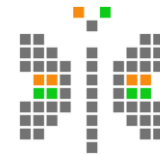


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Existing Situation Report
Jayveer Society to Parvat Patia Junction,
Surat

Surat Smart City Limited

Surat, Gujarat

September, 2016

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STREET FROM PARVAT PATIYA JUNCTION TO JAYVEER SOCIETY, ARCHANA ROAD SURAT

1. Introduction

The stretch starts from Parvat Patiya Junction and ends at Jayveer Society. The stretch is properly known as Archana School Road. The length of the stretch is around **0.7 KMS** and is 24 Mtrs wide.. The character of the street is Mixed, i.e; there are pockets of commercial, residential and institutional building usage. Upcoming Amazia Amusement Park lies near to this road. Major junctions on this stretch are Krishna Circle and Parvat Patiya Junction. The stretch has footpath on both side of the road.

The stretch has no major traffic problem, the traffic movement is smooth.

2. Facts about the Street

Some of the salient notable facts about the road

Features	
Carriage Way	<p>The Road is an Arterial Road with 4 lanes. Total right of way 24 metres and lane width is around 3.5 mtrs metres. The condition of the carriage way is good.</p> <p>Type of Road</p> <p>Width of ROW: 24 metres</p> <p>Type of Carriageway: Dual</p> <p>Width of Carriageway: 10.5 meters</p> <p>Lane Marking: Yes</p> <p>Number of Marked Lanes: 4</p> <p>Width of Each Lane: 3.5 meters</p> <p>Condition of Carriageway: Good (<i>refer photo no:1</i>)</p>
Speed Regulating Mechanism (SRM)	N/A

Median Details	<p>The width of the median is around 0.90 Mtrs</p> <p>Width(cms) : 90 cms</p> <p>Height (cms): (35 -50) cms</p> <p>Material Used in median: The material used in median is Cement concrete</p> <p>Condition of the Median: Good</p> <p>Is there any fence: The fence height is around (0.50) mtrs</p> <p>Material of fence: The fence is constructed out of Metal</p>
Storm Water Drainage Infrastructure	<p>Storm water drainage is absent along the roads, all the services are underground. The drainage is proper in the road as no incidence of flooding ever been reported by the locals. There is presence of Drainage chambers/ Grit chamber.</p>
Footpath and Pedestrian Facilities	<p>The footpath is present on both the sides.</p> <p>Width:(1.0-1.2)Mtrs</p> <p>Height: (0.25-0.20)Mtrs</p> <p>Material used: The material used is cement concrete</p> <p>Texture: Rough and is in good condition</p> <p>The kerb stone is installed along the road and the height is 0.25 mtrs. The footpath is not continuous and is obstructed by Trees, distribution board, property owners, parking etc. The footpath is uniform without ruts or ditches.</p> <p>(refer photo no: 3, 5)<i>for discontinuity of footpath.</i></p>
Lighting	<p>The lighting is provided on the Median. There is almost regular spacing between the electrical lighting poles. The spacing is around 30 mtrs</p> <p>Spacing of poles: 30meters</p> <p>Height of poles: 12 meters</p> <p>(refer photo no: 2, 7)<i>for spacing of light poles</i></p>
Pedestrian Crossings	<p>Pedestrian Crossings are provided at places. All the pedestrian crossings are at grade.</p> <p>Interval of pedestrian crossing: Irregular (refer photo no: 23, 16, 12)<i>for irregularity of pedestrian crossing.</i></p>

