

# Southern St. George Water Supply Expansion Project **An Overview**

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# Southern St. George Water Supply Expansion Project



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# PROJECT STRUCTURE



- Funds are provided by the United Kingdom Caribbean Infrastructure Partnership Fund (UKCIF), through the Foreign, Commonwealth, and Development Office (FCDO, Donor)
- Funds are managed and disbursed by the Caribbean Development Bank (the Bank), and the Procurement Policy (Nov 2019) and Procedures (Jan 2021) of the Bank apply to project procurements
- The Beneficiary is the Government of Grenada (GOGR)
- The Executing Agency is the National Water and Sewerage Authority (NAWASA)

# PROJECT OBJECTIVES



- Improve year-round access to potable water for customers served by the Annandale Water Supply System, particularly those customers in the Southern St. George area, by:
  - i. Creation of the Southern Water Supply Network, linking the Annandale Water Supply Network with the Concord Water Supply Network
  - ii. Improving data collection relevant to NAWASA decision-making, such as stream flow data
  - iii. Reducing non-revenue water (est. 23%)
  - iv. Increasing climate resilience of the infrastructure and institutional systems



# PROJECT OBJECTIVES (Cont....)

- Upgrade the sewer network (wastewater) from St. George's to Southern St. George
- Build capacity within the Government of Grenada and NAWASA through education and training:
  - i. Use of technology
  - ii. Incorporation of gender-sensitive strategies

# Project Area Delineation Map

## Legend

- Project Area
- Parish Boundary



Created by: GIS Unit, Planning & Design Department, NAWASA



# PROJECT LOCATION





# PROJECT SCOPE SUMMARY

- **Project preparation support (feasibility analysis and design)**
- **Infrastructure works: Lot 1 – Concord to St. George’s:**
  - i. Repair of existing dam (weir) on the Black Bay River
  - ii. Upgrade to the Concord water treatment plant, increasing average daily output from about 600,000 gallons to about 1,000,000 gallons
  - iii. Construction of two new potable water storage tanks at Molliniere (each 350,000 gals)
  - iv. Upgrade/repair of almost 2 miles of water mains
  - v. Installation of measurement and control devices (meteorological and hydraulic)

