

**AIRPORTS AUTHORITY
OF TRINIDAD AND TOBAGO**

In 2018, Airports Authority of Trinidad and Tobago (the Authority) focused on improving its facilities and amenities to enhance the customer experience and maintain the highest levels of operational efficiency, safety and security. 2018 saw the introduction of strategic initiatives which included:-

**UTILIZING TECHNOLOGY
TO IMPROVE SERVICE DELIVERY:**

The Authority installed infrastructure for an automated car park payment system within the terminal building at the Piarco International Airport. In-terminal payment means more secure transactions and reduced queueing at the exit lanes. Also incorporated into this new system is a way-finding feature, that allows customers to spend less time looking for available parking spaces at the airport car park.

EXPANSION OF THE SOUTH TERMINAL

The Authority sought to repurpose the South Terminal to provide facilities for expanded opportunities in cargo, helicopter operations, private aircraft handling and general aviation support. Growth in cargo movement capability via facility expansion, storage variety and 24/7 operations will take advantage of the projected growth in the aviation industry. Broadened opportunities for import/export, will increase global

market access and air traffic growth. Improved air transport connectivity and liberalization of air cargo services are just some of the benefits of an expanded cargo industry.

NEW INTERNATIONAL AIR SERVICE TO TOBAGO

The Authority continued to expand its route network with the introduction of Sunwing Airlines in December 2018.

WIDER RANGE OF SHOPPING FOR CUSTOMERS

The addition of new concessions and duty free offerings provide a greater variety of new dining experiences and increased shopping options.

EMERGENCY PREPAREDNESS

The Authority partnered with JetBlue in 2018 to conduct an active shooter exercise at Piarco International Airport and performed the biennial emergency drill at ANR Robinson International Airport. The continual training of staff to deal with emergency situations through scenario planning and simulations ensures that the Authority is adequately equipped to respond to any type of emergency at its facilities and preserve the safety and security of all customers and stakeholders.

Other notable achievements include:

- Nominated by World Travel Awards for Best Airport in the Caribbean.
- Skytrax World Airport Awards - Placed in the Top Ten for Best Airport Staff in the Region;
- Continuous Aviation Training for Local, Regional and International Partners;
- Continuous Preventative Maintenance and Pavement Management Rehabilitation Works;
- Added Ambient Comfort at Airport Terminals for Airport Users;
- Introduction of Enterprise Resource Planning Software for Enhanced Business Processes;
- New Car Parking Facilities at the ANR Robinson International Airport; and
- Obtained EU grant for installation of solar farm and use of renewable energy sources at Piarco International Airport.

PROJECTIONS FOR 2019

The Authority will ensure that the facilities and levels of customer service at both Piarco and ANR Robinson International Airports continue to be on par with the highest international standards and best practices.



Staff of the Airports Authority at the ANR Robinson International Airport, Tobago

**TRINIDAD AND TOBAGO CIVIL AVIATION
AUTHORITY (TTCAA)**

The Trinidad and Tobago Civil Aviation Authority (TTCAA) works to maintain the standards of safety and efficiency compliant with the International Civil Aviation Organization (ICAO) Convention.

In 2018, the TTCAA began an extensive upgrade of the hardware and software for its complex Air Traffic Management system which includes radar surveillance, voice communications, control switching, and other critical components that help to orchestrate the safe and secure facility of air travel in the skies above Trinidad and Tobago.

The TTCAA also invested in training by strengthening the capacity of its Civil Aviation Training Centre (CATC). With

the aim to become the premier air navigation service training institution in the region, CATC developed a comprehensive curriculum that was delivered onsite in the Cayman Islands, Aruba, Tortola and Suriname.

Additionally, the CATC finalised an agreement to host an Advanced Diploma in Aviation Studies with the University of Geneva and the International Air Transportation Association.

Simultaneously, it is negotiating with the ICAO and Ecole Nationale de l'Aviation Civile (ENAC) of France to host a Master of Science Degree Programme in Aviation Safety.

In partnership with the University of Trinidad and Tobago (UTT), the TTCAA-CATC will also host aviation and general courses at the TTCAA-CATC's facility from 2019 onward.



LEGISLATIVE REFORM

Over the 2018 period, the Ministry of Works and Transport actively pursued a number of Legislative initiatives that will marshal ground breaking programmes geared towards improving road safety and greater levels of accountability on our nation's roadways. According to recent statistics from the TTPS, Trinidad and Tobago recorded its lowest road fatality rate since 1958. This is a big win for the nation brought about by the concerted effort of the MOWT and its stakeholders. During the first half of 2019, members of the public will witness the implementation of key initiatives such as the:

- DEMERIT POINTS SYSTEM
- RED LIGHT CAMERA SYSTEM
- FIXED PENALTY TICKETING SYSTEM

This suite of initiatives will have considerable benefits as it will:

- Reduce the backlog of traffic cases currently in the Magistrate's Courts;
- Reduce the number of new traffic cases being filed due to the non-payment of traffic tickets;
- Utilize online platforms and convenient



Developing **INFRASTRUCTURE** for the **FUTURE**



Senator the Honourable Rohan Sinanan Minister of Works and Transport

The Ministry of Works and Transport (MOWT) remains committed to the social and economic advancement of Trinidad and Tobago. Through the provision of high quality infrastructure and transportation services, the Ministry strives to support the development of a united, resilient, productive and innovative society.

