Reconnaissance Survey for Traffic Impact Assessment (TIA)

Group 6 – 1815002, 29, 30

446- Transportation Planning Studio

Reconnaissance Survey for Traffic Impact Assessment (TIA)

Site:

South Point School and College

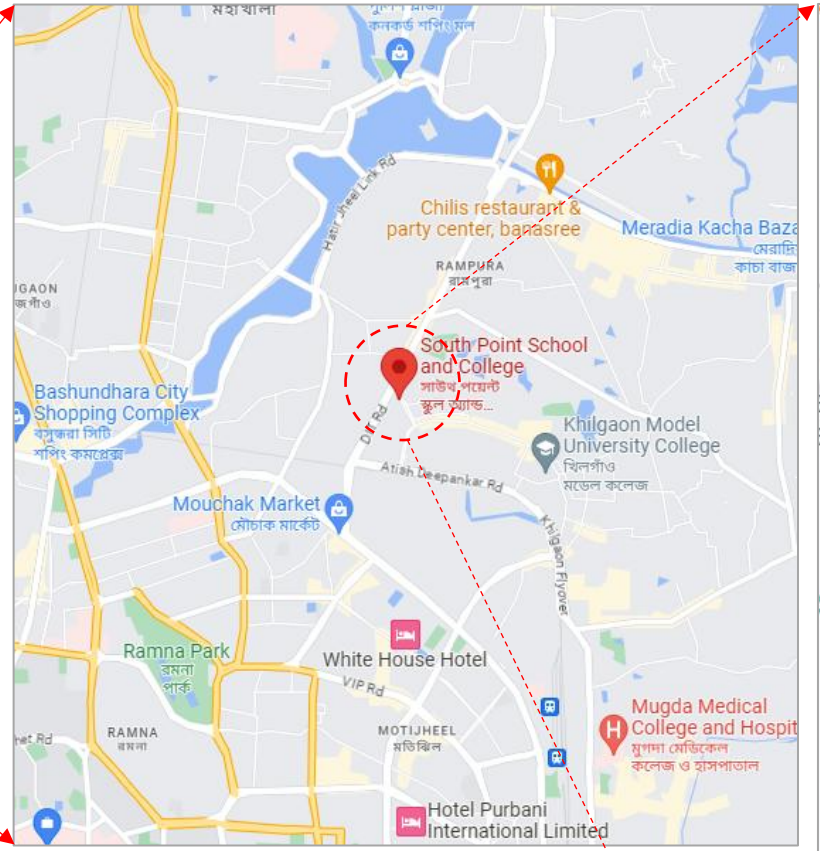
Survey Date:

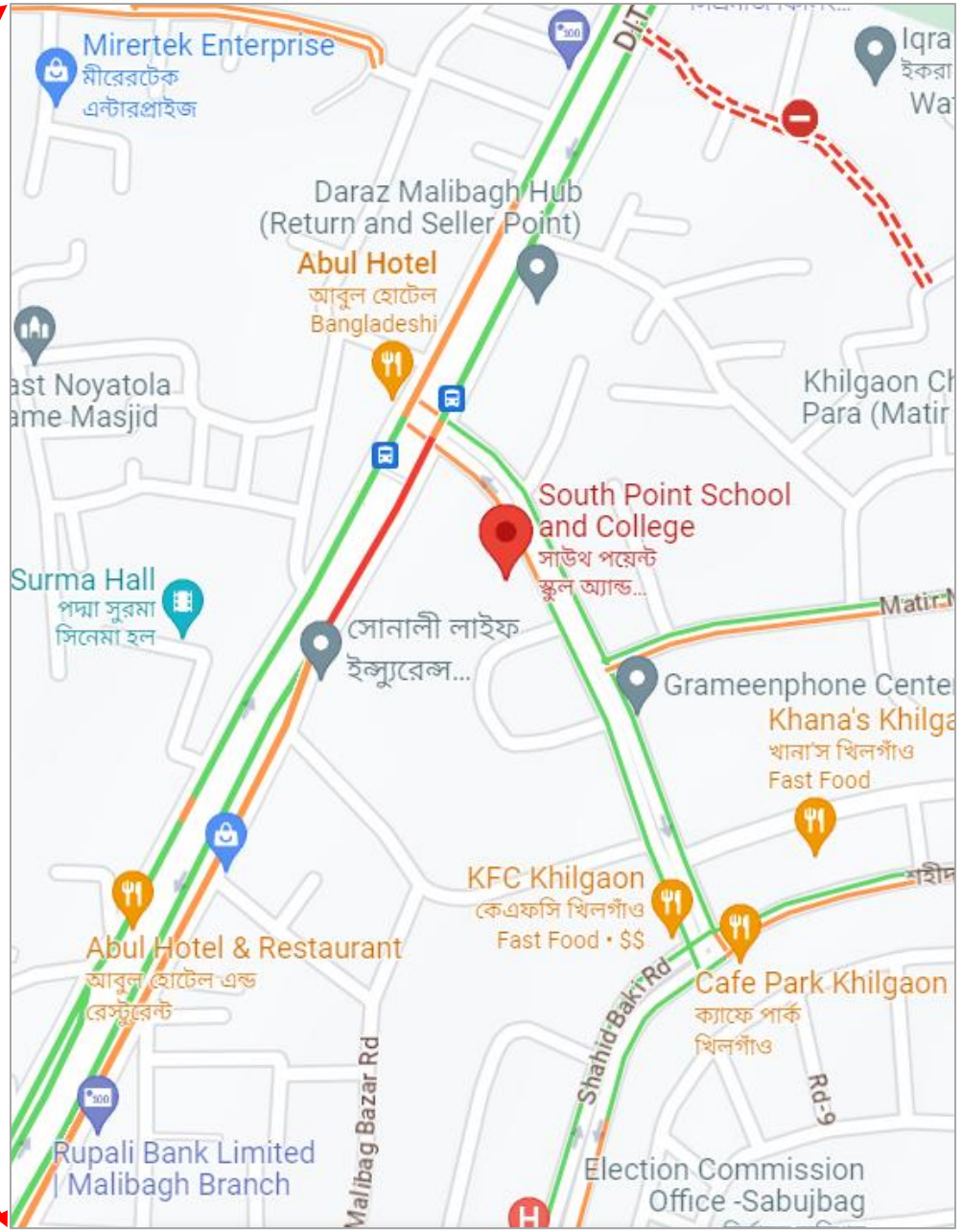
10 August 2023, Thursday

Survey Time:

11:00 AM to 1:00 PM

Location of the Site for TIA





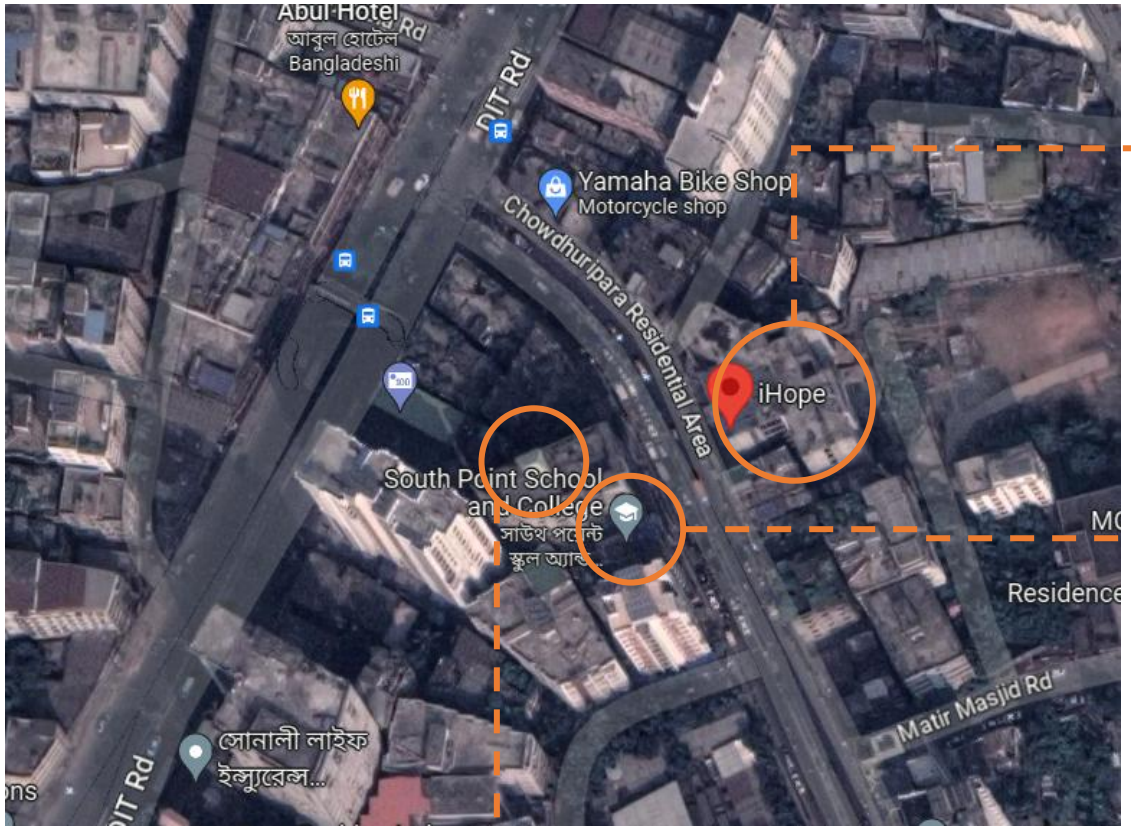
Site: South Point School and College

Location: Malibagh Chowdhury Para, Dhaka South -1219

Source: Google Map, 2023

Site: South Point School and College

Arial View of South Point School and College



Source: Google Map, 2023

School Start Time: 8:00 AM & 1:00 PM
School End Time: 11:00-12:00 PM & 4:45 - 5:00 PM

