

MEMORANDUM
FROM THE OFFICE OF THE CITY MANAGER

To: Mayor and City Commission

From: Pam Brangaccio, City Manager *PJB*

Re: **City Manager's Report – August 11, 2015**

Date: August 2, 2015

The County and the City have begun airing hourly beach traffic info on WSBB. These spots will only air weekends only through Labor Day, and will include information from the Beach and NSB Police Department. The 30-second spots will be tagged with "This message brought to you by Volusia County Government and the City of New Smyrna Beach." The cost of these ads will be split with the County. Our half of the partnership will be \$2,000.

Please find attached the FDOT's response letter and corresponding reports for the review of the need for emergency traffic signals on SR 44 for Fire Stations #50 and #52. The findings were that emergency traffic signals were not justifiable at this time, however recommendations were made for some signage changes, the addition of preemption equipment for the intersection of SR 44 and Mission Drive/Wallace Road and to add detectable warning surfaces on both sides of the fire station driveway. An appeal letter was mailed on July 31st.

Holly Smith, Marketing/PIO Manager submitted a summary of City and CRA initiatives and highlights for the months of June and July, which are attached.

Commissioner Sachs and I attended the 3rd Annual "One Volusia" event on July 24th at the Daytona International Speedway.

See attached letter that was received from the Florida Public Utilities informing the City that they are upgrading the facilities and infrastructure in our area; that will enhance the long-term quality, reliability and safety of the services provided.

Faith Miller continues to be in contact with Thomas Drake of the Federal Railroad Administration regarding the establishment of Quiet Zones in New Smyrna Beach. Mr. Drake will be visiting New Smyrna Beach in mid-September to work with the City staff on the Quiet Zone application.

The North Causeway Beautification project start date has been delayed due to unanticipated electrical design modifications. An agreement is also required with the Utilities Commission for long-term ownership and maintenance of the fixtures. A change order and amendment to the JPA with FDOT is on the August 11th agenda.

Please see attached letters received from Volkert, Inc.'s latest evaluation of the Fifth Street Bridge and the Barracuda Bridge. Also attached is a response letter from Kyle Fegley to FDOT acknowledging the need to perform corrective action as both of these bridges are listed with critical deficiencies. There is \$100,000 budgeted in the upcoming fiscal year to perform additional remedial repairs on the Fifth Street bridge, while the process of procuring funding for adequately repairing the deficiencies and/or to replace the structure continues. The City Engineer has recommended that Fire Rescue vehicles avoid the Barracuda Bridge and instead utilize Quay Assisi from the N. Causeway. He will also contact the School Board and Waste Pro. A design-bid packet will be going out this fall for bids.

Please see attached correspondence from Waste Pro regarding non-pickup when debris is mixed i.e. yard waste, garbage and construction debris; and the flyer that is distributed to customers that are in non-compliance with the trash pickup guidelines.

Tony Otte, Economic Development Director is working in conjunction with representatives from the City of Edgewater and the Volusia Manufacturing Association on a proposal toward securing and implementing some workforce training funded by Career Source. Instruction on basic skills, with specific learning objectives to be approved by the business owner. In the working proposal the business owner would only pay the wages of the workers since they are "at work" during the training. They are also looking at how to increase the number of students entering manufacturing fields after high school graduation, to fill the pipeline of applicants for the future.

Attached is a flyer distributed by Jack White in reference to the Tabby House project beginning construction, and parking restrictions that will be necessary during construction.

Donna Banks, Community Resource Coordinator has been working to plan this years' Health Fair and Senior Summit which will take place on Wednesday, September 30th.

Please find attached a letter from the FDEP regarding the review of the Supplemental Site Assessment that was submitted for the 504 Industrial Park Avenue Property. The SSAR was deemed to be acceptable within the required guidelines.

A meeting with the C.O.A. CEO to discuss a future Live Oak Activity Center will take place in late August. The City Manager has also been reviewing a proposal from the City of Edgewater for a competitive pool to be constructed; as well as evaluating a request for a possible pool in the long-term CIP plan for Chisholm Elementary.

Should you have any questions or need additional information or clarification, on any of the items presented in this report, please let me know.



Florida Department of Transportation

RICK SCOTT
GOVERNOR

719 South Woodland Boulevard
DeLand, Florida 32720

JIM BOXOLD
SECRETARY

July 13, 2015

Mr. Khalid Resheidat, P.E.
Assistant City Manager
City of New Smyrna Beach
124 Industrial Park Avenue
New Smyrna Beach, Florida 32168

Re: Section 79070 – State Road 44 at Fire Stations #50 & #52
Volusia County

Dear Mr. Resheidat:

We have completed our review of the need for emergency traffic signals on SR 44 at Fire Stations #50 and #52. We found that emergency traffic signals at either location are not justified at this time. Our review determined that there are no operational constraints or a documented safety issue which would justify the increased crash potential from the emergency signals.

At Fire Station #50, we found that emergency response could be improved by installing emergency vehicle preemption equipment at the intersection of SR 44 and Mission Drive/Wallace Road. We request that the City considers coordinating with Volusia County, the maintaining agency for the signal, to install the necessary equipment.

We also found the need to install post mounted Emergency Vehicle (W11-8) warning signs on SR 44, lower the height of existing ONE WAY and DO NOT ENTER signs at the fire station driveway, and add detectable warning surfaces on both sides of the fire station driveway. By copy of this letter, we request our local maintenance unit to arrange for these signing and sidewalk improvements.

July 13, 2015
Mr. Khalid Resheidat
Re: Section 79070
Page 2

At Fire Station #52, we also found that emergency response could be improved by installing emergency vehicle preemption equipment at the intersection of SR 44 and Saxon Drive/Horton Street and at SR 44 and Peninsula Avenue. We request that the City considers coordinating with Volusia County to install the necessary equipment. Our study also found the need to evaluate the existing in-station preemption equipment to determine if it is working properly. Copies of both studies are enclosed for your use.

Sincerely,



Richard B. Morrow, P.E.
District Traffic Operations Engineer
District Five

RBM:jw:cac:d
Enclosures

cc: Mayor Jim Hathaway
Vice Mayor Kirk Jones
Commissioner Jason McGuirk
Commissioner Judy Reiker
Commissioner Jacob Sachs
Pam Brangaccio, City Manager
Mr. Jon Cheney (w/enclosures)
Ms. Christine Barone (w/enclosure)
Mr. Jim Stroz
Ms. Jackie Michalos

**FINAL COMPOSITE STUDY
(QA and Collision Analysis)**

SR 44 at Fire Station #52
Section 79070 - MP 30.632 +/-
Volusia County

Prepared for:

**THE FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 5 TRAFFIC OPERATIONS**

719 South Woodland Boulevard
DeLand, Florida 32720



Districtwide Continuing Services Contract for Traffic Operations
Financial Project ID: 237988-1-32-10
Contract No.: C-9444
HNTB No.: 56721-PL-100-002
Task Work Order: 100
Study 2

Prepared by:
HNTB Corporation
610 Crescent Executive Court, Suite 400
Lake Mary, Florida 32746

June 26, 2015



**FINAL COMPOSITE STUDY
(QA and Collision Analysis)**

SR 44 at Fire Station #52
Section 79070 - MP 30.632 +/-
Volusia County

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Lake Mary, Florida 32746

June 26, 2015

Professional Engineer: Colleen T. Jarrell
P.E. Number: 60128

Project Location Map



Summary of Existing Conditions

Feature	Description
Main Street	<ul style="list-style-type: none"> SR 44
Side Street	<ul style="list-style-type: none"> North Approach: Driveway exit for Fire Station #52
Area Location	<ul style="list-style-type: none"> The roadway section is located in New Smyrna Beach, Volusia County, Florida.
Surrounding Development	<ul style="list-style-type: none"> Commercial along SR 44 and residential properties are adjacent to this section of roadway.
Adjacent Land Uses	<ul style="list-style-type: none"> Northeast- Beachwood Animal Clinic Northwest- Fire Station #52 Southwest- PJ's Sea Shack Southeast- PJ's Sea Shack
Traffic Control	<ul style="list-style-type: none"> Stop control on the northbound and southbound approaches.
Adjacent Signalized Intersections	<ul style="list-style-type: none"> Peninsula Avenue is located approximately 970 feet to the west. Saxon Drive/Horton Street is located approximately 960 feet to the east.
SR 44	<ul style="list-style-type: none"> <u>Cross Section</u>- Five-lane undivided roadway with a closed drainage system. <u>Posted Speed Limit</u>- 40 mph. <u>East Approach Lanes</u>- A center two-way left turn lane and two through lanes. <u>West Approach Lanes</u>- A center two-way left turn lane and two through lanes. <u>Sidewalks</u>- Along both sides. <u>Bike lanes</u>- Unmarked along both sides. <u>Utilities</u>- Overhead utilities along the south side of the roadway. <u>Street Lighting</u>- Along both sides of the roadway.
Fire Station #52 Exit	<ul style="list-style-type: none"> <u>Cross Section</u>- Driveway. <u>Posted Speed Limit</u>- Not posted. <u>North Approach Lanes</u>- One mixed-use lane for all movements. <u>South Approach Lanes</u>- One mixed-use lane for all movements. <u>Sidewalks</u>- None provided. <u>Utilities</u>- None. <u>Street Lighting</u>- Lighting within the fire station parking lot.
Other Features	<ul style="list-style-type: none"> None

QUALITATIVE ASSESSMENT

The exit driveway of SR 44 at Fire Station #52 was observed by a registered professional engineer to assess the existing operating conditions and to determine what, if any, improvements could be made to improve the safety and efficiency on this section of roadway.

Request: A request was made by the City of New Smyrna Beach to review the driveway with regards to installing an emergency traffic signal for the fire station exit.

