

PROGRESSIVE INFRASTRUCTURAL DEVELOPMENT FOR THE FUTURE

DOING MORE WITH LESS



Senator the Honourable
ROHAN SINANAN
Minister of Works and
Transport

Over the past five years, the Ministry of Works and Transport (MOWT) has delivered an impressive and ambitious slate of national projects that are aligned with the Government's developmental agenda.

These efforts have ultimately been aimed at improving the quality of life for all citizens in an ever evolving world that demands an expanding network of resilient infrastructure, efficient

transportation and services that harness the ICT platforms that have grown common-place for most of us.

Through it all, the entire MOWT team has stayed the course in an era when we have been called upon to produce **more with far fewer resources**. We have made our procurement process more efficient and as a result, have saved taxpayers millions of dollars through properly negotiated contracts.

We have achieved some progressive firsts for Trinidad & Tobago and successfully led the charge in implementing several major transport infrastructure and service projects to benefit the nation at large.

I invite you to learn about our work within communities across Trinidad and Tobago which has contributed to creating a more united, resilient, productive and innovative society.



CUREPE INTERCHANGE

Within fourteen months of the start of construction, the Government successfully commissioned the Curepe Interchange on June 8th, 2020. Construction has made travel through this heavily used intersection much more efficient and faster. The shorter commute times will result in greater levels of productivity, better quality of life, and improved opportunity for economic growth.

The construction of this critical overpass, which saw the removal of traffic lights at the Churchill Roosevelt Highway (CRH) and Southern Main Road intersection is part of the master plan to improve traffic flows along the CRH with the ultimate removal of all traffic lights that now dot the entire length of the East-West Corridor. The driving public can look forward to the construction of similar interchanges from the University of the West Indies, St. Augustine/CRH intersection all the way up to the Piarco/CRH intersection. The tendering process has already begun for these projects.

This project had long been in the planning stage, with a bid of \$522 million that was proposed for construction in early 2015.

The Ministry of Works and Transport is pleased to have delivered this superstructure to commuters with a saving of \$221 million which will be utilized to construct the Diego Martin Overpass.

LANDMARK PROJECTS ACROSS THE NATION: For the first time in our nation's history, four major highway projects are being executed simultaneously. In the East, there is the construction of the Valencia to Toco Roadway and the Churchill Roosevelt Highway extension to Sangre Grande. In the West, the sod has already been turned for the construction of the Diego Martin Overpass. In the South, work on the Solomon Hochoy Highway Extension to Point Fortin and the Gran Chemin Fishing Facility in Moruga is well on the way to completion.

CHURCHILL ROOSEVELT HIGHWAY EXTENSION TO SANGRE GRANDE

The Churchill Roosevelt Highway Extension to Sangre Grande Project will open up the Eastern region of Trinidad to development and facilitate more efficient travel to Tobago along with the Toco Port. This project will add 36 km of international-standard four-lane freeway to the national network of highways.



VALENCIA TO TOCO HIGHWAY

The current road to Toco now isolates the communities it serves. The Valencia to Toco Highway has been planned and designed to international freeway standards to allow for faster

and safer vehicular travel and create economic activity that will invigorate smaller communities along its path like Salybia, Cumana, Toco, and Grande Riviere. This new highway supports Government's vision for economic development of the Eastern Quadrant by stimulating new industrial, residential and commercial activity.



SOLOMON HOCHOY HIGHWAY EXTENSION TO POINT FORTIN

This highway extension boasts a 4-lane divided roadway that meets international freeway standards. **The 29km priority segment of the highway now under construction will connect San Fernando with Point Fortin in just under 17 minutes.** The previous arrangement placed one foreign company in charge of the entire

project. This administration restructured works into smaller construction packages which are being implemented by several local contractors. This approach was deliberate, with the intention to boost activity in the construction sector while developing the skills of local contractors. **Approximately 400 to 1400 service providers, suppliers, professionals and labourers are employed by this project at any given time.**

Construction is expected to be completed by June 2021.



THE GRAN CHEMIN FISHING FACILITY, MORUGA

The sod has been turned for the construction of the Gran Chemin Fishing Facility, Moruga. This project seeks to build the capacity of the domestic fishing industry by providing new and modern infrastructure to facilitate the sale of seafood and high quality seafood by-products in South Trinidad.

The establishment of this facility will promote nationwide economic diversity, foster socio-economic advancement through sustainable job creation and provide a greater opportunity for Moruga to contribute significantly to the national economy.

The facility will comprise a single-storey building of approximately 2,170 square metres to house wholesale and retail areas, boat and net repair facilities, and a port for the safe berthing of pirogues, among other amenities.