# PROJECT SCOPE SUMMARY (CONT...)

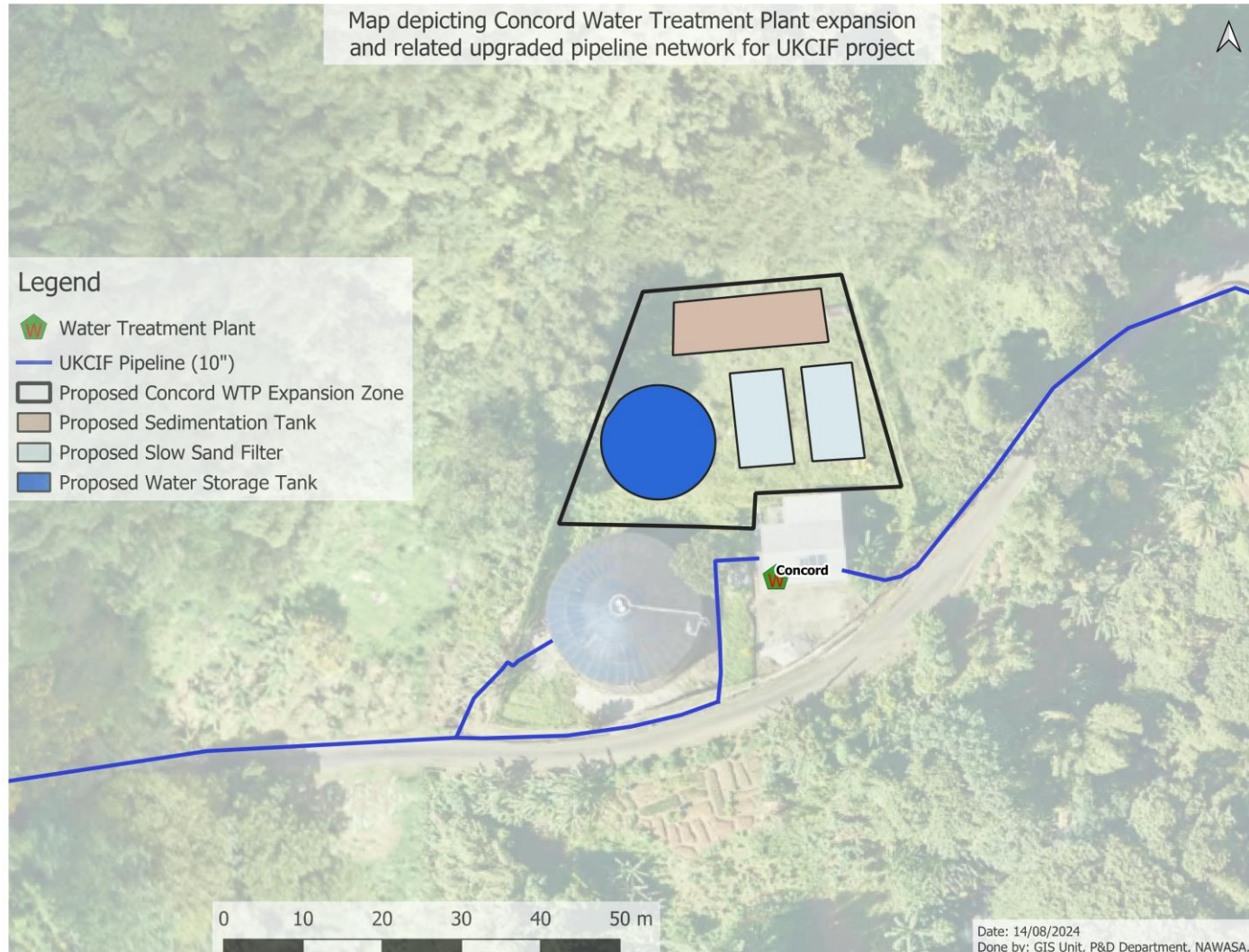


- **Infrastructure works: Lot 2 – St. George’s to Point Saline:**

- Upgrade/repair of about 7 miles of water mains
- Upgrade/repair of about 1.25 miles of sewer mains
- Upgrade of 3 sewer lift stations