Operations: Operations include the efficiency of operation and interaction of motor vehicles, pedestrians and bicycles on the roadway. Following are the observations relating to these factors:

- The fire station is located within the 5-lane section of SR 44 (two lanes in each direction with a center two-way left turn lane). Emergency Vehicle (W11-8) signs are mounted in advance of the fire station. Traffic on SR 44 appeared to be traveling at or below the 40 mph posted speed limit.
- Turning movement counts were not performed at this intersection as the fire station exit was the focus of the review and traffic volumes from the fire station would be considered minimal.
- The driveway to PJ's Sea Shack is offset to the east slightly from the fire station driveway exit. No conflicts were noted with traffic entering or exiting this driveway.
- Emergency vehicle access onto SR 44 was not observed as no emergency calls occurred during the field review. Discussions with station staff indicated that they receive approximately 1,500 calls per year.
- A preemption call button is provided inside the station and was activated during the field review; however it did not appear to adjust the phasing at the adjacent signalized intersections. The nearest traffic signals are located at Saxon Drive/Horton Street (960' to the west) and Peninsula Avenue (970' to the east). Recent signal plans show that preemption equipment was to be relocated from the old signal cabinet to the new signal cabinet for the intersection of SR 44 at Saxon Drive/Horton Street. **Consideration should be given to evaluating the equipment in the station and at the adjacent intersections to determine if it's working properly.**
- The emergency response vehicles are equipped with in-vehicle equipment to preempt traffic signals while traveling to an emergency call. The adjacent signals do not appear to be equipped with preemption equipment (Opticom or GPS). **Consideration should be given to installing preemption equipment at the adjacent signalized intersections (Saxon Drive/Horton Street and Peninsula Avenue).** This would help responders move through the intersections more quickly during peak beach traffic times when the traffic queues extend beyond the fire station driveway.
- Section 3.4 of the FDOT Traffic Engineering Manual (TEM) states that an Emergency Traffic Control Signal shall be considered if one of the warrants related to traffic volumes, geometric conditions or adjacent traffic signals are met. The Emergency Vehicle Signal Warrant form is provided in the Appendix. The study location meets one of the warrants from the TEM. Traffic volumes were obtained from the FDOT Florida Traffic Online for 2013

and these volumes exceed the minimum volume requirements (peak hour and daily) for progressively timed facilities. The station is designed such that emergency vehicles enter into the station along 2nd Avenue along the north side of the station and therefore do not block traffic while backing in. The location of the driveway did not conflict with traffic queues from adjacent intersections during the field reviews. During peak beach attendance periods, eastbound and westbound traffic can be expected to queue to and past the driveway. There are advanced warning signs on the approaches to the fire station to warn drivers that there is a possibility of entering emergency vehicles.

- Although the traffic volumes exceed the minimum requirements, an emergency signal should not be installed at this time. There are no operational constraints or a documented safety issue which would justify the increased crash potential from an emergency signal.

Safety: Vehicle, pedestrian and bicycle safety at the roadway section are assessed through review of crash reports, identification of significant crash trends, then correlation to field conditions. Following are the observations relating to the safety of the roadway section:

- Collision data was obtained from the FDOT Crash Analysis Reporting System (CARS) and the University of Florida Signal Four Analytics crash mapping and analysis system for the time period from January 1, 2010 through February 28, 2015. No collisions were reported within the vicinity of the fire station driveway.

Maintenance: In addition to observing operational and safety conditions, correctible maintenance items are also identified during the field review. Following is a summary of maintenance items observed at the intersection:

- The existing roadway surface, signs and pavement markings along this section of SR 44 are in good condition.

A condition diagram, collision summary and collision diagram have been provided in the following pages.

Recommendations:

- 1) Evaluate intersection preemption equipment that is connected from Saxon Drive/Horton Street to the in-station equipment to determine if it's functioning.
- 2) Install in-vehicle preemption equipment at the intersections of SR 44 at Saxon Drive/Horton Street and at Peninsula Avenue.

East Approach Photographs



Looking west into the intersection along SR 44



Looking east from the intersection along SR 44

West Approach Photographs



Looking east into the intersection along SR 44



Looking west from the intersection along SR 44

North Approach Photographs



Looking south into the intersection along Fire Station #52 driveway



Looking north from the intersection along Fire Station #52 driveway

South Approach Photographs



Looking north into the intersection along the restaurant driveway



Looking south from the intersection along the restaurant driveway

Appendix

COUNTY: 79
 STATION: 5180
 DESCRIPTION: ON SR-A1A, 1.516 MI. SE OF SR-5 OVERPASS (UV)
 START DATE: 08/12/2013
 START TIME: 1200

TIME	DIRECTION: E				DIRECTION: W				COMBINED TOTAL		
	1ST	2ND	3RD	4TH	TOTAL	1ST	2ND	3RD		4TH	TOTAL
0000	14	28	14	16	72	17	15	17	9	58	
0100	12	12	7	10	41	11	10	7	6	34	
0200	8	5	5	4	22	13	6	8	5	32	
0300	7	7	2	5	21	4	6	5	6	21	
0400	2	11	6	9	28	9	7	14	14	44	
0500	4	12	12	36	64	16	26	31	44	117	
0600	32	53	47	79	211	52	51	76	90	269	
0700	66	90	103	150	409	126	137	128	156	547	
0800	130	133	166	178	607	135	147	146	182	610	
0900	168	149	172	181	670	155	163	139	179	636	
1000	194	184	214	236	828	177	162	192	185	716	
1100	190	229	183	271	873	208	183	187	181	759	
1200	223	224	238	208	893	209	205	210	213	837	
1300	227	210	219	200	856	201	217	228	211	857	
1400	207	232	202	180	821	226	234	232	234	926	
1500	177	203	205	189	774	236	226	223	195	880	
1600	204	215	218	224	861	231	227	223	207	888	
1700	208	205	210	187	810	204	222	206	181	813	
1800	171	210	160	157	698	214	170	159	156	699	
1900	142	139	133	138	552	163	126	130	127	546	
2000	110	109	107	109	435	112	100	109	72	393	
2100	72	90	61	58	281	89	77	70	59	295	
2200	63	53	42	49	207	71	53	43	47	214	
2300	22	30	22	21	95	48	34	29	25	136	
24-HOUR TOTALS:					11129					11327	22456

DIRECTION: E		DIRECTION: W	
COMBINED DIRECTIONS	COMBINED DIRECTIONS	COMBINED DIRECTIONS	COMBINED DIRECTIONS
HOUR	VOLUME	HOUR	VOLUME
A.M.	845	830	1307
P.M.	1215	1415	1757
DAILY	1145	1145	1761



Emergency Signal Traffic Signal Warrant

Warrant is satisfied Yes No

Section 79070 City New Smyrna Beach County Volusia
 State Road SR 44 Intersecting Roadway Fire Station #52
 M.P. 30.632 +/- Data by: CTJ Completed by: CTJ
 Posted Speed 40 mph Date: 3/20/2015 Date: 3/20/2015
 S.R. 44 is or is not progressively timed.

Number of Emergency Vehicle runs per year 1,500

Remarks: EB and WB queues extends past station exit during peak hours and peak seasons, however no collisions have been reported as a result of the queuing

Traffic Volume on State Route

State Rte. Number Of Lanes	Peak Hour		Meets	24 Hour ADT		Meets
	Min. Req.	Actual Volume		Min. Req.	Actual Volume	
<input type="checkbox"/> 2 Lanes	750		<input type="checkbox"/> Yes <input type="checkbox"/> No	7500		<input type="checkbox"/> Yes <input type="checkbox"/> No
	(1,000)*			(10,000)*		
<input checked="" type="checkbox"/> 4 Lanes	900		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9000		<input type="checkbox"/> Yes <input type="checkbox"/> No
	(1,200)*	1,757		(12,000)*	22,456	
<input type="checkbox"/> 6 Lanes	1200		<input type="checkbox"/> Yes <input type="checkbox"/> No	12000		<input type="checkbox"/> Yes <input type="checkbox"/> No
	(1,600)*			(16,000)*		

* Progressively Timed Facilities.

Supplemental Information

- Does Emergency Vehicle "back in" to service facility? Yes No
- Does Emergency Vehicle driveway conflict with queues at the adjacent signalized intersection? Yes No
- Does Emergency Vehicle driveway fall on a vertical curve? Yes No
- Does Emergency Vehicle driveway fall on a horizontal curve? Yes No
- Does Emergency Vehicle driveway fall mid-block? Yes No

Recommendation: An emergency signal should not be installed at this time

**FINAL COMPOSITE STUDY
(QA and Collision Analysis)**

SR 44 at Fire Station #50
Section 79070 - MP 28.107 +/-
Volusia County

Prepared for:

**THE FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 5 TRAFFIC OPERATIONS**

719 South Woodland Boulevard
DeLand, Florida 32720



Districtwide Continuing Services Contract for Traffic Operations
Financial Project ID: 237988-1-32-10
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HNTB No.: 56721-PL-100-001
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Study 1

Prepared by:
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610 Crescent Executive Court, Suite 400
Lake Mary, Florida 32746

June 26, 2015



**FINAL COMPOSITE STUDY
(QA and Collision Analysis)**

SR 44 at Fire Station #50
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Volusia County

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**THE FLORIDA DEPARTMENT OF TRANSPORTATION
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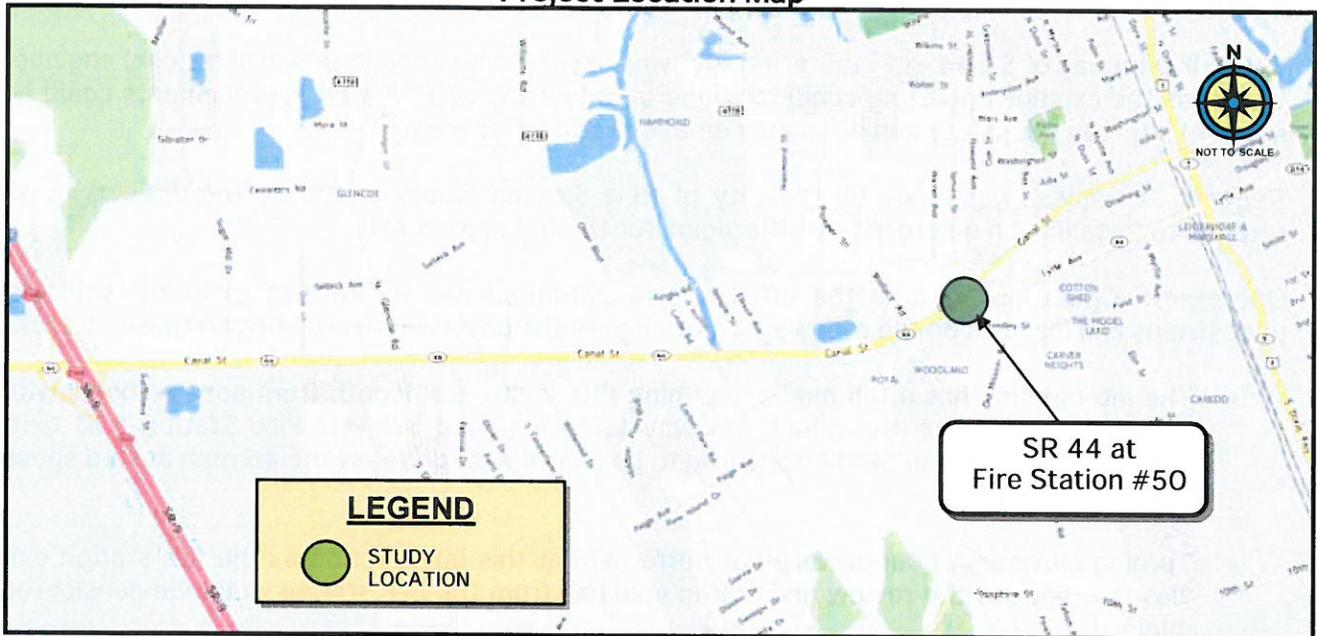
Districtwide Continuing Services Contract for Traffic Operations
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Prepared by:
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610 Crescent Executive Court, Suite 400
Lake Mary, Florida 32746

