



2023

ANNUAL TECHNICAL REPORT OF THE MINISTRY OF INFRASTRUCTURE DEVELOPMENT AND HOUSING

PREPARED: JULY 2024
BY: MINISTRY OF
INFRASTRUCTURE
DEVELOPMENT AND
HOUSING

Table of Contents

FOREWORD	3
Abbreviations	4
1.0 Executive Summary.....	5
1.01 Background.....	5
1.02 Obligations under Works Portfolio - MIDH	5
1.03 Accomplishments – Works Portfolio - MIDH	6
1.04 PROJECT EXECUTION UNITS – MIDH “WORKS” PORTFOLIO	7
1.05 ACCOMPLISHMENTS - HOUSING PORTFOLIO	11
1.06 Financial Update – Works Portfolio	11
2.0 Narrative REport	13
INTRODUCTION.....	13
3.0 MISSION STATEMENT AND PRIORITIES.....	16
Mission.....	16
Vision.....	16
Ministry Responsibilities	16
4.0 THE “WORKS” PORTFOLIO OF THE MIDH	17
4.1 Composition of the works portfolio	17
4.2 Road Maintenance Methodology.....	17
4.3 Ministry Road Maintenance Mandate	18
4.4 Salient Accomplishments - Works Portfolio.....	20
5.0 DISTRICT MAINTENANCE SUMMARY	22
6.0 PROGRESS UPDATE ON ROAD PROJECTS.....	24
6.01 PROJECTS FUNDED BY INTER-AMERICAN DEVELOPMENT BANK (IDB) / GOB	24
6.02 Projects Funded by the Republic of China (Taiwan) / GOB.....	25
6.03 Projects Funded by OPEC Fund for International Development (OFID) / GoB	27
6.06 Projects Funded by the United Kingdom Caribbean Infrastructure Partnership Fund / Caribbean Development Bank / GOB	31
7.0 HOUSING PORTFOLIO	39
7.01 Project Description.....	39

7.02	Project Management.....	40
8.0	LESSONS LEARNT.....	45
8.01	Works Portfolio	45
8.02	Housing Portfolio.....	46
9.0	FUTURE PRIORITIES AND PLANS	47
9.01	Staffing and Financial considerations.....	47
ANNEXES	i
ANNEX 1	FINANCIAL UPDATE ON MIDH (WORKS AND HOUSING PORTFOLIOS).....	i
ANNEX 2	ACCOMPLISHMENT REPORTS – ROAD INFRASTRUCTURE MAINTENANCE BY DISTRICTS.....	6
ANNEX 3	MIDH ORGANOGRAM.....	vi

FOREWORD

BY

MINISTER OF INFRASTRUCTURE DEVELOPMENT AND HOUSING

I wish to extend my gratitude to all Belizeans and at the same time provide my assurances to the General Public, whom we have committed to serve, that my team and I at the Ministry of Infrastructure Development and Housing intends to use our best efforts to significantly improve delivery of services to the people of Belize. The Ministry of Infrastructure Development and Housing is legally mandated to maintain and upkeep 3,132 miles of public roads in Belize. It also has another important obligation and that is to review and create the enabling environment for well-designed and affordable housing for the needy in Belize. These services which my Ministry is legally mandated to oversee and implement, have significant potential to create that enabling environment to build resilience, to uplift families and communities to embrace opportunities to escape poverty. This is one of the commitments of #planBelize and I as the Minister responsible along with my dedicated staff of the Ministry will spare no effort with delivering on my obligations.

This report serves to inform the general public, collaborators and partners on the accomplishments over the period, January 2023- December 2023. We have been strategic with our road and housing investments to optimize use of the limited resources. The report will inform that under my leadership, combined with the efforts of the Chief Executive Officer and his respective departments and teams, the Ministry has come a long way in building a solid platform for improved delivery of services to the general public in this new fiscal year 2024-25.

Together in Development!

HON. JULIUS ESPAT
MINISTER OF INFRASTRUCTURE DEVELOPMENT
AND HOUSING

ABBREVIATIONS

ADTS	Assistant District Technical Supervisor
B	Billion
BIL	Belize Infrastructure Limited
Bz\$	Belize dollars
CBA	Central Building Authority
CBU	Central Building Unit
CDB	Caribbean Development Bank
CEO	Chief Executive Officer
CVRP	Climate Vulnerability Reduction Program
C.Y	Cubic yards
DBST	Double Bituminous Surface Treatment
DCP	Dynamic Cone Penetrometer
DTS	District Technical Supervisor
EOI	Expressions of Interest
FT	Feet
GoB	Government of Belize
GPHR	George Price Highway Project
HEU	Housing Execution Unit
IBC	International Building Code
ICC	International Code Council
IDB	InterAmerican Development Bank
LBU	Local Building Unit
M	Million
MIDH	Ministry of Infrastructure Development and Housing
MNR	Ministry of Natural Resources
OECC	Overseas Engineering & Construction Company Ltd S.A
OFID	OPEC Fund for International Development
OPEC	Organisation of Petroleum Exporting Countries
OV	Open Vote
PE	Permanent Establishment
PEU	Project Execution Unit
PMU	Project Management Unit
RMU	Road Maintenance Unit
S.Y	Square yards
UKCIF	United Kingdom Caribbean Infrastructure Partnership Fund

1.0 EXECUTIVE SUMMARY

1.01 Background

The Ministry of Infrastructure Development and Housing (MIDH) is responsible for portfolios containing the design, construction and maintenance of public road, bridge, civil infrastructure as well as an enabling environment to address the lack of affordable housing in Belize. This includes general oversight and direction of Belize Infrastructure Limited (BIL) and the Central Building Authority (CBA).

The total number of officers engaged either under the permanent establishment (PE), open vote (OV) or contract under all portfolios of the MIDH is 494 and a breakdown of the human resources by portfolio is provided below:

- ROAD INFRASTRUCTURE DEPARTMENT: 392 Officers
- PROJECT EXECUTION UNITS: 27 Officers
- HOUSING PORTFOLIO: 53 Officers
- CENTRAL BUILDING AUTHORITY (CBA): 20 Officers
- BELIZE INFRASTRUCTURE LIMITED (BIL): 2 Officers

1.02 Infrastructure Development Portfolio - MIDH

Obligations

We are pleased to record and inform on the MIDH’s annual accomplishments over the respective period January 2023 – December 2023 and at the same share more information about the role, challenges, and priorities of the Ministry as it charts a way forward to improve in its delivery of services to the Belizean people. As with previous years, the past year has been active; we are happy to inform that much has been accomplished.

Under the “Infrastructure Development” Portfolio, the Ministry is legally mandated to upkeep and maintain a public road network comprising of 3,132 miles, (see Table 1).

Table 1. Distribution of roads by type and district (miles)

TYPE	COROZAL	O-WALK	BELIZE	CAYO	S-CREEK	TOLEDO	TOTAL MILES
Paved	52.29	73.2	156.19	130.05	146.69	81.44	639.86
Gravel	504.13	504.4	234.07	431.82	320.89	294.66	2289.97
Earth	17.9	26.84	5.72	25.17	84.76	42.45	202.84
TOTAL MILES	574.32	604.44	395.98	587.04	552.34	418.55	3,132.67

Accomplishments

The MIDH Infrastructure Development Portfolio has a Road Maintenance Unit (RMU) in each district whose complement of staff includes office support staff; technical supervisors, equipment operators/ tradesmen and mechanics, welders all under the supervision of a District Technical Supervisor. Their accomplishments in terms of road maintenance are summarized below.

Table 2.
Infrastructure Development - Maintenance Works

Activity	Routine Maintenance (Road Network)	Village Works	Total	Units
Patching Paved Roads (Premix, Hardcore, All-in or Fine Aggregate)	4,326.50	106.00	4,432.50	Cuyds
Patching with other materials (Paved Roads) (Marl and Gravel)	55,421.50	60,609.00	116,030.50	Cuyds
Spot Patching Unpaved Roads (Gravel)	69,492.75	18,430.00	87,922.75	Cuyds
Resurfacing of Roadways (Marl / Gravel)	286,521.00	29,274.00	315,795.00	Cuyds
Vegetation Control	3,975.57	1192	5,167.57	Acre(s)

Accumulation of Materials	83,165.00	3544	86,709.00	Cuyds
Grading Roads	421.96	208.71	630.67	Mile(s)
Cleaning Drainage Structures	26.03	25.98	52.01	Mile(s)
Culvert Installation	216	239	455.00	Unit(s)
Minor Bridge Maintenance	0	14	14.00	Unit(s)
New Road Construction	3.71	14.05	17.76	Mile(s)
Reopening of Existing Road	0	13.5	13.50	Mile(s)
Waste Disposal	1,499		1,499	Bags (30gal)

1.04 PROJECT EXECUTION UNITS – Infrastructure Development & Housing

The Infrastructure Development Portfolio of the Ministry also has two Execution Units. Both units manage and supervises project financed by external funding agencies partnering with the Government of Belize (GOB). These Project Execution Units help build capacity within the MIDH to manage and supervise these road projects on behalf of the Ministry and GOB. The Project Execution Unit (PEU) is responsible for infrastructure projects, while the Housing Execution Unit, is responsible for construction and provision of homes. A brief listing of these on-going projects with basic particulars are provided below:

a) Projects funded by Inter-American Development Bank (IDB) / GOB

George Price Rehabilitation Project (GPHR): Rehabilitation of the George Price Highway from Roaring Creek to Loma Luz Boulevard, Santa Elena, Cayo District was completed prior to this reporting period, however a continuing road maintenance by contract scheme for this road segment is still being managed by the PEU.

Climate Vulnerability Reduction Project (CVRP): This project is located in Belize City and its objective is flood Alleviation in southside Belize along with providing creating an enabling

environment to facilitate and build resilience in the tourism sector in both Caye Caulker and Goff Caye has also been substantially completed.

b) Projects funded by Republic of China on Taiwan (Taiwan)

The Corozal to Sarteneja Road Upgrading Project (42.3 km) is funded via a (Bz\$100M) loan provided by Export-Import Bank of the Republic of China (Taiwan). The GOBZ single sourced and signed contract with Overseas Engineering & Construction Co. Ltd (OECC) S.A. to carry out a design and build project. The Contract was signed on November 2018 for upgrading of 27 miles of the Corozal Sarteneja Road. This road project also involves construction of two new Bridges which will replace the old, dilapidated ferries at Pueblo Viejo and Laguna Seca.

Overall progress on this project is approximately 65 %

c) Projects Funded by OPEC Fund for International Development (OFID)

Haulover Bridge Replacement Project: The Haulover Bridge Replacement Project is funded by the GoB and the OPEC Fund for International Development, through a Bz\$24 M loan.

The GoB signed a contract for the Haulover Bridge Replacement Project with M&M Engineering Consultants Ltd., in the amount of Bz\$30,990,991.49 on 23 August 2021. Works at the end of 2023 were at 95% complete. The bridge was opened to the public on 1 February 2024, achieving substantial completion.

Caracol Road Upgrading Project (Phase1): The Caracol Road Upgrading Project is funded by the Government of Belize and the OPEC Fund for International Development, through a US \$40 million loan.

Phase 1 is approximately 34.7km (21.5miles) and divided into three lots. Lot 1A saw the upgrade of the road between Santa Elena and Georgeville passing through the villages of Cristo Rey, San Antonio. Lot 1B saw the upgrading of the Caracol Road between the Tripartite junction and Blancaneaux Lodge Line. Lot 1C upgrades continued from Blancaneaux Lodge Line to Pinol Bridge. This phase of works was completed in 2022.

Caracol Road Upgrading Project (Phase2): The Caracol Road Upgrading Project – Phase 2 is jointly funded by the OPEC Fund for International Development (USD\$10M Loan) and the Kuwait Fund for Arab Economic Development (US\$19.5M Loan).

Phase 2 covers the distance from Pinol Line to the Caracol Archaeological Site, a distance of 42.9km (26.2 miles), which passes through Douglas da Silva camp. Phase 2 is divided into three lots. Lot 2A (23.7km) from Pinol Line to Guacamallo Bridge. Lot 2B the construction of Guacamallo Bridge and Lot 2C (18.7km) from Guacamallo Bridge to Caracol Archaeological Site.

Due to the effects of the COVID-19 pandemic on the economy of Belize, the Government postponed all activity on this phase of the project for 1 year, this period closed on 6 April 2022.

Construction contracts were signed with CISCO Construction in April 2022. The main construction camp was set up at Douglas da Silva camp. Road setting out and clearing is ongoing.

At the conclusion of 2023, works on this phase were 25% complete.

George Price Highway Upgrading Project (San Ignacio – San Jose Succotz)

This project will upgrade approximately 6.6miles of the George Price Highway between San Ignacio and San Jose Succotz, near to the entrance of Benque Viejo del Carmen. To maximize on savings achieved at the completion of the Caracol Road Upgrading Project (Phase 1), the Government petitioned the OPEC Fund to extend the scope of their loan to include this road segment.

The favorable response from the funding agency will see the upgrade of this section over two years commencing in September 2023. The upgrade will be to international standards with a typical cross section of double 3.60m lanes and 1.5m of paved shoulder on each side. Hot-mix asphalt road surface is proposed as the running course and climate resilience infrastructure is being installed, especially at sections bounded by the Mopan River. Modernized road safety features are also incorporated. The cost for this upgrade is BZ\$26M and is a blend of OID Loan financing and local, counterpart, funding.

d) Projects Funded by the United Kingdom Caribbean Infrastructure Partnership Fund / Caribbean Development Bank / Government of Belize

The Sixth Road (Coastal Highway) Upgrading Project: The Coastal Highway Project is funded by the Government of Belize, UKCIF and CDB, through a GBP\$25,050,000 grant and Bz\$73,152,000 loan.

The Coastal Highway Upgrading Project – Lot 1 is approximately 28.16 km (17.6 miles) including the upgrading of its intersection (La Democracia) with the George Price Highway. The rehabilitation of Sibun, Cornhouse and Soldier Creek Bridges and the new construction of Manatee Bridge. Lot 2 is approximately 29.88 km (18.7 miles) including the construction of a new roundabout at its intersection with the Hummingbird Highway. Bridge improvements and reconstruction take place at Nelly, Jenkins, Quamina, Deadman, Mangrove and Big Creek bridges.

Works under this project were completed in 2023, the project was officially opened at a ceremony on 6 July 2023.

Philip Goldson Highway and Remate Bypass Upgrading Project: The (PGHRBP) is being funded in part with a grant from the United Kingdom Caribbean Infrastructure Partnership Fund (UKCIF), a loan from the Caribbean Development Bank, and contribution from the Government of Belize.

Civil works generally entails the resealing and widening as well as paving of the road shoulders for the entire portion of the Philip Goldson Highway from Mile 24.5 in Biscayne Village to the Santa Elena Border and includes the Remate Bypass road for a total length of approximately 128km. additional and new drainage structures will be installed to improve climate resilience; road safety features include line marking, road studs, traffic signs, bus lay-bys, bus shelters and traffic calming measures in all villages. As road safety is a key component of the project, additional safety features in village locations only, includes pedestrian/ bicycle paths, pedestrian crossings, and rumble strips. To improve safety as well, there will be a realignment of the Mamayal curve, the Libertad Junction and the Tumbaito curve near the intersection to Chan Chen Village. Three new roundabouts will also be constructed, one at Crooked Tree junction and one at either end of the Remate Road. Works are approximately 98% completed at the end of 2023.

1.05 ACCOMPLISHMENTS - HOUSING PORTFOLIO

In June 2021, the Government of Belize, through the Ministry of Infrastructure Development and Housing launched the Low-Income housing project. The aim of the project is to provide a sustainable housing program that will ensure easy and affordable access to home ownership for all Belizeans in both urban and rural areas; thereby contributing to the sustainable development of Belize. The ministry established, the newly formed Housing Execution Unit (HEU) to directly oversee and administer the project.

The objective of the low-income housing project; under phase I of the project, is to construct homes for single mothers/fathers and first-time homeowners. These houses were designed in a way that would allow for easy expansion to two- or three-bedroom houses in the future.

The recipients of these houses signed an agreement of understanding with the ministry that these houses are being built and handed over to them for a minimal repayment price of Bz\$12,000.00, to be repaid in weekly payments of Bz\$25.00 per week or Bz\$100.00 monthly, over a 10-year period.

TABLE 3. Distribution of Houses by District – From commencement of Program

Status:	Corozal	Orange Walk	Belize District	Cayo	Stann Creek	Toledo	Total
Completed	22	33	93	88	13	7	256
Under Construction	2	0	111	58		3	174
Total:	24	33	204	146	13	10	430

1.06 Financial Update – Works Portfolio

The Recurrent Approved Budget for the period under review was Bz\$**22,310,328.16**; expenditure for that same period was Bz\$**21,303,039.68** (see annex). These Expenditures encompass all the Line Item such Personal Emolument, Travel and Subsistence, Material & Supplies, Operating Costs, Repair and Maintenance Cost, Telephone and Contracts and Consultancy for all Cost Centers under the Ministry mandate.

The Capital II Approved Budget for the period under review was Bz**\$51,349,995** while the Expenditure was Bz**\$54,326,405**. For the period under review Capital III Budget was Bz**\$113,569,409** while the expenditure was Bz**\$73,208,571**. The financial data attached in Annex 1 of this report shows the figures for the reporting period (2023)

2.0 NARRATIVE REPORT

INTRODUCTION

The Ministry of Infrastructure Development and Housing (MIDH) is an amalgamation of the former Ministry of Works and the Ministry of Housing, the Ministry includes oversight / direction of the Belize Infrastructure Limited (BIL) and the Central Building Authority (CBA). This Ministry, under its various portfolios, is primarily involved with construction and maintenance of public roads, oversees the regulatory bodies which controls the design, construction and use of Buildings, particularly public buildings and lastly but most importantly, assist with creating the enabling environment to address the poor and severe lack of affordable housing in Belize. Provision of these services, if properly managed and coordinated, will positively impact the life of every Belizean man, woman and child by creating opportunities for upliftment of families and communities, reduce poverty and by extension fostering the socio-economic development of Belize.

The MIDH primary obligations under the various portfolios are as follows:

Works Portfolio

This is the road maintenance arm of the Ministry with a primary responsibility for the construction, maintenance, and upkeep of **3,132.67** miles of roads, over 300 bridges of varying spans, 20,000 culverts, over 300 miles of inland waterways to clean and maintain along with other road safety appurtenances for safe movement of goods and people. To provide this service the Ministry must work closely with the Ministry of Natural Resources (MNR) to identify public road reserves across the country and the Mining Unit for the sourcing of suitable road materials for construction and maintenance of public roads.

