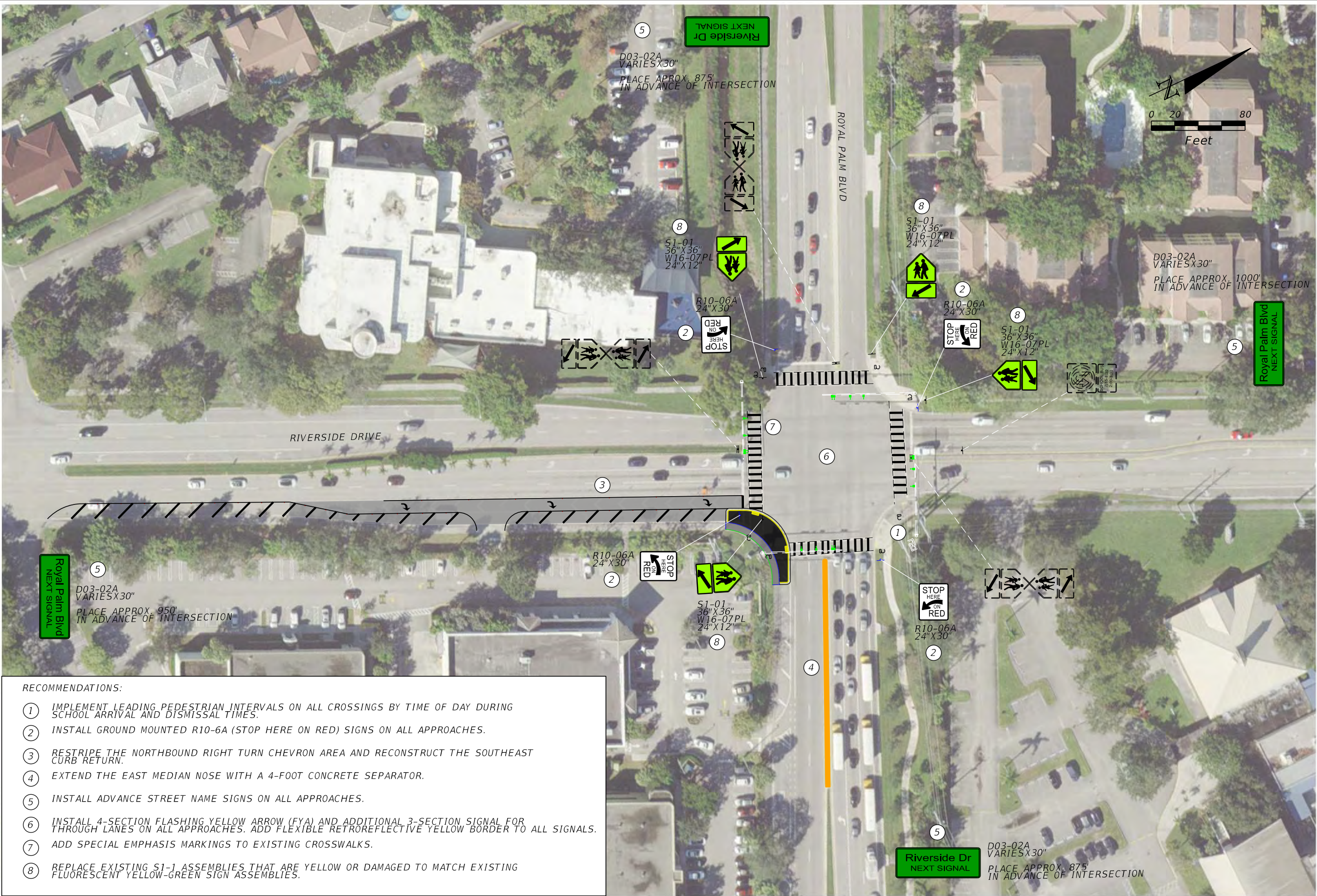
Looking south into the intersection



Looking southeast from the northwest quadrant

# Appendix C – Conceptual Improvement Diagram





- RECOMMENDATIONS:**
- ① IMPLEMENT LEADING PEDESTRIAN INTERVALS ON ALL CROSSINGS BY TIME OF DAY DURING SCHOOL ARRIVAL AND DISMISSAL TIMES.
  - ② INSTALL GROUND MOUNTED R10-6A (STOP HERE ON RED) SIGNS ON ALL APPROACHES.
  - ③ RESTRIPE THE NORTHBOUND RIGHT TURN CHEVRON AREA AND RECONSTRUCT THE SOUTHEAST CURB RETURN.
  - ④ EXTEND THE EAST MEDIAN NOSE WITH A 4-FOOT CONCRETE SEPARATOR.
  - ⑤ INSTALL ADVANCE STREET NAME SIGNS ON ALL APPROACHES.
  - ⑥ INSTALL 4-SECTION FLASHING YELLOW ARROW (FYA) AND ADDITIONAL 3-SECTION SIGNAL FOR THROUGH LANES ON ALL APPROACHES. ADD FLEXIBLE RETROREFLECTIVE YELLOW BORDER TO ALL SIGNALS.
  - ⑦ ADD SPECIAL EMPHASIS MARKINGS TO EXISTING CROSSWALKS.
  - ⑧ REPLACE EXISTING S1-1 ASSEMBLIES THAT ARE YELLOW OR DAMAGED TO MATCH EXISTING FLUORESCENT YELLOW-GREEN SIGN ASSEMBLIES.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BROWARD	

**CONCEPT PLAN  
ROYAL PALM BLVD AT  
RIVERSIDE DR**

SHEET NO.  
2



## **Appendix D – Construction Cost Estimate**

ENGINEER'S ESTIMATE - Royal Palm Blvd. at Riverside Dr.

PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
0101 1	MOBILIZATION	LS	1	10%	See Below
0102 1	MAINTENANCE OF TRAFFIC	LS	1	10%	See Below
0104 10 3	SEDIMENT BARRIER	LF	715	\$1.12	\$800.80
0104 18	INLET PROTECTION SYSTEM	EA	8	\$111.56	\$892.48
0110 1 1	CLEARING & GRUBBING	AC	1.0	\$8,675.58	\$9,105.77
0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	0.9	\$16.52	\$14.68
0520 5 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	194	\$53.73	\$10,423.62
0327 70 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	835.00	\$2.15	\$1,795.25