June 26, 2015

Professional Engineer: Colleen T. Jarrell
P.E. Number: 60128

Project Location Map



Summary of Existing Conditions

Feature	Description
Main Street	<ul style="list-style-type: none"> SR 44
Side Street	<ul style="list-style-type: none"> North Approach: SR 44 (Canal Street) South Approach: Driveway exit for Fire Station #50
Area Location	<ul style="list-style-type: none"> The roadway section is located in New Smyrna Beach, Volusia County, Florida.
Surrounding Development	<ul style="list-style-type: none"> Commercial along SR 44 and residential properties are adjacent to this section of roadway.
Adjacent Land Uses	<ul style="list-style-type: none"> Northeast- Vacant Northwest- Vacant Southwest- Tire Kingdom Southeast- Fire Station #50
Traffic Control	<ul style="list-style-type: none"> Stop control on the northbound and southbound approaches.
Adjacent Signalized Intersections	<ul style="list-style-type: none"> Mission Drive/Wallace Road is located approximately 1,190 feet to the west. Myrtle Avenue is located approximately 3,280 feet to the east.
SR 44	<ul style="list-style-type: none"> <u>Cross Section</u>- Four-lane divided roadway with a closed drainage system. <u>Posted Speed Limit</u>- 45 mph. <u>East Approach Lanes</u>- Two through lanes and one right turn lane. <u>West Approach Lanes</u>- One left turn lane and two through lanes. <u>Sidewalks</u>- Along both sides. <u>Bike lanes</u>- None provided. <u>Utilities</u>- None. <u>Street Lighting</u>- Along both sides of the roadway.
SR 44(Canal Street) / Fire Station #50 Exit	<ul style="list-style-type: none"> <u>Cross Section</u>- Two-lane undivided roadway with a closed drainage system. <u>Posted Speed Limit</u>- Not posted. <u>North Approach Lanes</u>- One mixed-use lane for all movements. <u>South Approach Lanes</u>- One mixed-use lane for all movements. <u>Sidewalks</u>- Along the east side of the north approach. <u>Utilities</u>- Overhead utilities cross from the southwest to northeast corners. <u>Street Lighting</u>- Along both sides of the roadway.
Other Features	<ul style="list-style-type: none"> None

QUALITATIVE ASSESSMENT

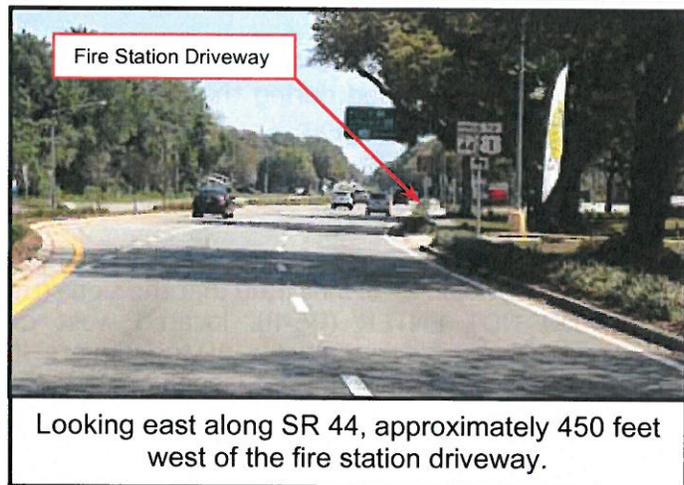
The exit driveway of SR 44 at Fire Station #50 was observed by a registered professional engineer to assess the existing operating conditions and to determine what, if any, improvements could be made to improve the safety and efficiency on this section of roadway.

Request: A request was made by the City of New Smyrna Beach to review the driveway with regards to installing an emergency traffic signal for the fire station exit.

Operations: Operations include the efficiency of operation and interaction of motor vehicles, pedestrians and bicycles on the roadway. Following are the observations relating to these factors:

- The intersection has a full median opening (30' width, 82' length from nose to nose) with stop sign control for the minor roadway (SR 44 (Canal Street)/ Fire Station #50 exit) approaches. Traffic on SR 44 appeared to be traveling at or below the 45 mph posted speed limit.
- Turning movement counts were not performed at this intersection as the fire station exit was the focus of the review and traffic volumes from the fire station would be considered minimal.
- Westbound traffic was observed queuing from the signalized intersection of Mission Drive/Wallace Road to the study intersection (1,190 feet); however drivers were not observed blocking the study intersection. A maximum queue of 5 eastbound left turning vehicles was observed and eastbound left turning traffic was able to complete their turns without conflict.
- Southbound left turning traffic was observed to be minimal and able to complete their turns in two steps, staging in the median opening before completing their turn. The traffic signal at Mission Drive/Wallace Road provides adequate gaps for this maneuver and no conflicts were noted.
- Emergency vehicle access onto SR 44 was not observed as no emergency calls occurred during the field review. The Division Chief provided details on the operations of the Fire Station #50:
 - The station opened on December 17, 2014.
 - The station tends to approximately 1,000 calls per over the past year.
 - There are three responding vehicles housed at the station. Two of the vehicles are longer and cannot stage in the median opening without blocking eastbound through traffic.
 - A preemption call button is provided inside the station but is not connected to adjacent signals.
- Section 3.4 of the FDOT Traffic Engineering Manual (TEM) states that an Emergency Traffic Control Signal shall be considered if one of the warrants related to traffic volumes, geometric conditions or adjacent traffic signals are met. The Emergency Vehicle Signal Warrant form is provided in the Appendix. The study location meets one of the warrants from the TEM. Traffic volumes were obtained from the FDOT Florida Traffic Online for 2013 and these volumes exceed the minimum volume requirements (peak hour and daily) for progressively timed facilities. The station is designed such that emergency vehicles enter into the station along Old Mission Road and therefore do not block traffic while backing in.

The location of the driveway did not conflict with traffic queues from adjacent intersections during the field reviews. During peak beach attendance periods, westbound traffic can be expected to queue to and past the driveway. The station is located along a slight horizontal curve (see photo to the right) and is not clearly visible to eastbound approaching motorists due to this slight curve, trees along the south side of the roadway and signage adjacent to the exit driveway. There are no advanced warning signs on the approaches to the fire station to warn drivers that there is a possibility of entering emergency vehicles. **Consideration should be given to installing post mounted Emergency Vehicle (W11-8) signs, with additional signs post mounted in the median. These signs should serve to alert approaching drivers to the possibility of entering emergency vehicles.**



- Although the traffic volumes exceed the minimum requirements, an emergency signal should not be installed at this time. There are no operational constraints or a documented safety issue which would justify the increased crash potential from an emergency signal.
- Preemption equipment is provided inside of the fire station but is not connected to the traffic signal located at Mission Drive/Wallace Road, located 1,190 feet to the west. **Consideration should be given to installing preemption equipment at the intersection of SR 44 at Mission Drive/Wallace Road.** The preemption equipment would allow the fire department staff to use the call button inside of the fire station to stop eastbound traffic and allow westbound to flow at the intersection. This would allow all fire station vehicles to exit the driveway with fewer conflicts with eastbound traffic and allow the westbound queue to flow through the intersection. The preemption equipment should also recognize the in-vehicle equipment to provide green phasing for westbound traffic until emergency vehicles are through the intersection. The Division Chief indicated that they have in-vehicle equipment currently installed.

Safety: Vehicle, pedestrian and bicycle safety at the roadway section are assessed through review of crash reports, identification of significant crash trends, then correlation to field conditions. Following are the observations relating to the safety of the roadway section:

- Collision data was obtained from the FDOT Crash Analysis Reporting System (CARS) and the University of Florida Signal Four Analytics crash mapping and analysis system for the time period from January 1, 2010 through February 28, 2015. The only collisions that occurred within the vicinity of the fire station were reported in the 12 month period ending August 31, 2011 (prior to the opening of the fire station). There were two (2) rear end collisions that resulted in approximately \$10,250 in property damage and three possible injuries.
- One rear end collision occurred as a result of an eastbound driver in the inside through lane stopping abruptly to turn left onto SR 44 (Canal Street). The other rear end collision involved two westbound through vehicles in stop and go traffic.
- Fire Station #50 was opened on December 17, 2014 and no collisions have been reported as a result of emergency access activity.