Building 1

- Six-Storied Building

Building 2

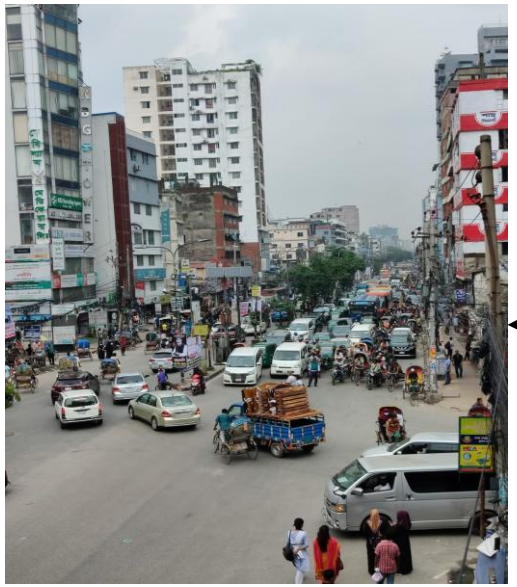
- Five-Storied Building

Building 3

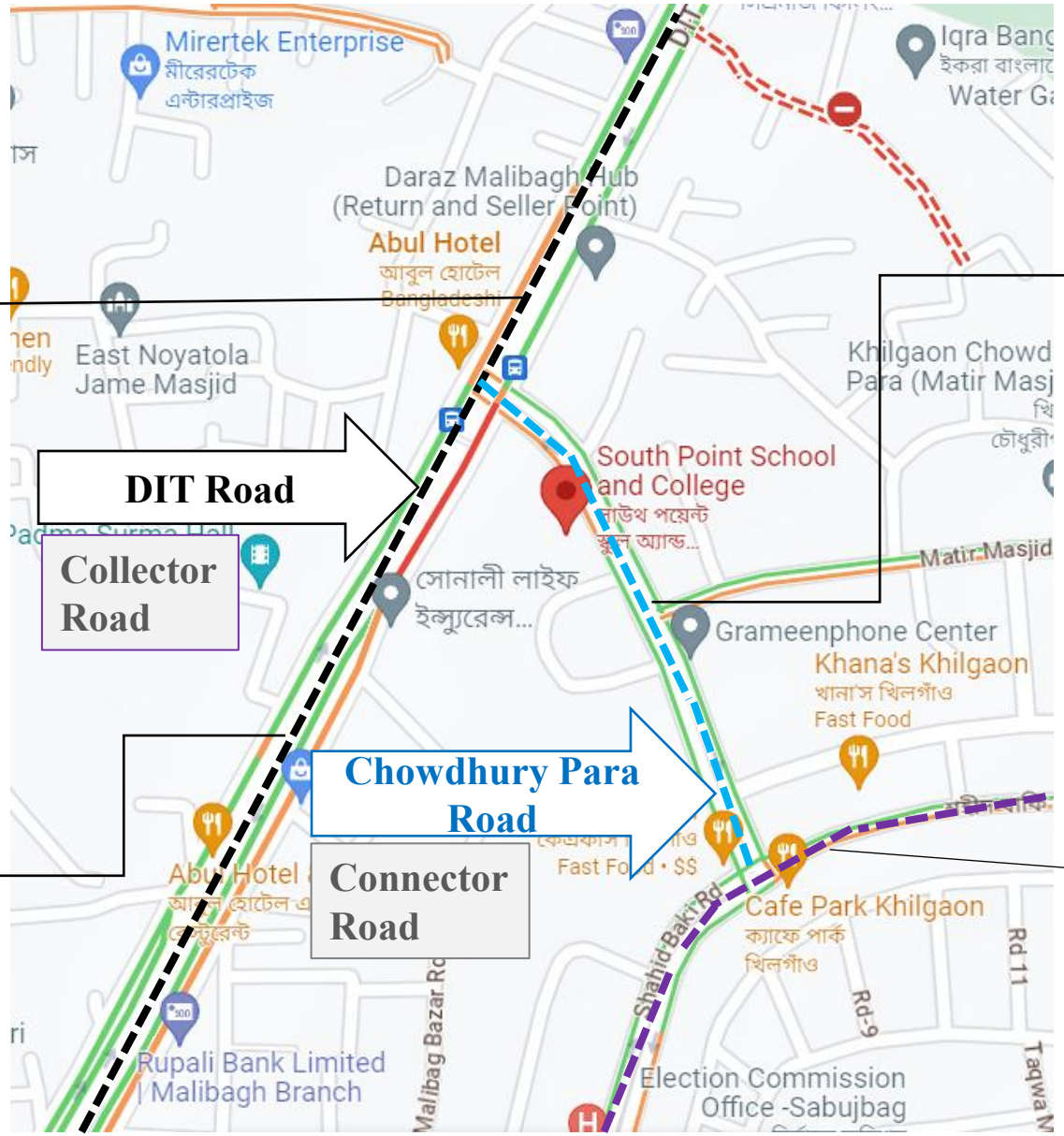
- Twelve-Storied Building

Image Source: Field Survey, 2023

Adjacent Road Network of the Site

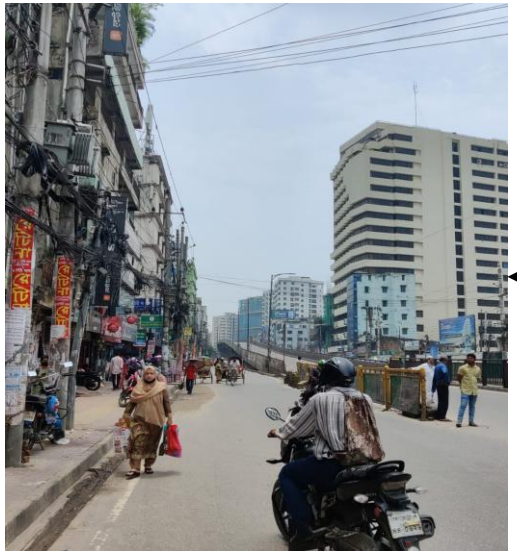


❑ DIT Road (North)