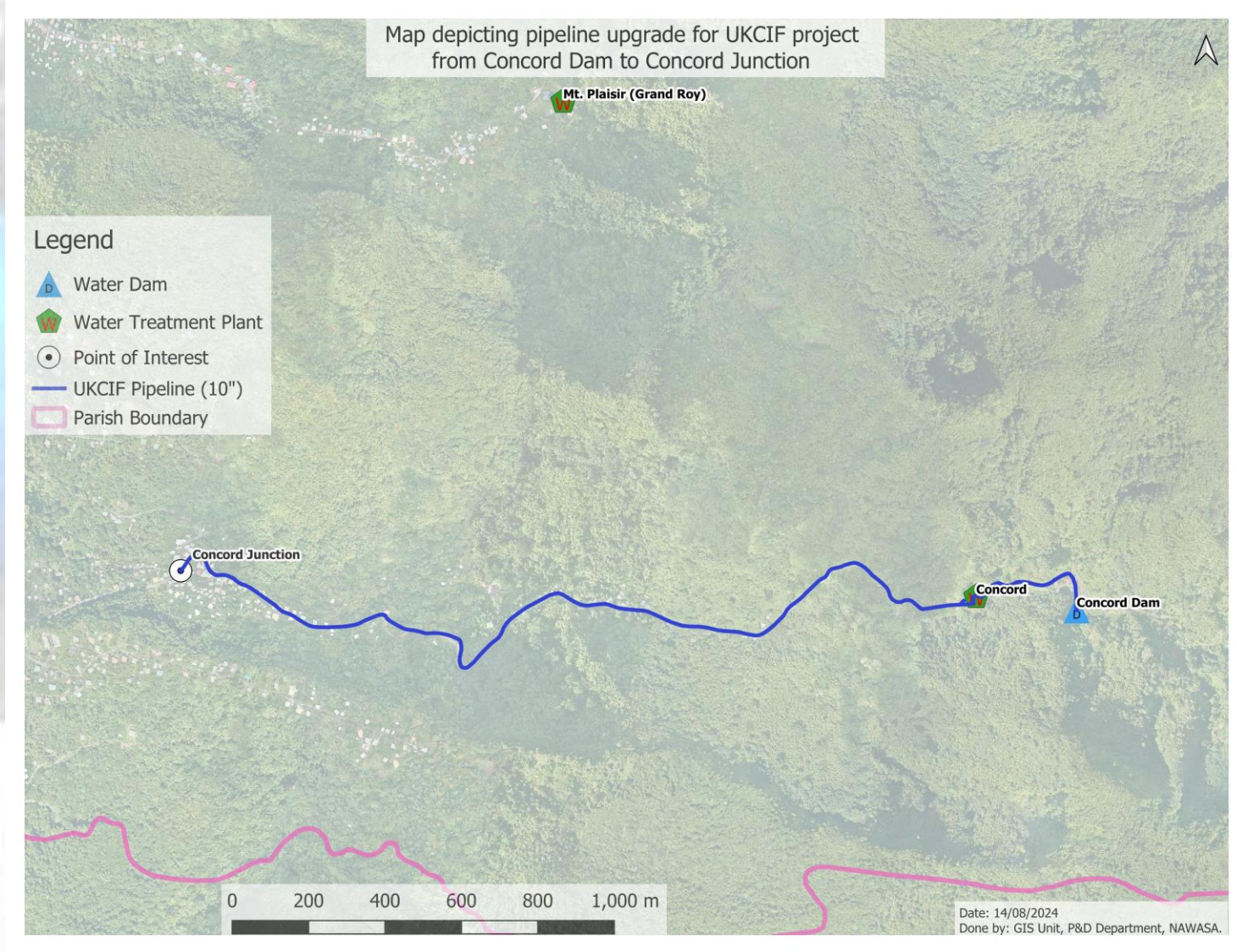


# INFRASTRUCTURE WORKS



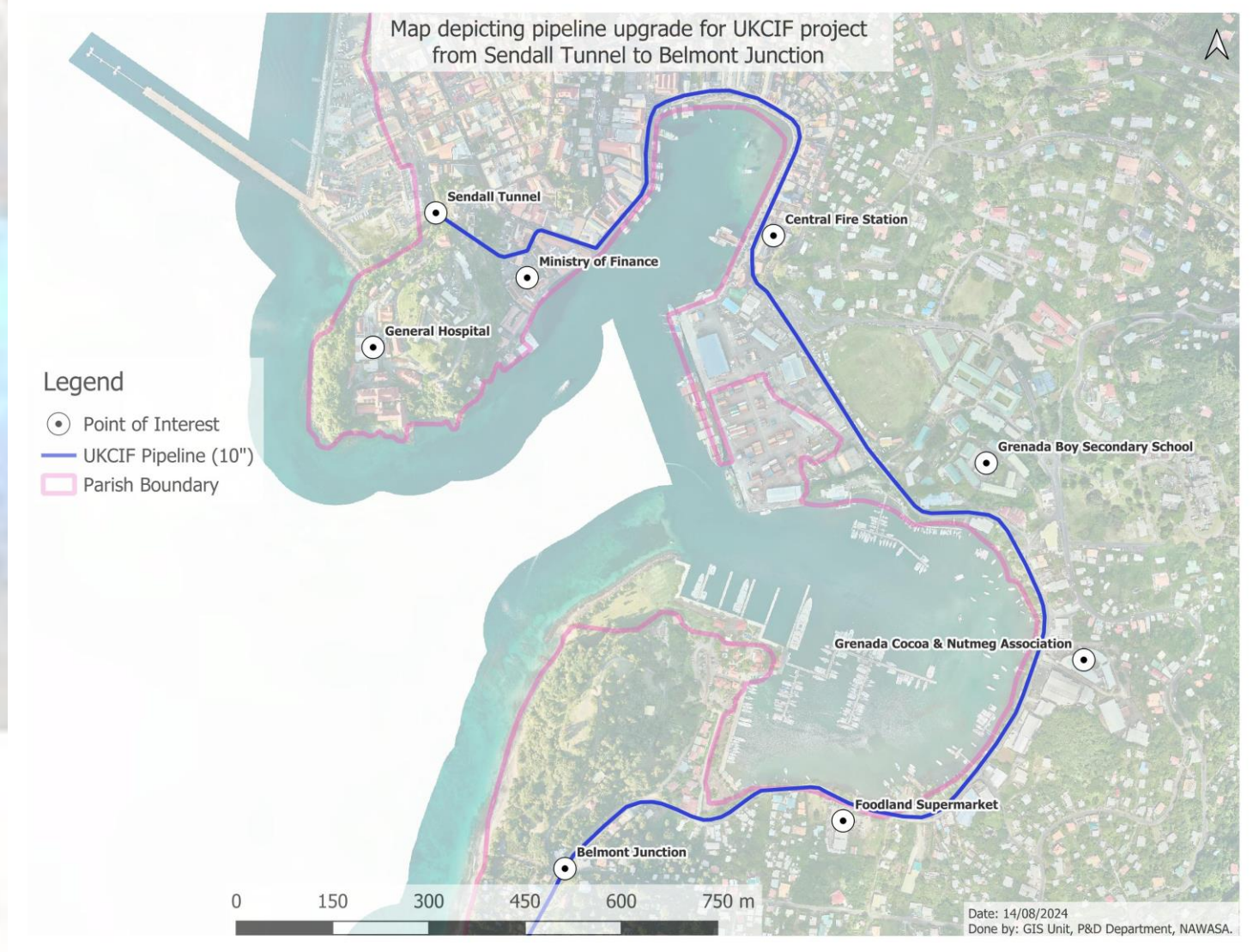


# INFRASTRUCTURE WORKS (CONT...)





# INFRASTRUCTURE WORKS (CONT...)



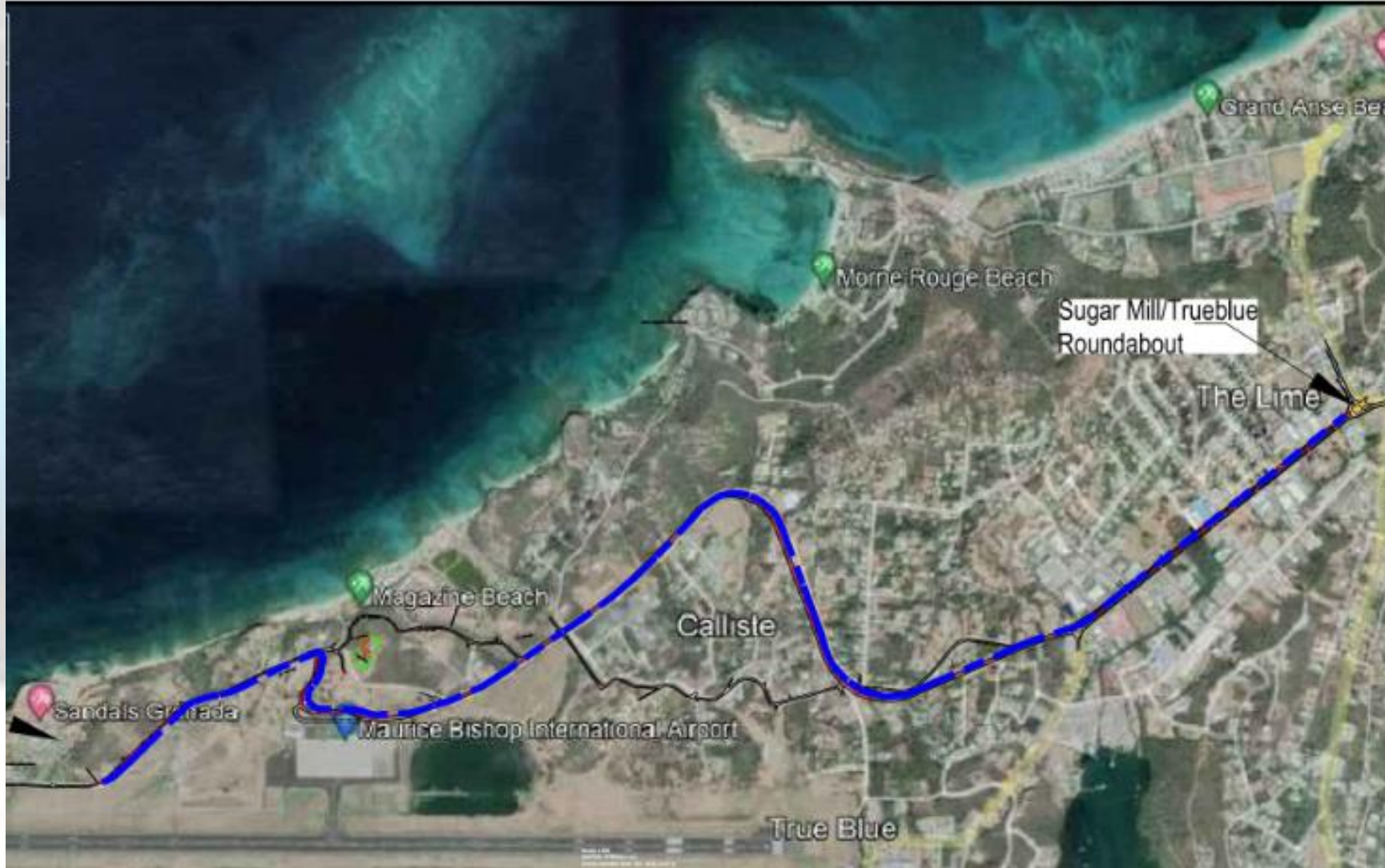


# INFRASTRUCTURE WORKS (CONT...)





# INFRASTRUCTURE WORKS (CONT...)





# Environmental and Social Safeguards

- Project implementation is governed by a set of safeguards detailed in an Environmental and Social Management Plan
- The ESMP makes recommendations on mitigating negative impacts to affected communities and the natural environment as well as optimizing the positive impacts