While remaining anchored to the ideals of Vision 2030, our core projects in 2018 focused on the expansion of the road network system, coastal protection, legislative reform, the introduction of innovative technologies and

advancements in the delivery of land, sea and air services. All of these efforts ultimately aim at improving the quality of life for us in a contemporary world that increasingly demands more reliant infrastructure and efficient modes of transportation.

In embracing this colossal responsibility to help create a better society, I must admit that as a team, we faced many setbacks while staying the course. Most challenging has been the task of having to achieve more results with fewer funds and scarcer resources.

This reality often requires reprioritising, delaying and sometimes reconceptualising plans. Nevertheless, considerable progress was achieved which has laid the foundation for the launch of several new initiatives in 2019 and 2020.

As always, I remain grateful to the staff of the Ministry whose hard work and determination have allowed us to achieve many milestones.

I invite you to peruse this publication as the Ministry shares its latest accomplishments and future plans.

- locations, thereby reducing the number of default payments;
- Decriminalise traffic offences by creating a new system of traffic violations;
- Allow for the rehabilitation of errant motorists who pose a serious danger to road users;
- Deploy the use of technology to assist law enforcement to access data in real time while on patrol; and
- Contribute directly to the reduction of crime and the creation of an orderly society for the benefit of all our citizens.

In 2019, the Ministry's Legislative Agenda will focus on:

- Regulations to introduce a National Disabled / Accessible Parking System for persons with disabilities in Trinidad and Tobago;
- Finalization of the Policy and Regulations for the safety of Cyclists;
- Deployment of Parking Meters in the cities of Port of Spain and San Fernando (Pilot project);

- The new electronic Licence Plate System;
- The Spot Speed Camera Enforcement System;
- Regulations for Tint Meters to measure motor vehicle tint.



Police Officer Operates Lidar Speed Measuring Device

MORUGA

THE GRAN CHEMIN FISHING FACILITY

This undertaking will capitalize upon the already vibrant fishing industry found in Moruga and build its capacity for greater revenue by constructing a new fishing facility. The project will consist of two components for land and marine activities.

The marine component will offer the capacity to hold over 120 fishing vessels, welcoming the business contribution from fishermen nationwide. To protect the fisher folk and their assets, Government will provide the presence of the Coast Guard whose watch will also help to protect the southern coastline of Trinidad.

The land infrastructure will support the marine component as it will cultivate a community that

serves the needs of the fishing industry with boat, engine and net repairs. Also included will be locker rooms and ice makers supporting wholesale and retail sale at designated spots.

In 2018, the National Infrastructure Development Company Ltd. (NIDCO) started the conceptual designs for both components of the project, the applications for the Certificate of Environmental Clearance (CEC) and embarked on the initial phase of land acquisition.

In 2019, it is projected that all statutory approvals will be acquired, along with the completion of designs and land acquisition. This will be followed by the start of construction.



Conceptual design - Gran Chemin Fishing Facility, Moruga

THE TOCO FERRY PORT

Toco Bay offers the optimal location for a fast ferry port and the MOWT is currently pursuing this endeavour as a catalyst to opening up east Trinidad to new industrial, commercial and residential development. The new Toco Ferry Port facility will provide economic growth particularly in the tourism sector as well as the opportunity for the expansion of businesses in the surrounding communities.

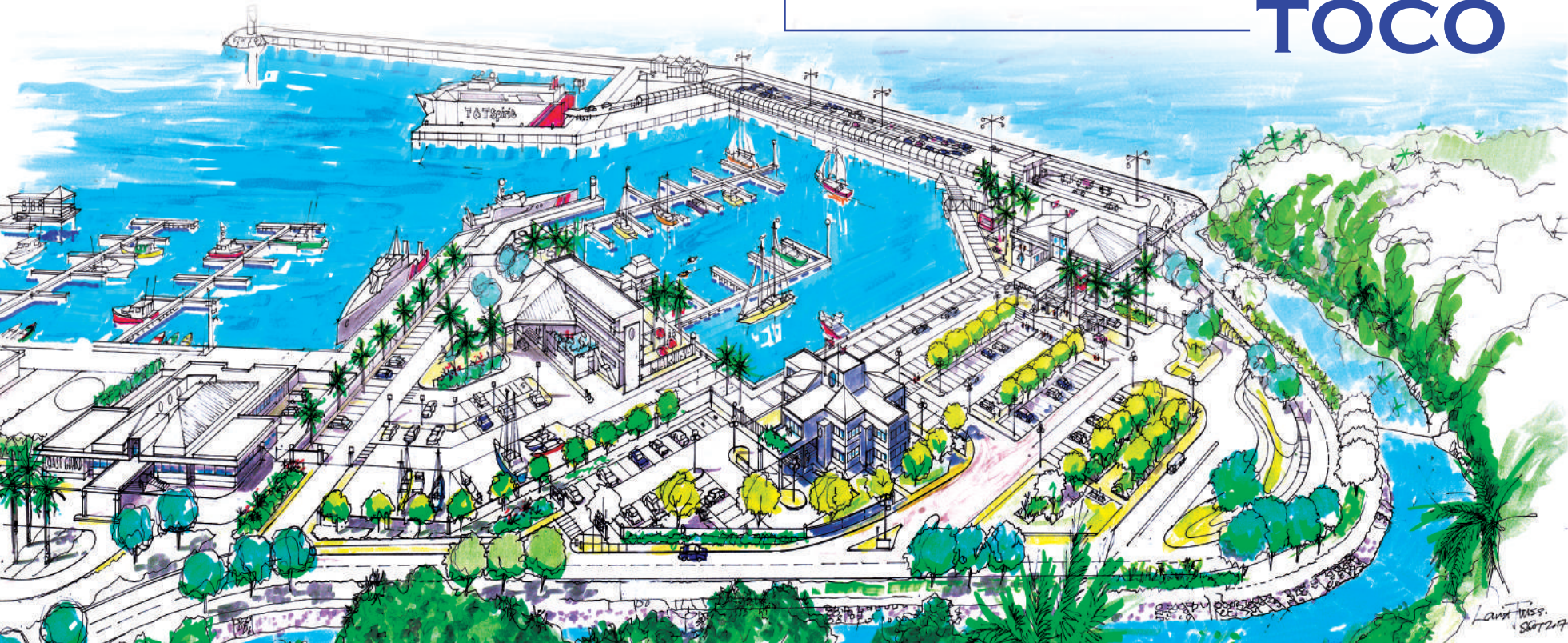
The project will provide a more efficient inter island ferry service between Trinidad and Tobago thereby creating connectivity and reliability as Toco would serve as an additional gateway to Tobago. When operationalised, the travel time between Toco and Tobago is estimated to be 45 minutes.