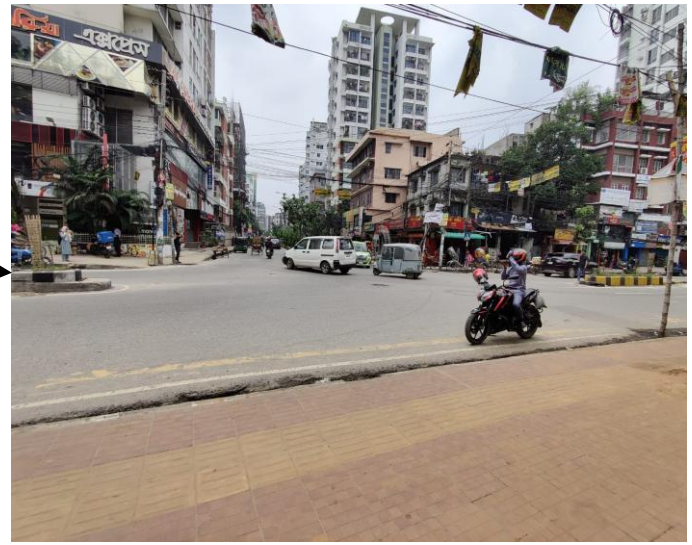


Source: Google Map, 2023

❑ Chowdhury Para Road



❑ DIT Road- South



❑ Shahid Baki Road

Image Source: Field Survey, 2023

Existing Intersections at the Site

Source: Google Map, 2023

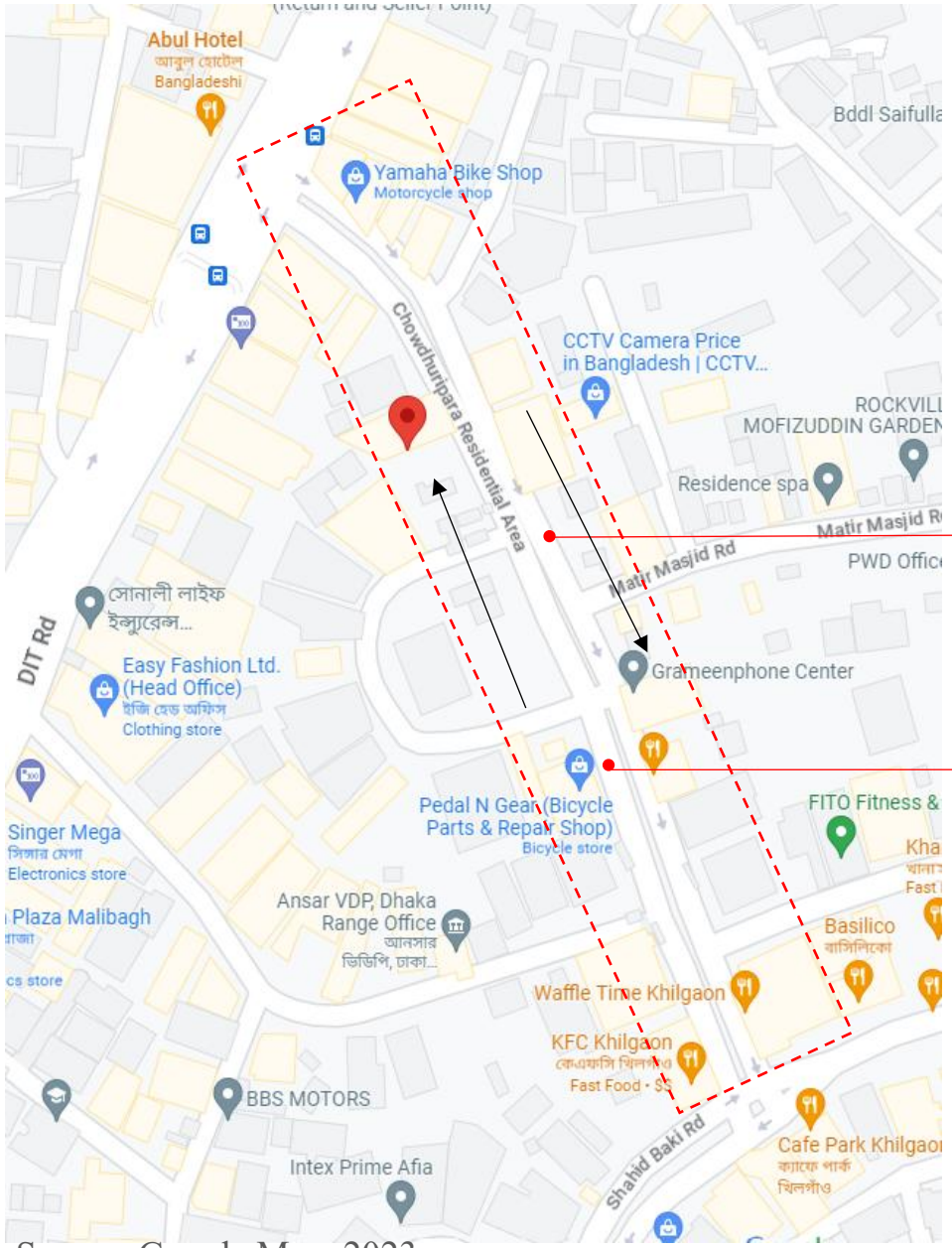
DIT Road – Chowdhury Para Road