Housing Portfolio

The primary role of the Housing portfolio is to coordinate activities afflicting the provision of housing in Belize. The task is complex and multidisciplinary in nature since provision of housing is not just providing a structure to a recipient but rather providing a well-designed structure

having access to all basic amenities including a clean and safe living environment for families to live. The MIDH is playing a critical role in addressing the severe lack of housing for the needy in Belize.

We also provide technical assistance to our sister line ministries and a few statutory bodies with building design services, estimating proposed works, procurement services and construction supervision. Projects associated with this technical assistance include the Magistrates Court retrofit, and St. Matthew's Government Primary School Reconstruction.

Central Building Authority (CBA)

This is a quasi /statutory body under the technical and administrative oversight of the MIDH. It is legally responsible for the control of buildings in Belize. In this regard, with the establishment of a CBA and team of Inspectors, it reviews building design applications, oversees and conducts inspections of buildings approved and under construction. The Central Building Unit (CBU) assist the CBA with enforcement of the provisions of the Building Control Act in villages/rural areas of the country while Local Building Units (LBU) in municipalities assist in towns /cities. The CBA is currently, assisting in revising /improving the Building Control Act and coordinating with various interested stakeholders establishing a National Building Code in Belize. In this regard it is aggressively discussing and negotiating with the International Code Council (ICC) adopting the International Building Code (IBC) for residential building in Belize as a first step in the process of establishing a national code.

Belize Infrastructure Limited (BIL)

The BIL was established years ago to assist the Ministry of Works with expediting the procurement and implementation phases of government buildings which consisted primarily of sporting establishments in each municipality including the new Belize City Centre and the new Ministry of Finance building in Belize City. Now the BIL staff comprises of two persons who are coordinating basic maintenance activities in respect to the Belize City Centre and new Ministry of Finance (Eleanor Hall) building in Belize City.

A breakdown of the staff complement of the Ministry various portfolios is depicted in Table 4 below:

TABLE 4. Staff Complement and Distribution within the MIDH (JAN – DEC. 2023)

<u>MIDH PORTFOLIO</u>	<u>PERMANENT ESTABLISHMENT STAFF</u>	<u>OPEN VOTE</u>	<u>CONTRACT OFFICERS</u>	<u>TOTAL</u>
ROAD INFRASTRUCTURE DEPARTMENT:	74	307	11	392
PROJECT EXECUTION UNITS		1	26	27
HOUSING PORTFOLIO:	26	22	5	53
CENTRAL BUILDING AUTHORITY (CBA)			20	20
BELIZE INFRASTRUCTURE LIMITED (BIL)	2			2
TOTAL				494

3.0 MISSION STATEMENT AND PRIORITIES

Mission

We WILL provide high quality safe public infrastructure that promotes sustainable economic development while providing opportunities for our people. We WILL provide structurally sound, affordable housing to the needy, establish a national code and set standards for residential buildings to enhance resilience in our housing stock. We WILL render technical assistance with construction, supervision, and maintenance of government buildings to ensure cost-effective and prudent use of public resources. We WILL provide a high-quality service delivery and maintain a competent, dedicated and performance-oriented team committed to the betterment of Belize and its people, as envisaged in #planBelize.

Vision

To create and maintain public Infrastructure that meets the highest international standards and to build safe, structurally sound, and affordable houses that enhance community resilience while fostering the self-sustainability of our people and the stability and proper development of our communities.

Ministry Responsibilities

The Ministry's commitment is to serve the people with HARD WORK, INTEGRITY and EFFICIENCY.

The Ministry is commissioned to maintain all public assets comprising the built environment— such as roadways, bridges, drainage channels and government buildings to a level compliant with international standards with a view to providing high quality, user-safe, structurally sound national assets. The housing component of the Ministry seeks to establish an effective housing policy which provides housing support and establishes national standards and building control for safe, affordable housing to foster a decent living environment and quality of life. The Ministry is also dedicated to providing adequate housing options for the neediest to better embrace opportunities for self-sufficiency, enhance community resilience, economic independence, and fiscal integrity of our citizens.

4.0 THE “WORKS” PORTFOLIO OF THE MIDH

4.1 Composition of the works portfolio

Under this portfolio there exists the following Cost Centers and Sections:

- Central Administration
- Architecture / Building Maintenance Section
- Engineering Administration
- Soils Laboratory /Survey Section
- Mechanical Administration

Additionally, there are seven (7) Road Maintenance Units (RMU) representing the Ministry in each district and in Belmopan.

4.2 Road Maintenance Methodology

The Country is divided into three (3) zones, North, Central and South; each zone is technically managed by a zone engineer. Each zone engineer is responsible for two district Road Maintenance Units (RMUs). A District Technical Supervisor (DTS) manages the RMUs, which is a team of approximately 40 officers. The RMU structure comprises of office support staff, technical supervisors, equipment operators and mechanics/welders. The RMUs are the main tools of the MIDH in implementing one of its primary obligations, road maintenance.

A National Road Maintenance Program is prepared on a monthly basis. This is done with the involvement of the District Technical Supervisor, Zone Engineer, Maintenance Coordinator, Chief Engineer and Chief Executive Officer (CEO). The Work Program incorporates pressing technical concerns / issues that need resolution, these are detailed with inputs from and consultations with farmers, village chairmen and area representatives in each district. This program is given final approval by the CEO a week before the start of the new month and is implemented principally by the RMUs under the guidance / supervision of the respective Zone Engineer and Maintenance Coordinator. Feedback on work progress and anticipated challenges is given and possible solutions are discussed in technical staff meetings that are held by the Chief Engineer and CEO on a weekly basis.

4.3 Ministry Road Maintenance Mandate

The MIDH has a total of 3,132.67 miles of roads and streets, over 300 bridges of various spans, 330 miles of inland waterways amongst other infrastructure related appurtenances such as culverts and roads signs. In 2021 the MIDH focused its maintenance efforts on rural roads countrywide to facilitate growth opportunities and sustainable development through improved road infrastructure. This continued in 2022 albeit with a re-direction of maintenance efforts to more secondary and urban roads toward the end of the year. In 2023 road maintenance continued at in both rural and urban areas: Major highways saw a spike in maintenance activities; and, Rural roads were kept in a serviceable state, especially the more trafficked ones. The MIDH also assisted with the construction of new roads, and streets which were noticeable in subdivisions for village expansions. The Ministry achieved a greater control over the road network as far as maintenance is concerned; there is still much work to be done, but there were measurable improvements in each district.

The last manual village street survey was carried out in 2012 resulting in a total of 602.8 miles of village streets. In 2023 a digital survey was done with the use of GIS software and mapping that captured an additional 293.17 miles which brings the total to 895.97 miles of Village Streets; this is reflected below

The tables and figures below highlight some of the Ministry’s achievements over the past year.

Fig 1. Road Network Classification by quality – 2023 (corresponds to Table 5 below)

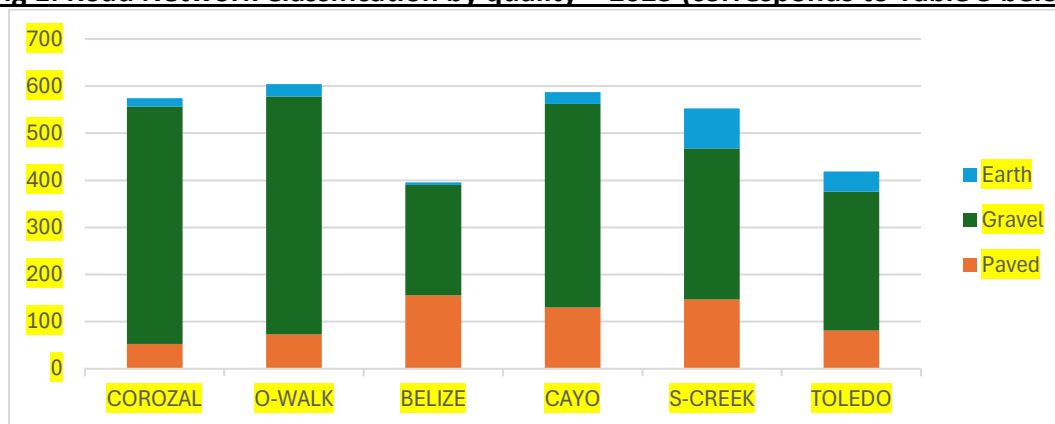


Table 5. Road Network Classification - Distribution by quality and by district – 2023

TYPE	COROZAL	O-WALK	BELIZE	CAYO	S-CREEK	TOLEDO	TOTAL MILES
Paved	52.29	73.2	156.19	130.05	146.69	81.44	639.86
Gravel	504.13	504.4	234.07	431.82	320.89	294.66	2289.97
Earth	17.9	26.84	5.72	25.17	84.76	42.45	202.84
TOTAL MILES	574.32	604.44	395.98	587.04	552.34	418.55	3,132.67

Fig 2 Road Network Classification by Type– 2023 (Corresponds to Table 6 below)

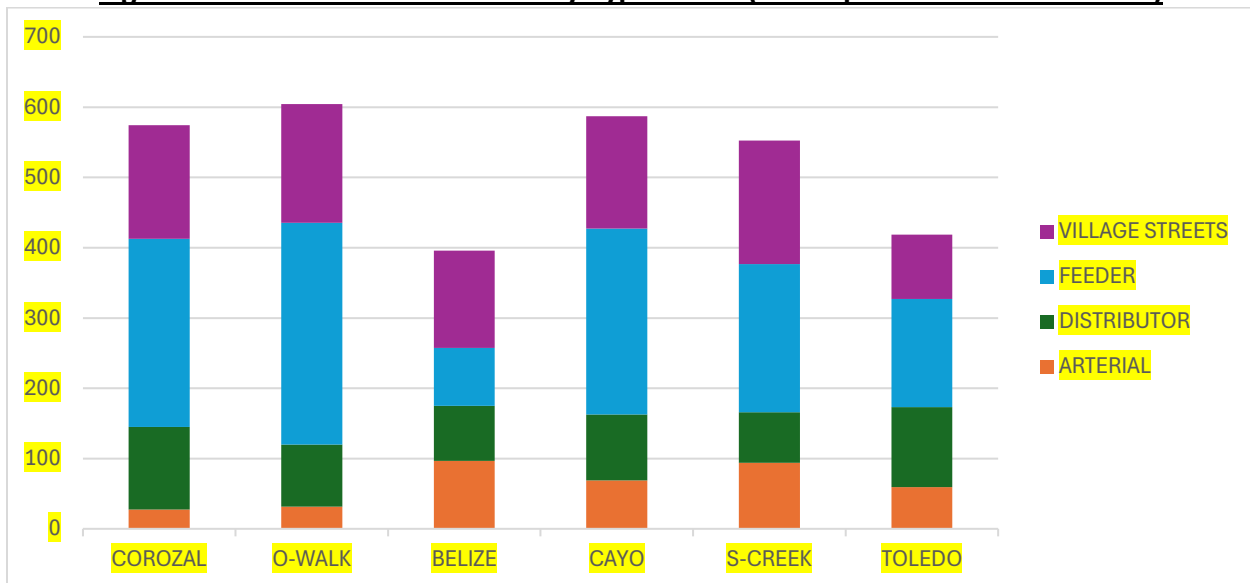


Table 6. Road Network Classification - Distribution by type and by district

TYPE	COROZAL	O-WALK	BELIZE	CAYO	S-CREEK	TOLEDO	TOTAL MILES
ARTERIAL	27.4	31.4	96.9	68.7	94.1	59.4	377.9
DISTRIBUTOR	117.5	88.3	78.2	94	71.8	113.8	563.6
FEEDER	267.9	315.8	82.4	264.4	210.9	153.8	1295.2
VILLAGE STREETS	161.52	168.94	138.48	159.94	175.54	91.55	895.97
TOTAL MILES	574.32	604.44	395.98	587.04	552.34	418.55	3,132.67

Fig 3. Road Network Classification by Condition - 2023

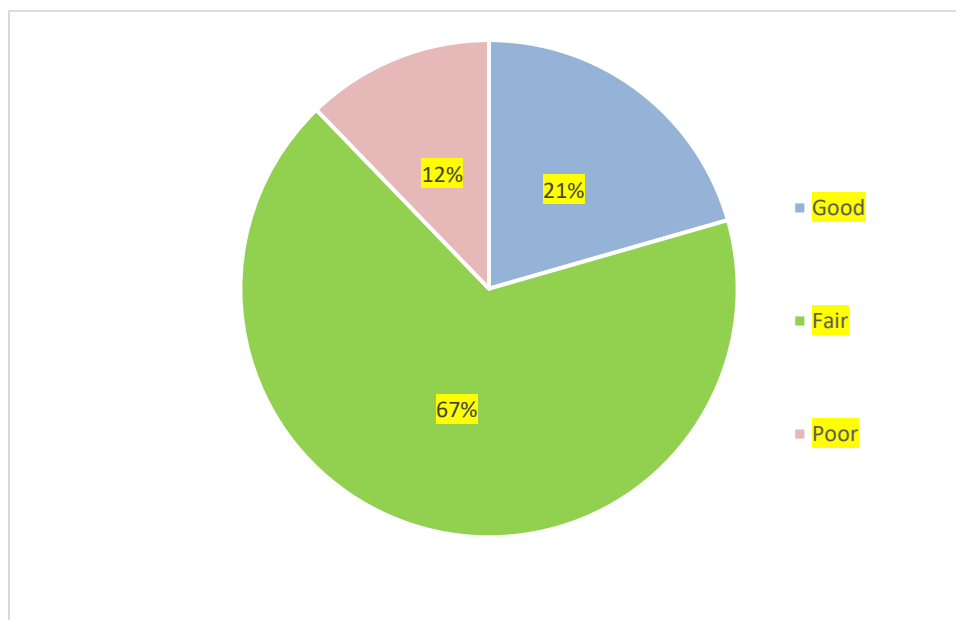


Table 7. Road Network Classification - Distribution by condition

	Miles	%
Good	643.9	20.5543514
Fair	2106.07	67.22923257
Poor	382.7	12.21641603
	3,132.67	

4.4 Salient Accomplishments - Works Portfolio

The period January 2023 – December 2023 has been another challenging year. The MIDH continued aggressively pursuing its road maintenance strategy despite the technical challenges and budgetary constraints.

The more notable accomplishments of this past year are:

- Completion and Inauguration of the Sixth Road (Coastal Highway) Upgrading Project, funded by the Government of Belize, UKCIF and CDB.
- Substantial Completion of the Haulover Bridge Replacement structure, funded by the Government of Belize and OPEC Fund.
- Rebuilding the MIDH equipment capacity with the purchase of much needed heavy equipment, both used and new equipment; 12 dumpers, 6 utility trucks and 2 water trucks were added to the fleet.
- Transforming roads in rural and remote areas of the country by improving road access to create an enabling environment and build resilience in communities.
- Re-building the Ministry's human resources by filling vacancies with suitably qualified and experienced individuals. RMUs were expanded with additional human resources.
- Commencement of low-income modular homes and services Blackberry Ridge Estates, Phases 2 & 3 which will construct 100 new homes, 50 per phase.
- Commencement of modular housing at Highland Estate on the outskirts of Belmopan. 50 homes are proposed for construction with funding in the form of a grant from the Republic of China (Taiwan).
- Commencement of the Joe Taylor Bridge Project in Toledo, which is a 25m long, triple span bridge, with two traffic lanes as well as 2 pedestrian walkways.
- Commencement of the Municipal Infrastructure Development –
 - In Punta Gorda Town Project, whose scope is to rehabilitate and resurface 6 public streets in the municipality using hot-mix asphalt concrete surfacing;
 - In San Ignacio, whose scope is to upgrade 14 streets;
 - In Dangriga, Sarawee and Hope Creek with the improvement of 11 streets;
 - In Belize City with the concreting of Complex Avenue, La Croix Boulevard and Neal Penn Road. There was also a works contract for chip seal upgrades to streets in Caribbean Shores as well as Peter Seco Street.
- Completion of the rehabilitation of approximately 2.5km of the George Price Highway between the Haulover Bridge and Benny's Apartments Roundabout.
- Continued work on a project to stabilize, through piling and concreting the Roundabout at approximate Mile 3.5 on the Philip Goldson Highway, which experienced critical levels of settlement.
- Rehabilitation of the Bullet Tree Road with in improved wearing course using hotmix asphalt concrete; this road segment is highly trafficked by residents in rapidly growing communities.
- Commencement of the re-construction of the Joe Taylor Bridge in Punta Gorda, Toledo. The new bridge was designed to be a triple span reinforced concrete structure that will be wide enough to accommodate two 3.875m lanes as well as double 1.5m wide pedestrian sidewalks and safety rails. Works commenced in October 2023 and are programmed for completion by February 2024 at a project cost of Bz\$2.3M.

5.0 DISTRICT MAINTENANCE SUMMARY

The MIDH's road maintenance policy is geared to preserving the huge investments of over Bz\$3.0 B (billion) made to date in construction of roads, bridges, culverts, and related safety appurtenances. The road maintenance policy focuses on improving and upgrading rural roads and building resilience in our road network.

For the reporting period, the Ministry invested heavily on improving the quality and standard of village roads, village streets and farms roads countrywide, at the same time work was also done on its secondary roads. These maintenance efforts provide a backbone of support for the productive sectors under the ministries of Agriculture and Tourism.

The MIDH resolved to make a greater effort on the main highways in 2023; preventative, periodic, and routine maintenance on the major highway network may lead to less capital expenditure associated with complete upgrades and or rehabilitation.

The MIDH assisted with the construction of new roads, and streets; these were noticeable in subdivisions for village expansions. The Ministry achieved a greater control over the road network as far as maintenance is concerned; there is still much work to be done, but there were measurable improvements in each district.

It is our genuine belief that providing a robust primary and secondary road network, as well as adequate rural road access impacts the common man and woman and is key for poverty reduction and uplifting families and communities.

The Ministry's road maintenance strategy was put in place as per GOB's commitments in its #planBelize to support all communities contributing significantly to the productive sector and by extension to the socio-economic development of Belize.