The facility will include:

- An inter-island ferry terminal;
- Amenities including a marina for docking yachts and other pleasure craft;
- A Coast Guard base;
- A fishing and boat repair facility;
- A sewage treatment plant; and
- A bunkering facility.

In 2018, NIDCO obtained the final Terms of Reference for the Environmental Impact Assessment. It also procured the services of consultants to undertake the Environmental Impact Assessment as well as Geotechnical Surveys. For 2019, NIDCO will complete the geotechnical surveys and the Environmental Impact Assessment for the project.

TOCO



COASTAL PROTECTION PROGRAMME

“We are in fact suffering from the ravages of coastal erosion and as a small island developing state, it is in fact a monster that beckons...”

Anthony Carmona, SC ORTT
Former President of the Republic of Trinidad and Tobago - January 2016.

To treat with coastal erosion, the Ministry has embarked upon sustainable coastal management strategies that seek to protect vulnerable communities and natural environments along Trinidad and Tobago’s coastline.

These projects include:

- The Quinam Coastal Protection Works – the beach facility was reopened to the public in

December 2018;

- Cocos Bay Shoreline Stabilization Works and South Cocos Bay Shoreline Stabilization Works along the south Manzanilla coastline;
- Sans Souci Shoreline Stabilization Works along the Paria Main Road, Sans Souci;
- Cap de Ville Shoreline Stabilization Works between Chin Kit Road and Sunset Beach, Cap de Ville;
- Matelot Shoreline Stabilization Works Phase II addressing two critical sites in Matelot Village;
- Little Rocky Bay Stabilization Works in Tobago comprising the construction of a breakwater system at the Magdalena Grand Golf and Beach Resort.

In 2019, the Ministry will implement the Comprehensive National Coastal Monitoring Programme and the Shoreline Management Plan for the Manzanilla Beach projects. These projects are designed to fill the data and information gaps that have historically created challenges for sound decision making with regard to coastal engineering and management; and the continued prioritization of areas for further action. In 2019, the Ministry has also prioritized the implementation of the South West Peninsula Study to holistically diagnose the challenges and problems being faced by coastal communities along the southwest coastline and to develop an appropriate action plan.



Quinam Coastal Works



Sans Souci Shoreline Stabilization Works



On-going Cocos Bay Shoreline Stabilization



Conceptual design - Cap de Ville Shoreline Stabilization Works

BRIDGES RECONSTRUCTION PROGRAMME

The Bridges Reconstruction Programme is continuing to achieve its mandate to build and rehabilitate 62 bridges. Under Phase 1 of the programme, 25 bridges are being reconstructed. Prior to 2018, a total of 16 of these bridges were completed and opened for use. In 2018, 4 bridges

were completed and opened for use. In 2018, 4 bridges were completed and opened for use. In 2018, 4 bridges were completed and opened for use.

three (3) bridges which are expected to be completed and opened before the end of fiscal 2019. In March 2017, approval was granted for the construction of 12 bridges under Phase 2 of the programme. Contracts were awarded in January 2018 and to date, works have commenced, to varying extents, on the following bridges:

| Bridge | District |
|---|----------------------|
| B2/1 Cunapo Southern Road | Cumuto/Manzanilla |
| B4/35 Paria Main Road | Toco Sangre Grande |
| B5/35 Paria Main Road | Toco Sangre Grande |
| B1/70 Paria Main Road, Blanchisseuse (Yara River) | Arima |
| B1/35 Southern Main Road | San Fernando West |
| B1/11 Cipero Road | San Fernando West |
| B1/1 Freeport Todds Road | Couva/Tabaquite |
| B1/3 Freeport Mission Road | Couva/Tabaquite |
| B1/1 Manuel Congo Road | Cumuto/Manzanilla |
| B2/10 Talparo Main Road | La Horquetta/Talparo |
| B1/1 Marchin Road | Chaguanas East |

B1/1 Maracas Royal Road

B1/1 Camden Road

B1/73 Southern Main Road Cedros

B1/1 Camden

CONNECTING, SUSTAINING AND MAINTAINING THE ROAD NETWORK

The Highways Division of the Ministry of Works and Transport experienced several successes in 2018 which continued to drive the social and economic landscape of the nation. The Highways Division is widely engaged in the maintenance and upgrade of major roads and highways through the efficient use of resources at the Agua Santa Asphalt Plant. The plant produced **5,829** tonnes of hotmix asphalt which was used daily across eight districts to patch **76,171.36 m² of roadway**.