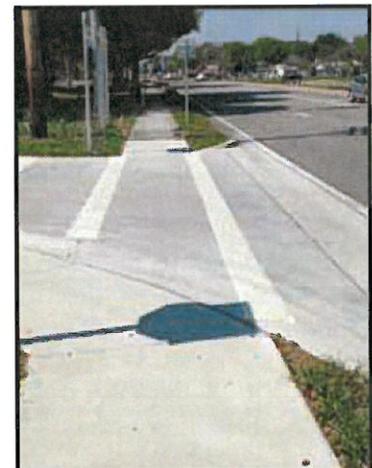
Maintenance: In addition to observing operational and safety conditions, correctible maintenance items are also identified during the field review. Following is a summary of maintenance items observed at the intersection:

- The existing roadway surface, signs and pavement markings along this section of SR 44 are in good condition.
- The Division Chief indicated that the signs (three object markers, one ONE WAY (R6-1L) and one DO NOT ENTER (R5-1)), located west of the driveway, block the view of the drivers in the larger emergency vehicles (see photo to the right). The bottom of the NO NOT ENTER sign is mounted 88" above the ground level, all other signs are higher. The driver's eye height, while in the fire engine, is approximately 90" and 64" while in the SUV. Per Section 2A.18 of the MUTCD, the minimum mounting height for the DO NOT ENTER and ONE WAY signs should be 7' (84"). Per Section 2C.63, the minimum mounting height for the object markers is 4' (48"). All of the signs are parallel to the sidewalk and lower mounting height should not conflict with parking or pedestrian movements. **Consideration should be given to coordinating with the fire station in order to lower these signs to the appropriate height for the fire station equipment drivers.**



Looking west from the driveway, noting adjacent signs and object markers.

- The Division Chief indicated that pedestrian activity across the driveway is high (both on foot and in motorized wheelchairs). Truncated domes are not provided on the approaches to the crosswalk (see photo to the right). **Consideration should be given to installing ramp detectable warnings on both sides of the driveway.**



Looking west along the exit driveway.

A condition diagram, collision summary and collision diagram have been provided in the following pages.

Recommendations:

- 1) Install post mounted Emergency Vehicle (W11-8) signs, with additional signs post mounted in the median, in advance of the fire station.
- 2) Install preemption equipment at the intersection of SR 44 at Mission Drive/Wallace Road.
- 3) Coordinate with the fire station to lower the height of the signs (three object marker signs, a ONE WAY (R6-1L) sign and a DO NOT ENTER (R5-1) sign) located west of the exit driveway.
- 4) Install truncated domes on both sides of the driveway.

East Approach Photographs



Looking west into the intersection along SR 44



Looking east from the intersection along SR 44

West Approach Photographs



Looking east into the intersection along SR 44



Looking west from the intersection along SR 44

North Approach Photographs



Looking south into the intersection along SR 44 (Canal Street)



Looking north from the intersection along SR 44 (Canal Street)

South Approach Photographs

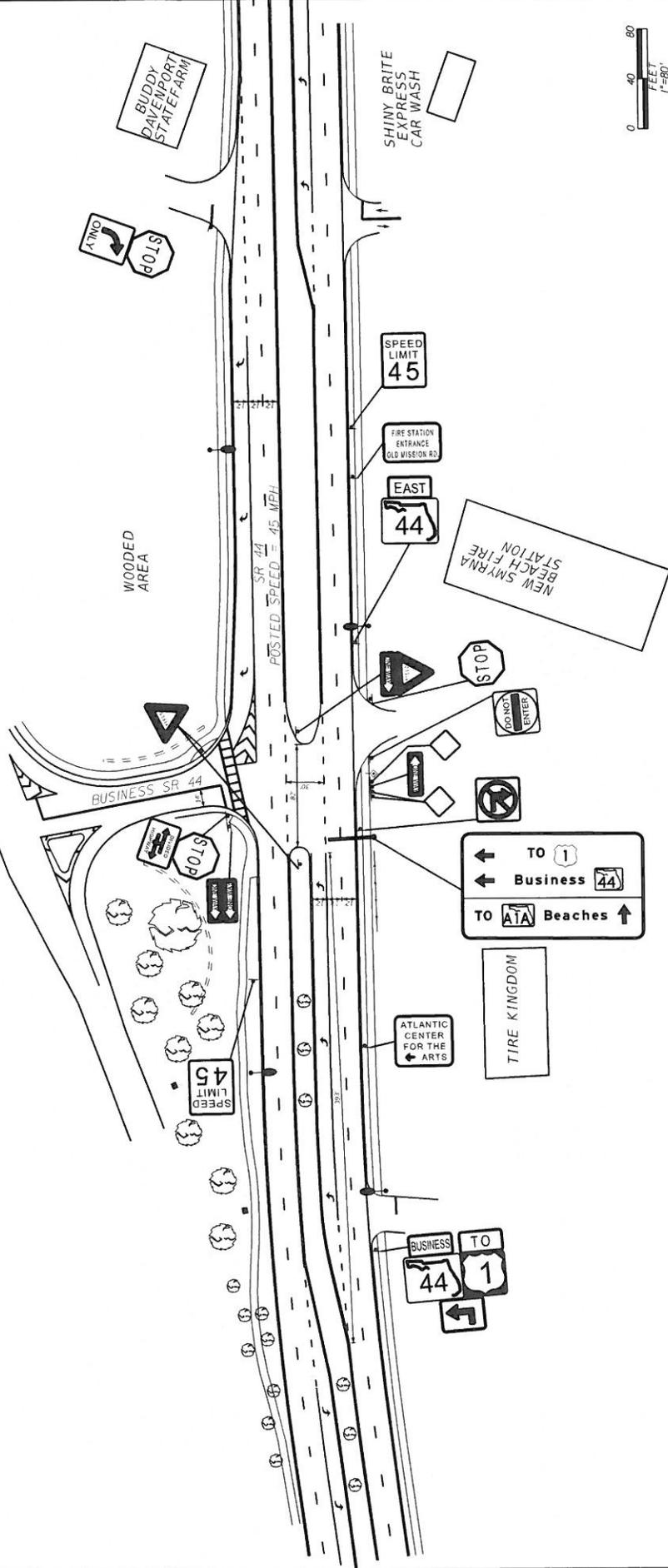


Looking north into the intersection along Fire Station #50 exit driveway



Looking south from the intersection along Fire Station #50 exit driveway

SR 44 AT FIRE STATION #50



SYMBOLS:

TREES	DELINATOR	DRAINAGE INLETS
HEDGE	HYDRANT	MANHOLE
DITCH BOTTOM INLET	GAS LINE	
POWER POLE	FENCE	
SIGN	GUARDRAIL	
TRAFFIC SIGNAL POLE	BUILDING	
LIGHT POLE		
SIGNAL HEAD		
MITERED END SECTION		
FIBER OPTIC LINE		
CONTROLLER CABINET		

CONDITION DIAGRAM
DISTRICTWIDE CONTINUING SERVICES FOR TRAFFIC OPERATIONS

DATE: 07/15/2014
TIME: 10:00 AM
DRAWN BY: JPC/00000000

Section: 79070
 Intersecting Street: SR 44 (Canal Street)/Fire Station #50
 Source Data: CARS Data / Signal Four Analytics
 Study Period: From 9/1/2010 to 8/31/2011

