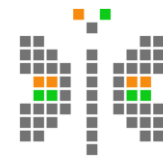


# Make Your City Smart



**Smart City**  
MISSION TRANSFORM-NATION

**Existing Situation Report**

**BRTS Chowk,**

**Surat**

**Surat Smart City Limited**

**Surat, Gujarat**

**, 2016**

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# BRTS CIRCLE ON KINNARY CINERMA TO BHATHENA CREEK ROAD, SURAT, GUJARAT

## 1. INTRODUCTION

The street junction selected is an active chowk. The junction is located at the intersection of 24 meters wide Kinnary cinema road to Bhathena Creek Road 60 meters wide Parvat Patia Canal Road.

The area around the Junction has commercial usage and pockets of residential areas. The major BRTS runs along the 60.0 wide road.

The 24.0 mtr wide road has foothpath on both the sides whereas the 60.0 meter wide stretch has no foothpath. There is a high tension line also running along the 24.0 meter wide road

## 2. Facts about the Junction

Some of the salient notable facts are given in table mentioned below

Features	Status as on Date
<b>Carriage Way</b>	<p>The circle lies on the confluence of 24.0 Meter wide road and 60.0 meter wide road. The 24.0 meter wide road is heading towards Bhathena Creek, whereas the 60.0 meter wide road is Parvat Patia road.</p> <p><b>Type of Road:</b> Arterial Road</p> <p><b>Width of ROW:</b> 24.0 meter wide road and 60.0 meter wide road</p> <p><b>Type of Carriageway:</b> Dual carriageway on all side</p> <p><b>Width of Carriageway:</b> The width of carriageway is 10.0 Mtrs on 24.0 Wide meters road</p> <p><b>Lane Marking:</b> There is no Lane Marking</p> <p><b>Number of Marked Lanes:</b> N/A</p> <p><b>Condition of Carriageway:</b> Good (<i>refer photo no: 2, 7, 8</i>)</p>
<b>Speed Regulating</b>	There is no presence of Speed regulating mechanism