In addition to maintenance of the major roads and highways, the Division successfully attended to ten culvert repairs across Trinidad. These included Beetham Highway Westbound and Eastbound; the Sir Solomon Hochoy Highway in the vicinity of Freeport; culvert replacement in Guaico Tamana Road and the Eastern Main Road in Sangre Grande.

The Beetham Highway project also saw a lot of activity in 2018 with the replacement of the last two of five existing ARMCO Crossings across the Eastbound and Westbound lanes of the Highway. The Beetham Highway also benefitted from milling and paving works along with the Sir Solomon Hochoy Highway, Connector Road, Uriah Butler Highway, Southern Main Road Cedros, Western Main Road Cocorite and Southern Main Road Warrenville. A total of 13 piling and shoring projects were completed in 2018 under the Highways Division. These included projects along Sisters Road, Lengua Road, Sir Solomon Hochoy Highway, Sixth Company Circular Road, Saddle Road, Buen Intento Road, Siparia Road, Brasso Caparo Station Road and Couva Main Road.

2018 saw the Division attending to other emergency works at the 11km mark of the North Coast Road, Maracas, where a Bailey bridge was installed in less than 72 hours after the roadway collapsed, restoring two-lane traffic to the community. The Division also quickly restored access to communities following landslips along the Northern Range of Trinidad, namely the Heights of Aripo, North Coast Road, Blanchisseuse Road and Lady Young Road.



Emergency Works North Coast Road



Beetham Culvert Repair Works



Conceptual design - Diego Martin Interchange Project

SUMMARY REPORT 2018/2019

| Category | Number of Projects | Completed |
|-------------------------------|--------------------|-----------|
| Drainage Road Rehabilitation | 33 | 5 |
| | 41 | 10 |
| Slope Stabilization | 26 | 6 |
| Safety and Traffic Management | 13 | 2 |

In 2019, one of the major projects to be undertaken by the Highways Division is the construction of the Diego Martin Interchange.

This project will address the following:

Improved safe access to adjacent new developments (West Park Savannah and Diego Martin Regional Complex) and existing communities (Victoria Keys, Powder Magazine 1 and 2);

Improved connectivity to the Western Peninsular;

Increased accommodation for current volumes and for future growth; and

Reduced traffic congestion.



Upgrade of the South Trunk Road (SHHEPF)

2019 INITIATIVES

| | |
|-----------------------------------|--|
| Weight Control Scales | 2 Weight Control Scales will be commissioned in 2019. <ul style="list-style-type: none">Agua SantaGolconda |
| Rest stops | The MOWT will commission rest stops in the following areas: <ul style="list-style-type: none">East West Corridor-4 locationsNorth-South Corridor-3 locations |
| Beautification | 70 private companies have partnered with the MOWT to beautify areas along the Highways and Main Roads. The Ministry will continue to partner with other companies for the remaining areas. |
| Intelligent Transportation System | Expansion of the Ministry's National Traffic Management System. This project includes installation of additional cameras along the: <ul style="list-style-type: none">CRH from the CRH Interchange to Piarco;UBH and Solomon Hochoy Highway up to Couva;Upgrade of signalized intersections. |
| Manzanilla Mayaro Road Widening | Conceptual designs and prefeasibility studies to upgrade the road to international standards will be completed in 2019. Construction to commence in 2020. |

DRAINAGE DIVISION COMPLETES OVER 230 PROJECTS IN 2018

In 2018 the Drainage Division delivered on its mandate and completed over two hundred and thirty (230) projects at various locations throughout Trinidad. Projects included the desilting of major watercourses to mitigate flooding; rebuilding of embankments; and construction projects to afford protection to properties that were in close proximity to watercourses.

During 2019, the Division plans to continue its capital infrastructure programmes focusing on rehabilitation of paved watercourses such as the Diego Martin,

Maraval and St. Ann's Rivers. The Central Tenders Board has invited tenders on behalf of the Ministry of Works and Transport for the Caroni River Rehabilitation and Improvement Works Project which seeks to mitigate some of the flooding issues in the Caroni River Basin.

Through the Programme of Upgrade to Existing Drainage Pumps and Gates Inventory, several drainage pump sites have been earmarked for rehabilitation and replacement of sluice and flap

gates. The Drainage Division will undertake over three hundred (300) maintenance (desilting) and short-term construction projects across the country; all in an effort to curb the effects of the disastrous flooding which took place last year.

Citizens are urged to work with the Government in reducing indiscriminate dumping, construction of land developments without prior approval and carrying out illegal quarrying operations as these contribute to flooding in various catchments throughout Trinidad.

PORT OF SPAIN FLOOD ALLEVIATION PROJECT

The City of Port of Spain has a history of flooding particularly in the vicinity of South Quay. In response, the MOWT put together a team from the PURE Unit, the Coastal Protection Unit and the Drainage Division to investigate and find short to medium term solutions to flooding along South Quay and surrounding streets of Port of Spain.