Route: SR 44
 County: Volusia
 City: New Smyrna Beach

Months

12

9/1/2010

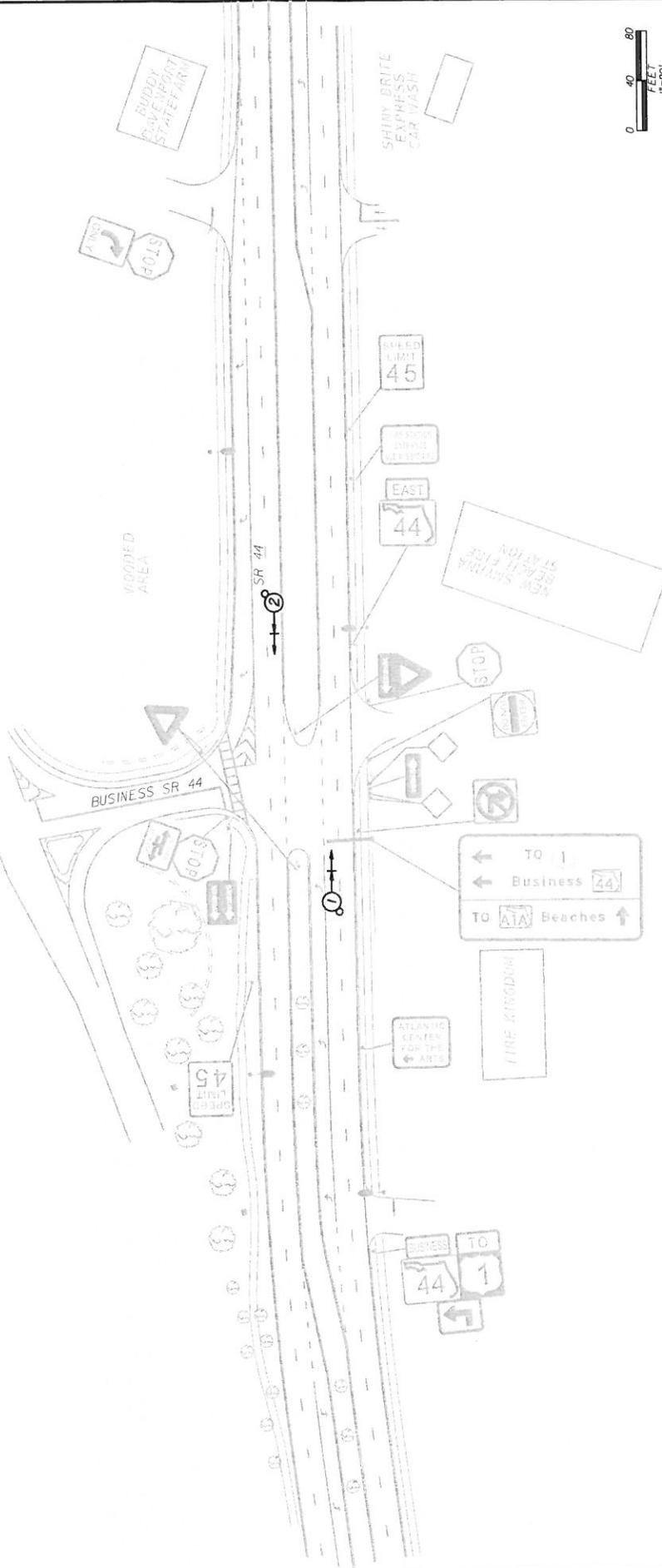
8/31/2011

12

12

No.	Long or Short Form	Date	Day	Time	DOB	Age	Alcohol / Drugs Involved	Lighting Condition	Roadway Surface	Weather	Fatal	Injury	Most Severe Injury	Harmful Event	Property Damage	Signal Obstruction	Contributing Cause	
1	L	09/05/10	Sunday	14:03	5/2/1991	19	None	Daylight	Dry	Clear	0	2	Possible	Rear End	\$9,500	None	Careless Driving	
2	L	02/27/11	Sunday	15:43	4/18/1991	19	None	Daylight	Dry	Clear	0	1	Possible	Rear End	\$1,750	None	Careless Driving	
CRASH STATISTICS																		
Total Number of Crashes	2	Total Property Damage	0	Number of Fatal Crashes	0	Number of Injuries	3	Lighting Condition	100%	Roadway Surface	100%	Weather	100%	Harmful Event	100%	Signal Obstruction	100%	Contributing Cause
2	\$10,250	0	0	3	0	3	0	100%	100%	100%	0	2	0	0	0	0	2	0
100%	0%	0%	0%	100%	0%	100%	0%	100%	0%	0%	0%	100%	0%	0%	0%	100%	0%	0%
INJURY SEVERITY																		
HARMFUL EVENT																		
Rear End	Head-On	Angle	Left Turn	Right Turn	Sideswipe	Backed Into	Parked Car	Coll W/My On Road	Pedestrian	Bike	Bike (Bike Lane)	Moped	Train	Animal	Hit Sign/Sign Post	Hit Utility Pole	Hit Guardrail	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Hit Fence	Hit Concrete Barrier Wall	Hit Bumper/Abutt	Hit Tree/Shrub	Hit Concrete Barrier/Sign/Post/Abutt	Hit Coast	Crash Attenuator	Fixed Object Above Road	Other Fixed Object	Moveable Object	Run Into Ditch/Culvert	Run Off Rd Into Water	Overtuned	Occupant Fall From Vehicle	Trac/Trail	Fire	Explosion	All Other	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
CONTRIBUTING CAUSE																		
No Improper Driving	Carless Driving	FTYROW	Improper Backing	Improper Lane Change	Improper Turn	Followed Too Closely	Disregarded Traffic Signal	Exceeded Safe Speed Limit	Disregarded Stop Sign	Failed to Maintain Equipment	Improper Passing	Drive Left of Center	Exceeded Stated Safe Speed Limit	Obstructing Traffic	Improper Load	All Other	Alcohol/Drugs-Under Influence	
0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

SR 44 AT FIRE STATION #50



DATE RANGE: 9/1/2010-8/31/2011
 COLLISION DIAGRAM
 DISTRICTWIDE CONTINUING SERVICES FOR TRAFFIC OPERATIONS
 PAGE NO: 11

SYMBOLS:

	RIGHT TURN COLLISION		HIT SIGN COLLISION
	COLLISION W/ PED.		HIT UTILITY POLE COLLISION
	RIGHT ANGLE COLLISION		HIT PARKED CAR COLLISION
	LEFT TURN COLLISION		HIT OTHER FIXED OBJECTS COLLISION

Appendix

COUNTY: 79

STATION: 0514

DESCRIPTION: ON SR-44, 0.5 MI. W OF SR-5 OVERPASS (UC)

START DATE: 08/12/2013

START TIME: 1200

TIME	DIRECTION: E				TOTAL	DIRECTION: W				COMBINED TOTAL	
	1ST	2ND	3RD	4TH		1ST	2ND	3RD	4TH		
0000	10	22	14	11	57	16	12	7	9	44	
0100	7	8	8	6	29	8	12	5	10	35	
0200	8	6	5	3	22	11	3	7	4	25	
0300	6	3	6	5	20	7	11	9	6	33	
0400	3	4	8	3	18	12	12	11	17	52	
0500	8	11	18	29	66	17	29	26	35	107	
0600	39	41	52	74	206	49	61	71	101	282	
0700	52	93	136	167	448	119	152	115	118	504	
0800	117	139	129	150	535	110	106	123	136	475	
0900	146	127	114	188	575	130	149	138	133	550	
1000	172	184	181	208	745	128	143	142	145	558	
1100	153	183	175	225	736	149	146	152	138	585	
1200	189	210	205	196	800	198	143	157	176	674	
1300	205	187	172	192	756	175	191	147	200	713	
1400	193	169	191	159	712	159	197	164	224	744	
1500	156	180	175	174	685	201	192	180	178	751	
1600	158	182	155	180	675	188	213	189	172	762	
1700	174	192	165	178	709	186	200	148	148	682	
1800	168	157	129	105	559	151	122	117	116	506	
1900	112	108	108	105	433	128	108	96	81	413	
2000	84	77	77	78	316	66	89	79	79	313	
2100	73	61	47	45	226	54	53	48	33	188	
2200	49	38	40	36	163	37	25	21	27	110	
2300	25	24	31	19	99	30	22	19	16	87	
24-HOUR TOTALS:					9590					9193	18783

PEAK VOLUME INFORMATION

DIRECTION: E	DIRECTION: W		COMBINED DIRECTIONS	
	HOUR	VOLUME		HOUR
A.M.	815	564	830	1090
P.M.	1215	816	1230	1492
DAILY	1145	829	1230	1492

TRUCK PERCENTAGE 2.85 4.41 3.61

CLASSIFICATION SUMMARY DATABASE

DIR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TOTTRK	TOTVOL	
E	51	7626	1639	18	165	20	1	45	24	0	0	0	0	0	0	1	273	9590
W	46	6004	2737	24	299	18	1	41	17	4	0	0	0	1	0	1	405	9193



Emergency Signal Traffic Signal Warrant

Warrant is satisfied Yes No

Section 79070 City New Smyrna Beach County Volusia
 State Road SR 44 Intersecting Roadway SR 44 (Canal Street)/Fire Station #50
 M.P. 28.104 +/- Data by: CTJ Completed by: CTJ
 Posted Speed 45 mph Date: 3/20/2015 Date: 3/20/2015

S.R. 44 is or is not progressively timed.

Number of Emergency Vehicle runs per year 1200

Remarks: WB queues from Mission Dr/Wallace Rd extends past station exit during peak hours and peak seasons, however no collisions have been reported as a result of the queuing

Traffic Volume on State Route

State Rte. Number Of Lanes	Peak Hour		Meets	24 Hour ADT		Meets
	Min. Req.	Actual Volume		Min. Req.	Actual Volume	
<input type="checkbox"/> 2 Lanes	750		<input type="checkbox"/> Yes <input type="checkbox"/> No	7500		<input type="checkbox"/> Yes <input type="checkbox"/> No
	(1,000)*			(10,000)*		
<input checked="" type="checkbox"/> 4 Lanes	900		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9000		<input type="checkbox"/> Yes <input type="checkbox"/> No
	(1,200)*	1,492		(12,000)*	18,783	
<input type="checkbox"/> 6 Lanes	1200		<input type="checkbox"/> Yes <input type="checkbox"/> No	12000		<input type="checkbox"/> Yes <input type="checkbox"/> No
	(1,600)*			(16,000)*		

* Progressively Timed Facilities.

Supplemental Information

- Does Emergency Vehicle "back in" to service facility? Yes No
- Does Emergency Vehicle driveway conflict with queues at the adjacent signalized intersection? Yes No
- Does Emergency Vehicle driveway fall on a vertical curve? Yes No
- Does Emergency Vehicle driveway fall on a horizontal curve? Yes No
- Does Emergency Vehicle driveway fall mid-block? Yes No

Recommendation: An emergency signal should not be installed at this time

City of New Smyrna Beach
Public Information Initiatives
Analytics Summary/Highlights: June 2015

City marketing initiatives:

- **City website www.cityofnsb.com**
 - Updating content for all departments daily.
 - Have begun editing/creating completely new pages for the police department.
 - Created page for pension reports, as required. www.cityofnsb.com/pension-reports
 - Continually coordinating new graphics to flash on homepage to highlight projects/initiatives.
 - 38,042 site visits (not unique visitors) in June.
- **City-related proactive news releases:**
 - 6 proactive City news releases were distributed
 - 7 print stories were generated from the releases in the newspaper of record. (Does not include other publications or broadcast media.)
- **City social media**
 - Launched April 1, 2015.
 - Posting a minimum of five posts each day Monday-Friday and gleaning content from several sources.
 - 379 lifetime likes in logged by June 30 for Facebook page <https://www.facebook.com/cityofnsb>
 - 45 followers of Twitter page @CityofNSB
- **New Smyrna 250th!**
 - Guiding the New Smyrna Museum of History in the initial organization/planning for this 2018 event.
 - Handling local marketing and logo development.
- **Brannon Civic Center ground breaking ceremony:**
 - Coordinated ceremony aspects including distributing invites and news release, event staging and all program elements. Info was distributed across traditional and new media sources.
 - Cost: \$30 for re-useable rendering.
- **Proposed budget info online:**
 - Created and populated a webpage for the proposed 2015-2016 budget www.cityofnsb.com/finance .
 - Cost: staff time only.
- **Central Beach Flood Mitigation Project**
 - Using info provided, drafted a two-page newsletter to inform citizens of an upcoming public meeting and specific road work. Also included a project summary.
 - Designed newsletter to encourage citizens to follow the project's progress on the website <http://www.cityofnsb.com/centralbeach> and added content to site.
 - Provided staff newsletter distribution options and associated costs.

- Will continually update webpage as new info is provided.
- Cost: postage.
- **Crisis/Emergency Communications**
 - Coordinated with Volusia County to ensure NSB PIOs have a radio channel with which to communicate with the County (per established plans) during a disaster/EOC activation.
 - Exploring/coordinating additional local communication tool with IT manager.
 - Cost: None anticipated.
- **NSB Paddling Trails:**
 - Developed online paddling resource of 10 area trails.
 - This has not been publicly launched. Awaiting decision on assoc. membership, etc. When ready, will promote the trails with a news release, web banner, and social media posts. Cost: \$22.
 - Working with Volusia County to include the resource on Volusia.org and sportsvolusia.com .
 - Considering membership in Florida Paddling Trails Assoc. to promo trails. Cost: \$250/annually.
 - Once all other elements are launched, will explore City desire to seek Blueways designation. (Additional costs will be incurred for signage, etc.)
 - Exploring partnering with Edgewater on eco-tourism brochure. Cost: TBD
- **July 4 Celebration:**
 - Worked with Special Events Dept to promote the event using traditional/social media, the City website and posters.
 - Cost: \$80.