Below we note the accomplishments with our road maintenance units in all six districts for 2023:

Table 8. Road Maintenance Summary 2023

Routine Maintenance and Village Works

Activity	Routine Maintenance (Road Network)	Village Works	Total	Units
Patching Paved Roads (Premix, Hardcore, All-in or Fine Aggregate)	4,326.50	106.00	4,432.50	Cuyds
Patching with other materials (Paved Roads) (Marl and Gravel)	55,421.50	60,609.00	116,030.50	Cuyds
Spot Patching Unpaved Roads (Gravel)	69,492.75	18,430.00	87,922.75	Cuyds
Resurfacing of Roadways (Marl / Gravel)	286,521.00	29,274.00	315,795.00	Cuyds
Vegetation Control	3,975.57	1192	5,167.57	Acre(s)
Accumulation of Materials	83,165.00	3544	86,709.00	Cuyds
Grading Roads	421.96	208.71	630.67	Mile(s)
Cleaning Drainage Structures	26.03	25.98	52.01	Mile(s)
Culvert Installation	216	239	455.00	Unit(s)
Minor Bridge Maintenance	0	14	14.00	Unit(s)
New Road Construction	3.71	14.05	17.76	Mile(s)
Reopening of Existing Road	0	13.5	13.50	Mile(s)
Waste Disposal	1,499		1,499	Bags (30gal)

A detailed breakdown of MIDH's road maintenance accomplishments by can be seen in the annexes.

6.0 PROGRESS UPDATE ON CAPITAL ROAD PROJECTS

The Ministry has two Project Execution Units (PEUs) established to administrate and supervise projects that are funded jointly between the GoB and external financial institutions. One PEU is for the Infrastructure Development portfolio of the MIDH, while the second is for the Housing portfolio. They are:

Project Execution Unit (Public Roads Infrastructure) - this unit manages all public road (drainage and bridge) infrastructure projects jointly funded by the GOB and international funding agencies, such as Inter-American Development Bank (IDB), OPEC Fund for International Development (OFID), Kuwaiti Fund and United Kingdom Caribbean Infrastructure Fund (UKCIF), Caribbean Development Bank (CDB), Central American Bank for Economic Integration (CABEI) and Republic of China (Taiwan).

Update on the eight (8) major Projects supervised by the Project Execution Unit are briefly summarized below.

- Rehabilitation of the George Price Highway (Roaring Creek Bridge to Santa Elena, Cayo)
- Climate Vulnerability Reduction Project (CVRP)
- Upgrading of 27 miles of the Corozal Sarteneja Road
- Upgrading of San Estevan Road
- Haulover Bridge Replacement Project
- Caracol Road Upgrading Project
- 6th Road (Coastal Highway Upgrading) Project
- 7th Road (Philip Goldson Highway and Remate Bypass Upgrading) Project

6.01 PROJECTS FUNDED BY INTER-AMERICAN DEVELOPMENT BANK (IDB) / GOB

George Price Rehabilitation Project (GPHR): Rehabilitation of the George Price Highway from Roaring Creek to Loma Luz Boulevard, Santa Elena, Cayo District has been substantially completed with completion of Section 3– Blackman Eddy to Loma Luz Boulevard, Santa Elena. The Total investment for the civil works, supervision, land acquisition and payment to affected persons was BZ\$77,743,457.46. The Ministry hired a Contractor to perform periodic

and routine maintenance of the 32.5 kms of the newly rehabilitated highway for a period of 2 years, which should end by early February of 2025.

Climate Vulnerability Reduction Project (CVRP): This project was located in Belize City and its objective was flood alleviation in southside Belize along with providing creating an enabling environment to facilitate and build resilience in the tourism sector in both Caye Caulker and Goff Caye. This project included the construction of concrete line walls along sections of East / West Collet Canals drainage improvement and construction of a pumping station which will alleviate the incidence and duration of flood events in the southside area of Belize City. Approximately 2,600 meters of Collet canal was cleaned, more than 6,200 meters of street drains were rehabilitated/cleaned reducing flooding in downtown Belize City. Finally, the construction of a pump station, using four Archimedes screws was installed and commissioned for operation in 2023.

Other minor interventions took place in Caye Caulker with the construction of a groyne and sand dunes to help protect the Palapa Garden Area from a storm events. Proceeds from the loan were also used to build a new palapa, 260 feet pier, new bathroom, new ranger hut with solar lights, sewer system and generator on Goff's Caye. These two interventions were completed at the end of February 2023.

6.02 Projects Funded by the Republic of China (Taiwan) / GOB

Upgrading of 27 miles of Corozal – Sarteneja Road: (Bz\$100 M)

The Corozal to Sarteneja Road Upgrading Project (42.3 km) is funded via a loan provided by Export-Import Bank of the Republic of China (Taiwan). The GOBZ single sourced and signed a contract with Overseas Engineering & Construction Co. Ltd (OECC) S.A. to carry out a design and build project. The Contract was signed on November 2018 for upgrading of 27 miles of the Corozal Sarteneja Road. This road project also involves construction of two new Bridges which will replace the old, dilapidated ferries at Pueblo Viejo and Laguna Seca. The project was broken into three components:

- Design of Corozal to Sarteneja Road valued at USD \$1,500,000.00
- Corozal to Sarteneja Road Upgrading value at USD \$43,500,000.00
- Supervision of Corozal to Sarteneja Road Upgrading Project value at USD \$3,500,000.00

- On January 2023 the BOQ for the civil works was reviewed and had an added cost of USD \$980,844.92.

The Taiwanese Contractor, OECC, has already completed the design of the road and two Bridges and construction is now underway. The following was completed:

- Box and circular culverts have been installed
 - 12 out of 22 single R.C culverts
 - 0 out of 1 double R.C. culverts
 - 16 out 20 triple R.C. culverts
 - 2 out of 4 double box culverts
 - 1 out of 2 triple box culverts
- No earthen V drains nor swales have been implemented to date
- Cut to waste at 80% complete
- Common fill placement at 83% complete (36 km out of 43.2 km)
- Hard fill placement at 80% complete
- Boulder placement from CH 1+400 to CH 6+700 (95% completed)
- Subbase placement at 74% completed (31.8 km out of 43.2 km)
- Basecourse placement at 53% completed (23 km out of 43.2 km)
- 21 km out of 43.2 km has been paved with 1st layer of DBST (48.6% complete)
- 15.6 km out of 43.2 km has been paved with 2nd layer of DBST (36% complete)
- Bus laybys and sidewalks have not commenced (0% complete)
- Road safety features such as line marking, reflectors, signage, speed bumps, guardrails and lighting ongoing (15% complete)
- Intersection construction (rigid pavement) at Orchid Bay has not commenced (0% complete)
- Laguna Seca Bridge approaches remain along with road safety features (87% complete)
- Pueblo Nuevo Bridge has experienced delays of over 1 month due to incorrect levels at plinths, plies for raft foundation also does not appear to meet required frictional strength required. (55% complete)

The project is 61% completed and based on the progress and reduction in staffing of OECC, the contractor will require additional time to completed the project.

Upgrading of the San Estevan Road: (Bz\$8.59M)

Joint funding efforts between the Government of the Republic of China (Taiwan) and the Government of Belize was applied to a project to upgrade the San Estevan Road in Orange Walk districe. The Project comprises of the improvement of approximately 10 km of road between Banquitas Bridge in Orange Walk town and San Estevan Village. The road will see an upgrade from a gravel road with poor drainage and susceptible to flooding, to an all- weather, paved road (with double bituminous surface dressing a.k.a. chip seal), capable of sustaining anticipated traffic from heavy agricultural machinery. The new road will have two lanes at 3.65 meters wide with

paved shoulders at 1.5 meters (10.3 meters total width) complete with proper drainage, road marking and signs.

Works commenced in January 2023 with programmed duration of 12months. The civil works contractor is Teichroeb & Sons Ltd, with supervision provided by the MIDH. Near to the end of year, the contractor applied for an extension of time due to the effects of many rain events that completely saturated the native marl soils, which are notoriously slow to dry out. Works are anticipated to concluded by the end of the first quarter of 2024.

Status at the end of 2023 is as follows.

- Earthworks have been completed.
- Installation of culverts and drains underway (approximately 60%)
- Pavement is underway (approximately 70%)
- Overall Progress approximately 70%

6.03 Projects Funded by OPEC Fund for International Development (OFID) / GoB

Haulover Bridge Replacement Project

The Haulover Bridge Replacement Project is funded by the GoB and the OPEC Fund for International Development, through a Bz\$24 M loan.

In 2020 the Government decided to re-design the bridge structure using a local firm and locally available materials to be a multiple span reinforced concrete pre-cast / pre-stressed structure. Following a detailed review of the project, the MIDH commissioned a professional peer review of the detailed designed and commenced the procurement of a construction contractor in March 2021.

The GoB signed a contract for the Haulover Bridge Replacement Project with M&M Engineering Consultants Ltd., in the amount of Bz\$30,990,991.49 on 23 August 2021.

The Haulover Bridge Replacement Project will install a new multiple-span reinforced concrete structure designed to AASHTO Standards, immediately downstream of the existing Haulover Bridge. The new structure has two approach spans of 43.025meters and a center span of 42.5meters, totaling 128.55meters. Seven Florida Type 72 Bulb Tee girders support each span

providing an overall bridge deck width of 14.9meters. The new structure accommodates two lanes of traffic including 1.5m wide shoulders and dedicated pedestrian sidewalks on both sides. A rigid AASHTO Type 732 concrete barrier separates vehicular and pedestrian traffic. The reinforced concrete deck with precast and prestressed elements is founded on reinforced concrete center piers and abutments and driven piles.

Two elevated reinforced concrete approaches of five 30 meters spans, comprising of seven precast pre-stressed AASHTO Type 4 beams on each span will create a gradual approach from ground level to the bridge deck, which is 6.5meters above mean sea level, providing 4.5meters of freeboard and making the entire bridge a climate resilient structure. Additional improvements include the addition of modern safety features including high visibility signs, lighting, painted lane markings, and safety rails as needed.

On the south approach, all piles have been driven, pile caps constructed and 4 of 5 spans have been completed. Piles for the south abutment and the first pier in the river have been installed and cut to level. On the north approach all piles have been driven, pile caps constructed and 3 out of 5 spans have been constructed. All AASHTO Type 4 girders have been fabricated and installed for north and south approach spans. All 21 Florida Bulb Tee girders for the three main bridge spans have also been constructed. These main bridge girders were installed to the three spans by the end of October 2023, concreting of the main deck slab was ongoing and completed by the end of year.

Works are anticipated to be substantially complete by the end of 2023, and fully complete by the end of fiscal year 2023/24.

Caracol Road Upgrading Project

(i) Phase 1 – Caracol Road Upgrading Project

The Caracol Road Upgrading Project is funded by the Government of Belize and the OPEC Fund for International Development, through a US \$40 million loan. Works commenced in February 2020.

The Caracol Road Upgrading Project – Phase 1 is approximately 34.7km (21.5miles) and divided into three lots. The project included the construction of earthen embankments, crushed

gravel pavements, and two (3.65m) lanes with (1 m) shoulders with a double bituminous chip-seal wearing course. The road drainage scheme was also upgraded through the replacement of undersized culverts and the upgrading in some cases to reinforced concrete box structures. The road segment was completed with modern ancillary road safety features, including high visibility road signs, edge markers, lane markings, and safety rails.

Lot 1A (Georgeville – Tripartite / Santa Elena – Cristo Rey / San Antonio – Tripartite)

Lot 1A is 26km in length, from George Price Highway / Georgeville intersection to the Tripartite Intersection and from the intersection with George Price Highway in Santa Elena to the Tripartite Intersection. The project duration was 30months, reflecting completion in August 2022 at a contract price of **Bz\$37,988,176.55**.

Lot 1B (Tripartite Intersection - Blancaneaux Lodge Line)

Lot 1B is 8.8km in length, was completed as of the end of November 2021. The defects correction period closed November 2022. The final contract value was **Bz\$14,898,164.44**.

Lot 1C (Blancaneaux Lodge Line – Pinol Line)

Lot 1C is 7.25km in length, through the Mountain Pine Ridge Forest Reserve. The road section was modified slightly to 3.35m lanes and 0.5m shoulders; this was done prior to contract award to Belize Roadway Construction Ltd., on 21 May 2021, as a cost savings exercise. Three new bridges will be constructed within the road segment at Privassion Creek (24m), Oak Burn Creek (35m) and Pinol Creek (90.65m).

The project commenced on 2 August 2021 with a contract period of 18months, reflecting completion on 2 February 2023. An extension of time was given to 2 July 2023, due to excavation in rock, which was unforeseen and the effects of several severe weather events. At the end of February 2023, the entire section was at the level of first coat chip seal. At that time the bridges at Privassion Creek and Oak Burn Creek were completed with the concreting of the triple span Pinol Bridge deck the remaining activity for the construction of bridges.

Lot 1C, and by extension, Phase 1 of the Caracol Road Upgrading Project was completed by mid-June at an approximate cost of **Bz\$16,402,152.12**.

(ii) Phase 2- Caracol Road Upgrading Project

The Caracol Road Upgrading Project – Phase 2 covers the distance from Pinol Line to the Caracol Archaeological Site, a distance of 42.9km (26.2 miles), which passes through Douglas da Silva camp. Phase 2 is divided into three lots. Lot 2A (23.7km) from Pinol Line to Guacamallo Bridge. Lot 2B the construction of Guacamallo Bridge and Lot 2C (18.7km) from Guacamallo Bridge to Caracol Archaeological Site.

Construction contracts were signed with CISCO Construction in April 2022. The main construction camp was set up at Douglas da Silva camp. Road setting out and clearing is ongoing. Progress has been slow; the contractor is approximately 4 months behind program.

- 2A (Pinol Line – Guacamallo Bridge) - **\$31,147,445** – Progress (22%)
- 2B (Guacamallo Bridge) - **\$8,840,493.31** – Progress (50%)
- 2C (Guacamallo Bridge – Caracol Archaeological Site) - **\$16, 633,131.79** – Progress (12%)

The MIDH has written to the contractor and held meetings with the supervision team to instruct that every measure be taken to get the works back on program by the end of 2023. The contractor’s construction management team was re-organized in the closing months of 2023; improvements in production was noticed almost immediately. The MIDH plans a comprehensive project review in 2024 with a view to update progress according to program and provide a new targeted completion date.

(iii) George Price Highway Upgrading Project (San Ignacio – San Jose Succotz)

A contract was signed for the upgrade of section of highway from the San Ignacio Roundabout to San Jose Succotz on 20th July 2023. The works commenced on September 4 with a duration of 24 months. The upgrade will be to international standards and the length of the upgrade is 10.64 km. The typical cross section is 10.20 meters wide. Each lane will be 3.60 meters with 1.50 meters of paved shoulder on each side.

In San Jose Succotz village approximately 800 meters will be reinforced concrete pavement, and the rest of the highway upgrade is Hot Mix. Climate resilience infrastructure is being installed as well as the road safety aspect being considered. Works also include the

placement of gabion baskets to protect the riverbank in certain sections from San Jose Succotz to Benque Viejo del Carmen entrance. The cost for this upgrade is **BZ\$26,709,339.09**.

<p>Sub-base material placement</p>	
<p>Cross culvert placement by BEL Substation</p>	
<p>Scarification of old pavement</p>	

6.06 Projects Funded by the United Kingdom Caribbean Infrastructure Partnership Fund / Caribbean Development Bank / GOB

(i) SIXTH Road (COASTAL HIGHWAY) Upgrading Project
Civil Works

The Sixth Road (Coastal Highway) Upgrading Project was funded by the Government of Belize, UKCIF and CDB, through a GBP\$25,050,000 grant and Bz\$73,152,000 loan.

Procurement of construction contractors commenced the 2nd quarter of 2019; bids were submitted on 24 October 2019 and contracts were signed on 2 December 2019. Works commenced in January 2020.

The Coastal Highway Upgrading Project – Lot 1 is approximately 28.16 km (17.6 miles) including the upgrading of its intersection (La Democracia) with the George Price Highway, as well as the rehabilitation of Sibun, Cornhouse and Soldier Creek Bridges and the new construction of Manatee Bridge. Lot 2 is approximately 29.88 km (18.7 miles) including the construction of a new roundabout at its intersection with the Hummingbird Highway. It included the rehabilitation of Nelly bridge as well as the new construction of Jenkins, Quamina, Deadman, Mangrove and Big Creek bridges. The project included the construction of earthen embankments, crushed gravel pavements, and two (3.6m) lanes with (1.5m) shoulders that have a double bituminous chip-seal wearing course. The road drainage scheme was also upgraded through the replacement of undersized culverts and the upgrading to reinforced concrete box structures or pipe culverts. The road segment was completed with modern ancillary road safety features, including high visibility road signs, edge markers, lane markings, safety rails, bus laybys and lighting.

Lot 1 (La Democracia Village – Soldier Creek Bridge)

Lot 1 is 28.16 km in length, all box culverts have been completed; all 28km was fully completed with road pavement and the first coat application of bituminous surface dressing. Second layer chip seal is approximately at 90% completion with only 3 km remaining. Sibun Bridge, Cornhouse Bridge and Soldier Creek Bridge rehabilitation is 98% complete with only ancillary items and line marking remaining. Manatee Bridge is approximately 95% completed with lighting and the installation of guardrails remaining. All three floodways have been completed. The project duration is 36 months, reflecting completion in January 2023 at a contract price of Bz\$62,971,611.45. An extension of time was granted to the contractor up July 2023. The contractor obtained substantial completion in July 2023.

Lot 2 (Soldier Creek Bridge – Hope Creek Village)

Lot 2 is 29.88 km in length, all drainage features have been completed; the first layer of double bituminous surface dressing was completed, as well as bridge construction. Jenkins, Quamina, Deadman's, Mangrove and Big Creek Bridge were completed with ancillary works such as lighting, road marking and the installation of guardrails. Intersections at Gales Point Manatee, Mullins River and Hope Creek village were fully completed. Double bituminous surface dressing was completed. Installation of road safety features are in progress; line marking, reflectors, signage, speed bumps, guard rails, lighting and bridge monitoring systems are at approximately 70% completion at the end of 2023. An extension of time was granted to the contractor up July 2023. The contractor obtained substantial completion in July 2023.

The opening ceremony of the Coastal Plain Highway was on 7 July 2023. The defects liability period has commenced and will expire in April 2024. The supervision firm has also been tasked to carry out quarterly inspections and report on any defects during the period.