- Stakeholder engagements are an integral part of the project implementation strategy, and is crucial to alerting the affected communities on project design and progress
- Stakeholder engagements also create opportunities for learning from the community experiences to influence project delivery



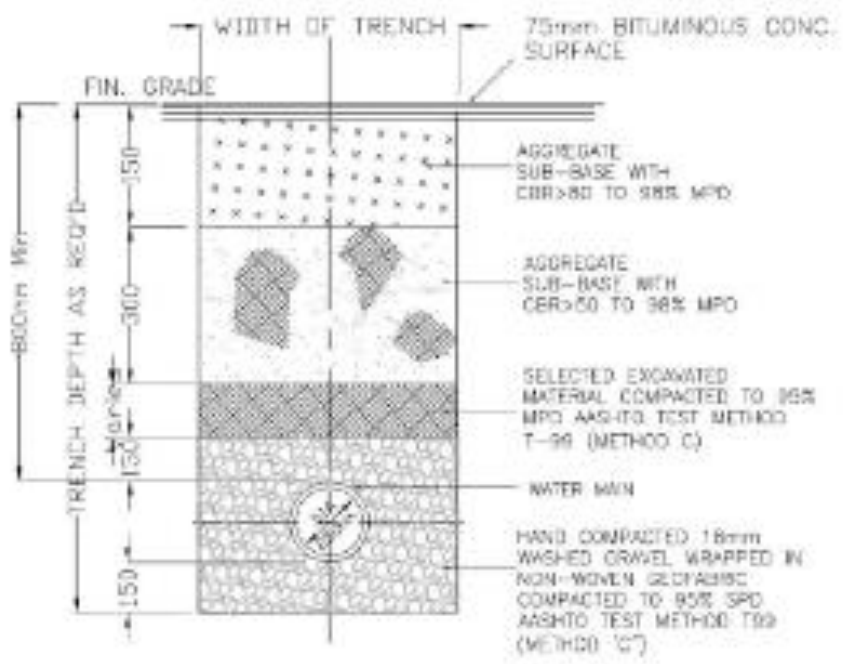
# Traffic and Access Management

- Works shall be carried out along narrow or well-trafficked routes and robust management strategies are built into the project
- Work shall be carried out in multiple geographic locations simultaneously to reduce overall construction time
- Work shall be carried out overnight as far as possible to minimize interruptions to traffic as well as public access to homes and businesses
- The service providers on this Project are required to adhere to Codes of Conduct, including the Contractors' personnel
- The Project includes a Grievance Mechanism to receive complaints, or comments and suggestions, from stakeholders in a formal (or informal if preferred by a particular stakeholder) manner