CRA marketing initiatives:

- **CRA/LOOP-related proactive news releases:**
 - 8 news releases were distributed (includes one release containing all events for the month)
 - 13 print stories were generated from the releases in the newspaper of record. (Does not include other publications or broadcast media.)
- **Do the LOOP! monthly LOOP E-newsletter:**
 - The publication has grown to 2,112 subscribers as of June 31.
- **In the LOOP! CRA quarterly E-newsletter:**
 - The publication currently maintains 370 subscribers. Final newsletter scheduled for distribution in July.
- **LOOP monthly rack cards:**
 - 5,000 cards distributed to various businesses inside and near the LOOP. Due to the continual increase in demand for the cards, businesses are running out of them before the end of the month.
- **LOOP website www.nsbwaterfrontloop.com :**
 - 3,732 unique users in June.

- **Facebook.com/nsbwaterfrontloop:**
 - 3,113 lifetime likes.
 - Daily posts are created.

City of New Smyrna Beach
Public Information Initiatives
Analytics Summary/Highlights: July 2015

City marketing initiatives:

- **City website www.cityofnsb.com**
 - 36,466 site visits (not unique visitors) in July.
 - Updating content for all departments daily.
 - Continually coordinating new graphics to flash on homepage to highlight projects/initiatives (ex. Ec. Dev. Incentives to begin running 8/29/15 when space is available.)
- **City-related proactive news releases:**
 - 1 proactive City news release was distributed July 30, 2015. (See CRA releases.)
 - No print stories were generated from the releases in the newspaper of record before end of month. (Does not include other publications or broadcast media. Several broadcast stories this month were generated by social media posts.)
- **City social media**
 - Posting a minimum of five posts each day Monday-Friday and gleaning content from several sources.
 - 34 posts this month. Replies and questions are monitored/answered.
 - 536 lifetime likes in logged by July 30 for Facebook page (40% increase over June) <https://www.facebook.com/cityofnsb>
 - 50 followers of Twitter page @CityofNSB
- **Brannon Civic Center construction web page**
 - Created project webpage www.cityofnsb.com/brannonciviccenter
 - Will continue to update page with construction progress photos through completion and will extend page promotion using social media.
 - Included drawings to facilitate records requests.
 - Cost: \$44 for web graphics + staff time.
- **Beach traffic information**
 - Coordinated public information efforts with Volusia Co. Government to extend awareness of information sources of NSB/Beach traffic on City website/social media. Initiatives ends after Labor Day.
 - www.cityofnsb.com/beach-traffic
- **Central Beach project public information**
 - Posting weekly roadwork updates on social media and facebook
 - Managing fall mailing of save the date postcards to announce Dec. meeting and direct citizens to www.cityofnsb.com/centralbeach for info.
- **New Smyrna 250th!**
 - Guiding the New Smyrna Museum of History in the initial organization/planning for this 2018 event.
 - Handling local marketing and logo development.

- **Business Mailer insert**
 - Managed design/printing of Ec. Development insert for annual business license renewal mailer.
 - Cost: \$130 for 1,500 inserts (due to quick deadline)
- **Summer Concert Series:**
 - According to organizer, as many as 200 people have been attending concerts so far this season
 - Announced rescheduled concerts on various media.
 - Initial marketing push reported in previous report.
- **Proposed budget info online:**
 - Created and populated a webpage for the proposed 2015-2016 budget www.cityofnsb.com/finance .
 - Cost: staff time only.
- **Family Fun Night:**
 - Working with Special Events Dept to promote the event using traditional/social media, the City website and posters.
 - Managing event collateral redesign for posters and re-useable web graphics and roadside banners.
 - Cost: \$494
- **NSB Paddling Trails:**
 - Developed online paddling resource of 10 area trails.
 - This will be announced by release in August and promoted with a web banner, and social media posts. When ready, Cost: \$44 + staff time .
 - Link to NSB paddling trails is included on State's Greenways & Trails online trail guide.
 - Working with Volusia County to include the resource on Volusia.org and sportsvolusia.com .
 - Next step: Exploring on assoc. membership, etc.
 - Considering membership in Florida Paddling Trails Assoc. to promo trails. Cost: \$250/annually.
 - Once all other elements are launched, will explore City desire to seek Blueways designation. (Additional costs will be incurred for signage, etc.)
 - Exploring partnering with Edgewater on eco-tourism brochure. Cost: TBD

CRA marketing initiatives:

- **CRA/LOOP-related proactive news releases:**
 - 6 news releases were distributed (includes one release containing **all** events for the month and meetings, projects, etc funded by CRA)
 - 12 print stories were generated from the releases in the newspaper of record. (Does not include other publications or broadcast media.)
- **Do the LOOP! monthly LOOP E-newsletter:**
 - The publication has grown to 2,141 subscribers as of July 31.

- **LOOP monthly rack cards:**
 - 5,000 cards distributed to various businesses inside and near the LOOP. Due to the continual increase in demand for the cards, businesses are running out of them before the end of the month.
- **LOOP website www.nsbwaterfrontloop.com :**
 - 4,211 unique users in July.
- **Facebook.com/nsbwaterfrontloop:**
 - 3,199 lifetime likes.
 - Daily posts are created.

Mel Martinez-Chrmn. S.E. US & Latin America



Mel Martinez is Chairman of the Southeast U.S. and Latin America for JPMorgan Chase & Co.

After more than a decade of public service, Mel joined JPMorgan Chase in July 2010. Based in Florida, he represents the firm to clients throughout the Americas – from individuals and businesses to large corporations, governments and nonprofit organizations.

Mel was elected to the United States Senate in 2004. Representing Florida as a U.S. Senator, Mel served on several committees including Banking, Housing and Urban Affairs and Armed Services. While serving in the Senate, Mel led efforts to reform Fannie Mae and Freddie Mac and was a trusted voice on foreign policy issues throughout the Western Hemisphere.

Prior to his time in the Senate, Mel served as the 12th Secretary of the United States Department of Housing and Urban Development (HUD). As the first Cuban-American to serve in a President's cabinet, he became known for his efforts to increase homeownership for all Americans and his aggressive efforts to end chronic homelessness.

Mel also served as Mayor of Orange County (Orlando, FL) and he practiced law for 25 years. He received both his B.S. and J.D. degrees from Florida State University.

In addition to his role with JPMorgan Chase, he is actively involved on housing policy reform discussions as co-chair of the Bipartisan Policy Center's Housing Commission. Mel also serves on the boards of Marriott Vacations Worldwide as Lead Director and NVR, Inc.

Mel and his wife, Kitty, reside in Orlando; they have three children and five grandchildren.

Alan Hyman-Dir. of Operations (FDOT-Reg. 5)



Alan began his FDOT career 25 years ago in the Structures Design Office. He has held the positions of District Structures Maintenance

Engineer, Assistant District Maintenance Engineer, District Maintenance Engineer, and for the past 8 ½ years has been the Director of Transportation Operations, responsible for all construction, maintenance, traffic operations and emergency management activities in the District.

Alan earned a Bachelor of Science Degree in Civil Engineering from Northeastern University in Boston, Massachusetts and did Graduate Studies in Structural and Construction Engineering. Alan is a Certified Public Manager from Florida State University, and a licensed Professional Engineer in Florida, Massachusetts, and Maine.

Mischelle Romesberg-Operations Technology Leader-Edgewell Personal Care



Mischelle grew up in Pennsylvania where as a senior in high school, she was a Rotary Exchange Student to South Africa for a year. She started college at Colorado School of Mines and finished at West Virginia University with a BS in Chemical Engineering. She also earned an MBA while working full time. With almost 25 years in manufacturing experience, Mischelle has worked in many industries and companies. The companies include Johnson & Johnson, Union Carbide, Johns Manville, Bristol-Myers Squibb, Corning, Inc. and Givaudan.

In 2009, Mischelle moved to Ormond Beach, Florida as the Operations Manager of Energizer's sun care plant. Nine months later, she was promoted to Plant Director. Her current role of Operations Technology Leader has her evaluating current and potential new products for manufacturing location, optimization and costs.

Bob Davis-CEO Hotel & Lodging Assoc.



Bob Davis has almost 50 years within the Hotel and Lodging industry. He has served on various boards of non-profits and Daytona State College all with the intent to serve Volusia

County and its residents. Over the years, many of Volusia County's top political and business leaders have used his expertise with the goal of making Volusia County one of the top destinations in the world.

Lori Campbell Baker-Director of Public Relations-Daytona Area Convention & Visitors Bureau



Lori Campbell Baker LOVES her position as director of Public Relations for the Daytona Beach Area Convention & Visitors Bureau -- so much so, she truly can't stay away.

This is Lori's third time back to the CVB, in-between working for other prestigious local organizations including Daytona International Speedway, International Speedway Corporation, and the Daytona Beach News-Journal.

Her position at the CVB -- which now totals 11 years -- allows her to wander about curiously perusing Volusia County's amazing and diverse tourism assets. She promotes this community and its offerings to travel writers and media outlets from around the world. She and her CVB team, led by Executive Director Tom Caradonio, bring dozens of travel writers to the area each year for fun and fact-filled familiarization tours.

They also travel to key markets to meet with top journalists on their own turf and pitch them high-impact story angles.

While she can't claim "native Floridian" status, Lori's been a resident of Florida since childhood, and a Volusia resident since 1991. The biggest joy in her position at the CVB is helping others discover all that Daytona Beach truly has to offer.



One Volusia was born out of the idea that if we wanted to succeed in Tallahassee as well as at home, we all needed to do our part.

This means that political, geographic, and economic barriers had to come down. For too long in Volusia County, we have separated ourselves from Eastside or Westside. I have come to realize during my tenure in the legislature, that the counties that succeed the most are the counties that are the most united.

One Volusia was an opportunity to showcase how much we have grown, but more importantly, to remind ourselves where we want to go.

This year we will have former Senator Mel Martinez, along with representatives from transportation, manufacturing, and tourism.

Please Enjoy the Forum!