DIEGO MARTIN HIGHWAY/ WESTERN MAIN ROAD IMPROVEMENT PROJECT

North-West Trinidad has historically experienced major traffic congestion as commuters travel between Diego Martin, Carenage and environs and Port-of-Spain. To facilitate improved mobility the following will be implemented in the first phase:

- The construction of a 4-lane overpass over the Diego Martin Highway;

- The construction of a fully signalled intersection at Columbus Boulevard, a new 4-lane western connector road and roundabout with access to new developments;
- The construction on an eastern connector road to provide access to Victoria Keyes and Powder Magazine developments; and
- Drainage improvement works including the construction of a detention pond.

Construction works are expected to begin in August 2020.



WORKING IN COMMUNITIES

The Programme for Upgrading Roads Efficiency (P.U.R.E.)

While the Ministry has focused on several large-scale infrastructure projects, through the Programme for Upgrading Roads Efficiency Division (PURE), works have also been targeted toward smaller communities that suffer from undeveloped or aged infrastructure which hinders access and productivity.

Although the Ministry is not officially responsible for roads that serve smaller communities, officials routinely evaluate areas in need of critical road upgrades and decide how best PURE can intervene to create more efficient and safer travel.

Over the last 5 years, the PURE Unit has embarked upon **over 550 projects** across Trinidad. Efforts have focused on road works, drainage, slope stabilization, highway widenings, bridge construction, road widenings and pedestrian overpasses.

These projects have generated over 7800 jobs nationally.



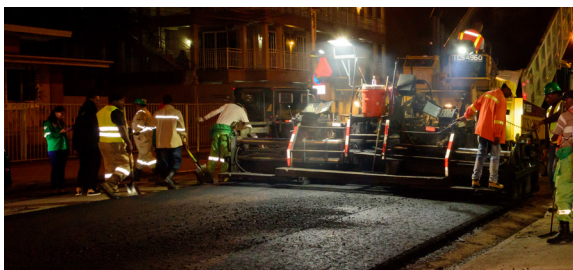
Valencia Road Rehabilitation



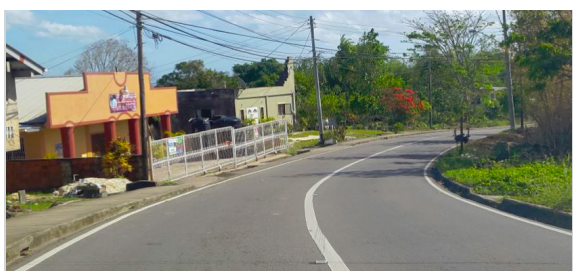
Chagnas Traffic Alleviation Project



Tucker Valley Road Rehabilitation



Repaving of Ariapita Avenue



Moruga Road Rehabilitation



North Coast Road Slope Stabilization



Beau Pres Slip Stabilization

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WORKING IN COMMUNITIES



Orange Grove Main Road Rehabilitation



Morvant to Maritime Roundabout



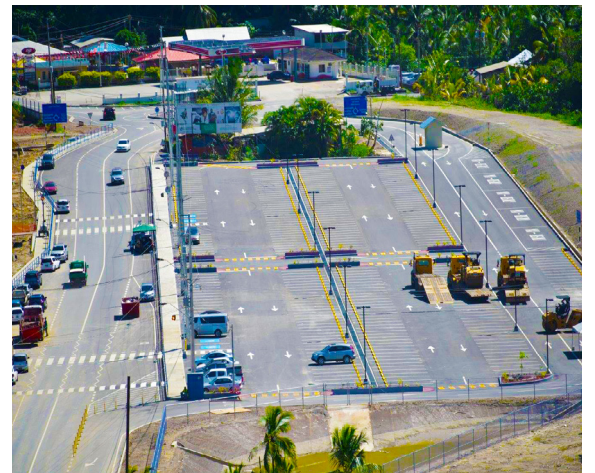
St Lucien Road Rehabilitation Project



St. Ann's Main Road Rehabilitation



Saddle Road Rehabilitation Project



Maracas Beach Carpark Project



Cascade Main Road Rehabilitation



Southern Main Road Chatham Slope Stabilization



Freeport Mission Road Rehabilitation



Lady Hailes Avenue Widening Project- Phase 1



Mundo Nuevo Slope Stabilization

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The banner features a collage of infrastructure projects: a construction site with cranes and a building, a blue bus with the slogan 'Delivering on our Mandate' and the website 'www.mowt.gov.tt', a white car, a large red and white ship, and a traffic light. The background is a blue sky with clouds.