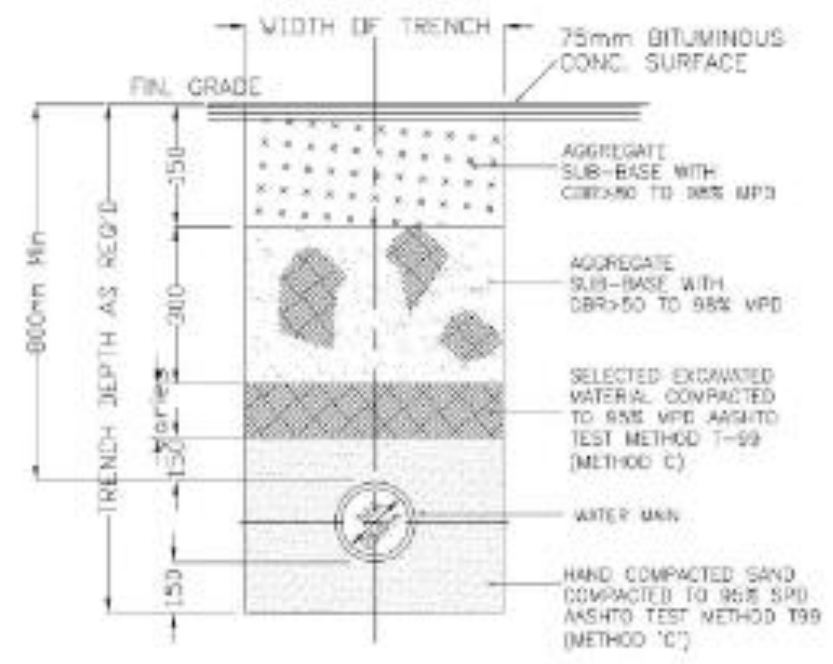


# INFRASTRUCTURE WORKS (CONT...)

## Typical Trench Details



TYP. WATER PIPE SECTION – ROAD  
(FOR PIPES LOCATED BELOW WATER TABLE)