0337 7 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	68.9	\$112.25	\$7,732.62
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	170	\$51.77	\$8,783.64
0527 2	DETECTABLE WARNINGS	SF	24	\$27.93	\$670.32
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	115	\$22.84	\$2,626.60
0706 1 3	RAISED PAVEMENT MARKER, TYPE B	EA	31	\$3.78	\$117.18
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	597	\$14.66	\$8,752.02
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	382	\$2.62	\$1,000.84
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.171	\$3,906.86	\$668.90
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	3	\$229.80	\$689.40
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	8	\$353.32	\$2,826.56
0700 2 12	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	4	\$3,584.70	\$14,338.80
0632 7 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1	\$4,549.31	\$4,549.31
0650 1 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	8	\$1,022.00	\$8,176.00
0650 1 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	4	\$1,363.76	\$5,455.04
0671 2 40	TRAFFIC CONTROLLER, MODIFY	EA	1	\$1,892.00	\$1,892.00
999-25	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS		5%	See Below
	CONTINGENCY (PROJECT UNKNOWNNS)	LS		15%	See Below
				SUBTOTAL:	\$91,311.85
				(101-1) MOB (MOBILIZATION)	10%
					\$9,131.18
				SUBTOTAL:	\$100,443.03
				(102-1) MOT (MAINTENANCE OF TRAFFIC)	10%
					\$10,044.30
				SUBTOTAL:	\$110,487.33
				PU (PROJECT UNKNOWNNS)	15%
					\$16,573.10
				SUBTOTAL:	\$127,060.43
				(999-25) INITIAL CONTINGENCY (DO NOT BID)	5%
					\$6,353.02
				SUBTOTAL:	\$133,413.45
				RIGHT-OF-WAY	\$0.00
				<b>PROJECT TOTAL:</b>	<b>\$133,413.45</b>