Chowdhury Para Road – Matir Masjid Road

Chowdhury Para – Shahid Baki Road

Image Source: Field Survey, 2023

Chowdhury Para Road

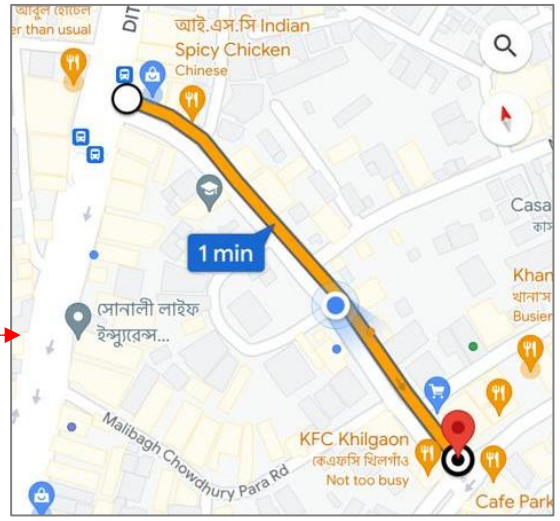


Source: Google Map, 2023

Two-way Road: Length: 985 ft **Width:** 30ft

- ❑ Presence of Median, Pedestrian Crossings, Footpath

Time: 12:30 PM



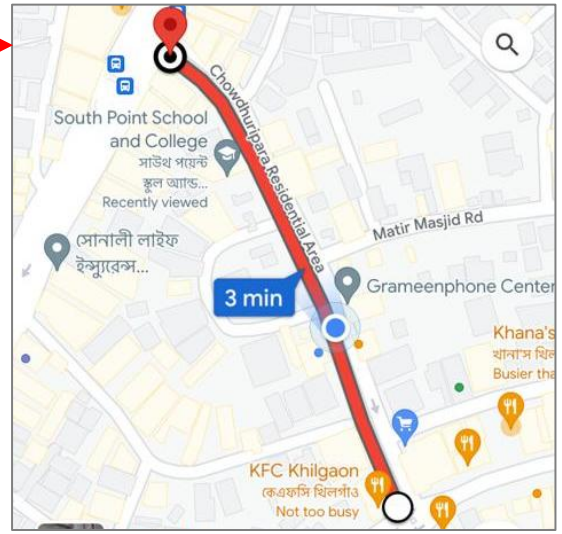