Consultancy Services

The Sixth Road (Coastal Highway) Upgrading Project has two soft components and are categorized as capacity building.

Community Capacity Building for Livelihood Enhancement Project

The procurement for this consultancy experienced some initial delays which arose from the type of procurement method of engagement i.e., Quality and Cost Based Selection. Due to the limited amount of consultancy firms with the particular experience being requested for this consultancy, the consultancy was relaunched using the Quality Based Selection Method. On December, 2021 the QBS procurement process was completed and BRAC consultants was awarded the consultancy contract. The consultancy commenced in October 2022 with a pause in December 2022, after the inception report was submitted and accepted. An extension of time was granted to the consultant to continue with the consultancy, phase 2 and prepare the livelihood action plan, which is due in June 2023. The consultants continued their worked and provided the remaining deliverables. Another extension up to December 2023 was given for them to finalize the last deliverable. This consultancy was successfully completed by December 2023.

Coastal Highway Corridor Structure Plan

The procurement for this consultancy experienced major delays (1 year) due to the Ministry of Natural Resources (MNR) not being able to provide the required personnel to be a part of this consultancy. In August of 2021 MNR provided the required personnel to commence the procurement process of this consultancy. The Expression of Interest was advertised locally and regionally and the deadline for submission was set for 30 November 2021. Based on interests submitted, the evaluation committee shortlisted three (3) firms and has submitted the EOI evaluation report to CDB for their review and no-objection. It is anticipated that this consultancy will commence in May 2023. A Contract was signed in May 2023 with Buro Happold Ltd, the original contract was scheduled for 4 months but from the onset it was identified this time frame was inadequate. The consultants indicated a more realistic time would be 10 months. The works commenced and submitted the second deliverable in December 2023. The consultancy is moving at a slow pace and is expected to be delayed. The 3rd deliverable is expected to be submitted in January 2024.

(ii) Philip Goldson Highway and Remate Bypass Upgrading Project

The Philip Goldson Highway and Remate Bypass Upgrading Project (PGHRBP) is being funding in part with a grant from the United Kingdom Caribbean Infrastructure Partnership Fund (UKCIF), a loan from the Caribbean Development Bank and contribution from the Government of Belize.

Organization	Funding
UKCIF	Bz\$37.2M
CDB	Bz\$68.8M
GOB	Bz\$13.8M
Total	Bz\$119.8M

Civil works generally entails the resealing and widening as well as paving of the road shoulders for the entire portion of the Philip Goldson Highway from Mile 24.5 in Biscayne Village to the Santa Elena Border and includes the Remate Bypass road for a total length of approximately 128km. additional and new drainage structures will be installed to improve climate resilience; road

safety features include line marking, road studs, traffic signs, bus lay-bys, bus shelters and traffic calming measures in all villages. As road safety is a key component of the project, additional safety features in village locations only, includes pedestrian/ bicycle paths, pedestrian crossings, and rumble strips. To improve safety as well, there will be a realignment of the Mamayal curve, the Libertad Junction and the Tumbaito curve near the intersection to Chan Chen Village. Three new roundabouts will also be constructed, one at Crooked Tree junction and one at either end of the Remate Road. The PGH project is also divided into 4 Lots:

Table 9. Contracts signed for Philip Goldson Highway & Remate Bypass Upgrading Project

WORKS PACKAGE	CONTRACTOR	CONTRACT #	ORIGINAL VALUE (BZD)	FINAL ADJUSTED VALUE (BZD)
Lot 1	Teichroeb & Sons Ltd.	04-2021/22	\$10,530,865.48	\$21,518,209.62
Lot 2	Cisco Construction Ltd.	05-2021/22	\$27,079,302.32	\$26,012,154.74
Lot 3	Cisco Construction Ltd.	06-2021/22	\$21,931,778.70	\$23,539,347.38
Lot 4	Teichroeb & Sons Ltd.	07-2021/22	\$19,791,478.71	\$21,035,577.45

Lot 1: Mile 24.5 – 52 and Miles 88 to Border (49.21km) – Completed.

Lot 1 includes two sections of the PGH; Section A and Section D. Section A commences at the existing culvert at approximately Mile 24.5 and terminates at the existing roundabout at the beginning of the Orange Walk Bypass and Section D commence from the Northern intersection of the Remate Road Bypass and terminates at the Border Post in Santa Elena.

Four variation orders (VO's) were granted under the Lot 1 contract; the first VO was approved for a sum of BZD 4,075,052.00, for additional shoulder widening and paving of the section from the project start at mile 24.5 to Carmelita Village. This was to further enhance safety along that portion of road and to accommodate edge line markings as several sections of the road suffered severe edge breaks and raveling. The second variation was approved for additional drainage works following a weather disturbance that affected the country between 17th and 18th August 2022, which caused flooding of five sections of the Highway and two major culvert washouts. The additional works under this VO will raise 5km section of the PGH, and install additional drainage culverts throughout that section and was for a total amount of BZD 3,619,664.54. The third VO

was approved for works that were not provided for under the original Bill of Quantities as well as to cover price adjustments for change in cost of materials for an amount of BZD 2,781,151.97. The fourth and final VO for an amount of BZD 511,475.63 was to cover price adjustments for change in cost of materials. The amended Contract amount for Lot 1 is **\$21,518,209.62**.

Lot 2: Miles 52 – 75 (36.6km) – Completed.

Lot 2 commences from the existing roundabout at the beginning of the Orange Walk Bypass and terminates just before the proposed new roundabout forming the southern end of the Remate Bypass.

One Variation Order was granted under Lot 2 contract to formalize the final contract price which resulted in a savings of BZD 1,067,147.48. The savings were as a result of (1) over-estimation of quantities in the original BoQ and (2) value engineering in the decision to change from cement stabilized marl base to a granular base. The savings generated from Lot 2 are proposed to be used to supplement the increase in the final contract price for Lot 3 resulting from price increases in construction materials. The final contract sum for Lot 2 is **BZD \$26,012,154.74**.

Lot 3: Remate Bypass (18.5km) – Completed.

Lot 3 comprises the construction of the entire Remate Road Bypass.

One Variation Order was granted under Lot 3 contract to formalize the increase in the final contract price due to price increase of materials, as well as for the execution of new works activities such as additional bus laybys and pedestrian ramps, additional guard rails and access to private properties. VO#1 was for a total amount of BZD 1,607,568.68 and bringing the new contract sum for Lot 3 to **BZD \$23,539,347.38**.

Lot 4: Mile 75 to 88 (23.59km) – Completed.

Lot 4 includes two sections of the PGH: Sections E1 and E2. Section E1 commences at the southern end of the Remate Bypass and terminates at the existing roundabout at the southern end of the existing dual carriageway boulevard in Corozal Town. Section E2 commences from the

Northern end of the Remate Bypass and terminates at the start of the existing dual carriageway boulevard in Corozal Town.

Two Variation Orders were granted under Lot 4 contract for (VO 1) works that were not provided for under the original Bill of Quantities and (VO 2) to cover price adjustments for change in cost of materials; the amount of which was more than the contingency amount provided for under the contract. VO#1 was for a total amount of BZD 1,103,498.63 and VO2 was BZD 540,421.10 bringing the new contract sum for Lot 4 to **BZD \$21,035,577.45**.

Safe School Zone Consultancy

The intent of this consultancy is to Design and Implement Safe School Zones at five of the most vulnerable schools along the Project corridor.

The request for expressions of interest was published in November 2022; however, no submissions were received on the deadline date. A request was made to the funding agency for the use of limited tender procedure to invite three firms/ consultants to submit a proposal based on the approved Terms of Reference. Young's Engineering Consultancy Limited, Chia's Engineering Company limited and Politecnica Igegneria ed Architettura were invited to submit a proposal for the consultancy; however, all three proposals were significantly above the allocated budget.

In considering, the road upgrading component of the project already incorporates safety features at schools, the PEU had proposed to the CDB to utilize the funds allocated under this consultancy be used to support Phase II of the livelihoods Enhancement Strategy and Action Plan. This allocation was verbally agreed to by the Bank and formal request was sent. Response is still pending.

Development & Implementation of a Human Trafficking / Smuggling, Gender Based Violence and HIV/AIDS Awareness Campaign

Following two failed attempts at procuring a firm for this consultancy, recommendation was made to augment existing campaigns developed by local governmental and non-governmental organizations. This recommendation was approved and the Terms of Reference was amended to reflect the same and shared with a local NGO, the Productive Organization for Women in Action (POWA).

Contract was signed in March 2024 and the consultancy is expected to be completed by December 20, 2024.

Development & Implementation of a Livelihoods Enhancement Strategy & Action Plan

A contract was signed with BRAC Consultants of Jamaica on March 06, 2023 for a sum of US\$145,082.50. The consultancy was separated into two phases with Phase I focusing on a baseline study of existing businesses and develop a profile of micro and small business operators and entrepreneurs identifying economic activity for people in locations that will be impacted by the project with a particular focus on women and youth as well as identify potential economic development and livelihood opportunities arising from the upgrading of the PGH. Phase II includes the implementation of priority actions identified and agreed in the Livelihoods Strategy Action Plan developed under Phase I.

Due to deficiencies noted in Consultant's performance, the Contract came to a natural end and was not renewed for Phase II implementation. Approval was sought and received from the Bank for Phase II to be implemented by local governmental and quasi-governmental organizations (i.e. Beltraide, Belize Companies Registry, National Women's Commission).

The Terminal Disbursement date for completion of the remaining consultancies under the Philip Goldson and Remate Bypass Upgrading Project is December 31, 2024

7.0 HOUSING PORTFOLIO

7.01 Project Description

The Government of Belize, through the Ministry of Infrastructure Development and Housing (MIDH) launched the Low-Income housing project. The aim of the project is to provide a sustainable housing program that will ensure easy and affordable access to home ownership for all Belizeans in both urban and rural areas; thereby contributing to the sustainable development of Belize. The ministry established, the newly formed Housing Execution Unit (HEU) to directly oversee and administer the project.

Application Process

Phase I of the Low-Income Housing Program focuses on constructing studio housing units which possess approximately 435 square feet of living space are valued at approximately BZ\$57,000.00, and contain the following amenities:

- One (1) kitchen area;
- One (1) open concept living room and dining area;
- One (1) outdoor laundry area;
- One (1) shared bathroom; and
- One (1) multi-use room which serves as a bedroom.

Important to highlight is that housing units take climate resilient designs into consideration by offering a level of mitigation against the risks of natural disaster, as was demonstrated following the passage of Hurricane Lisa in November 2022.

An application for Phase I of the Low-Income Housing Program can be attained from any MIDH office throughout Belize or can be attained from the MIDH website. Once an application is received by the MIDH, it is screened to ensure that the applicant satisfies at least one (1) of the following criteria:

- Demonstrate extreme levels of poverty;
- Demonstrate not owning a house or owning a house that is in dilapidated condition;
- Demonstrate being a single parent, an elderly person, or a person with a disability;

- Demonstrate being unemployed or underemployed; and
- Demonstrate access to a parcel of land for construction.

Once an applicant satisfies the screening process, the application is submitted to a Housing Evaluation and Selection Committee for final scrutiny and approval. Members of the Housing Evaluation and Selection Committee comprise of the following stakeholder groups:

- Ministry of Infrastructure Development and Housing;
- Ministry of Human Development, Families, and Indigenous Peoples' Affairs;
- Ministry of Natural Resources, Petroleum, and Mining;
- The National Association of Village Councils (NAVCO);
- The Ministry of Finance through the Office of the Prime Minister;
- Belize Red Cross Society; and
- Civil Society

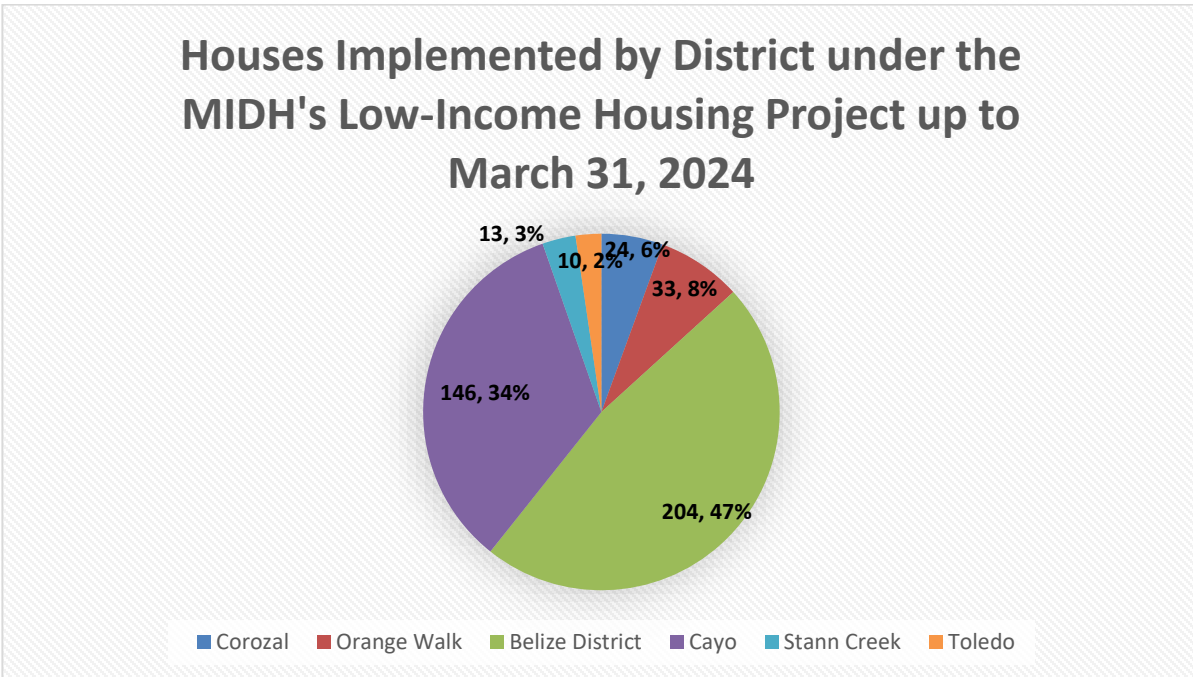
Once an application is approved, construction of the low-income studio house commences, which takes approximately 12 weeks to complete. Upon completion of construction, the beneficiary is provided with a package which includes a complete set of as built building schematics, schematics that detail plans for future expansion of the studio house, and a promissory note for repayment towards the studio house. The promissory note considers a payment plan based on the income of the applicant and is estimated at BZ\$100.00 per month over a period of ten (10) years. It is important to highlight that since Phase I of the Low-Income Housing Program focuses on providing housing to beneficiaries that are in the lowest bracket of the socio-economic index, the GoB subsidizes 75% of the cost of construction, with the beneficiary only having to repay 25% of the cost of construction. To protect the GoB's investment in the Low-Income Housing Program, a lien is placed on the property on which the housing unit is being constructed up until the beneficiary repays their portion of the cost of construction

7.02 Project Management

The MIDH established the Housing Execution Unit (HEU) to directly oversee and administer the objectives of the low-income housing project. The unit is currently staffed with 34 employees. The unit is also tasked with the responsibility of engaging contractors and suppliers to obtain the necessary skilled personnel and materials for the construction of the modular houses.

The HEU is equipped with a dynamic team that is willing, capable, and very much responsible in meeting the demands and objectives of the program.

The chart below shows the distribution of the houses implemented up to March 31, 2024.



To date, the government has invested approximately BZ\$11.6 million towards Phase I of the Low-Income Housing Program. This investment has been utilized to revive a once dormant ministry by creating a fully functional, efficient, and effective housing execution unit at the MIDH along with administering the construction of 430 housing units. Important to mention is that of the 430 housing units, an estimated 75% have been allocated to female-headed households. In addition, it is estimated that approximately 2,000 beneficiaries have been positively impacted from the delivery of these housing units.

By receiving and owning a house under the Low-Income Housing Program, it has positively affected the lives of many families in a variety of ways. As a result of owning a house the lives of many families have improved since they now have a safe house to call home and to enjoy with family members and friends. An added benefit to each family is that considering the value of the house the families can now access financial assistance from the commercial banks to

further develop their house. The real estate value of the property automatically increased providing additional borrowing ability to the family for greater improvements to the house and the family's wellbeing. A house also positively impacts the children since their friends will treat them with greater respect compared to before. A good quality house also improves the overall value of the housing stock of the community and the country.

This program is the starting point towards providing affordable housing to needy families in Belize. It builds self-esteem and most importantly provides opportunities for greater economic stability for families and the community and the wider Belize by adding value to the existing infrastructure currently available.

The Low-Income Housing Program is being funded by the Government of Belize through funding allocated under Capital II funds. Additionally, funding has been received from Taiwan to construct 50 housing units in Belmopan. It is expected that this program will expand in the near future to include a wider range of recipients.

The Ministry of Housing also provides technical assistance to our sister line ministries and a few statutory bodies with building design services, estimating proposed works, procurement services and construction supervision. Projects associated with this technical assistance include the following:

Magistrates Court Retrofit

The project entailed the retrofit of the Magistrates Court Building, Belize City, which was affected following the passage of Hurricane Lisa. The project scope entailed retrofitting the roof structure; reconstruction of internal wall structures and ceilings; reconstruction of the first-floor structure; retrofitting of external wall surfaces; replacement of windows and doors; upgrading electrical and air conditioning systems; construction of restroom spaces; and the construction of an access ramp to allow unimpeded access to persons with disabilities.

The project commenced in November 2022 and was completed in December 2023. The estimated cost for works totals BZ\$2,915,690.57.

St. Matthew's Government Primary School Reconstruction

The project entails the re-construction of an eight (8) classroom building at the St. Matthew's Government Primary School, St. Matthew's Village, Cayo District, following the destruction by fire of an eight-classroom building in March 2023. In addition to the construction of the classroom building, the project provides landscaping.

The project commenced in July 2023 and as at March 2024, the project was approximately 90% complete. As at March 2024, expenditure for the project totaled approximately BZ\$1,300,000.00. It is estimated that the work shall be completed by June 2024.