12 Month Area 12 Average Unit Costs 12/1/2020 - 11/30/2021



## **Appendix E – Benefit Cost Analysis**

**Benefit-Cost Analysis**

District: **Four** County: **86 - Broward** Date Prepared: **01/18/22**

Location: **Royal Palm Boulevard at Riverside Drive**

Section : \_\_\_\_\_ Beg. Milepost : \_\_\_\_\_ End Milepost : \_\_\_\_\_  
Rdway Type: **4 - 5 Lanes Suburban Divided**

Control Element: **Other (describe in box below)**

Add 3-inch yellow retroreflective sheeting to signal backplates. Convert 5-section signal heads to 4-section FYA.  
Add advanced street name signs on all approaches.

**ANNUAL COST OF IMPROVEMENTS**

Type	Cost	Service Life	Capital Recovery		Total
			Factor		
ROW		100	0.0408	\$	-
P.E.C.E.I.	\$ 40,024.04	15	0.0899	\$	3,598.16
Structure		75	0.0425	\$	-
Roadway	\$133,413.45	20	0.0736	\$	9,819.23
Drainage		20	0.0736	\$	-
Signal		20	0.0736	\$	-
Other		20	0.0736	\$	-
Sub-Total	\$ 173,437.49			\$	13,417.39
				Annual Cost = \$	13,417.39

Total number of crashes = 231  
# of correctable crashes, PC = 231  
# of years of crash data, YD = 5  
PC/YD = 46.20  
Crash reduction factor, CRF = 21.88%  
CRF x (PC/YD) = 10.11  
Cost per crash, CPC = \$225,315.00  
Benefit = \$2,277,635

Primary crash reduction factor (%): 15  
Add 3-inch yellow retroreflective sheeting to signal backplates  
Additional crash reduction factor: 6.6  
Change from 5-section "doghouse" protected/permissive  
Additional crash reduction factor: 1.6  
Advance street name signs

**BENEFIT/COST RATIO**

$$\frac{\text{Benefit}}{\text{Cost}} = \frac{\$2,277,635.18}{\$13,417.39} = \mathbf{169.75}$$

Countermeasure: Add 3-inch yellow retroreflective sheeting to signal backplates. Applies to all crash types, all severities.  
Countermeasure: Change from 5-section "doghouse" protected/permissive left turn to flashing yellow arrow protected/permissive left turn. Applies to all crash types, all severities. Countermeasure: Advance street name signs. Applies to all crash types, all severities.

Prepared by: **VHB**

## **Appendix F – Net Present Value**



## Net Present Value (NPV)

Project Name	Royal Palm Blvd at Riverside Dr Safety Study	Project Description	
Project Category	Signalized Intersection	Add 3-inch yellow retroreflective sheeting to signal backplates. Convert 5-section signal heads to 4-section FYA. Add advanced street name signs on all approaches.	
Current Year	2022	<div style="border: 1px solid black; padding: 5px; background-color: #e0e0e0;"> <b>NPV</b>   <b>\$30,780,368</b> </div>	
Project Completion	2024		
Project Life	20		
Project Ends	2042		
Discount Rate	0.04		
Cost / Benefits			
Year #	Calendar Year	Estimated Cost	Estimated Benefits
0	2022	\$173,437	\$0
1	2023	\$0	\$2,277,635
2	2024	\$0	\$2,277,635
3	2025	\$0	\$2,277,635
4	2026	\$0	\$2,277,635
5	2027	\$0	\$2,277,635
6	2028	\$0	\$2,277,635
7	2029	\$0	\$2,277,635
8	2030	\$0	\$2,277,635
9	2031	\$0	\$2,277,635
10	2032	\$0	\$2,277,635
11	2033	\$0	\$2,277,635
12	2034	\$0	\$2,277,635
13	2035	\$0	\$2,277,635
14	2036	\$0	\$2,277,635
15	2037	\$0	\$2,277,635
16	2038	\$0	\$2,277,635
17	2039	\$0	\$2,277,635
18	2040	\$0	\$2,277,635
19	2041	\$0	\$2,277,635
20	2042	\$0	\$2,277,635
Calculation			
Discount Factor	Discount Cost	Discounted Benefits	
1.000	(\$173,437)	\$0	
0.962	\$0	\$2,190,034	
0.925	\$0	\$2,105,802	
0.889	\$0	\$2,024,809	
0.855	\$0	\$1,946,932	
0.822	\$0	\$1,872,050	
0.790	\$0	\$1,800,048	
0.760	\$0	\$1,730,816	
0.731	\$0	\$1,664,246	
0.703	\$0	\$1,600,236	
0.676	\$0	\$1,538,689	
0.650	\$0	\$1,479,508	
0.625	\$0	\$1,422,604	
0.601	\$0	\$1,367,889	
0.577	\$0	\$1,315,278	
0.555	\$0	\$1,264,690	
0.534	\$0	\$1,216,048	
0.513	\$0	\$1,169,277	
0.494	\$0	\$1,124,305	
0.475	\$0	\$1,081,062	
0.456	\$0	\$1,039,483	