The Port of Spain Flood Alleviation project therefore seeks to improve drainage in the area through the construction of new drains and improvement to existing drainage channels. This project will be executed in two phases. Phase I of the project which is soon to be completed, included the construction of a drainage channel which captures water flow from the bottom of Charlotte Street to Broadway Intersection along South Quay and deposits the water at the Cove

by the Light House. Phase II of the project entails capturing drainage flows between the East Dry River and Charlotte Street along the South Quay. This segment is currently in the design stage and is carded to begin within the 2018/2019 fiscal year. To support this initiative, the MOWT will countine its desilting programmes within the Port of Spain region to ensure that the drainage channels are clear and functional.

THE PROGRAMME FOR UPGRADING ROADS EFFICIENCY (PURE)

The PURE Unit, is a Project Management Unit in the Ministry of Works and Transport responsible for the implementation of roads efficiency. In fiscal 2017/2018 the Unit successfully initiated several projects including:

| MAJOR PROJECTS COMPLETED IN 2018 | MAJOR PROJECTS ONGOING | UPCOMING MAJOR PROJECTS | UPCOMING PROJECTS |
|---|--|---|---|
| SEA LOTS PEDESTRIAN OVERPASS | Wrightson Road Water Taxi Pedestrian Overpass 18% COMPLETED | MARAVAL ACCESS (PHASE III) From Ellerslie Plaza to Gittens Avenue | Road Rehabilitation: 227 PROJECTS |
| AUGUSTINE LANE SLOPE STABILIZATION PROJECT | Chaguanas Traffic Alleviation Project Phase 1 87% COMPLETED | WRIGHTSON ROAD WIDENING From Colville Street to Ana Street | |
| NAPARIMA/MAYARO ROAD SLOPE STABILIZATION PROJECT (AGOSTINI VILLAGE) 46.5 KM MARK | B1/1 Freeport Todd’s Road Bridge 60% COMPLETED | PORT OF SPAIN FLOOD ALLEVIATION (PHASE II) Between Charlotte Street and the St. Ann's River, South Quay | Slope Stabilization: 34 PROJECTS |
| | B1/3 Freeport Mission Road Bridge 35 % COMPLETED | VALENCIA MAIN ROAD UPGRADE PROJECT Segment III of the Valencia to Toco Highway Project | |
| MORUGA ROAD REHABILITATION PROJECT RECONSTRUCTION OF BRIDGE B 1/3 MOREAU ROAD | Slope Stabilization at Moruga 8% COMPLETED | RIENZI KIRTON HIGHWAY PEDESTRIAN OVERPASS | Bridge Reconstruction: 10 PROJECTS |
| CHURCHILL ROOSEVELT HIGHWAY WIDENING FROM PIARCO INTERSECTION TO MAUSICA INTERSECTION | Cement Stabilization of theNaparima Mayaro Road 15% COMPLETED | LADY HAILES AVENUE WIDENING | |
| | Port of Spain Flood Alleviation Phase 1 90% COMPLETED | MORVANT TO MARITIME IMPROVEMENT PROJECT From Maritime Roundabout to Lady Young Ave (off Lady Young Road) | |



Dr. the Honourable Keith Rowley, Prime Minister of the Republic of Trinidad and Tobago turns the sod with Mr. Darryl Smith, Member of Parliament for Diego Martin Central, while Senator the Honourable Rohan Sinanan, Minister of Works and Transport and the Honourable Anthony Garcia, Minister of Education (right of the Hon.PM) look on. To the left are Mr. Junior Sammy and Mr. Hayden Phillip, Programme Director of PURE.

On Wednesday 16th January, 2019, Dr. The Hon. Keith Rowley, Prime Minister of the Republic of Trinidad and Tobago delivered the Feature Address and turned the sod, to officially begin the

Construction for the Diego Martin Pedestrian Overpass/Walkover.

Due to the implementation of the Diego Martin Highway Expansion Project, a pedestrian overpass was deemed necessary to reduce pedestrian and vehicular conflicts along the Diego Martin Highway.

The PURE Unit will design and manage the construction of the 36.5 meter span box truss pedestrian overpass.

EXPANDING THE NATIONAL HIGHWAY NETWORK

Closing the transportation infrastructure gap represents the profound opportunity to literally pave the way toward a sustainable future. Expanding the highway network will create interconnectivity between rural and urban communities; and ease traffic congestion in Trinidad and Tobago. As the MOWT continues to lead Government's efforts to expand the nation's highway capacity, the following projects are being undertaken:

CUREPE INTERCHANGE:

The Churchill Roosevelt Highway-CRH/ Southern Main Road-SMR Curepe Flyover and Ancillary Works (or "the Curepe Interchange") is the current phase of the interchange improvement projects being implemented as part of the larger East-West Corridor Expansion and Improvement Works Programme.

The Curepe Interchange Project involves -

- Construction of an overpass with two clover leaf sections at the intersection of CRH and SMR, Curepe and other ramps;

Widening and re-alignment of the CRH to accommodate six lanes and frontage roads north and south of the CRH; and

Construction of a roundabout in the south-eastern quadrant near Kay Donna and Re-alignment of the Southern Main Road.

This project will bring relief to thousands of motorists who travel along the CRH daily.