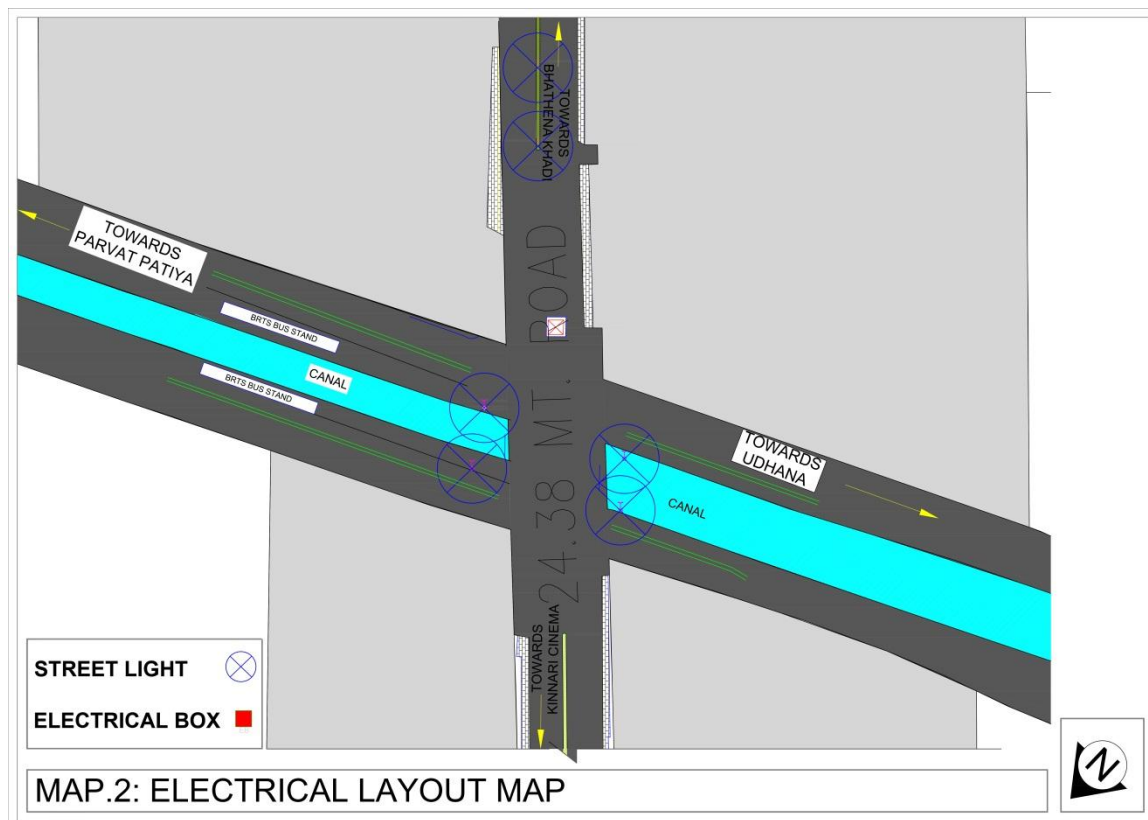
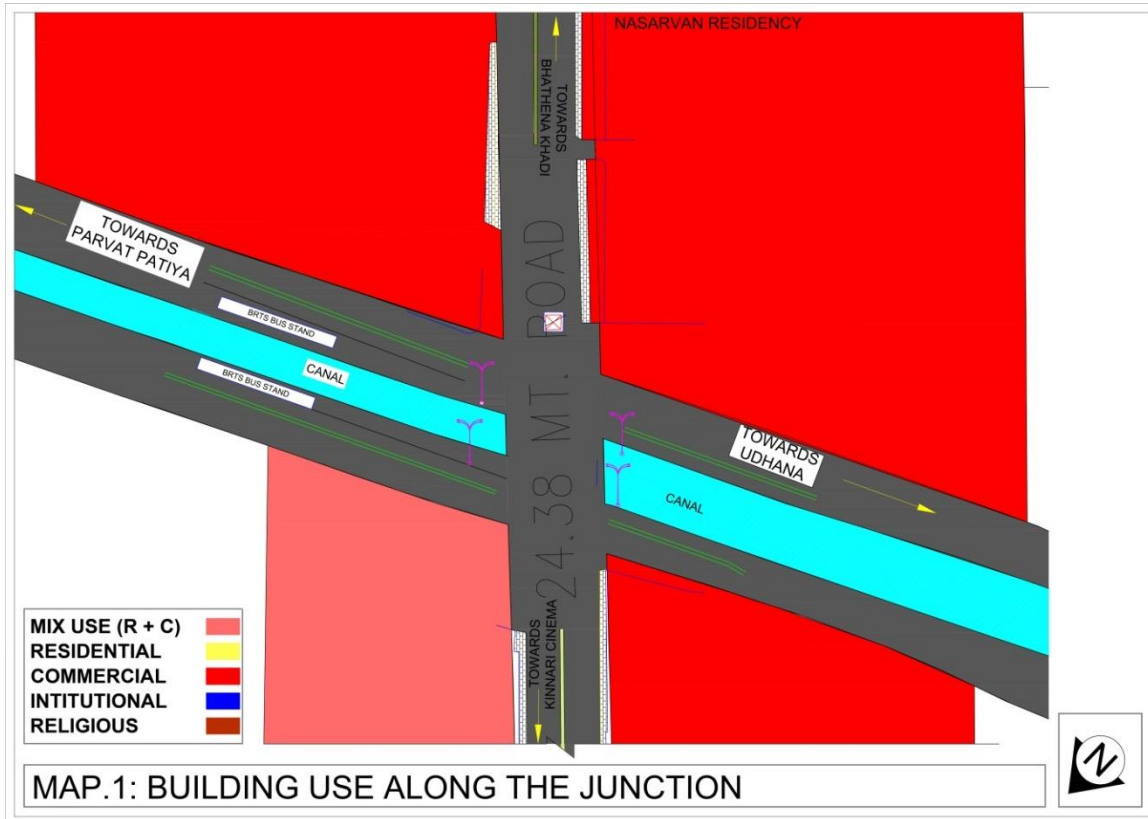
<b>Mechanism (SRM)</b>	around the Junction
<b>Median Details</b>	<p>The Median is present only on 24.0meter wide Bhatena Creek road. The 60.0 Meter wide road has BRTS corridor.</p> <p><b>Width (cms);</b> 1 mtrs</p> <p><b>Height (cms):</b> (0.4-0.5)mtrs</p> <p><b>Material of median :</b> Cement concrete</p> <p><b>Condition of Median :</b> The median is broken at certain location</p>
<b>Storm Water Drainage Infrastructure</b>	Strom water drainage are present on both the sides of road and are underground. There are grit chambers also available.
<b>Footpath and Pedestrian Facilities</b>	<p>The Footpath is present along the 24.0 meter wide road .</p> <p><b>Width :</b> 1.2 Meters</p> <p><b>Height:</b> (0.18 - 0.20) Meters</p> <p><b>Material Used:</b> The material used is cement concrete.</p> <p><b>Texture:</b> The texture is rough and is in broken condition</p> <p>The footpath has no kerb stone along the footpath. The footpath is obstructed by Electrical distribution board, Property owners, parking and trees.</p> <p>( refer photo no: 8 )</p>
<b>Lighting</b>	<p>The Lighting poles are provided along the median in 24.0 meter wide along median, and 60.0 MTRS along BRTS Corridor</p> <p><b>Spacing of poles:</b> 30 meters</p> <p><b>Height of poles:</b> 8 meters ( refer photo no: 6, 5, 2 )<i>for spacing of light poles</i></p>
<b>Pedestrian Crossings</b>	<p>No Pedestrian Zebra Crossings are provided .</p> <p><b>Interval of pedestrian crossing:</b> Irregular</p> <p><b>Type of crossing:</b> At grade</p> <p><b>Caution signs near pedestrian crossing:</b> Yes</p> <p><b>Priority to pedestrians at junctions:</b> NO</p>