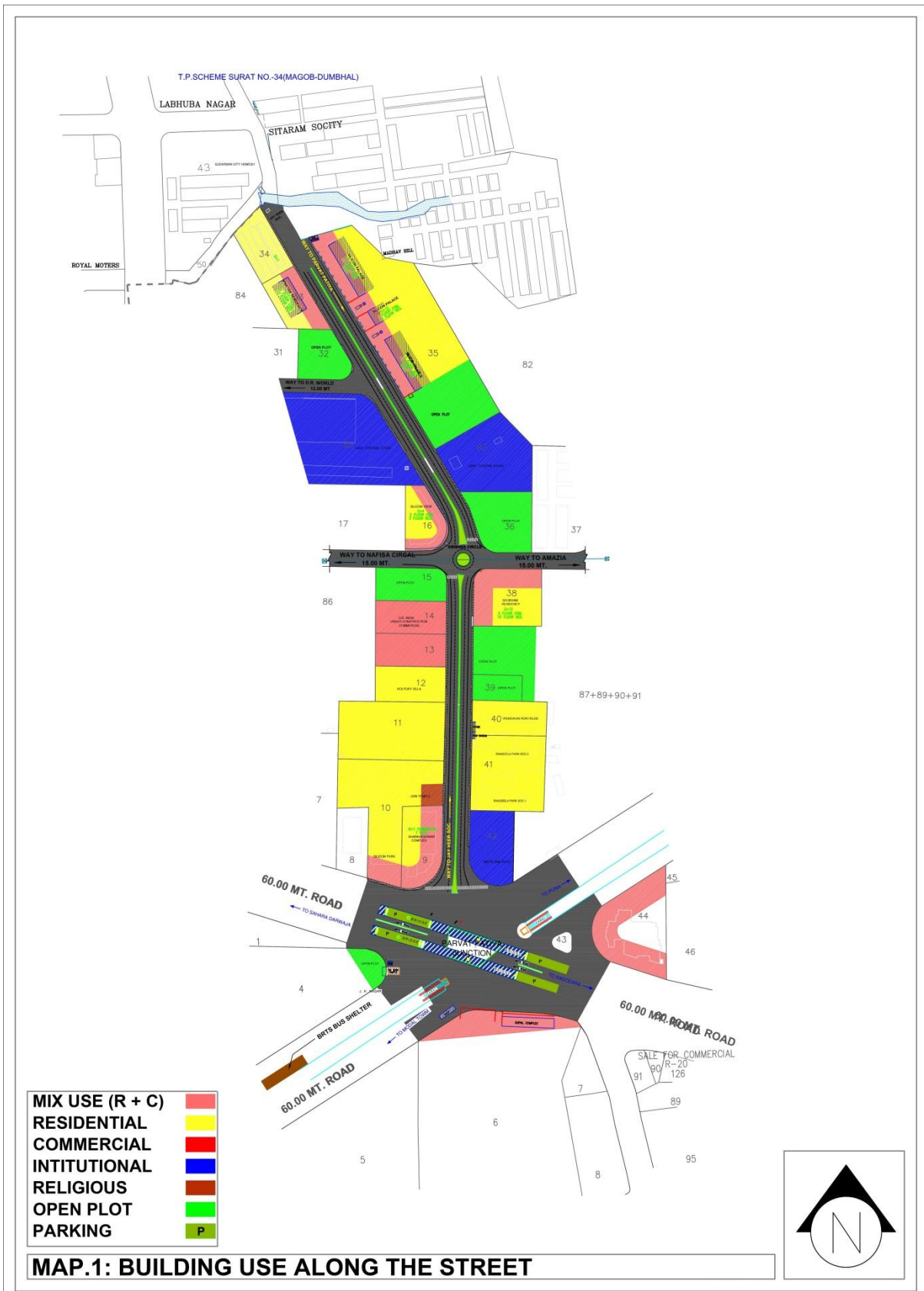
	<p>Type of crossing: At grade and has Zebra crossing</p> <p>Caution signs near pedestrian crossing: Not available</p> <p>Are there gaps in median barricades at pedestrian crossing: Yes</p> <p>Priority to pedestrians at junctions: Yes</p> <p>Footover bridge / subway: Not available</p> <p>Disable friendly facilities: Not available</p>
Street Signage	<p>Location of street signage's: There are bill boards provided at Parvat Patiya Junction. There is presence of area guide boards for societies. (<i>Refer map no.3</i>)</p> <p>Height of Signage: 2.5 Mtrs</p> <p>Visibility of signage: Clear</p> <p>Condition of signage: faded</p> <p>Weather roads have proper signage near intersection: No</p> <p>Marking at intersections for vehicular movement give route information: Yes</p> <p>Is the signage visible at night : Yes</p> <p>Any hindrance to traffic signage: trees</p>
Trees and Street Furniture	<p>There is no planned street furniture on the street. Trees, poles and signage are located randomly on the footpath.</p> <p>Dustbins on footpath: Not available</p> <p>Trees on footpath: No</p> <p>(<i>refer photo no: 11, 6, 5</i>)<i>for tress on footpath</i></p> <p>Diameter of tree trunk: (1.0 -1.50) meters</p> <p>Shrubs along median: yes</p> <p>Benches along footpath: No</p> <p>Obstructions on footpath: Parking, poles, distribution boards and trees. (<i>refer photo no: 6, 4</i>)<i>to depict obstructions on footpath</i></p>
Intersections	<p>The intersection is at grade However, there is a zebra crossing to facilitate pedestrian movement</p> <p>Type of junction: At grade</p>