CHURCHILL ROOSEVELT HIGHWAY EXTENSION TO MANZANILLA (CRHEM) PROJECT

The project entails construction of a new highway from the intersection of the Churchill Roosevelt Highway/Cumuto Road to Manzanilla (CRHEM). The highway will be a four lane free-flow structure with the following benefits:

- The construction of this highway will see over 3,600 new workers being integrated into the workforce. Contractors, skilled and unskilled labourers will all have equal access to jobs and employment opportunities. It will also increase the potential to create numerous types of jobs inclusive of masons, carpenters, drivers, vehicle operators, road builders, maintenance personnel etc;

route, as the access to land will become easier;

The Highway will ensure that in a time of disaster, an adequate route will be available for bringing in relief and evacuating people out of east Trinidad;

The CRHEM project connects to the proposed highway to Toco from an interchange at Ojoe Road. The Highway to Toco creates a major link to the proposed Port at Toco which will facilitate an additional route between Trinidad and Tobago. All benefits generated through this route are indirectly attributable to the CRHEM Project; and

The travel time from Port of Spain to Sangre Grande will take as little as 1 hour.

ACHIEVEMENTS IN 2018:

Following the favourable ruling of the Privy Council, construction recommenced on Phase 1 (Package 1A), of the project-A 2.5km stretch that was previously awarded to Kall Co Ltd. More than 50% of designs have been completed for the remaining packages of Phase 1 to Phase 3. This project has been divided into ten (10) packages and include:

| | |
|-------------------|--|
| Package 1A | 300m East of Cumuto Road |
| Package 1B | Starts at the end of Package 1A and ends 1.5 Km before the Eastern Main Road (EMR) |
| Package 2 | Cumuto Road Crossing No.2 |
| Package 3 | East of 1B to West Grande Overpass |
| Package 4 | West Grande Overpass to EMR Crossing |
| Package 5 | EMR Crossing to North Grande Interchange |
| Package 6 | Ojoe Road Rehabilitation |
| Package 7 | North Grande Interchange |
| Package 8 | North Grande Interchange to 17+700 |
| Package 9 | 17+700 to Guaico River Bridge |
| Package 10 | Guaico River Bridge to Toco Main Road Interchange |

| | |
|-----------------|-----------------------------------|
| Phase 3 | |
| Phase 3A | CHN 0+000 (Exis CRH) to CHN 2+000 |
| Phase 3B | CHN 2+000 to CHN 3+800 |
| Phase 3C | CHN 3+800 to CHN 6+250 |



THE VALENCIA TO TOCO ROAD

The existing road to Toco is the narrow and winding Toco Main Road. The distance from Valencia to Toco is 49 km and the travel time is approximately 1.5 hours. The new roadway will consist of a 43km 2-lane upgraded roadway and will serve the new port to be located in Toco Bay.



The new port will provide a faster alternative sea route to and from Tobago from east Trinidad and, together with the upgraded roadway, will open up the entire northeast region of Trinidad for new industrial, residential and commercial development.

Construction of the new Valencia to Toco roadway will be completed under 10 work packages.

ACHIEVEMENTS IN 2018:

- The preferred highway route has been selected and is a combination of existing and new roadway;
- Detailed designs for 2 work packages have been prepared and will be used to invite tenders; and
- Preparation works are underway to support the application for Certificate of Environmental Clearance.