# **Appendix G – Candidate Project Feasibility Checklist for TSM&O/Safety Program Funds**

**Candidate Project Feasibility Checklist for TSM&O/Safety Program Funds**

*The project requires additional feasibility review if "Yes" is checked for questions 1, 2, 3, 5, 6, or 7.*

1. Will the proposed project need right of way?

- Yes       No       Unknown

Source(s) to determine existing right of way: Field inspection of existing typical section elements (i.e., back of sidewalk). Review of Broward County property appraiser GIS of property lines.

2. Will the proposed project have utility impacts or require utility adjustments?

- Yes       No       Unknown

Source(s) to determine existing utilities: Review of field conditions of above ground utilities, manhole covers, valves, and other markers. The majority of work will done within the limits of the existing roadway will not include underground work.

3. Does the proposed project modify existing access to residences or businesses?

- Yes       No       Unknown

3a. If answered "Yes" to the above, please describe the process needed to gain approval to make the proposed access changes: Walgreen's in the southeast quadrant has a right-in/right-out driveway on Royal Palm Boulevard. The existing signing and pavement markings restrict left-in and left-out movements. However, these movements are not restricted by physical features. A median separator is proposed to physically restrict the movements. This should not be considered a change to access since the separator is only reinforcing the current access restrictions.

4. Can the project be designed to meet all applicable design criteria and standards?

- Yes       No       Unknown

4a. If answered "No" to the above, can design exceptions or variations reasonably be obtained?

- Yes       No       Unknown

Please provide a preliminary list of exceptions and/or variations: \_\_\_\_\_

5. Does the project impact existing structures?

- Yes       No

5a. If answered "Yes" to the above, has a preliminary structural review been conducted to determine the acceptability of the impact and all costs been accounted for in the estimate?

- Yes       No

6. Does the project affect environmental or cultural resources?

- Yes       No       Unknown



7. Are any other agency permits required?

- Yes       No       Unknown

8. Does the project require a project development and environment (PD&E) study?

- Yes       No       Unknown

8a. If answered "Yes" to the above, what level of PD&E is anticipated?

- Type 1 Categorical Exclusion       Type 2 Categorical Exclusion       Environmental Assessment  
(see FDOT [Type 1 CE Checklist](#))      or Impact Statement

9. Is the agency, or agencies for intersections, with jurisdiction over the facility in support of the project?

- Yes       No       Unknown



Move People & Goods | Create Jobs | Strengthen Communities

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[BrowardMPO.org](http://BrowardMPO.org)

For complaints, questions or concerns about civil rights or nondiscrimination; or for special requests under the Americans with Disabilities Act, please contact Erica Lychak,

For more information, please contact:

Title VI Coordinator at (954) 876-0058 or [lychake@browardmpo.org](mailto:lychake@browardmpo.org).