Photos of houses being handed over;



8.0 LESSONS LEARNT

8.01 Works Portfolio

The Ministry has had time to conduct an assessment of its affairs in an effort to improve its overall effectiveness and efficiency in delivery of services to the Belizean people. In the recent past, a poor perception of the Ministry had developed within our Society amidst the allegations of corruption of officials in the Belize Public Service. This, in the case of the MIDH, had to do with poor accountability of funds, the use and abuse of the Ministry's assets, and the unaccounted pieces of equipment from the Ministry's inventory. In essence there was the perception of lack of proper controls and adherence to the financial and stores regulations. This assessment resulted in controlling measures being reintroduced, implemented and adopted the following measures being implemented and adopted as a policy throughout the Ministry:

- The procurement process for operational matters involving works, goods and services now requires at the minimum four officers to review and support the requests before CEO's approval is granted.
- A policy decision has been made in respect to procurement methods used within the Ministry. An annual Procurement Plan is to be prepared by a team comprising of technical staff, administrative officer and finance officer and with explicit approval of the CEO and Minister the works/goods/services are to be advertised with the Open Tender Method employed as much as possible. Limited/Selective tendering procedures, in accordance with the Finance and Audit Reform Act, should be used sparingly and only to support the MIDH's force account activities or in emergency situations.
- To reduce cost of operations and improve coordination between the International Funding Institutions, the Executing Agency (MIDH) and Project Execution Unit, the Ministry has now established one Central Project Management Unit. This will involve sharing of support staff such as finance officers, administrative assistants, office assistants and drivers to reduce cost without compromising quality of supervision or timely completion of these major road projects, while keeping in line with the, often, stringent requirements of various international funding partners
- To obtain more value for money and optimize the use of its limited resources, the Ministry has been rebuilding its equipment fleet to undertake more maintenance activities with its own work force (Equipment and Manpower). This will improve response to emergencies as well as duty performance in more rural areas.
- The Ministry is engaged with other line ministries in rebuilding its technical staff complement to improve its effectiveness and efficiency. This will address understaffing in the MIDH and enable an improved response to emergencies and data collection and

management. As a spin-off benefit increase staff will allow flexibility with deployment of staff to ease the strain on the officers and allow them to enjoy their full leave entitlement which has been a challenge.

8.02 Housing Portfolio

At the beginning of the housing project, the Ministry was involved in procuring and delivering all construction materials for the construction of low-cost houses to all the construction sites. This endeavor proved to be unsustainable as it required resources which were not readily available in country because of Covid-19, causing unnecessary delays to contractors and by extension delays with the completion and delivery of the houses.

Another drawback which affected cost and delivery of low-cost homes were the locations of proposed sites which were situated far from each other requiring long travelling time and challenges with road access. Longer travelling time and delivery of material caused delays in construction and timely completion of the low-cost homes.

To reduce the need for additional resources, the procurement and delivery method was modified, where the Ministry entered into contract with suppliers to provide and deliver majority of the materials for the contractors, while the Ministry was limited to delivery of only specific items to the contractors. The materials provided by the Ministry were procured by bulk which reduced the unit price for these materials, thus generating savings and reducing the overall cost of the houses.

Another significant drawback is the fact that the HEU had to put in place significant infrastructure input prior to being able to construct the house. As part of the project, the HEU has had to build new roads or improve existing roads and streets, placed culverts, fill lots, clear house lots with equipment, demolish and move existing buildings as well in preparation for construction; this was done conjunction with the MIDH's road infrastructure department. Besides challenges with road, drainage and utility infrastructure, the HEU is also faced with, in many instances, unique ground conditions, which may call for a measured amount of technical engineering input, in the form of ground condition testing, engineered foundations and other building modifications.

9.0 FUTURE PRIORITIES AND PLANS

Based on the achievements and lessons learnt over the last year the Ministry is considering having the private sector construct prefabricated buildings to reduce cost per house. This additional option will require that the Ministry hires additional technical staff to be able to provide the necessary construction supervision for a greater number of houses within a short period of time.

In rolling out of the next phase of the Housing Program, public officers and the wider public will be able to qualify for two- and three-bedroom houses to be constructed by the Ministry with co-financing through the National Bank of Belize or the Development Finance Cooperation. The implementation of this new modality will increase the number of houses being built over the next fiscal year.

9.01 Staffing considerations

The HEU is currently understaffed and many of the personnel that are available have limited experience to effectively operate unsupervised. Coupled with inadequate staffing, there are challenges to fill existing vacancies primarily because remuneration packages offered in the Belize Public Service are below the current market rates / remuneration packages offered in the Private Sector. There already is a shortage of qualified and suitably experienced tradesmen, Architects and Engineers and unless the salary and conditions of services are improved in the Belize Public Service to a level close to or similar with those offered by the Private Sector, the MIDH will continue to experience challenges attracting suitable technical staff that qualified and experienced.

Table 10. Staffing personnel at the Housing Execution Unit

Staff	Number	Employment Type	Vacant Positions
Project Manager (Engineer)	1	Permanent	
Financial Specialist (Finance Officer)	1	Contract	
Engineer	1	Contract	1
Procurement Control Manager	1	Permanent	
Architect II	1	Permanent	1
Building Maintenance Manager	1	Permanent	
Building Maintenance Supervisor	1	Permanent	
Housing Officer	2	Permanent	1

Second Class Clerk	3	Permanent	
Secretary	1	Permanent	
Building Construction Inspector	7	Permanent	3
TOTAL STAFF - HOUSING	20		6

The funding for the project is currently being provided by the Government of Belize, which intends to seek additional funding support from International Funding Institutions to finance this initiative. Last fiscal year, 2021/2022 when the Government embarked on launching this project two million five hundred thousand (Bz\$2.5m) dollars were budgeted and expended on the project.

9.02 Capital Projects

The Ministry of Infrastructure Development & Housing continues its efforts in finding an appropriate balance between infrastructure maintenance and protection and the improvement and expansion of its civil infrastructure. Thus far most, if not all of the capital infrastructure projects under the MIDH were put in place by the previous government. Due diligence was done and these projects have continued. Their execution has brought benefits that are debatably mis-aligned with the current government’s plan for Belize. Projects that are unique and originate from the thoughtful consideration of this administration are lacking. The Ministry feels that its best opportunity to showcase a project started under this administration is the execution of the upgrading of the George Price Highway (Belize City to Belmopan). The benefits of upgrading to international and modern standards of this main thoroughfare between the Belize’s only two cities are not debatable.

The second project dear to the Ministry is the replacement of the Belcan Bridge. Another project that would originate from the work of this administration, the execution of this project is pressing and urgent given the poor state of the current structure and the advice of Belize’s leading engineers. The MIDH sees its replacement as a top priority.

ANNEXES

ANNEX 1 FINANCIAL UPDATE ON MIDH (WORKS AND HOUSING PORTFOLIOS)

FINANCE SECTION

The finance section at the Ministry of Infrastructure Development & Housing plays a crucial role in ensuring the effective and efficient management of public funds. This department is responsible for overseeing the financial matters of the government, including budgeting, accounting, and financial reporting. The purpose of the finance section is multifaceted, encompassing aspects of accountability, transparency, and stewardship of public resources. One of the primary purposes of the finance section at MIDH is to ensure the proper allocation and utilization of public funds. Government agencies receive funding from various sources, including taxes, grants, and loans. The finance section is tasked with developing and implementing budgets that align with the government's priorities and objectives. By establishing clear budgetary guidelines and monitoring expenditure, the finance section helps to prevent overspending and ensure that public funds are used in a responsible and efficient manner.

The Finance Section also devises and monitor systems and procedures to safeguard government assets, ensure accountability and to ensure compliance with government financial accounting and stores regulations. In addition to budgeting, the finance section is responsible for maintaining accurate and transparent financial records. Sound financial management practices are essential for promoting accountability and integrity within the government. By keeping detailed records of revenue and expenditures, the finance section can track the flow of funds and identify any discrepancies or irregularities. This transparency is essential for building trust with the public.

Furthermore, the finance section plays a key role in financial reporting and compliance with regulatory requirements. Government agencies are subject to various laws and regulations

governing financial management and reporting. The finance section is responsible for ensuring that the government complies with these requirements and submits accurate and timely financial reports to relevant authorities. By adhering to these standards, the finance section helps to promote accountability and maintain the credibility of the government's financial operations.

Lastly, an important purpose of the finance section in a government office is to provide financial advice and support to the Chief Executive Officer and Chief Engineer. The key expectation of the Finance Section, MIDH is to control the finances allocated to this ministry and to ensure that financial and stores regulations are strictly adhered to while maintaining effective, efficient, and transparent negotiations while receiving value for your money. This includes regular checks on all district administration and the procurement and payment for all transactions including fuel and wages. This section is in indirect communication with Ministry of Finance to ensure that de-reservations are allocated and are on time. The MIDH's Finance Section includes four First Class Clerks, four Second Class Clerks, one (Acting) Administrative Assistant and two Finance Officers.

During the period January to December 2023 a total of **704 contracts were awarded**. These are categorized as follows:

- Four Hundred and Seventy-Three (**473 contracts**) were awarded under road works,
- Fifty (75) contracts were awarded for bridges and drainage works,
- Thirty-Four (34) contracts were awarded for employment,
- Twelve (8) for purchase of heavy equipment and
- One Hundred Fourteen (114) for construction of low-income housing project country wide

The Recurrent Approved Budget for the period under review was Bz**\$22,310,328.16**; expenditure for that same period was Bz**\$21,303,039.68** (see annex). These Expenditures encompass all the Line Item such Personal Emolument, Travel and Subsistence, Material & Supplies, Operating Costs, Repair and Maintenance Cost, Telephone and Contracts and Consultancy for all Cost Centers under the Ministry mandate.

The Capital II Approved Budget for the period under review was Bz**\$51,349,995** while the Expenditure was Bz**\$54,326,405**. For the period under review Capital III Budget was Bz**\$113,569,409** while the expenditure was Bz**\$73,208,571**.

Finally, several new initiatives were implemented to improve transparency, accountability, and efficiency in the Finance Section. A new Standard Operating manual was created to improve the processing of the approval of Requestions, Direct and purchase orders, invoices and contracts been awarded. These initiatives implemented were the introduction of new Works Orders for the above to certify, authorized and the approval of all above by the Chief Executive Officer. A new Fuel Orders system was also created were by multiple officers had to signed off on all Fuel payment monthly.

TABLE 1: RECURRENT APPROVED ESTIMATE VS. ACTUAL EXPENDITURE 2023

RECCURRENT APPROVED ESTIMATE VS. ACTUAL EXPENDITURE 2023		
COST CENTER	APPROVED ESTIMATE	ACTUAL EXPENDITURE
29017-CENTRAL ADMINISTRATION	3,124,031.13	2,919,662.71
29028-BUILDINGS ADMINISTRATION	523,515.05	517,186.92
29032-COROZAL DISTRICT	1,156,240.53	1,166,162.57
29043-ORANGE WALK DISTRICT	1,118,073.36	1,111,829.09
29051-BELIZE DISTRICT	1,201,579.69	1,098,931.71
29064-CAYO DISTRICT	1,238,340.41	1,185,580.20
29075-STANN CREEK DISTRICT	1,055,192.54	1,123,450.31
29086-TOLEDO DISTRICT	1,228,855.55	1,157,340.13
29108-ENGINEERING ADMINISTRATION	7,615,399.74	7,077,665.83
29148-MECHANICAL ADMINISTRATION	826,857.05	746,707.29
29168-SOILS & SURVEY ADMINISTRATION	482,879.93	378,161.51
29178-MANAGEMENT INFORMATION SYSTEM	149,874.93	114,433.49
29238- BELMOPAN ROAD UNIT	961,059.48	1,259,015.20
33017- HOUSING GENERAL ADMINISTRATION	660,295.78	647,259.21
33051- HOUSING & PLANNING DEPARTMENT	968,132.99	799,653.51
	22,310,328.16	21,303,039.68

TABLE 2: CAPITAL II ESTIMATED BUDGET VS. ACTUAL EXPENDITURE 2023 (Bz\$)

CAPITAL II ESTIMATED BUDGET VS. ACTUAL EXPENDITURE 2023

COSCT CENTE	ACTIVIT	DESCRIPTION	ESTIMATED BUDGET	ACTUAL EXPENDITURE
29017		INFRASTRUCTURE DEVELOPMENT GENERAL ADMIN		
	1475	PHILIP GOLDSON HIGHWAY AND EREIMATE BYPASS UPGRADING PROJECT	-	210,561
	1571	COROZAL - SARTENEJA UPGRADING	-	374,537
	1773	REHABILITATION WESTERN HIGHWAY - BELMOPAN TO BENQUE	250,000	18,530
	1844	GEORGE PRICE HIGHWAY REHABILITATION	-	-
	1892	REHABILITATION OF HUMMINGBIRD HIGHWAY	45,000	-
	1936	HAULOVER BRIDGE	-	1,420,737
	1937	CARACOL ROAD UPGRADE	-	2,416,885
	1942	SIXTH ROAD COASTAL HIGHTWAY UPGRADING PROJECT	-	239,111
	1968	BUILDING SECTOR REFORM PROJECT	20,000	-
	2058	GEORGE PRICE HIGHWAY UPGRADING PROJECT (BELIZE CITY TO BELMOPAN)	-	100,497
	2093	CARACOL ROAD PROJECT PHASE LL	-	560,813
	2095	GEORGE PRICE UPGRADING PROJECT (SAN IGNACIO TO BENQUE) (PHASEVI)	-	161,975
	2105	UPGRADING OF SAN ESTEVAN ROAD (BANQUITAS BRIDGE -SAN ESTEVAN VILLAGE)	-	-
	2111	PHILLIP GOLDSON HIGHWAY EXPANSION PROJECT (MILE8 24.50)	-	-
	2112	NORTH AMBERGRIS ROAD	-	-
	2145	REHABILITATION OF SAN CARLOS ROAD, ORANGE WALK DISTRICT (3.0 MILES)	-	17,415
	2146	CONSTRUCTION OF TWO FARM ROADS IN VALLEY OF PEACE AREA (4.72 MILES)	-	855,220
	2153	URBAN RENEWAL PROJECT	-	3,697,285
	9000	PURCHASE OF FURNITURE & EQUIPMENT	99,998	178,822
	9001	PURCHASE OF SPECIALIZED EQUIPMENT	4,000,000	5,215,085
	9002	PURCHASE OF OTHER OFFICE EQUIPMENT	-	-
	9003	PURCHASE OF COMPUTERS & PERIPHERALS	25,000	71,775
	9005	PURCHASE OF SOFTWARE	-	-
	9006	PURCHASE OF AIR CONDITIONING UNIT	60,000	28,989
	9010	PURCHASE OF VEHICLES	-	-
	9021	CAPITAL IMPROVEMENT TO BUILDING AND FACILITIES	2,000,000	4,850,734
	9022	MAINTENANCE OF STREETS & DRAINS	5,000,000	5,698,568
	9024	MAINTENANCE OF HIGHWAYS	9,999,997	3,103,627
	9040	INFRASTRUCTURE - VILLAGES (STREETS & DRAINS)	3,000,000	8,593,079
	9041	INFRASTRUCTURE - RURAL ROADS AND BRIDGES	6,000,000	4,082,139
	9042	INFRASTRUCTURE - TOWNS (STREETS & DRAINS)	5,000,000	1,167,971
	9044	INFRASTRUCTURE - CITIES (STREETS & DRAINS)	6,000,000	4,580,513
	9046	INFRASTRUCTURE - SUGAR ROADS	1,300,000	1,539,186
	9047	INFRASTRUCTURE - AGRICULTURAL ROADS	1,500,000	718,253
	9048	INFRASTRUCTURE - CAPITAL IMPROVEMENT OF INTERSECTIONS/ROUNDABOUTS	50,000	33,245
	9414	RECONSTRUCTION OF GOVERNMENT SCHOOLS	-	617,260
33017		HOUSING GENERAL ADMINISTRATION		
	2034	LOW INCOME HOUSING PROJECT	5,000,000	2,453,865
	9021	CAPITAL IMPROVEMENT TO BUILDING AND FACILITIES	1,000,000	852,034
	9300	ANNUAL INDEPENDENCE DAY CELEBRATIONS ACTIVITIES	-	391
	9320	ONGOING HOME IMPROVEMENT GRANTS & LOANS PROGRAM	1,000,000	467,301
			51,349,995	54,326,405

TABLE 3: SHOWING CAPITAL III ESTIMATED BUDGET VS. ACTUAL EXPENDITURE 2023 (Bz\$)

CAPITAL III ESTIMATED BUDGET VS. ACTUAL EXPENDITURE 2023				
COSCT CENTE	ACTIVIT	DESCRIPTION	ESTIMATED BUI	ACTUAL EXP
29017		INFRASTRUCTURE DEVELOPMENT GENERAL ADMIN		
	1475	Philip Goldson Highway and Eremate Bypass Upgrading Project	9,200,000	29,183,918
	1492	Macal Bridge		
	1571	Corozal - Sarteneja Upgrading	14,550,000	2,765,580
	1936	Haulover Bridge	14,052,910	4,899,914
	1937	Caracol Road Upgrade	400,000	6,507,550
	1942	Sixth Road Coastal Hightway Upgrading Project	18,000,000	16,742,510
	2058	George Price Highway Upgrading Project (Belize City to Belmopan)	14,000,000	244,144
	2084	Orange Walk Town to San Estevan Village	-	1,718,789
	2093	Caracol Road Project Phase II	18,000,000	5,915,471
	2095	George Price Upgrading Project (San Ignacio to Benque) (Phase VI)	7,500,000	1,479,914
	2105	Upgrading of San Estevan Road (Banquitas Bridge - San Estevan Village)	8,075,500	3,746,630
	2111	Phillip Goldson Highway Expansion Project (mile 8 24.50)	9,245,000	4,150
	2112	North Ambergris Road	545,999	-
			113,569,409	73,208,571