SOLOMON HOCHOY HIGHWAY EXTENSION TO POINT FORTIN (SHHEPF) PROJECT

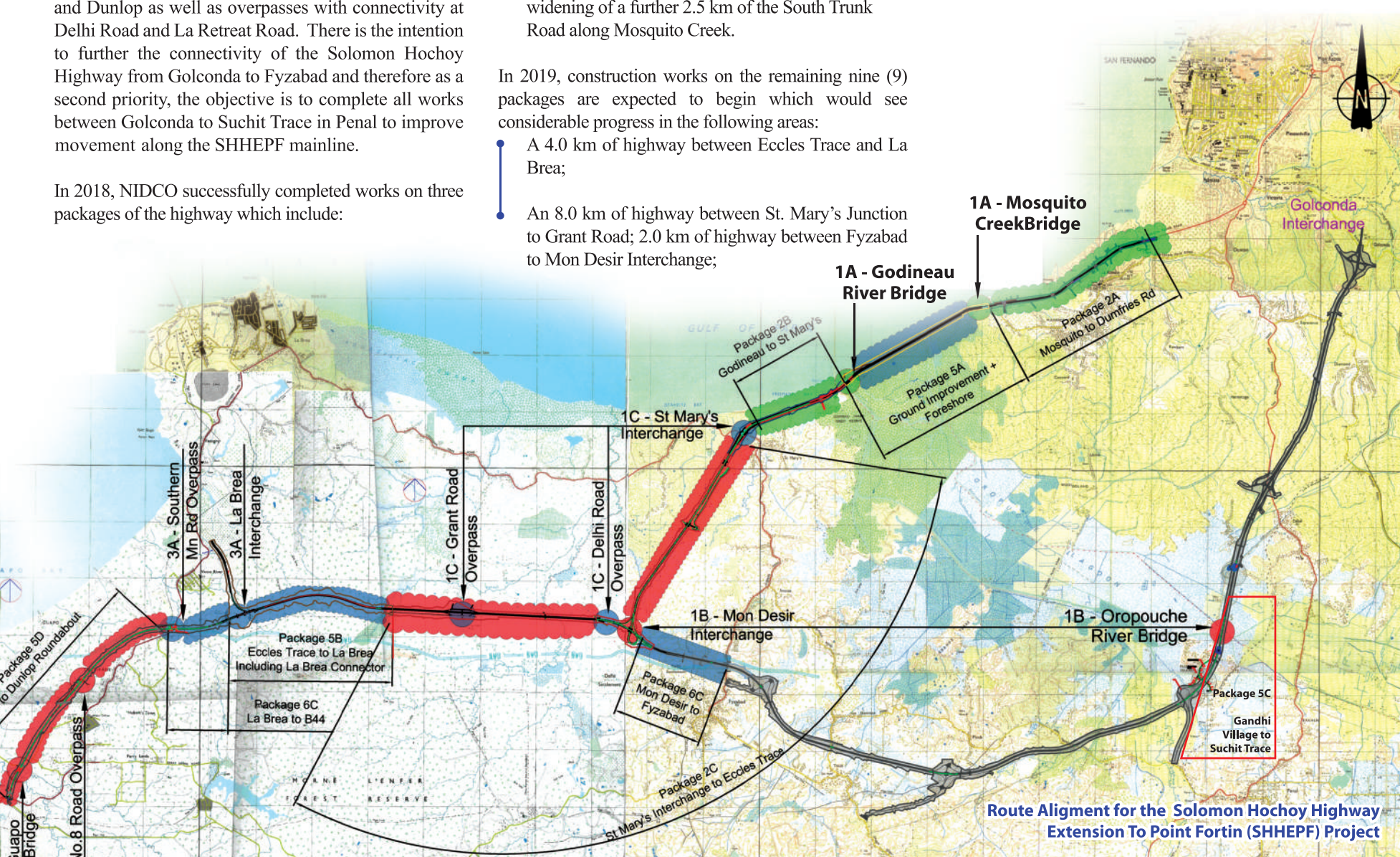
The Government remains focused on completing the Solomon Hochoy Highway Extension to Point Fortin (SHHEPF) Project. The current project priorities include the completion of the northern link from Dumfries intersection to Dunlop roundabout with a connection from Mon Desir Interchange back to Fyzabad Road. This priority link involves the completion of approximately 30km of highway and includes the completion of St Mary's, Grant Road, Mon Desir and La Brea Interchanges. It also included the completion of roundabouts at Dumfries intersection, Shore-of-Peace and Dunlop as well as overpasses with connectivity at Delhi Road and La Retreat Road. There is the intention to further the connectivity of the Solomon Hochoy Highway from Golconda to Fyzabad and therefore as a second priority, the objective is to complete all works between Golconda to Suchit Trace in Penal to improve movement along the SHHEPF mainline.

In 2018, NIDCO successfully completed works on three packages of the highway which include:

- Upgrade and widening of approximately 3.5 km of the South Trunk Road between the Dumfries intersection to Paria Suites;
- Upgrade and widening of approximately 2.0 km of the South Trunk Road between Godineau River Bridge to St Mary's;
- Completion of Mosquito Creek Bridge and Godineau River Bridge located along the South Trunk Road; and
- Commencement of works on the upgrade and widening of a further 2.5 km of the South Trunk Road along Mosquito Creek.

In 2019, construction works on the remaining nine (9) packages are expected to begin which would see considerable progress in the following areas:

- A 4.0 km of highway between Eccles Trace and La Brea;
- An 8.0 km of highway between St. Mary's Junction to Grant Road; 2.0 km of highway between Fyzabad to Mon Desir Interchange;



Route Alignment for the Solomon Hochoy Highway Extension To Point Fortin (SHHEPF) Project

PORT OF PORT OF SPAIN (PPOS) OVERVIEW AND OUTLOOK

In 2018, the main focus of PPOS continued to be providing higher levels of customer service in the supply chain to all customers and stakeholders. These efforts resulted in:

| 2017 | 2018 |
|--|--|
| Throughput of 252,159 twenty-foot containers | Throughput of 267,752 twenty foot equivalent units (TEU's or 20ft containers). This is an increase of six percent over the last year. |
| Throughput of 25,937 vehicles | Throughput of 29,797 vehicles which represents an increase of 15 percent. This figure included the marked increase in the handling of transshipment vehicles. |

FIXED SCANNER OPERATIONALIZED

One of the major highlights at the Port was the operationalization of the fixed scanner on Friday 12th October, 2018. With the introduction of the scanner, the scanning process, including documentation, now takes approximately 12 minutes per container, which has improved the process, making it much quicker.

The benefits of the scanner are:

- To provide greater accountability of duty and taxes with regard to the importation of goods;
- To provide an enhanced effort in national security as a detection tool for illegal drugs and ammunition;
- To provide greater efficiency and productivity in the overall processing for Customs and Excise in the supply chain; and
- To date, 1,973 containers have been scanned, averaging approximately 45 containers scanned per day. The mobile scanner will also be operationalized during the first quarter of 2019.

CRUISE SHIP COMPLEX – PORT OF SPAIN

The Cruise Ship Complex facility is managed by the Cruise Shipping department of the Port Authority of Trinidad and Tobago. The department facilitates the smooth and efficient operation of cruise ship arrivals, which include: pre-planning, timely dispatch of ground tours, communication and coordination with all stakeholders.