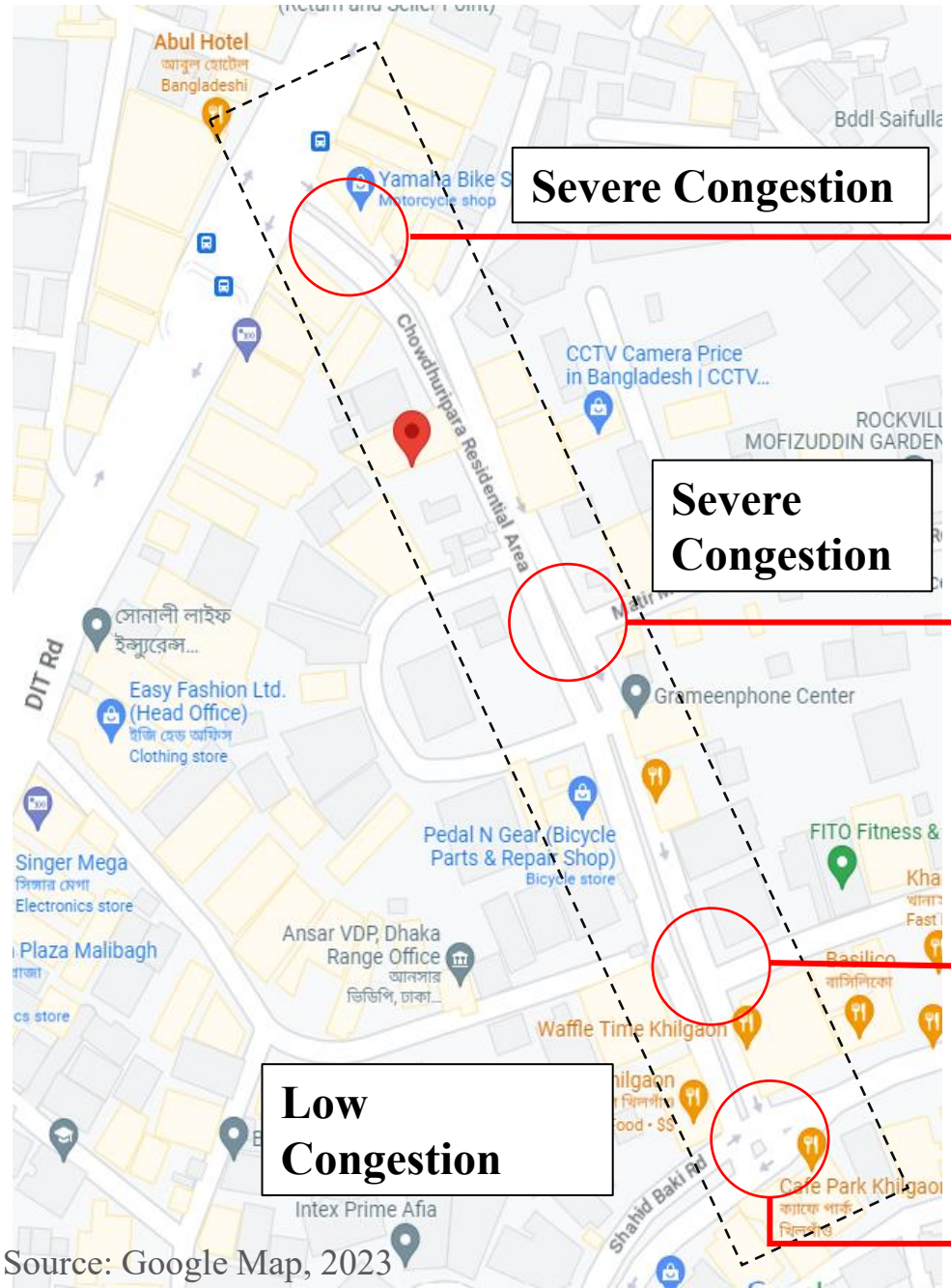
Image Source: Field Survey, 2023

- ❑ Observation: Severe Congestion Level during School Start/End Time

Chowdhury Para Road: Congestion

Image Source: Field Survey, 2023

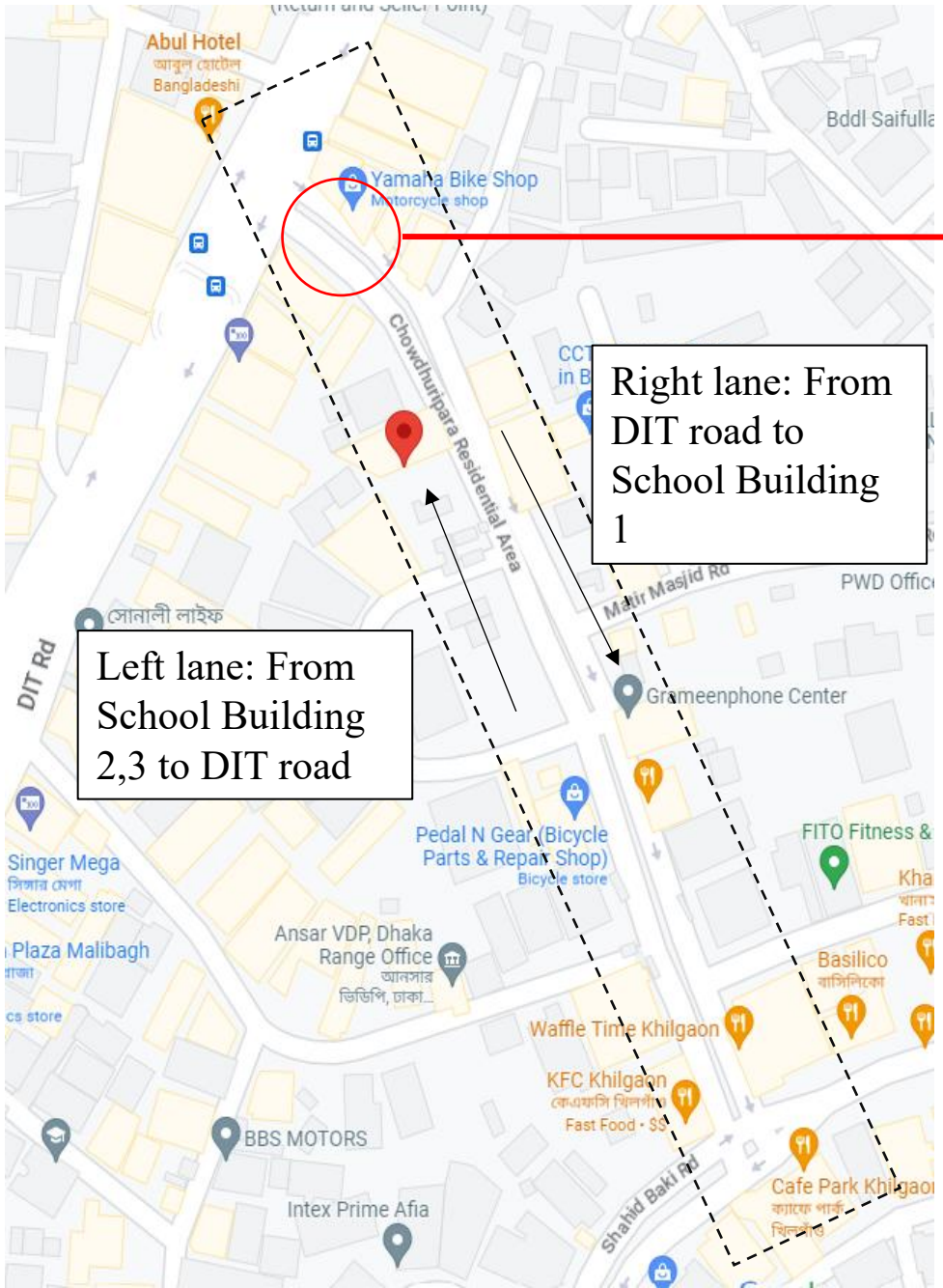
Chowdhury Para Road: Congestion at Intersections