ANNEX 2 ACCOMPLISHMENT REPORT – ROAD INFRASTRUCTURE MAINTENANCE BY DISTRICTS

COROZAL DISTRICT

ROAD ID	ROAD NAME	ACTIVITY	QTY	UNIT
F4128	Urbina sugar Road	Spot Patching unpaved	660.00	Cyds/Marl
F4401	Santa Cruz - Santa Clara, sugar road	Spot Patching unpaved	1065.00	Cyds/Marl
		Culverts construction	24.00	feet
F4506	Santa Clara Sugar road	Spot Patching unpaved	360.00	Cyds/Marl
		Culverts construction	64.00	feet
	Santa Clara Village	Vegetation Control (mechanical)	2.00	Acres
		Culverts construction	168.00	feet
	Santa Clara -San Victor	Culverts construction	68.00	feet
F4101	Richards Sugar road	Spot Patching unpaved	1185.00	Cyds/Marl
F4115	Loza sugar road	Spot Patching unpaved	120.00	Cyds/Marl
F4220	Yo Chen - Medina Sugar Road	Spot Patching unpaved	120.00	Cyds/Marl
D410	Corozal Patchakan road	Spot Patching unpaved	450.00	Cyds/Marl
D400	Consejo road	Spot Patching unpaved	8295.00	Cyds/Marl
D472	Buena vista Caledonia Road	Spot Patching unpaved	2250.00	Cyds/Marl
F 4051	Cerros Sugar Road	Spot Patching unpaved	1920.00	Cyds/Marl
F4811	Warrie Bught Farmers Road	Spot Patching unpaved	1800.00	Cyds/Marl
D432	Buena Vista- San Victor Road	Spot Patching unpaved	3645.00	Cyds/Marl
		Culverts construction	64.00	feet
F4304	Buena Vista- San Victor Road#1	Spot Patching unpaved	915.00	Cyds/Marl
F4509	Palmer Sugar road	Spot Patching unpaved	2690.00	Cyds/Marl
		Culverts construction	96.00	feet
F4301	San Victor Sugar road #2	Spot Patching unpaved	225.00	Cyds/Marl
		Culverts construction	28.00	feet
	San Victor sugar road#1	Culverts construction	24.00	feet
	San Victor Village	Spot Patching unpaved	1815.00	Cyds/Marl
F4205	Yo Chen- Laguna sugar Road	Spot Patching unpaved	1275.00	Cyds/Marl
F4220	Yo Chen - Medina Sugar road	Spot Patching unpaved	585.00	Cyds/Marl
F4219	Yo Chen Pascual Sugar road#2	Spot Patching unpaved	585.00	Cyds/Marl
F4215	Yo Chen Pascual Sugar road#1	Spot Patching unpaved	570.00	Cyds/Marl
D430	Santa Clara San Victor road	Spot Patching unpaved	1935.00	Cyds/Marl
D402	Tumbiato- Chan Chen road	Spot Patching unpaved	975.00	Cyds/Marl
F4316	Pech Sugar Road	Spot Patching unpaved	390.00	Cyds/Marl
F4522	Coba Sugar Road	Spot Patching unpaved	255.00	Cyds/Marl
F4311	Santa Clara- San Narciso Sugar Road	Spot Patching unpaved	540.00	Cyds/Marl

		Culverts construction	56.00	feet
F4202	San Pedro- Playa Sugar Road #1	Spot Patching unpaved	1575.00	Cyds/Marl
F4203	San Pedro Sugar road #3	Spot Patching unpaved	285.00	Cyds/Marl
F4309	Antunez sugar road	Spot Patching unpaved	75.00	Cyds/Marl
F4310	Chan Buena Vista Sugar Road	Spot Patching unpaved	810.00	Cyds/Marl
F4306	Buena Vista- Morales Suagar Road#1	Spot Patching unpaved	810.00	Cyds/Marl
D471	Santa Cruz Caledonia Road	Spot Patching unpaved	151.00	Cyds/Marl
F4615	Concepcion San Joaquin Sugar Road	Spot Patching unpaved	450.00	Cyds/Marl
D482	San Estevan Progresso Road	Spot Patching unpaved	1740.00	Cyds/Marl
	Zapote sugar road #1	Culverts construction	24.00	feet
	Zapote sugar road #3	Culverts construction	192.00	feet
F4004	Santa Elena Farnes Road	Spot Patching unpaved	540.00	Cyds/Marl
f4030	Mena Sugar Road	Spot Patching unpaved	255.00	Cyds/Marl
F4028	Torough Sugar Road	Spot Patching unpaved	225.00	Cyds/Marl
F4008	Tzib Sugar Road	Spot Patching unpaved	330.00	Cyds/Marl
F4508	Laguna Sugar Road#1	Spot Patching unpaved	600.00	Cyds/Marl
F4505	Laguna Catzin sugar road#2	Spot Patching unpaved	450.00	Cyds/Marl
D487	San Roman San Narciso Road	Spot Patching unpaved	300.00	Cyds/Marl
F4300	Concepcion Libertad sugar road #2	Spot Patching unpaved	375.00	Cyds/Marl
F4617	Pacheco sugar road	Spot Patching unpaved	825.00	Cyds/Marl
F4032	Magana Sugar road	Spot Patching unpaved	150.00	Cyds/Marl
F4408	Estrella Farmers road#1	Spot Patching unpaved	60.00	Cyds/Marl
		Culverts construction	32.00	feet
F4002	Santa Rosa sugar road	Spot Patching unpaved	1350.00	Cyds/Marl
F4308	Lucio Teck sugar road	Spot Patching unpaved	300.00	Cyds/Marl
F4054	Westby sugar road	Spot Patching unpaved	195.00	Cyds/Marl
F4307	Buena Vista sugar road	Spot Patching unpaved	750.00	Cyds/Marl
F4038	Yah Farmers road	Spot Patching unpaved	150.00	Cyds/Marl
F4500	Louisville Sugar road #1	Spot Patching unpaved	900.00	Cyds/Marl
		Culverts construction	76.00	feet
503	Louisville Chital Sugar Road#2	Spot Patching unpaved	225.00	Cyds/Marl
F4511	Louisville sugar Road #3	Spot Patching unpaved	45.00	Cyds/Marl
F4045	UBI Sugar road	Spot Patching unpaved	45.00	Cyds/Marl
F4524	Felito Louisville sugar Road	Spot Patching unpaved	150.00	Cyds/Marl
F4815	Bustillos sugar road #2	Spot Patching unpaved	645.00	Cyds/Marl
D440	Libertad Buena Vista road	Spot Patching unpaved	900.00	Cyds/Marl
F4046	Progresso sugar Road #1	Spot Patching unpaved	300.00	Cyds/Marl
F4047	Progresso sugar Road #2	Spot Patching unpaved	450.00	Cyds/Marl
F4048	Progresso sugar Road #3	Spot Patching unpaved	30.00	Cyds/Marl
F4058	Flores Sugar Road	Spot Patching unpaved	300.00	Cyds/Marl
F4057	Bustillos Sugar Road	Spot Patching unpaved	120.00	Cyds/Marl
F4814	Nancy Perry Sugar Road	Spot Patching unpaved	450.00	Cyds/Marl

F4320	Rojel Sugar Road	Spot Patching unpaved	225.00	Cyds/Marl
D470	Narrow,s sugar road	Spot Patching unpaved	1500.00	Cyds/Marl
		Culverts construction	72.00	feet
	Ranchito Village	Spot Patching unpaved	4995.00	Cyds/Marl
		Vegetation Control (mechanical)	2.00	Acres
	Caledonia Village	Spot Patching unpaved	6690.00	Cyds/Marl
		Culverts construction	252.00	feet
	Paraiso Village	Spot Patching unpaved	7680.00	Cyds/Marl
		Spot Patching (Premix)	4.25	cyds
F4011	Paraiso sugar road	Spot Patching (Premix)	3.25	cyds
	Altamira- Paraiso Road	Spot Patching (Premix)	6.25	cyds
	Libertad Village	Spot Patching unpaved	2310.00	Cyds/Marl
		Culverts construction	380.00	feet
	Libertad Village Complex Center	Spot Patching unpaved	435.00	Cyds/Marl
D440	Libertad - Buena Vista Road	Spot Patching (Premix)	2.50	cyds
		Vegetation Control (mechanical)	37.00	Acres
		Vegetation Control (Hand)	2.50	Acres
		Culverts construction	32.00	feet
	San Andres Village	Spot Patching unpaved	1230.00	Cyds/Marl
D486	San Andres -San Antonio road	Spot Patching (Premix)	19.25	cyds
		Vegetation Control (mechanical)	12.00	Acres
		Vegetation Control (Hand)	5.75	Acres

	Concepcion Village	Spot Patching unpaved	1350.00	Cyds/Marl
		Vegetation Control (mechanical)	18.00	Acres
		Culverts construction	268.00	feet
	Louisville Village	Spot Patching unpaved	3225.00	Cyds/Marl
		Culverts construction	268.00	feet
	San Narciso Village	Spot Patching unpaved	2565.00	Cyds/Marl
		Spot Patching (Premix)	2.50	cyds
		Vegetation Control (mechanical)	12.00	Acres
		Culverts construction	72.00	feet
D431	San Narciso- San Victor Sugar Road	Vegetation Control (mechanical)	71.00	Acres
		Vegetation Control (Hand)	17.00	Acres
		Culverts construction	132.00	feet
	San Roman Village	Spot Patching unpaved	2910.00	Cyds/Marl
		Spot Patching (Premix)	5.00	cyds
		Vegetation Control (mechanical)	4.00	Acres
		Culverts construction	216.00	feet
	Buena Vista Village	Spot Patching unpaved	4065.00	Cyds/Marl
		Vegetation Control (mechanical)	2.00	Acres
	Sarteneja Village	Spot Patching unpaved	6885.00	Cyds/Marl

Chunnox Village	Spot Patching unpaved	2685.00	Cyds/Marl
	Culverts construction	216.00	feet
Copper Bank Village	Spot Patching unpaved	1650.00	Cyds/Marl
Patchakan Village	Spot Patching (Premix)	11.50	cyds
Corozal Freezone	Spot Patching unpaved	1051.50	Cyds/Marl
	Spot Patching (Premix)	4.00	cyds
Corozal Town	Spot Patching unpaved	2640.00	Cyds/Marl
	Spot Patching (Premix)	16.75	cyds
	Corozal Town at bus terminal	Spot Patching (Premix)	1.00
D410 Corozal- Patchacan road	Spot Patching (Premix)	98.50	cyds
	Vegetation Control (mechanical)	96.00	Acres
	Vegetation Control (Hand)	15.50	Acres
F4213 Noguera Xaibe road	Spot Patching (Premix)	1.50	cyds
	Vegetation Control (mechanical)	56.00	Acres
	Vegetation Control (Hand)	7.00	acres
D485 San Roque - Xaibe road	Vegetation Control (mechanical)	24.00	Acres
	Vegetation Control (Hand)	4.50	acres feet
	Culverts construction	24.00	
D 403 Remate- Chan Chen Road	Vegetation Control (mechanical)	12.00	Acres
	Vegetation Control (Hand)	1.00	acres
San Joaquin Village	Vegetation Control (mechanical)	3.00	Acres
San Antonio Village	Vegetation Control (mechanical)	2.00	Acres
AR2 Phillip Goldson Highway	Vegetation Control (mechanical)	603.00	Acres
	Vegetation Control (Hand)	92.50	acres
MIDH compound	Vegetation Control (mechanical)	5.00	Acres
	Vegetation Control (Hand)	2.50	acres

ORANGE WALK DISTRICT

<u>Location</u>	<u>Activity</u>	<u>QTY</u>	<u>Unit</u>
August Pine Ridge Road	Vegetation Control (Mechanical)	100	acres
	Vegetation Control (Hand)	25	acres
August Pine Ridge Village	Grading	5	miles
	R.C. Culverts	5	no.
	Opening of Drains	450	feet
	Road Upgrade		
Black Water Creek Sugar Road	Grading	1.0	miles
Briceño Sugar Road	Spot Dumping	1.1	miles
	Grading	1.1	miles
BSI M2 Sugar Road	Spot Dumping	3.1	miles
	Grading	3.1	miles

BSI M1 Sugar Road	Road Upgrade	6	miles
Cacabix Road	Spot Patching (Aggr.)	6	miles
	Grading	6.1	miles
	Road Upgrade	6.1	miles
Cal Brothers Sugar Road	Road Upgrade	2.5	miles
	RC Pipe Culvert	2	no
Carmelita Village	Opening New Road	0.3	miles
	Spot Dumping	2	miles
	Grading	4	miles
	R.C Pipe Culvert	4	no
	Opening od Drains	450	feet
Carmelita Farmers Road	Spot Dumping	8.4	miles
	Grading	8.4	miles
	R.C Pipe Culvert	2	no
Carmelita Sugar Road	Spot Dumping	4.7	miles
	Grading	4.7	miles
Carrillo – San Lázaro Sugar road	Grading	2	miles
Chan Pine Ridge Road	Spot Patching (Aggr.)	1.4	miles
	Grading	1.4	miles
Chell Sugar Road	Grading	1.4	miles
Cervantes Sugar Road	Grading	0.6	miles
Cerro Sugar Road	Spot Dumping	0.7	miles
	Grading	0.7	miles
Cimaron Sugar Road	Road Upgrade	3.5	miles
Cimarón, # 1 & 2 Sugar Road	Road Upgrade	2.6	miles
Douglas Sugar Road	Spot Patching	4.7	miles
	Grading	4.7	miles
Douglas Village	Spot Patching	2.5	miles
	Grading	2.5	miles
Dubloon Sugar Road	R.C. Pipe Culverts	1	no.
	Road Upgrade	3.2	miles
Farmers Sugar Road	Road Upgrade	6.5	miles
Freshwater Creek Sugar Road	Spot Dumping	2.5	miles
	Grading	2.5	miles
Garcia Brothers Sugar Road	Spot Patching	3	miles
Gonzales Sugar Road	R.C Pipe Culverts	3	no
	Grading	6	miles
Guinea Grass Road	Spot Patching (Aggr.)	6	miles
	Grading	6	miles

	Vegetation Control (Mechanical)	50	acres
	Road Upgrade	2.9	miles
Guinea Grass Village	Paving(DBST)	1.5	miles
	R.C. Pipe Culverts	20	no.
Happy Home Sugar Road	Spot Dumping	3	miles
	R.C. Pipe Culverts	1	no.
Hill Bank Sugar Road	Road Upgrade	8.7	miles
Honey Camp Sugar Road	Spot Dumping	2.8	miles
	Grading	2.8	miles
Lindo Road	Spot Dumping	2.0	miles
	Grading	2.0	miles
Indian Hill Sugar Road	Grading	0.6	miles
Indian Church Road	Road Upgrade	2.6	miles
Nally Sugar Road	Road Upgrade	1.6	miles
	Grading	13	miles
Old Northern Highway	Spot Patching (Aggr.)	13	miles
	R.C. Pipe Culverts	2	no.
Old Northern Road	Road Upgrade	3.8	miles
Old Trail and Old Trail extension	R.C. Pipe Culverts	1	no.
Orange Walk By-Pass	Road Upgrade (Resurfacing of Road)	4.7	miles
	Vegetation Control (Mechanical)	75	acres
	Vegetation Control (Manual)	30	acres
Old Trail Sugar Road	Grading	5	miles
Orange Walk Town (PGH)	Drain Re- Opening	1550	yards
	R.C. Pipe Culverts	2	no
	Vegetation Control (Mechanical)	20	acres
Palmar Guinea Grass Road	Vegetation Control (Mechanical)	40	acres
Palmar Village	Vegetation Control (Manual)	12	acres
	R.C Pipe Culvert	3	no
	Grading	3	miles
Petville Area	Opening up New Road	3	miles
	Road Upgrade	3	miles
Philip Goldson Hwy	R.C Pipe Culvert	2	no
	Vegetation Control (Mechanical)	180	acres
	Vegetation Control (Manual)	60	acres
Posito # 2 Sugar Road	Road Upgrade	9.8	miles
Pósito Sugar Road	Grading	5	miles
Progreso Road	Spot Patching (Aggr.)	5	miles
	Road Upgrade	1.6	miles

Quemason Sugar Road	Road Upgrade	3.2	miles
Rhaburn Ridge Sugar Road	Road Upgrade	4	miles
	R.C Pipe Culverts	4	no
	Opening New Drains	1500	feet
San Antonio Road	Vegetation Control (Hand)	2	acres
	Grading	3	miles
	R.C Pipe Culverts	1	no
San Carlos Road	Spot Patching (Aggr.)	3	miles
San Estevan Road	Paving (DBST)	1.0	miles
	Spot Patching (Aggr.)	5.5	miles
	Grading	5.5	miles
San Estevan Village	R.C. Culverts	1	no.
	Opening New Road	0.1	miles
	R.C. Culverts	4	no.
San Felipe Village	Road Upgrade	3.5	miles
San Felipe Road	Vegetation Control (Mechanical)	80	acres
	Vegetation Control (Manual)	35	acres
San Jose # 2,4,5	Road Upgrade	0.6	miles
San Jose Village	Spot Dumping	4	miles
	Grading	4	miles
	R.C Pipe Culvert	1	no
	Opening of Drains	250	feet
San Jose Sugar Road	Road Upgrade	1.8	miles
San Juan Sugar Road	Grading	4	miles
San Lazaro Village	Road Upgrade	4.7	miles
	R.C Pipe Culvert	8	no
	Opening of Drains	1650	yards
San Lorenzo – Douglas Road # 1	Grading	3.2	miles
San Lorenzo Road	Spot Patching (Aggr.)	3.2	miles
	Road Upgrade	3.8	miles
San Luis – San Lorenzo Sugar Road	Grading	2.2	miles
San Luis Road	Spot Patching (Aggr.)	2.2	miles
	Grading	3	miles
San Pablo- Douglas Road	Spot Patching (Aggr.)	3	miles
	Grading	4	miles
	R.C. Pipe Culverts	1	no.
Sanchez Sugar Road	Grading	0.3	miles
San Pablo Village	Grading	6	miles
San Roman Road	Spot Patching (Aggr.)	6	miles

	Grading	6	miles
San Roman Village	Spot Dumping	2	miles
	Grading	2	miles
Santa Cruz Road	Spot Patching (Aggr.)	3.1	miles
	Grading	3.1	miles
Santa Cruz Village	Road Upgrade	2	miles
Savannah Sugar Road	Spot Dumping	3.6	miles
Sutherland Sugar Road	Grading	0.7	miles
	Spot Dumping	0.7	miles
Subel Sugar Road	Road Upgrade	0.9	miles
Trial Farm to Mameyal Curve	Grading	10	miles
Trial Farm Village	Road Upgrade	5	miles
	Paving(DBST)	0.9	miles
	R.C Pipe Culvert	15	no
	Drain Opening	1800	yards
Three Mile Sugar Road	Spot Dumping	0.6	miles
	Grading	0.6	miles
Vásquez Sugar Road	Road Upgrade	1.2	miles
Victoria Sugar Road	Road Upgrade	2	miles
Water Bank Sugar Road	Road Upgrade	2	miles
Well Rig Sugar Road	Spot Dumping	1.6	miles
	Grading	1.6	miles
	R.C Pipe Culvert	2	no
Xubunha # 1 & 2 Sugar road	Road Upgrade	1	miles
Xubunha Extension Sugar Road	Road Upgrade	2	miles
Yo Creek Sugar Road # 4	Spot Dumping	0.9	miles
	Grading	0.9	miles
	RC Pipe Culvert	2	no
Yo Creek Sugar Road # 5	Spot Dumping	0.8	miles
	RC Pipe Culvert	1	no
	Grading	0.8	miles
Xuucmul – San Luis Sugar Road	Road Upgrade	1.6	miles
Yo Creek Road	RC Pipe Culvert	1	no
	Vegetation Control (Mechanical)	55	acre
	Vegetation Control (Manual)	35	acres
	Installation of Cat Eyes	150	no
Yo Creek Sugar Road # 1	Road Upgrade	1.8	miles
Yo Creek Sugar Road # 3	R.C Pipe Culverts	1	no
	Spot Dumping		