IMPROVING ROAD SAFETY

Pedestrian Walkovers

Over the past five years, the Ministry has undertaken four major pedestrian crossing projects that have created safer access in busy areas.

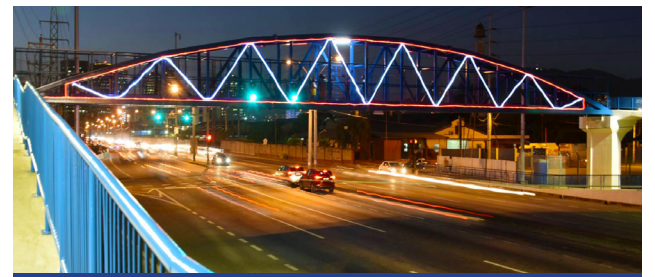
In the near future, the Ministry will begin work on two additional pedestrian overpasses at Movie Towne and Rienzi Kirton, Lady Hailes Avenue, San Fernando. Our aim is to create safer roads nationwide, in order to bring road fatalities down to zero.



Valsayn Pedestrian Overpass



Water Taxi Pedestrian Overpass, Wrightson Road



Sea Lots Pedestrian Overpass



Diego Martin Pedestrian Overpass

TRAFFIC MANAGEMENT ROAD SAFETY MEASURES

Through the Traffic Management Branch, several projects have been implemented to improve road safety.

Permanent road markings on the nation's highways to provide clear direction to drivers	1500 km	Installation of new and refurbished road traffic signs across the country to provide clear direction to drivers	2500 km	Pedestrian crossings at schools to provide safe crossing for students	21
		Pedestrian crosswalks to mark the safest area for road crossing	226	Traffic signal installations to provide a safer flow of traffic on busy roads and intersections to reduce vehicular conflict	20
		Accessible pedestrian signals for the blind, those with low vision and the hearing impaired	15	Uninterrupted power supply for traffic signals to continue the safe control of passing vehicles during an electricity outage	33



PROGRESSIVE INFRASTRUCTURAL DEVELOPMENT FOR THE FUTURE

BRIDGES

Well-constructed bridges allow for greater levels of safety and connectivity. In many areas throughout Trinidad, bridges have been plagued by limited pedestrian access, load restrictions, and weakened structure.

The Bridges Reconstruction Programme (BRP) focused on the reconstruction of 62 structurally deficient bridges. Works include the installation of sidewalks for pedestrians, increased lane capacity, slope and road protection, improved drainage and enhanced lighting for the safety of both pedestrians and drivers. Benefits to communities include minimized delays, reduced road user costs and decreased vehicle emissions.



B1 / 35 Bridge Southern Main Road, Cross Crossing San Fernando



Reservoir Hill Point Fortin



B 1/4 Mamoral Bridge



B1 / 1 Marchin Bridge



B 1 / 70 Blanchisseuse Bridge (Yarra River)



B 4 / 35 Paria Main Road, Toco

A collage of infrastructure images including a construction site with a crane and a yellow loader, an airplane in flight, a blue bus with the text 'Delivering on our Mandate www.mowt.gov.tt', a white car, and a red and white ship. A traffic light is also visible in the top right corner.

COASTAL PROTECTION UNIT

Trinidad and Tobago is a small island developing state and its coastline is particularly vulnerable to the effects of climate change. One such impact is the erosion of coastlines due to rising sea levels and increased wave activity. Since 2015, the Coastal Protection Unit (CPU) has completed six major projects that mitigate the impact of coastal erosion and flooding such as; Shore of Peace Coastal Cliff Stabilization Works, Cocos Bay Shoreline Stabilization Works, Feasibility Studies and Detailed Design Consultancy Services for Coastal Protection Works at Mayaro, Guayaguayare and South Cocos Bay Shoreline Stabilization Works.



Little Rockly Bay Stabilization Works



Shore of Peace Cliff Stabilisation Works

Currently, eight projects are in progress at the following sites: Sans Souci Shoreline Stabilization Works; Design Consultancy for a Coastal Management Solution at Lady Hailes Avenue, San Fernando, a Shoreline Management Plan for Manzanilla Beach; the Gran Chemin Fishing Facility, Moruga.



Matelot Shoreline Stabilization Works

Work is also in progress at the bay of Magdalena Grand, a site that experienced a retreat of the shoreline due to erosion activity over the years because of high energy wave action, which threatened the safety of beach goers. The CPU diminished the effects of flooding and erosion with the construction of three armour stone sills, a temporary access road, and four emergent breakwaters.