Source: Google Map, 2023

Image Source: Field Survey, 2023

Chowdhury Para Road: Traffic Count Per Minute



Time: 12:45 PM

Mode	Left Lane	Right Lane
Car	17	7
Rickshaw	14	6
CNG	4	1
Motorcycle	12	3
Van	1	2

Source: Field Survey, 2023

Source: Google Map, 2023

Chowdhury Para Road: Footpath Characteristics

Image Source: Field Survey, 2023

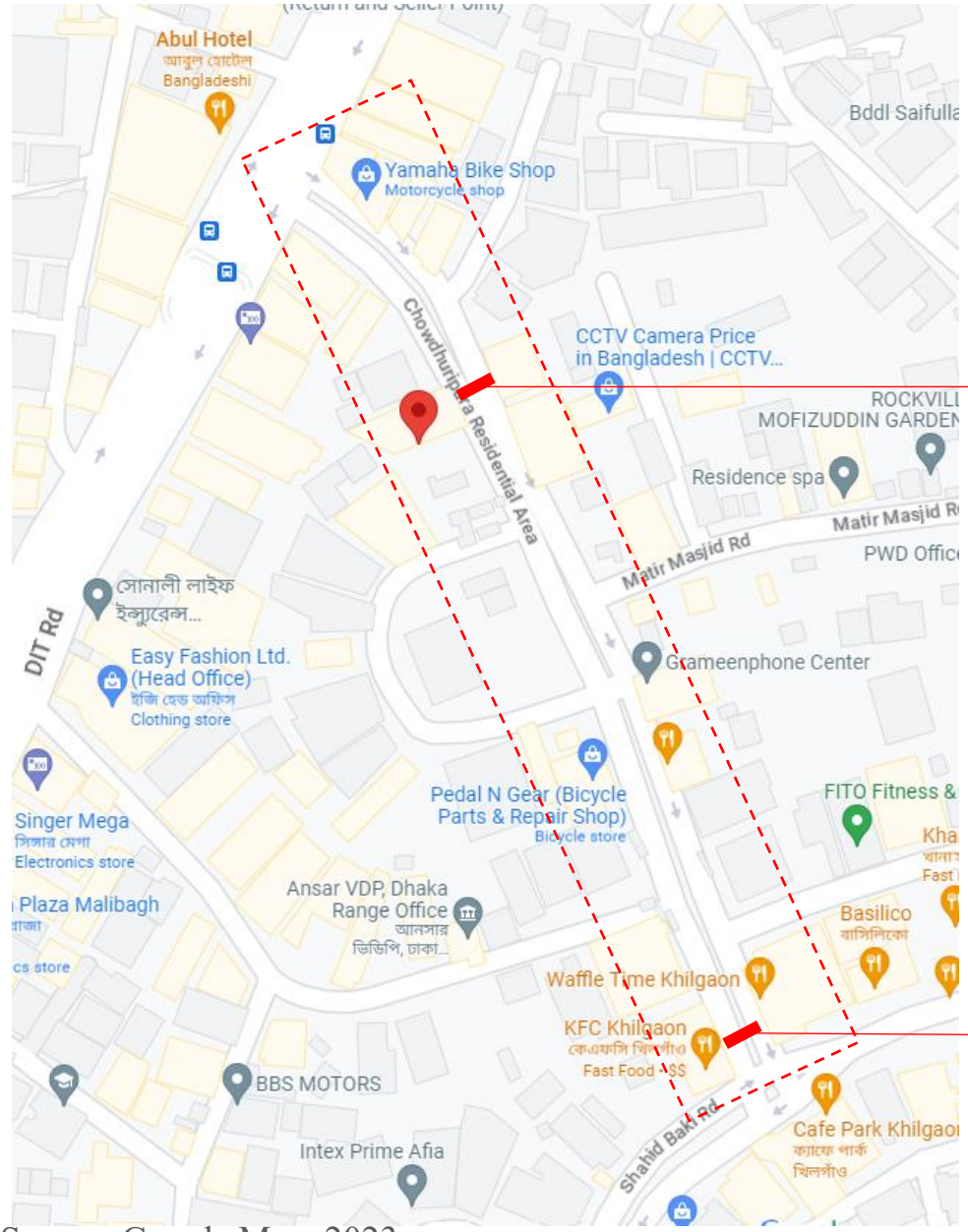
Observations:

- **Footpath Width:** 5-4ft
- **Footpath Condition:** Very Poor, Broken at Numerous Sides
- **Mobility Issue:** Narrow Footpath and Heavy Pedestrian Flow during School Start/End Time
- **Accessibility Issue**: No Provision of Ramp