State Representative

David Santiago

849 Deltona Blvd. #101

Deltona, FL 32725

P: 386-575-0387

F: 386-575-0388

Email:

David.santiago@myfloridahouse.gov

Eric.raimundo@myfloridahouse.gov

Hilda.quintero@myfloridahouse.gov



State Representative

David Santiago

Presents

3rd Annual

One

Volusia



Volusia County
FLORIDA



Volusia County
FLORIDA



Corporate Headquarters: 780 Amelia Island Pkwy | Fernandina Beach, FL 32034 | GRIPinfo@FPUC.com | 800.427.7712

Dear Community Leader:

I am pleased to share some good news about progress being made in your community that will benefit residents and businesses alike. Florida Public Utilities (FPU), your community's local natural gas utility, is upgrading its facilities and infrastructure in your area as part of the Gas Reliability Infrastructure Program (GRIP). Such efforts will enhance the long-term quality, reliability and safety of the services we provide. We have worked diligently to plan for a seamless execution of this project.

You may see FPU contractors hard at work replacing gas mains and services in homes and businesses. This program, approved by the Florida Public Service Commission, is in line with similar integrity management programs established in many other states for the replacement of bare steel gas lines to address public concerns regarding the reliability and safety of aging infrastructure.

The work we are conducting further provides local residents and businesses the wonderful opportunity to add or expand natural gas service to their homes or companies. Benefits of natural gas include long-term energy efficiency and savings, smaller carbon footprints and less dependency on foreign oil.

FPU has been an integral part of Florida communities for ninety years, and we are thrilled that right now our facilities replacement project is **investing millions of dollars and promoting job growth throughout Florida**. Now, your community can directly benefit from this initiative.

If you have any questions, or would like more information about the work being conducted in your community, please call me at **561.601.6311**.

Sincerely,

Ramiro J. Sicre
Manager, Governmental Relations
Florida Public Utilities Company





Volkert, Inc.

1408 N. Westshore Blvd. Suite 600
Tampa, FL 33607

Office: 813.875.1365
Fax: 813.874.7656
tampa@volkert.com

www.volkert.com

RECEIVED

JUL 13 2015

ENGINEERING

July 08, 2015

Mr. Kyle Fegley, P.E.
City Engineer
City of New Smyrna Beach
210 Sams Ave.
New Smyrna Beach, FL 32168

Reference: **Required Prompt Corrective Action – Critical Deficiency**
District 5 Local Government Owned Bridge Inspection Program
Bridge ID: 795701/Fifth Street over Yacht Club Cut

Dear Mr. Fegley:

As part of the referenced bridge inspection program, we identified the following critical deficiencies that require Prompt Corrective Action. We understand that the City is aware of the bridge condition due to meetings about the bridge in 2014 as well as recent repairs that have been performed.

The prestressed slab unit undersides have areas of significant section loss and voids that have resulted in the bridge requiring posting. Though repairs to slow the deterioration have recently been implemented, soundings of the slab undersides by our inspectors indicate delaminations and hollow areas still remain; therefore, this bridge condition rating remains poor. Refer to attached photos.

Please notify Julia Blackwelder of FDOT District 5 in writing of the action plan for remediating this situation at 1650 North Kepler Rd, DeLand FL 32724. Help us protect your federal funds and reduce your potential legal liability by expediting this requested response.

Sincerely,

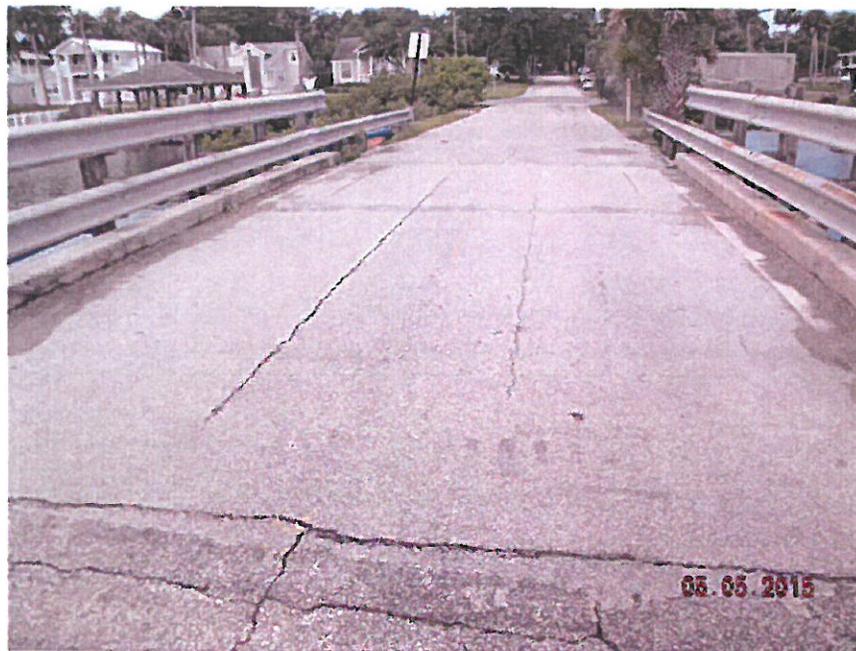
Daniel Teal, P.E.
Vice President
Volkert, Inc.

C: Julia Blackwelder, D5 FDOT

Office Locations:

Birmingham, Foley, Mobile, Montgomery, Alabama • Chipley, Ft. Myers, Gainesville, Pensacola, Tampa, Florida
Atlanta, Columbus, Georgia • Collinsville, Wheaton, Illinois • Baton Rouge, New Orleans, Slidell, Louisiana
Jackson, Mississippi • Jefferson City, Missouri • Raleigh, North Carolina • Harrisburg, Pennsylvania
Chattanooga, Nashville, Tennessee • Alexandria, Chesapeake, Virginia • Washington, D.C.





LONGITUDINAL CRACKS IN ASPHALT REFLECTIVE OF CRACKS BETWEEN SLAB UNITS INDICATING POOR DISTRIBUTION OF TRAFFIC LOAD.



AREA UNDER A SLAB UNIT WHERE SOUNDINGS BY INSPECTION HAMMER OF THE RECENTLY APPLIED COATING INDICATE A DELAMINATION OR VOID.



Volkert, Inc.

1408 N. Westshore Blvd. Suite 600
Tampa, FL 33607

Office: 813.875.1365
Fax: 813.874.7656
tampa@volkert.com

www.volkert.com

RECEIVED
JUL 13 2015
ENGINEERING

July 08, 2015

Mr. Kyle Fegley, P.E.
City Engineer
City of New Smyrna Beach
210 Sams Ave.
New Smyrna Beach, FL 32168

Reference: **Required Prompt Corrective Action – Critical Deficiency**
District 5 Local Government Owned Bridge Inspection Program
Bridge ID: 795700 / Barracuda Blvd over Brando Canal

Dear Mr. Fegley:

As part of the referenced bridge inspection program, we identified the following critical deficiencies that require Prompt Corrective Action. This notice is being issued as a formality since the City is aware of these issues.

The undersides of the prestressed slab units have areas of significant corrosion that has resulted in two slab units having no capacity for vehicular traffic which has resulted in a significant reduction in bridge structural capacity (which is accounted for in the current load rating). Additionally, the piles at both abutments have significant delaminations with corrosion staining. Refer to photos attached.

Please notify Julia Blackwelder of FDOT District 5 in writing of the action plan for remediating this situation at 1650 North Kepler Rd, DeLand FL 32724. Help us protect your federal funds and reduce your potential legal liability by expediting this requested response.

Sincerely,

Daniel Teal, P.E.
Vice President
Volkert, Inc.

C: Julia Blackwelder, D5 FDOT

Office Locations:

Birmingham, Foley, Mobile, Montgomery, Alabama • Chipley, Ft. Myers, Gainesville, Pensacola, Tampa, Florida
Atlanta, Columbus, Georgia • Collinsville, Wheaton, Illinois • Baton Rouge, New Orleans, Slidell, Louisiana
Jackson, Mississippi • Jefferson City, Missouri • Raleigh, North Carolina • Harrisburg, Pennsylvania
Chattanooga, Nashville, Tennessee • Alexandria, Chesapeake, Virginia • Washington, D.C.





AREA OF DETERIORATION IN SLAB UNIT 1-2 RESULTING IN LOSS OF STRUCTURAL CAPACITY



SEVERE DELAMINATION IN PILE 1-4



City of New Smyrna Beach

July 15, 2015

Julia Blackwelder
Florida Department of Transportation
District 5 Bridge Division
1650 N Kepler Rd
DeLand, FL 32724

RE: Bridge Inspection Findings
Fifth St & Barracuda Blvd Bridges
FDOT ID# 795701 & 795700
City Plan of Action

Dear Ms. Blackwelder:

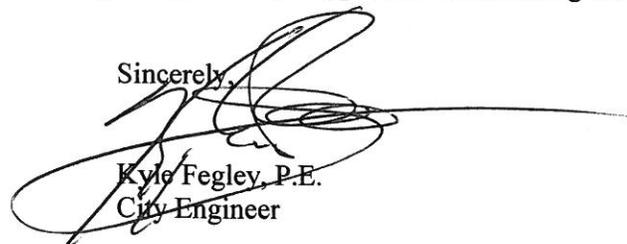
The City is in receipt of Volkert, Inc's latest evaluation of the two referenced bridges dated July 8, 2015, and acknowledge the need to perform corrective action as both of these bridges are listed with critical deficiencies.

In fact the Fifth Street Bridge which is our primary focus did receive remedial repairs to remove delaminated sections and defective shotcrete beneath the slab units and protecting the transverse/longitudinal steel with an epoxy material until a permanent solution can be implemented. These measures were taken to abate further deterioration as we understand no structural value was achieved as a result of these improvements. Our objective is to secure a safe bridge structure until funds can be adequately programmed through the State to assist with needed funding to ultimately replace the bridge. We understand this will take some time which is why the work was recently performed (March 2015), until the construction funding cycle becomes available.

The other critical bridge (i.e. Barracuda - 795700) is of concern to the City as well, but the area has a secondary means of access thus our priority remains on the Fifth Street bridge, although the City Commission has allocated \$100,000 in the next fiscal year (i.e. October 1, 2015) to proceed with remedial work needed to treat exposed prestress strands, remove gunite and delaminated areas and apply a two component high modulus type epoxy bonding agent to extend longevity until sufficient funds can be secured to adequately correct the deficiencies and/or replace the structure.