Quinam Coastal Protection



Cap de Ville Shoreline Stabilization Works

In May of 2019, the Comprehensive National Coastal Monitoring Programme (CNCMP) was initiated as a multi-phased strategy for addressing, in a planned way, the impacts of coastal erosion and flooding. Through this platform, the Ministry intends to bridge the gap between science and decision making as it pertains to the management of our shoreline and how we treat coastal erosion in a strategic manner.

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DRAINAGE

Upgrading the Nation's Drainage Capacity



Senator the Honourable Rohan Sinanan, Minister of Works and Transport, greets Mr. Gianpiero Leoncini, Representative of CAF - Development Bank of Latin America, Office in Trinidad and Tobago prior to a meeting at the Ministry's Head Office.

In the area of drainage, the upgrade and maintenance of water channels are of paramount priority in arresting the perennial problem of flooding in the country. As a result, the Development Bank of Latin America (CAF) will work with the Ministry to develop a Strategic Drainage Plan to devise solutions to mitigate flooding across Trinidad. In March of 2019, CAF submitted a rapid assessment report for the rehabilitation and improvement of drainage infrastructure in Trinidad.



City Gate Pump Site to support the Port of Spain Flood Alleviation Project

From 2015 to 2020 the Drainage Division completed over 1200 desilting projects with over 250 ongoing at various locations throughout Trinidad. Projects included the desilting of major watercourses to mitigate flooding, the rebuilding of embankments and the construction of projects to afford protection of properties that are close to watercourses, along with the following:

- Flood mitigation and erosion control programme;
 - Major river clearing programme; and
 - Infrastructure mitigation and rehabilitation works.
- Upgrade of existing pumps and gates inventory;



Ocean Sands Drain Desilting Works



Tributary to Ortoire Naparima Mayaro Road



Blackman Ravine Desilting Works

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IMPROVING THE SEABRIDGE BETWEEN TRINIDAD AND TOBAGO

Citizens who travel between Trinidad and Tobago would have experienced a marked improvement in the comfort, safety and reliability of the vessels on the inter-island service. With the addition of the two vessels to the fleet:- the Jean De La Valette (chartered by the Govt) and the MV Galleons Passage(acquired by the Gov't) the seabridge has been the popular choice for vacationers and other persons travelling between the islands. **The system is now operating at a capacity of 1800 passengers one way, with a goal to accommodate 3100 passengers one way in the near future.**

NEW PASSENGER BOATS FOR 2020

In 2020, the Government continued to roll out plans for more permanent solutions to the challenges experienced with vessel availability and reliability. Two new boats have been purchased and are currently at advanced stages of construction, namely the Bucco Reef and the A.P.T. James. **The vessels will add an additional 1900 seats and accommodation for 500 motor vehicles on the seabridge.**

NEW CARGO VESSEL

In addition, the Government has begun the process to charter a new high-speed cargo vessel, the MV Kerry from Stena Ro Ro. This newer and faster cargo vessel will improve transport between Scarborough and Port of Spain. It is a larger vessel with the capacity for **200 trucks, 78 cabins (400 beds) and has a travel speed of 20 knots.** This vessel will complete one leg of travel in just under 4 hours.



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TRANSFORMING THE VEHICLE LICENSING SYSTEM

Over the course of the last five years, the Ministry of Works and Transport implemented systems to advance the way the Licensing Division conducts business by adding:

- Online services;
- Improved customer service;
- Upgrades to Licensing Offices nationwide;
- Legislative Reform to support greater road safety; and
- Digital connectivity and sharing of information across agencies.

Customers deserve fast service, and less time standing in long lines. The Licensing Division is digitising its data management records, training staff and improving its operations, to offer the public faster and more convenient processing of transactions.

Currently, online services include:

- A Pre- Booking Appointment System for Licensing Service;
- An Online Driver's Permit Verification System; and
- An Online Vehicle Validation System.



THE NEW GUAICO LICENSING OFFICE

On Wednesday 29th July, 2020, the Guaico Licensing Office opened its doors to the Sangre Grande community. Its launch will enhance access to licensing services, particularly to communities in the Eastern Quadrant-identified as a growth pole for economic development.

Full design and building services for this facility were provided in-house by the Ministry of Works and Transport's Construction and Maintenance Divisions which brought about a significant cost saving.

This initiative forms part of a wider vision for the transformation of the Licensing Division to improve business and provide better and more accessible service.