Yo Creek San Antonio Road	Vegetation Control (Mechanical)	75	acres
	Vegetation Control (Manual)	25	acres
Yo Creek- San Lorenzo # 1	Grading	7	miles
Yo Creek Village	Opening of New Drains	300	feet
	Plastic Culverts	2	no

BELIZE DISTRICT

LOCATION	ACTIVITY/DESCRIPTION	QUANTITY
George Price Highway	Pothole Patching-Paved Road Manual Vegetation Control Pothole Patching-Paved Road Mechanical vegetation Control Maintenance Of Roadside Furniture (Replacing Guard Rails) Culvert Headwall Repair Maintenance Roadside Furniture (Trimming Guard rails) Waste Removal (Garbage bags) Clean and Reshape Ditches Patching with other material Transporting of Material (Hardcore)	100 CuYds 22.20 Acres 50 CuYds 69.65 Acres 10 Unit 1 Unit 60 feet 3 Miles 2 units 828 Bags 0.7 Miles 28.50 CuYd 16 CuYd
Free Town Sibun	Heavy Grading Paint powerline stubs Spot Patching-Unpaved Road	2.7 Miles 3 Miles 150 CuYds
MIDH Ladyville Compound	Pre-Mix Preparations	100 CuYds
John Smith Road (8 Mile Link Road)	Patching Bridge Approach Mechanical Vegetation Control Manual Vegetation Control Patching with other material	9.5 CuYds 3 Acres 2 Acres 45 CuYd
Hattieville-Boom Bypass	Maintenance Of Roadside Furniture Clean and Reshape Ditches-Mechanical Pothole Patching-Paved Road Mechanical Vegetation Control Manual Vegetation Control Waste Removal (Garbage Bags)	85 Units 0.27 Miles 11.50 CuYd 3 Acres 2.14 Acres 8 Bags
Philip Goldson highway	Manual vegetation Control Cleaning drainage Structure-Manual Maintenance Roadside Furniture (Pedestrian Bump Repair) Clean and Reshape Ditches-Mechanical Grading Road Shoulders Mechanical Vegetation Control Pothole Patching-Paved Roads Waste Removal (Garbage Bags) Patching Bridge Approach Patching with other material	11.70 Acres 22730 Feet 5 CuYds 4.5 Miles 5.96 Miles 4 Miles 50.38 Acres 76 CuYds 53 Bags 1.5 CuYd 28 CuYd
Biscayne	Mechanical Vegetation Control	1.50 Acres
Lord's Bank Road	Patching With Other Material Waste Removal	3 CuYd 60 Bag
Yalbac Road	Clean and Reshape Ditches-Mechanical	2 Miles
-	Resurfacing Of Roadway	7,320CuYd
-	Heavy Grading	2 Miles
-	Light Grading	1.5 Miles

-	Culvert Construction	1 Unit
-	Accumulating of material	5000 C.Y.
Old Northern Highway	Pothole Patching-Paved Road Resurfacing Of Roadway Heavy Grading Culvert Construction	10.50 CuYd 420 CuYd 13.1 Miles 1 unit
Salt Creek Road (Salt Creek bridge)	Bridge Maintenance	1 Unit
Flowers Bank Road	Transportation of Material Manual Vegetation Control Bridge Reconstruction Resurfacing Of Roadway Spot Patching unpaved road	843.5 BF 4.6 Acres 1 Unit 15 CuYd 45 CuYd
El Rancho Dolores Road	Pothole Patching-Paved Road Bridge Maintenance Light Grading	3 CuYd 1 Unit 3 Miles
Bermuda Landing Road	Clean and Reshape Ditches Bridge Maintenance Pothole Patching-Paved Road Patching with other material	0.38 Miles 2 Unit 49 CuYd 135 CuYds
Lemonal Road	Pothole Patching-Paved Road Manual Vegetation Control	4 CuYd 3 Acres
Willow's Bank-St. Pauls Road	Light Grading	1.5 Miles
Isabella Bank Road	Light Grading Stockpile Material Heavy Grading Spot Patching Unpaved Road	2.31 Miles 150 CuYd 4 Miles 280 CuYd
Grace Bank Road	Spot Patching Unpaved Road	150 CuYd
Crooked Tree	Light Grading	1 Mile
Double Head Cabbage Road	Spot Patching unpaved road	255 CuYd

CAYO DISTRICT

<u>LOCATION</u>	<u>ACTIVITY/DESCRIPTION</u>	<u>QUANTITY</u>
La Gracia Village	New Road Construction	0.66 Miles
	Covering Exposed Culvert with Marl Material	15 Cyd
	Culvert Installation/ Replacement/Construction	3 Units
Ministry Compound	Fence- Installation Poles for Rails on Fence	26 Units
	Fence- Casting of Fence Line	39 Sq Yd
	Vegetation Control Manual	1.5 Acres
	Building Maintenance	1 Unit
	Waste Removal	4 Loads
	Premix Preparation	35 Cuyds
Peter August Racetrack	Vegetation Control-Mechanical	50 Acres
	Plowing	13 Acres
	Vegetation Control-Mechanical	25 Acres
	Transportation of Material- Culverts 18"	11 Units
	Light Grading	0.5 Miles
	Construction of Shed for 10 Stables	1 Unit
Yalbac Road	Backfill drainage Structure	45 Cuyds
	Culvert Installation/Replacement/Construction	4 Units
	Resurfacing of Roadway	2085 Cuyds
	Heavy Grading	1 Mile
	Covering Exposed culverts with material	90 Cuyds
San Teresita- San Marcos Road	Heavy Grading	0.5 Miles
	Resurfacing of Roadways	1560 Cuyds
	Culvert Installation/Replacement/Construction	9 Units
	Culvert Construction	75 Cuyds
	Transportation of Material	6 Units
Santa Cruz Area (Santa Elena)	Culvert Installation/Replacement/Construction	3 Units
	Light Grading	0.2 Miles
Santa Elena Sport Complex	Vegetation Control-Mechanical	2 Acres
Cristo Rey- San Antonio Road	Vegetation Control- Hand	20 Acres
	Vegetation Control- Mechanical	17 Acres
	Base Failure Repairs	0.019 Miles
	Clean and Reshape Ditches Mechanical	1.5 Acres
	Vegetation Control- Mechanical	0.6 Acres
	Misc Routine Maintenance-Cutting Down of Trees	1 Unit
	Roadside Maintenance Furniture	200 Units
Santa Elena- Cristo Rey Road	Vegetation Control- Hand	2 Acres
	Vegetation Control- Mechanical	2.1 Acres
	Misc Routine Maintenance- Waste Removal	2 Loads
San Ignacio- Santa Elena	Low-Lying Bridge Repairs	
	Repairs SideWalk and Fallen Rails	
	Change Runners and Beams	1 Unit
	Removal of Waste	
	Change Curbs	
Selenas Village	Bridge Repairs	1 Unit
	Culvert Installation/Construction	7 Units
	Cleaning Drainage Structure Mechanical	4 Miles

Pilgrim Road	Heavy Grading Cleaning and Reshaping Ditches Mechanical	2.2 Miles 2 Miles
Buena Vista Village	Bridge Repairs Clean and Reshape Ditches Mechanical New Road Construction	1 Unit 2.5 Miles 0.3 Miles
Santa Elena	Housing Project Assistance- Spreading of Material Waste Removal Dumping of All in Material Culvert Installation Reopening of Existing Road	12 Hours 5 Acres 90 Cuyds 2 Units 45 Cuyds
Los Tambos	Resurfacing of Roadways Spot Patching Unpaved Roads Heavy Grading Clean and Reshape Ditches Mechanical Misc Routine Maintenance- Waste Removal Resurfacing of roadway Accumulation of Material Light Grading	2310 Cuyds 1125 Cuyds 0.25 Miles 0.25 miles 1380 Cuyds 2370 Cuyds 4500 Cuyds 3.5 Miles
Yalbac Road	Accumulation of Materials Clean and Reshape of Ditches Mechanical Spot Patching Resurfacing of Roadway	8400 Cuyds 4.15 Miles 60 Cuyds 2610 Cuyds
Georgeville Village	Opening of drains	0.2 Miles
Macaw Bank	Light Grading	2.3 Miles
Los Tambos Farmers Road	Resurfacing of roadway Clean and Reshape Ditches Mechanical	5295 Cuyds 1.6 Miles
Seven Miles	Vegetation Control-Hand	0.4 Acres
Baking Pot Ferry Road	Ferry Repairs Heavy Grading Vegetation Control- Hand Resurfacing of Roadways Culvert Installation Pumping out Water and Changing Bearing Installation of Sign at Ferry Repairing Cables Repairs on Flap, Adjust Pulley/Cables Light Grading Runners Repairs on the Ferry	1 Units 1 Miles 1.5Acres 3360 Cuyds 13 Units 1 Unit 2 Units 1 Unit 1 Unit 0.5 Miles 1 Untis
Bullet Tree Road	Freedom Bridge Maintenance Salvador Fernandez Bridge Bridge Maintenance Vegetation Control- Hand Vegetation Control- Mechanical Pothole Patching Paved Roads Installation of MIDH sign for Road Project Pothole Patching- Paved Road-All-in Major Patching	1 Unit 1 Unit 1 Acres 7.5 Acres 22.75 Cuyds 1 Unit 1 Cuyds 30 Cuyds
Bullet Tree Village Streets	Resurfacing Of Roadway Heavy Grading Light Grading Culvert Construction/Installation/Replacement Clean & reshape ditches	600 CuYd 1.5 Miles 1.5 Miles 1 Unit 2.15 Mile

	Spot patching unpaved road Housing Project Assistance- Material Resurfacing of Roadway	60 CuYd 1.5 Cuyds 1065 Cuyds
San Ignacio Town	Light Grading New Road Construction Patching with Other material Paved Road All in Resurfacing of Roadways Vegetation Control- Hand Culvert Installation/Replacement/Construction Vegetation Control Mechanical Reopening of Existing Road Drainage Construction	1 Miles 0.0039 sq yards 2580 Cuyds 270 cuyds 1.5 Acres 9 units 10 Acres 1 miles 0.7 Miles
Victor Galvez Stadium	Vegetation Control- Hand Waste Removal Dumping of Material – All in Spreading of Material- Chippings Waste Removal Cutting Down of Trees	3 Acres 4 Loads 225 Cyds 31 Cuyds 5 Loads 10 Units
Paslow Falls Road	Spot Patching Paved Roads	20 Cuyds
El Pilar Road	Reopening of Existing Road Heavy Grading Resurfacing of Roadway Culvert Installation	11 Miles 2.5 Miles 7325 Cuyds 1 Unit
Kontiki Area	Cleaning Drainage Structure Mechanical Resurfacing of Roadway Waste Removal Base Placement New Road Construction Spot Dumping Culvert Installations	4.932 Miles 9300 Cuyds 660 Cuyds 5430 Cuyds 1.4 Miles 90 Cuyds 24 Units
Tres Puntas Road	Light Grading Heavy Grading Resurfacing of Roadway Reopening Of Existing Road Culvert Installation/Replacement/Construction	0.9 Miles 2.1 Miles 4800 Cuyds 0.5 Acres 4 Units
Duck Run FarmRoad #2	Resurfacing of Roadways Culvert Construction Heavy Grading	4500 Cuyds 180 Cuyds 2.8 Miles
Duck Run Farm Road #3	Vegetation Control Mechanical	1 Acres
Duck Run 1 Village	Vegetation Control- Hand Vegetation Control-Mechanical Transporting of Material Cleaning Drainage Structure Mechanical Culvert Installation/replacement/Construction Resurfacing of Roadway Spot Dumping	3.5 Acres 7.5 Acres 5 Units 3 Miles 6 Units 1710 Cuyds 120 Cuyds
Santa Familia Village	Vegetation Control-Mechanical Cleaning Drainage Structure Mechanical Light Grading Resurfacing of Roadway Culvert Installation / Replacement / Construction	3.9 Acres 2.5 Acres 6.36 Miles 450 Cuyds 570 Cuyds
Santa Familia Farm Road	Light Grading Resurfacing Roadways	0.5 Miles 1620 Cuyds
Bullet Tree- Santa Familia	Vegetation Control Mechanical	4.1 Acre

Road	Santa Familia #3 Bridge Maintenance Heavy Grading Light Grading Spot Patching Unpaved Road Pothole Patching Paved Roads	1 Unit 6.8 Miles 6 Miles 2 Cuyds 0.5 Cuyds
Branch Mouth Road	Cable Bridge Repairs-Routine Maintenance Vegetation Control-Mechanical Remove and Replace Runners Hammock Bridge	1 Unit 3 Miles 1 Unit
Roy Aldana Farm Road	Vegetation Control- Hand Vegetation Control- Mechanical Misc Routine Maintenance- Cutting Tree Heavy Grading	2.8 Acres 4 Acres 0.3 Acres 1.76 Miles
Duck Run 2 Village	Culvert Construction/Installation/Replacement Vegetation Control- Mechanical	20 Cuyds 8 Acres
Esperanza Village	Vegetation Control- Mechanical	6 Acres
Billy White Village	Vegetation Control- Mechanical	2.5 Acres
Duck Run 3 Village	Cleaning Drainage Structure Mechanical	2.5 Acres
<u>CAYO WEST</u>		
Benque Viejo Town	Reopening of Existing Road Patching with Other Material-Allin Housing Project Assistance Resurfacing Of Roadways Pothole Patching Cleaning Drainage Structure Mechanical Culvert Installation/Replacement/Construction Light Grading Transportation of Material New Road Construction	1.5 Miles 3 Cuyds 75 Cuyds 5985 Cuyds 3226 Cuyds 1.363 Mile 1 Unit 0.7 Mile 4 Units 0.03 Miles
Chaa-Creek-Duploys Farm Road	Maintenance Road Furniture Installation of Bumps	6 Units
Xunantunich Road	Pothole Patching Paved Road	13.25 Cuyds
Calla Creek/Galvez Farm Road	Cable Bridge Repairs Remove and Replace Runners and Beams Vegetation Control-Mechanical Vegetation Control-Manual Heavy Grading Resurfacing of Roadways Waste Material Removal Culvert Construction	1 Units 1 Unit 6.0 Acres 2 Acre 5.8 Miles 1095 Cuyds 50 Bags 12 Cuyds
Negroman- Black Rock Farm Road	Resurfacing Of Roadways New Road Construction	330 CuYd 0.7 Miles
Arenal Road	Base Failure Repairs Resurfacing Of Roadway Cleaning Drainage Structure Mechanical	225 Cuyds 2910 Cuyds 2 Miles

Succotz Village	Cleaning Drainage Structure Mechanical Culvert Installation/Replacement/Construction New Road Construction Resurfacing Of Roadway Waste Removal Fallen Tree	1.571 Miles 3 Units 0.62 Miles 915 Cuyds 2 Units
Hydro Dam Road	Spot Patching Unpaved Road Heavy Grading Clean and Reshape Ditches Mechanical Light Grading Resurfacing of Roadways Culvert Construction	285 Cuyds 1 Mile 1 Mile 2 Miles 1020 Cuyds 2 Units
<u>George Price Highway</u>	Vegetation Control- Hand Vegetation Control- Mechanical Waste Removal-Garbage Pothole Patching Paved Roads Major Patching Paved Roads Patching with other Material (all-in) Hawksworth Bridge Approaches Skin Patching Chip Seal of Prime Surface Waste Removal Clearing of Fallen Trees Culvert Construction Base Placement	19.05 Acres 24.45 Acres 450 Bags 56.25 Cuyds 80.47 Cuyds 22.25 Cuyds 0.2 Cuyds 10.75 Cuyds 5.75 Cuyds 840 Cuyds 2 Units 4 Units 2.5 Cuyds
<u>Western Sanitary Pit</u>	Digging of Holes for Fence Planting Fence Post Casting Fence Post Premix Preparation Accumulation of Material Chain Link Installation Bushing and Clearing With Bulldozer Chain Link Fence	64 Units 64 Units 20 Cuyds 140 Cuyds 13770 Cuyds 1308 Feet 0.6 Miles 10.5 Rolls
Benque Viejo Town and San Jose Succotz	PROVIDE TRANSPORTATION OF 366 LOADS OF MATERIAL, 66 HOURS GRADER SERVICE AND 5 HOURS WATER TRUCK SERVICE FOR REHABILITATION OF NETWORK ROADS IN THE CAYO WEST, CAYO DISTRICT	366 Loads 66 Hours 5 Hours
Los Tambos	PROVIDE TRANSPORTATION OF 220 LOADS OF MATERIAL 15 HOURS GRADER SERVICE, 15 HOURS VIBEROLLER SERVICE AND 220 LOADING OF MATERIAL FOR REHABILITATION OF 0.8 MILES ON ROAD ADJECENT TO MAIN ROAD IN LOS TAMBOS, CAYO DISTRICT	220 Loads 15 Hours 15 Hours 220 Loads
Kontiki Area Constellation Boulevard	PROVIDE 40 HOURS VIBEROLLER SERVICE AND 51 TRUCK LOADS OF WATER FOR REHABILITATION OF CONSTELLATION BOULEVARD IN KONTIKI AREA, CAYO DISTRICT	51 Hours 51 loads
Matus Farm Road	PROVIDE TRANSPORTATION OF 225 LOADS OF MATERIAL FOR REHABILITATION OF MATUS FARM ROAD, CAYO DISTRICT.	225 Loads
Boiton Area and Konitki Area	PROVIDE TRANSPORTATION OF 359 LOADS OF MATERIAL, FOR REHABILITATION OF BOITON AND KONTIKI AREA, CAYO DISTRICT	359 Loads
DuckRun 2 and 3	PROVIDE TRANSPORTATION OF 249 LOADS OF MATERIAL, FOR REHABILITATION ROADS IN THE CAYO NORTHEAST AREA, CAYO DISTRICT.	249 Loads
Los Tambos/ Yalbac	PROVIDE TRANSPORTATION OF 163 LOADS OF MATERIAL AND 67 HOURS EXCAVATOR SERVICE	163 Loads