	<p>Sub-type of at-grade junction: unmanned</p> <p>Provision of pedestrian movement along the junction: No</p> <p>Is there any special treatment at intersection: To create segregation between BRT and Traffic movement a partition wall of 0.6 Mtrs is provided.</p> <p>Whether any provision of pedestrian movement in traffic signals available? No</p> <p>Condition of signal: N/A</p> <p>Hindrance to traffic signals: N/A</p>										
Traffic Nodes	<p>Nodes along the street: A bus stop is present at Parvat Patil Junction.</p> <p>Shade at the node: Yes</p> <p>Seating facility: Yes</p> <p>Condition of seating: Maintained</p> <p>Public washroom facility: Not available</p> <p>Water facility at public washroom: Not available</p> <p>Separate facility for Men and Women in public washroom: No</p>										
Parking	<p>There is Pay and Park system below the bridge at Parvat Patil Junction. Around 150 four wheelers and around 500 two wheelers are parked below the flyover bridge.</p> <p>Rest of the parking is along the road in the stretch, although this not designated parking. (<i>refer map no.1</i>)</p>										
Land Use	<p>The landuse is mixed with commercial usage in the lower floors and residential usage in the upper floors. The building usage is primarily commercial with religious buildings. There are few municipality stores as well in the stretch</p>										
Street Vending	<p>Vendors sites demarcated on map.</p> <table border="1"> <thead> <tr> <th>Time</th> <th>Total Vendors</th> <th>Wares Sold</th> <th>Number of handcarts</th> <th>Number without handcarts</th> </tr> </thead> <tbody> <tr> <td>Till 1200</td> <td>10-15</td> <td>Fruits and</td> <td>5-6</td> <td>3-5</td> </tr> </tbody> </table>	Time	Total Vendors	Wares Sold	Number of handcarts	Number without handcarts	Till 1200	10-15	Fruits and	5-6	3-5
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Till 1200	10-15	Fruits and	5-6	3-5							

	hrs		vegetable		
	1200 – 2000 hrs				
	Fruits and vegetable	10-15	Fruits and vegetable	10-12	