LEGISLATIVE REFORM

In May 2020, the Ministry of Works and Transport implemented the amendments to the Motor Vehicle and Road Traffic Act Chapter 48:50 which allows for the implementation of a Demerit Points System, Red Light Camera Enforcement System and a Reformed Fixed Penalty Ticketing System. Under the amended law:

- Errant drivers in violation of specific offences and violations found in the 9th Schedule of the MVRTA can have Demerit Points recorded on their driving records;
- Errant drivers who accumulate the maximum threshold of Demerit Points, according to the law, can have their driving license suspended for a specified period;
- Drivers issued traffic tickets can now access 12 convenient TTPOST locations nationwide to pay traffic fines. Forms of payment include Cash and LINX; and
- Persons who wish to file a notice to contest a traffic ticket issued from May 27th 2020 and onward, may do so via the online portal- <https://contest.ttlawcourts.org>.

Through the use of technology, the UTURN platform allows the Licensing Division, the Judiciary, the Police Service, and the Trinidad and Tobago Postal Corporation to effectively connect, collaborate and instantly access and share information.



DEVELOPMENT OF AIR AND SEA PORTS

ANR Robinson International Airport

Plans for upgrading the capacity and quality of service at the A.N.R. Robinson International Airport to sufficiently support the tourism development thrust of the Tobago House of Assembly have remained outstanding for over 20 years. With just under one million passengers embarking and disembarking at the facility each year, the airport is a key infrastructure for the tourist-dependent economy of Tobago.

In January 2020, the Government, through NIDCO, signed an agreement with China Railway Construction (Caribbean) Company Limited – a company highly experienced in airport design and construction, to undertake the construction of a new terminal building and upgrade of the existing terminal facility at the airport.

When completed, the new terminal building, will provide:

- A state-of-the-art passenger terminal area (including more floor space for retail/duty-free and food and beverage concessions) with a capacity for 3 million passengers per year;
- Upgraded capacity to support the increased local and international tourism industry; and
- Development of the downstream industries, providing significant opportunities for new jobs on the island.

Domestic travellers will reap immediate benefits when the upgrade works are completed on the existing terminal area. Improved level of service will include:

- Expanded and refurbished domestic arrival and departure areas;
- Fully enclosed and air-conditioned security line area;
- New VIP/Diplomatic lounge;
- Upgraded curb side pick-up and drop off area; and
- Extended roof cover for weather protection.



TOCO FERRY PORT

The establishment of a Ferry Port in Toco is another Government priority project aimed at opening up economic space in North-East Trinidad. Along with the upgrade of the Valencia to Toco Roadway, the port is expected to improve inter-island connectivity between Trinidad and Tobago. The facility will be constructed in phases and provide accommodation for:

- Inter-island ferry vessels and port administrative buildings;
- Trinidad and Tobago Defence Force, Coast Guard Station;
- Fishing Facility;
- Marina;
- Capitanaire/ Inn; and
- Fish Fry Village.

This is a colossal undertaking that will eventually yield the following benefits:

- Increased potential for economic activity in general, expansion of local tourism, and increased opportunity for the hotel and restaurant industry;
- Improved accessibility and reduced travel time to Tobago;
- Improved border protection and maritime safety;
- Increased employment in the public and private sectors; and
- Increased potential for small business and entrepreneurship.



PTSC ON THE MOVE TO IMPROVING SERVICE

Over the past five years, the Public Transport Service Corporation (PTSC) has focused its efforts on several areas that will improve the customer experience and make its bus service the preferred choice for public transportation.

New buses



In 2018, 35 buses were deployed into service on 25 running routes in Trinidad and 10 in Tobago. By early 2020, an additional 25 buses were commissioned. Negotiations have also secured the acquisition of 300 additional buses which will augment the entire PTSC fleet to 500 buses, increasing its capacity to serve more travellers nationwide.

Greener fuel alternatives



With the added intent to embrace greener fuel alternatives, 38 of the buses that were deployed run on compressed natural gas which leaves a softer impact on our environment and is far more energy efficient.

New E-technology services



PTSC was also successful at introducing an Integrated Smart Transport Solution that harnesses e-technology for better customer service. Customers now have access to free Internet while on their commute. This new service is only the beginning of improved digital amenities as plans are also in place to implement an entire integrated solution that will provide customers with the:

- Provision of free internet on board all buses;
- Real time tracking of buses and reports;
- Easier access to information through a customer mobile app that provides real-time data on arrivals and departures; and
- Opportunity to purchase tickets, through an e-payment platform.



New infrastructure to improve service

Improved infrastructure to serve passengers has also been a priority with projects that include the development of a:

- New passenger terminal depot at Sangster Hill Tobago;
- Tarouba Multi Modal Transportation Hub; and
- Passenger facility at Rio Claro.

Plans are also in place for the:

- Refurbishment of bus stops and bus shelters to accommodate differently abled access;
- Upgrade of passenger facilities at San Juan, Curepe, Tunapuna; and
- Upgrade of terminus facilities at Sangre Grande, San Fernando, and Scarborough.