	FOR REHABILITATION OF NETWORK ROADS IN CAYO CENTRAL AREA, CAYO DISTRICT.	67 Hours
Santa Teresita Village	PROVIDE 115 HOURS EXCAVATOR SERVICE AND TRANSPORTING OF 113 LOADS OF MATERIAL FOR THE REHABILITATION OF ROADS IN SANTA TERESITA VILLAGE, CAYO DISTRICT	115 Hours 113Loads
El Pilar Road	PROVIDE 157 HOURS EXCAVATOR SERVICE FOR THE REHABILITATION OF EL PILAR ROAD, CAYO DISTRICT.	157 Hours
El Pilar Road	PROVIDE TRANSPORTATION OF 227 LOADS OF MATERIAL FOR THE REHABILITATION OF EL PLIAR ROAD, CAYO DISTRICT	227 Loads
Baking Pot Ferry Road	PROVIDE TRANSPORTATION OF 137 LOADS OF MATERIAL FROM BLACKMAN EDDY TO BAKING POT FERRY ROAD FOR THE REHABILITATION OF BAKING POT FERRY ROAD, CAYO DISTRICT.	137 Loads
Baking Por Ferry Road	PROVIDE 112 EXCAVATOR SERVICE FOR THE LOADING OF TRUCKS AT BLACKMAN EDDY FOR THE REHABILITATION OF BAKING POT FERRY ROAD, CAYO DISTRICT	112 Hours
Santa Familia Village/El Pilar/Baking Pot Ferry Road	PROVIDE TRANSPORTATION OF 229 LOADS OF MATERIAL FRO REHABILITATION OF EL PILAR ROAD, 86 LOADS OF MATERIAL FOR REHABILITATION OF BAKING POT FERRY ROAD AND 18 LOADS OF MATERIAL FOR CULVERT CONSTRUCTION IN SANTA FAMILIA VILLAGE, CAYO DISTRICT.	229 Loads 86 Loads 18 Loads
Tres Puntas	PROVIDE TRANSPORATION OF 256 LOADS OF MATERIAL FROM SANITARY LANDFILL MARL PIT TO TRES PUNTAS ROAD FOR THE REHABILITATION OF TRES PUNTAS IN SAN IGNACIO TOWN, CAYO DISTRICT.	256 Loads
Tres Puntas	PROVIDE TRANSPORATION OF 128 LOADS OF MATERIAL FROM SANITARY LANDFILL MARL PIT TO TRES PUNTAS ROAD FOR REHABILITATION OF TRES PUNTAS ROAD IN SAN IGNACIO TOWN, CAYO DISTRICT	128 Loads
Arenal Village Streets	PROVIDE TRANSPORTATION OF 250 LOADS OF MATERIAL FOR REHABILATION OF NETWORK ROADS IN THE CAYO WEST, CAYO DISTRICT	250 Loads

STANN CREEK

<u>RURAL AND FARM ROADS</u>	<u>ACTIVITY/DESCRIPTION</u>	<u>QUANTITY</u>
Sittee River Access Road	pothole patching paved roads patching with other material	30 cuysd 2 cuysd
Hopkins-Sittee River Bypass Road	spot patching unpaved roads heavy grading	1110 cuysd 7 miles
Sittee River Back Road	spot patching unpaved roads heavy grading vegetation control - mechanical	480 cuysd 2.5 miles 10.5 acres
Marina Road	spot patching unpaved roads minor bridge maintenance heavy grading	610 cuysd 1 unit 9.5 miles
Sittee Point Road	spot patching unpaved roads heavy grading	240 cuysd 1.6 miles
Hopkins Access Road	vegetation control - manual pothole patching paved roads	16 acres 7 cuysd
Mayflower Road	heavy grading spot patching unpaved road culvert installation	7 miles 60 cuysd 5 units
Jaguar Reserve Road	heavy grading vegetation control - mechanical spot patching unpaved road	11.5 miles 10 acres 465 cuysd
Georgetown Maya Mopan Road	pothole patching paved roads spot patching unpaved road light grading	8 cuysd 240 cuysd 7 miles
Redbank Road	spot patching unpaved road light grading	255 cuysd 32 miles
May Johnson Farm Road	spot patching unpaved roads culvert installation light grading drainage cleaning	30 cuysd 5 units 1.5 miles 3200 feet
Savannah Bypass Road	minor bridge maintenance light grading	1 unit 3 miles
Savannah Road	spot patching unpaved roads minor bridge maintenance	255 cuysd 1 unit

Davis Fall Road	light grading	1.5 miles
Old Mullins River Road	light grading	4 miles
Mayflower Farm Road #1	light grading spot patching unpaved road	9 miles 615 cuysds
All Pines Road	heavy grading	6 miles
Hopkins Peanut Road	spot patching unpaved roads heavy grading	30 cuysds 1 mile
Old Guatemala Road	spot patching unpaved roads light grading	30 cuysds 3 mile
Savannah Georgetown Tech Road	light grading	5 miles
Hopkins Water Authority Road	spot patching unpaved roads	465 cuysds
Roseville Road	heavy grading	4 miles
Placencia Dump Road	light grading	1.5 miles
Old Placencia Road	light grading	1.5 miles
Julian Perrera Farm Road #3	spot patching unpaved roads light grading	45 cuysds 2.5 miles
Silk Grass Farm Road #2	spot patching unpaved roads light grading	30 cuysds 2 miles
Reynolds Farm Road	vegetation control - mechanical	6 acres
Palacio Farm Road	spot patching unpaved roads drainage cleaning light grading	90 cuysds 3600 ft 0.5 miles
Bucotura Farm Road	light grading	1 mile
Kent Castillo Farm Road	light grading spot patching unpaved roads	0.5 miles 285 cuysds
Montero Farm Road	spot patching unpaved roads	255 cuysds
Santa Rosa Farm Road	vegetation control - mechanical	5 acres
San Roman Cacao Coop Farm Road	spot patching unpaved roads vegetation control - mechanical	45 cuysds 4.5 acres
Santa Maria Agricultural Layout	minor bridge maintenance	1 unit
Hummungbird Farmers Road	minor bridge maintenance	1 unit
Bernard Farm Road	culvert installation	6 units
Mullins River Farm Road	culvert installation	4 units
Paradise Farm Road	spot patching unpaved roads	30 cuysds
Acosta Farm Road	light grading	0.3 mile
Silk Grass Farm Road #1	spot patching unpaved roads	420 cuysds

	light grading	0.5 miles
Commerce Bight Farm Road	spot patching unpaved roads	615 cuysds
Chevion Farm Road	light grading	1 mile
Kendall Farm Road	vegetation control - mechanical	2 acres
Hopkins Farm Road	culvert installation	4 units
Arnold Farm Road	spot patching unpaved roads	1125 cuysds

Melinda Road	light grading spot patching upaved roads	12 miles 195 cuysds
Commerce Bight Pier Road	spot patching unpaved roads light grading pothole pathing paved road	360 cuysds 1.5 mile 3 cuysds
Farm Roads		
Hope Creek Farm Road	spot patching unpaved roads culvert installation(headwalls) light grading vegetation control - mechanical	150 cuysds 2 units 4.5 miles 3 acres
Sabal Farm Road	spot patching unpaved roads vegetation control - mechanical	150 cuysds 4 acres
Pelican Farm Road	light grading spot patching unpaved roads	7 miles 180 cuysds
Sabal Farm Road	light grading	1.5 miles
Cayetano Farm Road	spot patching unpaved roads culvert installation drainage cleaning vegetation control - mechanical	150 cuysds 3 units 400 ft 10 acres
Ysaguirre Farm Road	spot patching unpaved roads	45 cuysds
Emmanuel Farm Road	vegetation control - mechanical	7 acres
John Jose Farm Road	vegetation control - mechanical	4 acres
Elliot Antonio Farm Road	vegetation control - mechanical	4 acres
Chad Usher Farm Road	vegetation control - mechanical	1.5 acres
Peter Lacario	vegetation control - mechanical	3.5 acres
Eugene Zabaneh	vegetation control - mechanical	1.5 acres
Anthony Lewis Farm Road	vegetation control - mechanical	1.5 acres
Richard Dawson Farm Road	vegetation control - mechanical	1 acre
Emil Moreno Farm Road	spot patching unpaved roads	225 cuysds
Carib Reserve Farm Road	vegetation control - mechanical	10.5 acres

Network		
Joe Meighan Farm Road	light grading	1.5 miles
John Jose Farm Road	vegetation control - mechanical	2 acres

Silk Grass Village	spot patching unpaved roads heavy grading vegetation control - mechanical pothole patching paved roads other works-removal of waste material	1140 cu yds 25 miles 42.5 acres 4 cu yds 675 cu yds
Hopkins Village	vegetation control - mechanical spot patching unpaved roads new road construction light grading pothole patching paved roads	27.5 acres 1375 cu yds 1875 ft 4 miles 3 cu yds
Sittee River Village	vegetation control - mechanical culvert installation pothole patching paved roads	91 acres 8 units 45 cu yds
Maya Center Village	spot patching unpaved roads vegetation control - mechanical	15 cu yds 50 acres
Santa Cruz Village	light grading drainage cleaning other works-removal of waste material	28 miles 800 feet 750 cu yds
Maya Beach Village	spot patching unpaved roads	60 cu yds
Placencia Village	spot patching unpaved roads light grading pothole patching paved roads road furniture-painting of speed bumps	2185 cu yds 9.25 miles 20 cu yds 3 units
San Roman Village	spot patching unpaved roads light grading drainage cleaning vegetation control - mechanical	60 cu yds 4 miles 2750 ft. 47.5 acres
Santa Rosa Village	vegetation control - mechanical	23 acres
George Town Village	light grading spot patching unpaved roads vegetation control - mechanical drainage cleaning	1.5 miles 855 cu yds 15.5 acres 450 ft.
Red Bank Village	spot patching unpaved roads light grading vegetation control - mechanical	850 cu yds 3 miles 42 acres

	pothole patching paved roads	6 cuysd
San Juan	vegetation control - mechanical	32 acres
Independence Village	spot patching unpaved roads light grading vegetation control - mechanical pothole patching paved roads	1495 cuysd 3.75 miles 4 acres 5 cuysd
Mullins River Village	light grading	0.7 miles
Pomona Village	spot patching unpaved roads vegetation control - mechanical drainage cleaning culvert installation other works-removal of waste material pothole patching paved roads new street construction	2055 cuysd 121 acres 3190 ft 12 units 780 cuysd 3 cuysd 2.5 miles
Alta Vista Village	spot patching unpaved roads	750 cuysd
Steadfast Village	spot patching unpaved roads light grading vegetation control - mechanical	675 cuysd 0.5 miles 15 acres
Valley Community	spot patching unpaved roads vegetation control - mechanical	1395 cuysd 35 acres
Hummingbird Community	spot patching unpaved roads vegetation control - mechanical heavy grading new road construction	510 cuysd 7 acres 4.5 miles 1.6 miles
Maya Mopan Village	spot patching unpaved roads light grading vegetation control - mechanical other works-removal of waste material	240 cuysd 7.5 miles 5 acres 330 cuysd
Seine Bight village	spot patching unpaved roads	3240 cuysd
Middlesex Village	spot patching unpaved roads vegetation control - mechanical	615 cuysd 17 acres

Hope Creek Village	Vegetation Control - Mechanical spot patching unpaved roads light grading culvert installation drainage cleaning new road construction	41 acres 495 cuysd 3 miles 16 units 700 ft 1.2 miles
Sarawee Village	Vegetation Control - Mechanical	28 acres

	light grading culvert installation spot patching unpaved roads	1 mile 12 units 1135 cu yds
--	----------------------------------------------------------------------	-----------------------------------

Major Highways & Secondary Rods (Inclusive of bridges)	ACTIVITY/DESCRIPTION	QUANTITY
<u>Hummingbird Highway</u> - -	Pothole Patching Paved Roads Grading road shoulders Vegetation Control - Mechanical Vegetation Control - Hand	9 cyds 7.5 mile 72.5 acres 12 acres
Southern Highway	Pothole patching paved roads Vegetation Control - Hand Vegetation Control - Mechanical Base failure repair road furniture-painting speed bumps Grading road shoulders	178 cu yds 28 acres 555 acres 900 feet 8 units 4.5 mile
Placencia Road	Vegetation Control - Hand Pothole patching paved roads	55 acres 15 cu yds
Independence Road	Vegetation Control - Mechanical	38.5 acres

<u>Dangriga Town</u> -	Other works - Bridge repairs Other works- grading Pothole patching paved roads Other works - Spot patching	1 units 77 miles 8 cu yds 10365 cu yds
---------------------------	---------------------------------------------------------------------------------------------------------------------	-------------------------------------------------

TOLEDO DISTRICT

ACTIVITY/DESCRIPTION	LOCATION	QUANTITY
NEW ROAD CONSTRUCTION (RURAL COMMUNITIES)	Bella Vista Village	1 miles
	Columbia Village	3 miles
	Crique Sarco Village	2 miles
	TOTAL	5 miles
GRADING (RURAL ROADS)	Carib Reserve Road	3 miles
	Columbia Road	3 miles
	Ex Servicemen's Road	6 miles
	Monkey River Road	10 miles
	Parantillo Road	3 miles
	San Miguel Road	3 miles
	Santa Anna Road	1 miles
	Silver Creek Road	4 miles
	San Pablo Road	7 miles
	Trio Road	5 miles
	TOTAL	44 miles
GRADING (VILLAGE/TOWN STREETS)	Bella Vista Village	11 miles
	Punta Gorda Town	3 miles
	TOTAL	14 miles
SPOT PATCHING (RURAL ROADS)	Columbia Road	1,080 CY
	Aguacate Road	1,170 CY
	Barranco Road	1,125 CY
	Conejo Road	555 CY
	Corazon Creek Road	225 CY
	Crique Sarco Road	2,400 CY
	Dolores Road	30 CY
	Ex Servicemen's Road	1,320 CY
	Trio Road	135 CY
	Jimmy Lindo Shortcut Road	795 CY
	Jordan Road	600 CY
	Mabilha Road	1,365 CY
	Machaca Road	1,005 CY
	Machakilha Road	6,375 CY
	Monkey River Road	1,560 CY
	Na Lum Ca Road	90 CY
	Nim Li Punit Road	90 CY
	Otoxha Road	75 CY
	San Benito Poite Road	5,895 CY
	San Felipe Road	3,315 CY
San Jose Road	450 CY	
San Lucas Road	90 CY	
San Pablo Road	2,325 CY	

	San Vicente Road	645 CY
	Santa Anna Road	615 CY
	Santa Theresa Road	225 CY
	Silver Creek Road	1,545 CY

MIDH – Road Maintenance Photos



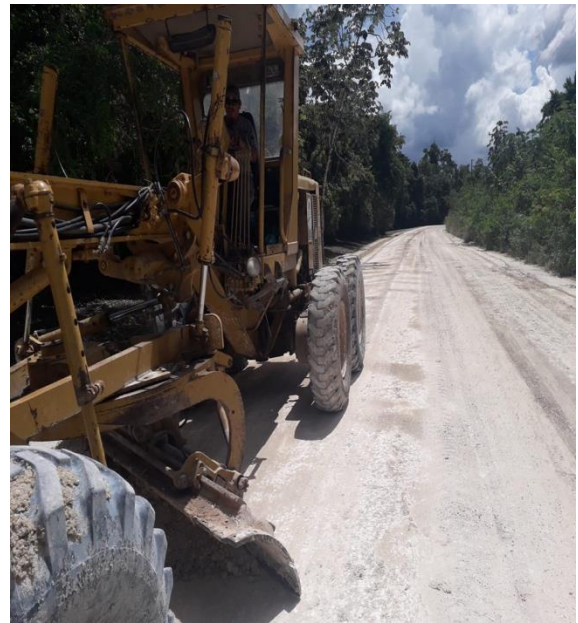
Pothole Patching with Pre-mix asphalt



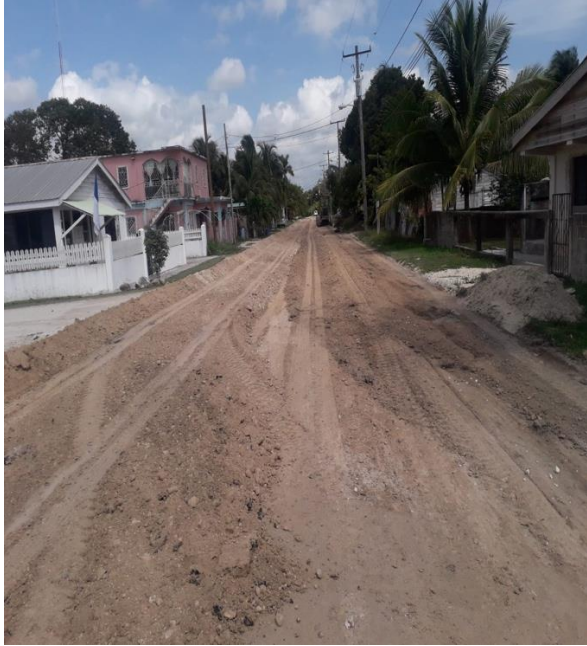
Village street improvement - Santeneja



Mechanical Vegetation Control, Corozal



Road surface maintenance - grading Copper Bank road



Municipal street improvements



36 inches diameter culvert installation



Spot patching on Sugar roads



Preparation for end structure construction



Double concrete culverts with stone pitching end treatment - Yo Creek Sugar Road



Spot Dumping and Grading with shoulder works



Drainage shaping with grader, Sugar road maintenance



18 inches diameter RC pipe culver installation



Road resurfacing



Spot dumping and grading



Spot dumping – Cayo Roads



Road rehabilitation, dumping, grading, re-compacting



Street expansion – dumping pavement quality material



Accumulation of structural fill material – Cayo District

ANNEX 3 MIDH ORGANOGRAM