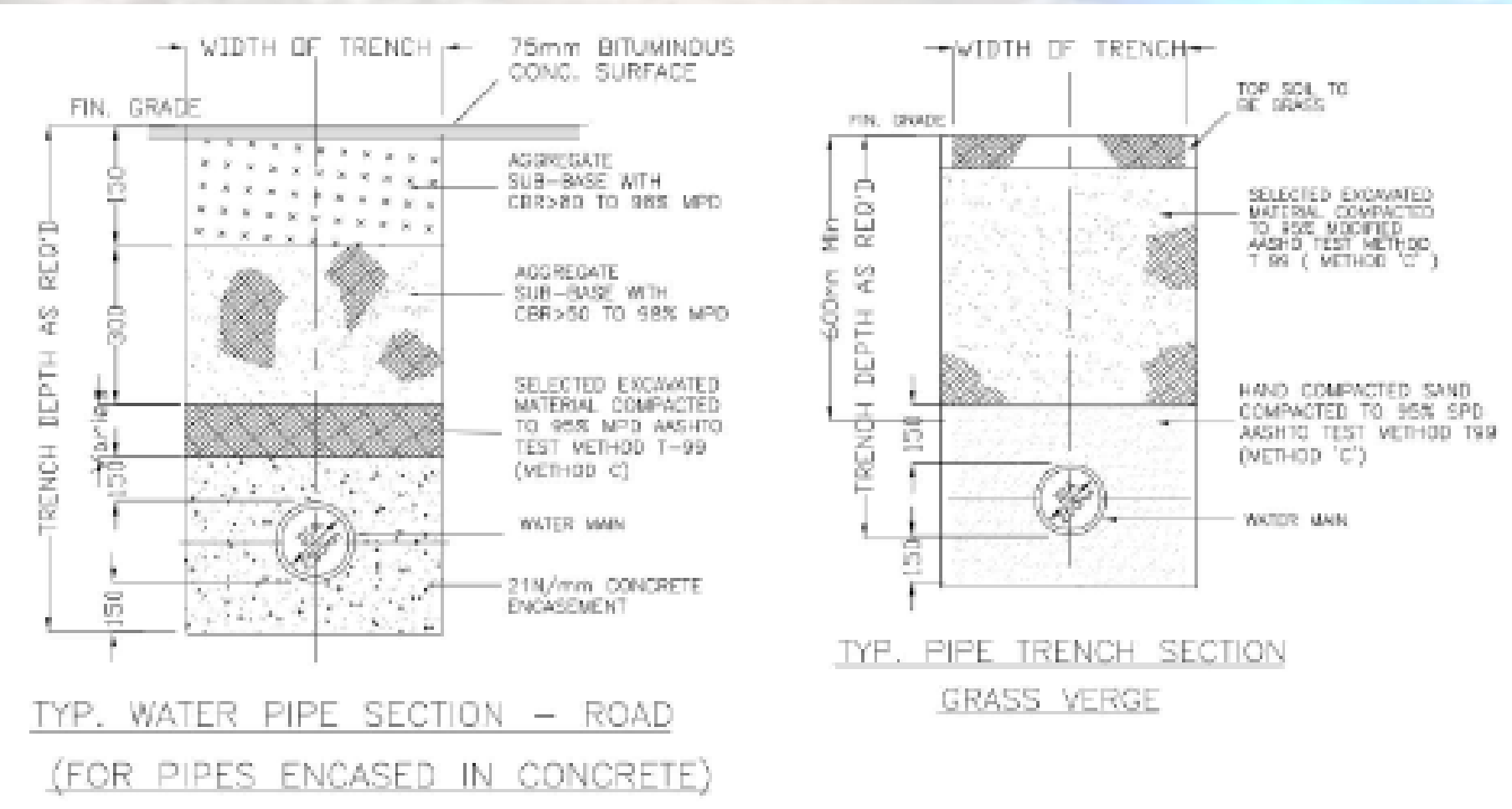


TYP. WATER PIPE SECTION – ROAD  
(FOR PIPES LOCATED ABOVE WATER TABLE)



# INFRASTRUCTURE WORKS (CONT...)

## Typical Trench Details





# INFRASTRUCTURE WORKS (CONT...)

The drawings may be accessed at the following link:

[https://drive.google.com/file/d/181qfeJMumhIOuxJ2AmbeRtFYKkM7cTUM/view?usp=drive\\_link](https://drive.google.com/file/d/181qfeJMumhIOuxJ2AmbeRtFYKkM7cTUM/view?usp=drive_link)



# PROJECT MANAGEMENT

# STATUS OF IMPLEMENTATION



- **Project preparation is complete**
- The Project became effective on April 12, 2024
- **Project Management**
  - i. A Project Management Unit (PMU) created to manage all technical, social, environmental and procurement-related aspects of the Project is in place and fully staffed
  - ii. A Project Supervision Consultant (PSC) has been engaged to augment the PMU capacity and support project implementation

# STATUS OF IMPLEMENTATION (Cont....)



- **Procurement (Goods)**

- i. A Supplier has been contracted
- ii. Shipment of Goods has commenced and shall begin arriving in Grenada by third week of February, 2025
- iii. All Goods would be in Grenada by mid-March, 2025

# STATUS OF IMPLEMENTATION (Cont....)



- **Procurement (Works)**

- i. Works shall commence after receipt of Goods
- ii. Bid evaluation is complete and Contracts should be signed by end of February, 2025
- iii. Construction should commence in March, 2025 and be complete by end of January, 2026

# PROJECT CLOSING



- **The Terminal Disbursement Date is March 31, 2026**
- The project **MUST** be completed prior to the TDD
- There is no opportunity for project extension using the UKCIF funding



**Thank you for you attention!**

**Discussion?**