Chowdhury Para Road: Street Vendors on Footpath

Image Source: Field Survey, 2023

Chowdhury Para Road: Pedestrian Crossings

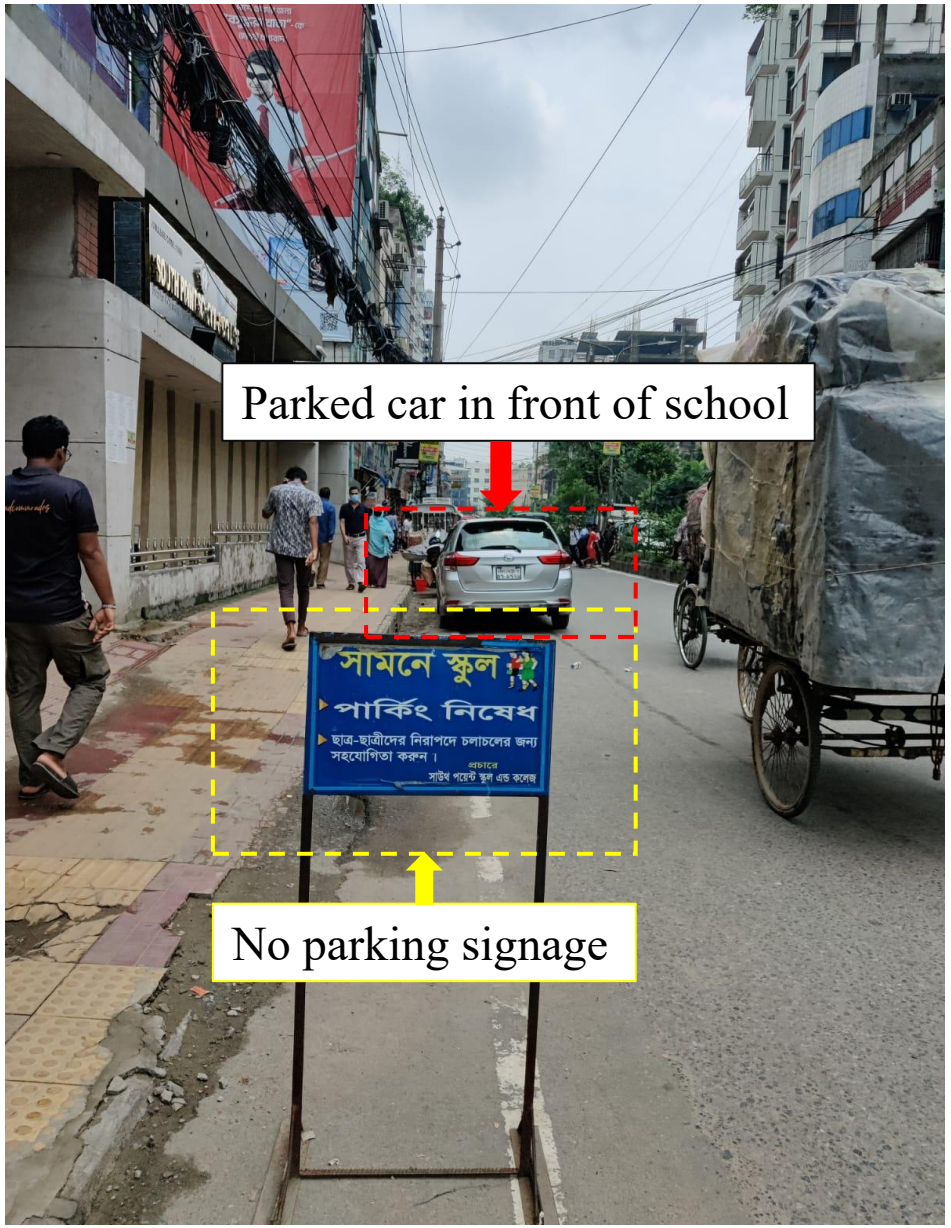


Source: Google Map, 2023

Image Source: Field Survey, 2023

- ❑ Zebra Crossing in front of the School
- ❑ Channelization

Chowdhury Para Road: Signage, Parking Facilities



Parking Prohibition is not maintained.

Image Source: Field Survey, 2023

DIT Road:

Image Source: Field Survey, 2023

- ❑ Presence of Foot over Bridge

Motorcycle Parked

No parking signage

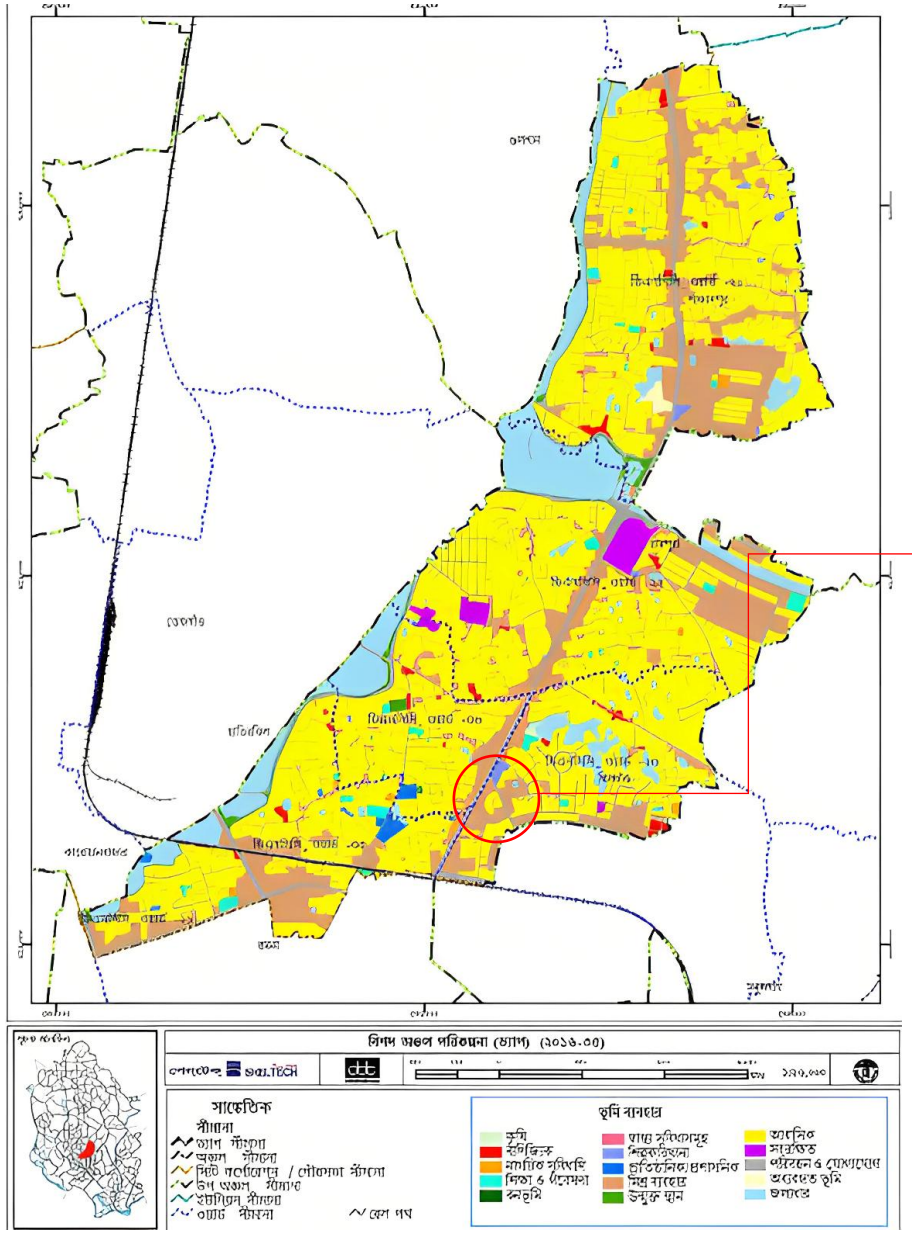
- ❑ Road Width: 90ft
- ❑ Road Type: Collector
- ❑ Presence of Footpath, Median. Plantation on median.
- ❑ Modes available: Bus, Car, Rickshaw, Microbus, Motorcycle, Truck
- ❑ No designated bus stoppage
- ❑ **Accessibility Issue**: No Provision of Ramp

DIT Road: Intersection

Image Source: Field Survey, 2023

- No lane marking
- No digitalized signal
- No Channelization

Land use of the Site for TIA



Mixed Use

Residential

Industries/Commercial

Source: Draft DAP, 2016