The first cruise ship for the season, the Caribbean Princess, arrived on Monday 5th November 2018, with more than 3,000 passengers. The last ship to call will be the MSC Prezio on Wednesday 3rd April 2019. The cruise season runs from approximately September to April.

The Cruise Ship Complex expects a similar passenger arrival in the 2018-2019 season, as it did in 2017-2018.

| 2017-2018 | 2018-2019 |
|---|--|
| 27 cruise ship calls brought 52,904 passengers to our shores. | For the present 2018/2019 season, 25 cruise ships are expected, bringing over 50,000 passengers. |

TRINIDAD AND TOBAGO INTER - ISLAND TRANSPORTATION CO. LTD

The T&T Spirit returned to service after extensive dry docking on April 16th 2018. The Galleons Passage joined the service on October 8th, 2018.



Galleons Passage



The MSC Fantasia in port last season



A truck drives into the Scanning Hall for containers

Listed hereunder is a breakdown of passenger and vehicle utilization by vessels, up to 31st December 2018. This data reflects that there is still excess capacity within the system that members of the public can take advantage of.

GALLEONS PASSAGE – 2018

From October to December

- Passenger seats available 28,800
Total Passengers transported 22,442
- Total vehicle capacity 5,470
Total Vehicles Transported 4,876.

T&T SPIRIT – 2018

From April to December

- Passenger seats available 609,330
Total Passengers transported 255,445
- Total vehicle space 65,350
Total vehicles transported of 60,38.

CABO STAR – 2018

From January to December

- Total Passenger seats available 54,150
Total passengers transported 44,621
- Total vehicle space 155,400
Total vehicles transported 77,450.

In keeping with its mandate to provide efficient and reliable inter-island transport services, the Board and Management of the Authority is committed to enhancing the operations of the Inter Island Ferry Service. As such, a more robust maintenance system has been implemented and is being monitored through the Marsoft system to ensure optimum performance of the vessels. Additionally, operational procedures are being reviewed to enhance the existing business processes. By 2020, the operations of the sea bridge will be improved with the addition of two new vessels which are currently being procured by NIDCO.



The Caribbean Princess arrives



Container Docks at the Port of Port of Spain

Aerial view of the Port of Port of Spain terminal

The Public Transport Service Corporation (PTSC)

300 NEW BUSES BY 2021

The Public Transport Service Corporation (PTSC) is a major transport provider in Trinidad and Tobago. On a daily basis, PTSC has an operational fleet of 240 buses with an average daily ridership of 27,000 persons. PTSC, in its efforts to provide a clean environment is focused on supplying environmentally friendly fueled buses. Currently, PTSC has sixty (60) Compressed Natural Gas (CNG) buses in its core fleet. This inventory will be enhanced with the addition of 12 CNG buses by mid 2019.

LAUNCH OF 35 NEW BUSES AND 5 NEW LUXURY COACHES



Ribbon cutting for the launch of 35 new buses - may 2018

LAUNCH OF 1MEGA WATT GENERATOR

To ensure business continuity in the event of a disaster or disturbance, PTSC launched a 1 Mega Watt Generator which would guarantee a steady supply of electricity. The project cost the Corporation approximately TT\$4M. This generator comes with an automatic transfer switch to provide backup power for the entire South Quay compound which includes the passenger loading areas, the concessionaires, the bus fuelling station, maxi taxi areas and more.

Second photograph - from left: Mr. Edwin Gooding Chairman of PTSC, Senator the Honourable Rohan Sinanan Minister of Works and Transport, Mrs. Sonia Francis-Yearwood Permanent Secretary Ministry of Works and Transport, Mr. Bashir Mohammed General Manager PTSC.



BUS SHELTER PROGRAMME

PTSC successfully launched a Bus Shelter Programme on the Priority Bus Route. Bus shelters across Trinidad and Tobago are being refurbished to ensure commuters have adequate coverage. To date, 6 shelters have been completed and a further 6 would be refurbished by March 2019.



PTSC Bus shelter at UWI - November 2018

BUS STOP PROGRAMME

Over 100 Bus stop signs were installed along priority routes. These new signs have been enhanced to allow commuters and bus drivers to easily recognize them at night because they are reflective. As well, each bus stop has a unique ID code for commuters to easily plan their trips and identify their destinations.



TOBAGO

For the first time in history, Tobago received 5 CNG powered buses. Additionally, 10 diesel powered buses were

purchased specifically for the terrain of Tobago in areas such as Charlotteville and it's environs. 35 new buses were assigned to 16 existing routes, previously

under-served. PTSC proposes to introduce 8 new tours and charters in Tobago which will benefit the tourism sector.



EXPANSION OF BUS FLEET AND INTRODUCTION OF TECHNOLOGY

In 2019, PTSC will add 25 additional buses with another 300 to follow by the year 2021. The expansion of the existing bus fleet will allow for a reliable and efficient bus service never before experienced throughout Trinidad and Tobago.

Members of the general public can look forward to the launch of a **Luxury Coach Service from Port of Spain to Arima**. PTSC is moving forward with technological enhancements by adding a **Mobile Application** and an **Interactive Website**. Google Transit will help enhance the commuter's ridership experience, through easy access to routes and schedules. Transit connects potential riders with transportation information across desktops and mobile devices.