Please let me know if further input is needed regarding the City's approach to addressing each of these critical bridge structures.

Sincerely,



Kyle Fegley, P.E.
City Engineer

KWF/dap

Cc: Pam Brangaccio, City Manager
Khalid Resheidat, Asst. City Manager
Jesse Meyers, Civil Engineer

Kosorok, Tammy

From: Brangaccio, Pam
Sent: Saturday, July 18, 2015 10:50 AM
To: Kosorok, Tammy
Subject: Fwd: 5th St./Barracuda Bridge Inspection next CM report
Attachments: SPL_BHubC7515071315560.pdf; ATT00001.htm

Add this as an update from city engineer.

Sent from my iPhone

Begin forwarded message:

From: "Fegley, Kyle" <kfegley@cityofnsb.com>
To: "Coffin, Mike" <mcoffin@cityofnsb.com>
Cc: "Brangaccio, Pam" <pbrangaccio@cityofnsb.com>, "Resheidat, Khalid" <kresheidat@cityofnsb.com>, "Anglin, Greg" <ganglin@cityofnsb.com>, "Wright, Randy" <rwright@cityofnsb.com>, "Meyers, Jesse" <jmeyers@cityofnsb.com>
Subject: 5th St./Barracuda Bridge Inspection

Chief Coffin,

Good Monday afternoon. I need to bring to your attention recent correspondence received pertaining to two of our four bridges that continue to be structurally deficient as indicated in the attached correspondence from FDOT's certified bridge inspection firm - Volkert, Inc.

The NBI numbers remain low for each structure along with the sufficiency number which is a general indicator the health of the superstructure & deck are substandard and replacement is inevitable.

We have been working with the State to acquire funding to replace these bridges, particularly programming the 5th Street bridge, which takes about 5 years in their work program with construction occurring (if everything goes as planned) in about 6-8 years.

Although neither bridge had a reduction in the load rating I would recommend Fire Rescue vehicles avoid Barracuda bridge when responding to calls in the Quay Assisi subdivision and utilize Quay Assisi from the N. Causeway.

Let me know if you have any questions regarding this matter.

Thanks,

Kyle W. Fegley, P.E.
City Engineer
New Smyrna Beach, FL 32168
P (386) 424-2168
F (386) 424-2148

Kosorok, Tammy

From: Brangaccio, Pam
Sent: Monday, July 20, 2015 2:47 PM
To: Kosorok, Tammy
Subject: FW: Picture of the Ticket for customer issues with items placed out for pick up
Attachments: 20150720_100832.jpg

[Add to Cm report, with flyer.](#)

From: Miller, Faith
Sent: Monday, July 20, 2015 10:46 AM
To: Resheidat, Khalid <kresheidat@cityofnsb.com>
Cc: Brangaccio, Pam <pbrangaccio@cityofnsb.com>
Subject: FW: Picture of the Ticket for customer issues with items placed out for pick up

Good morning, Khalid:

Remember a couple of weeks ago we had a discussion with Terry from Waste Pro about these Dumpster in a Bag containers that people can buy from Home Depot and that Waste Pro is not picking these up when the debris is mixed i.e. yard waste, garbage and construction debris. We had discussed that Waste Pro needed to come up with some kind of flyer advising people that these were not allowed. Waste Pro already has a printed form for such issues/

<http://www.homedepot.com/p/WM-Bagster-Dumpster-in-a-Bag-775-658/202228840?MERCH=REC- - SearchPLPHorizontal1 rr- -NA- -202228840- -N>

Faith

Faith G. Miller, MPA, MMC
Maintenance Operations Manager
City of New Smyrna Beach
124 Industrial Park Avenue
New Smyrna Beach, FL 32168
Phone: 386-424-2202 or Cell: 386-527-0227
FAX: 386-424-2198

From: Terry Dees [<mailto:tdees@wasteprousa.com>]
Sent: Monday, July 20, 2015 10:38 AM
To: Miller, Faith; Doerflein, Rosalie; Dickerson, Tammy
Subject: Picture of the Ticket for customer issues with items placed out for pick up

These are the tickets that are used for placing on customer issues.. like the flyer that you were asking to have made. I will bring the actual ticket tomorrow when I see you for the meeting. Thanks😊

From: Terry Dees
Sent: Monday, July 20, 2015 10:15 AM
To: Terry Dees
Subject:

City of New Smyrna Beach

(386) 788-8890

Date: _____

Dear Customer,

Waste Pro has contracted with the City of New Smyrna Beach to collect all solid waste, as well as yard waste properly set out for collection. We are not responsible for "exempted trash" as defined below.

- _____ A) Tree debris removal
- _____ B) Limbs over 5 ft. in length
- _____ C) Logs or stumps over 6" in diameter
- _____ D) Contracted Services - Contractor responsible for hauling away debris
Contractor Name: _____
- _____ E) Unauthorized dumping of trash not generated by the property it is located on
- _____ F) Yard waste mixed with other items (all yard waste is taken to a mulching facility)
- _____ G) Responding to customer's concern
- _____ H) Scattered refuse
- _____ I) Rescheduled for pick up with the claw truck

If you have any questions, call Waste Pro at (386) 788-8890

NOTE: Customers may be able to correct certain problems that are checked above to avoid a special service charge. Cutting long limbs to proper length, bagging leaves or separating a mixed pile, are good examples of problems that could easily be corrected.

CHARGE: \$ _____

ATTENTION BUSINESS OWNERS



To help you grow your business, the City can connect you with many FREE services from agencies including:

 **SCORE**

 **Small Business Development Center at Daytona State College**

 **Volusia County Economic Development Department**

 **Team Volusia**

 **CEO Business Alliance**

The City also has a property tax exemption program for growing eligible businesses, on-site City-Ready staff reviews to help you plan expansions, and free brownfield environmental site assessments.

For information, please contact
Tony Otte at (386) 566-3941
or totte@cityofnsb.com.

www.cityofnsb.com/EconomicDevelopment





Excitement is Building!

Tabby House is about to start construction and we are excited! Please be aware that due to the construction only those associated with the construction can park on the site. We appreciate your patience during this time and look forward to being a great neighbor.

Sincerely,

Jack White

Health Fair and Senior Summit

Wednesday, September 30, 2015

Alonzo "Babe" James Community Center
201 N. Myrtle Avenue
New Smyrna Beach, FL

Set-up 9:30 a.m.

Break Down 1:30 p.m.

Tables and chairs will be provided. Please bring your own covering for the table.

Save The Date!

If you would like to register today, please complete the registration form below, scan and send it back to me.

Limited Space

Name of Company: _____

Address: _____

Phone Number: _____

Name and Title of attending representative: _____

Interested in doing a 15 minute workshop?

Topic: _____

Time Requested: _____

Equipment Needed: _____

Thank you in advance: Donna M. Gray-Banks, City of New Smyrna Beach, FL
dbanks@cityofnsb.com. Please forward this e-mail to any company you think might be interested in joining us.



Florida Department of Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Jonathan P. Steverson
Interim Secretary

July 14, 2015

BY ELECTRONIC MAIL
rwalker@cityofnsb.com

Ms. Rhonda Walker
Airport Manager
City of New Smyrna Beach
602 Skyline Drive
New Smyrna Beach, Florida 32168

Volusia County - Waste Cleanup
504 Industrial Park Avenue Property
504 Industrial Park Avenue
New Smyrna Beach, Florida 32168
WCU Site ID COM_308511

Review of Supplemental Site Assessment Report

Dear Ms. Walker:

The State of Florida Department of Environmental Protection (“Department”) has reviewed the May 6, 2015 Supplemental Site Assessment Report (Report), that was submitted on your behalf by Environmental Consulting and Technology, Inc. (ECT), on May 6, 2015, for the 504 Industrial Park Avenue site, in New Smyrna Beach, Volusia County, Florida. Based on our review, the Department finds the Supplemental Site Assessment Report (SSAR) **acceptable.**

Additionally, on Page 6 of the Report it is recommended that “As recommended in the June 2014 Site Monitoring/Closure Plan, and based on discussions between Jorge Caspary, Director of Waste Management FDEP, the City of New Smyrna Beach, and ECT on Thursday February 13, 2014, ECT Recommends the utilization of existing/planned governmental institutional controls and groundwater monitoring to obtain a Site Rehabilitation Completion Order (SRCO) with Conditions pursuant to Chapter 62-780 F.A.C.” Further, the proposed groundwater monitoring is for annual sampling utilizing monitoring wells MW-2 through MW-5 with the analysis for Total Recoverable Petroleum Hydrocarbons by the FL-PRO Method. The Department concurs with the proposed annual monitoring plan. However, please also measure the amount of free product in monitoring well MW-1.

Additionally, please submit a copy of any governmental control(s) that the city of New Smyrna Beach is proposing to use for site closure so that the Department may review the ordinances for their applicability.

The Department expects the groundwater monitoring report to be submitted by May 16, 2016. Please submit the report in electronic format to DEP_CD@dep.state.fl.us, with a copy to Shabbir.Rizvi@dep.state.fl.us and Roger.Sussko@dep.state.fl.us. If the file is very large, you may post it to the Waste Cleanup folder on the Central District's ftp site at: ftp://ftp.dep.state.fl.us/pub/incoming/Central_District/Waste_Cleanup/. After posting the document, send an e-mail to DEP_CD@dep.state.fl.us, with a copy to Shabbir.Rizvi@dep.state.fl.us and Roger.Sussko@dep.state.fl.us, alerting us that it has been posted.

If you have any questions regarding our review, please contact me at (407) 897-4176 or by e-mail at Roger.Sussko@dep.state.fl.us.

Sincerely,



Roger Sussko
Environmental Specialist
Permitting and Waste Cleanup Program



G. Bret LeRoux, P.G., Environmental Administrator
FL Reg. No. 0001164
Permitting and Waste Cleanup Program

RJS/gbl/rjs

c: Ms. Sarah M. Mellring, Senior Associate Scientist, ECT, smellring@ectinc.com
Ms. Pam Brangaccio, City Manager, City of New Smyrna Beach, pbrangaccio@cityofnsb.com
Mr. Frank B. Gummey, III, City Attorney, City of New Smyrna Beach, fgummey@cityofnsb.com