ANNEXURE: 1

ANNEXURE-1: MAPS OF EXISTING FEATURES

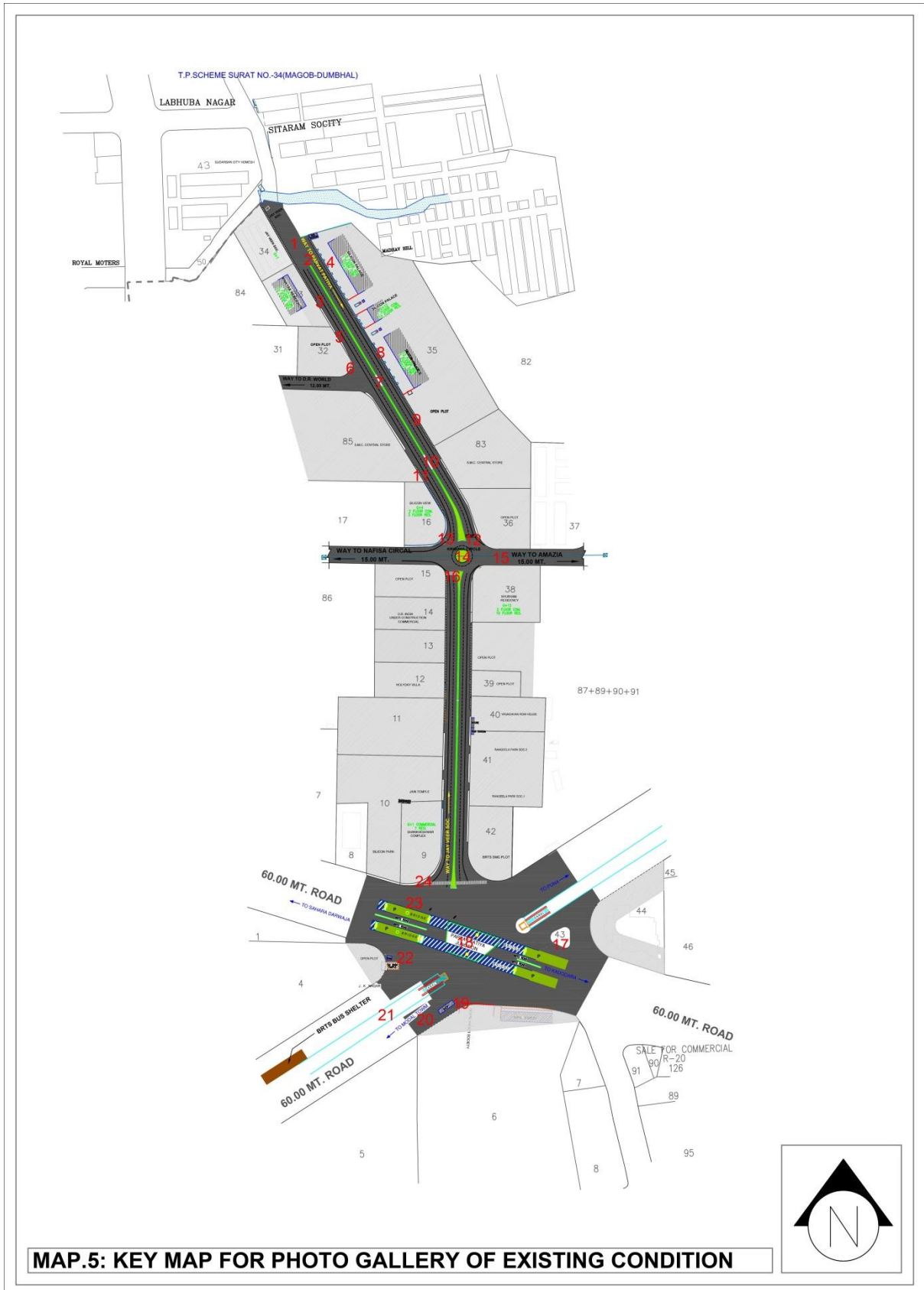


ANNEXURE:1



ANNEXURE: 2

ANNEXURE-2: PICTURE GALLERY OF EXISTING FEATURES



ANNEXURE: 2



01-CONDITION OF CARRIAGEWAY.jpg



02-WIDTH OF CARRIAGEWAY.jpg



03-STORM WATER DRAIN.jpg



04-DESIGNATED PARKING.jpg



05-ENCROACHED FOOTPATH.jpg



06-TREE ON FOOTPATH-OBSTRUCTION.jpg



07-ROAD MARKING.jpg



08-PARKING ALONG ROAD.jpg

ANNEXURE: 2



09-CONDITION OF FOOTPATH.jpg



10-METAL FENCE AT MEDIAN.jpg



11-CONDITION OF FOOTPATH.jpg



12-PEDESTRAIN CROSSING.jpg



13-MEDIAN AT INTERSECTION.jpg



14-KRISHNA CIRCLE.jpg



15-STREET LIGHTS.jpg



16-PEDESTRAIN CROSSING.jpg

ANNEXURE: 2



17-OBSTRUCTED ROAD.jpg



18-TRAFFIC NODE.jpg



19-DUSTBINS ALONG THE FOOTPATH.jpg



20-PARKING AUTO STAND.jpg



21-BRTS-STATION.jpg



22-TREE ALONG THE ROAD.jpg



23-CONDITION OF ZEBRA CROSSING.jpg



24-BILLBOARDS.jpg