	<p><b>Foot over bridge / subway:</b> Not available</p> <p><b>Disable friendly facilities:</b> Not available</p>
<b>Street Signage</b>	<p>The street signage's are available on BRTS corridor, Bill boards are present at a height of 8-12 Mtrs. The condition of the signages is maintained. All the signages are visible at night.</p>
<b>Trees and Street Furniture</b>	<p>There is no planned street furniture on the street. Trees are located along the road.</p> <p><b>Dustbins on footpath:</b> Not available</p> <p><b>Has segregation of bio and other waste been done?</b> No</p> <p><b>Trees on footpath/ Median:</b> yes</p> <p><b>Diameter of tree trunk – (1.0- 1.5) Mtrs</b></p> <p><b>Is the height of the tree more than the street light pole?</b> Yes</p> <p><b>Spread of the tree foliage:</b> (0.6-1.0 )meters</p> <p><b>Shrubs on the median:</b> No</p> <p><b>Benches along footpath:</b> Not available</p> <p><b>Are there any billboards along the footpath?</b> Yes</p> <p><b>Obstructions on footpath:</b> Parking, distribution boards and trees are obstructions at certain places. (<i>refer photo no: 8, 3)to depict obstructions on footpath</i>)</p>
<b>Intersections</b>	<p>The intersection are at grade</p> <p><b>Type of junction:</b> round about</p> <p><b>Sub-type of at-grade junction:</b> signal</p> <p><b>Provision of pedestrian movement along the junction:</b> no. A signage for pedestrian movement is visible.</p> <p><b>Condition of signal:</b> There are traffic signals present.</p>
<b>Traffic Nodes</b>	<p>There is a bus stop (<i>refer photo no: 1, 2, 6, 7</i>)</p> <p><b>Does the node have shade;</b> yes</p> <p><b>Does the node has seating facility :</b> yes</p> <p><b>Does the public washroom facility available:</b> Not available</p>

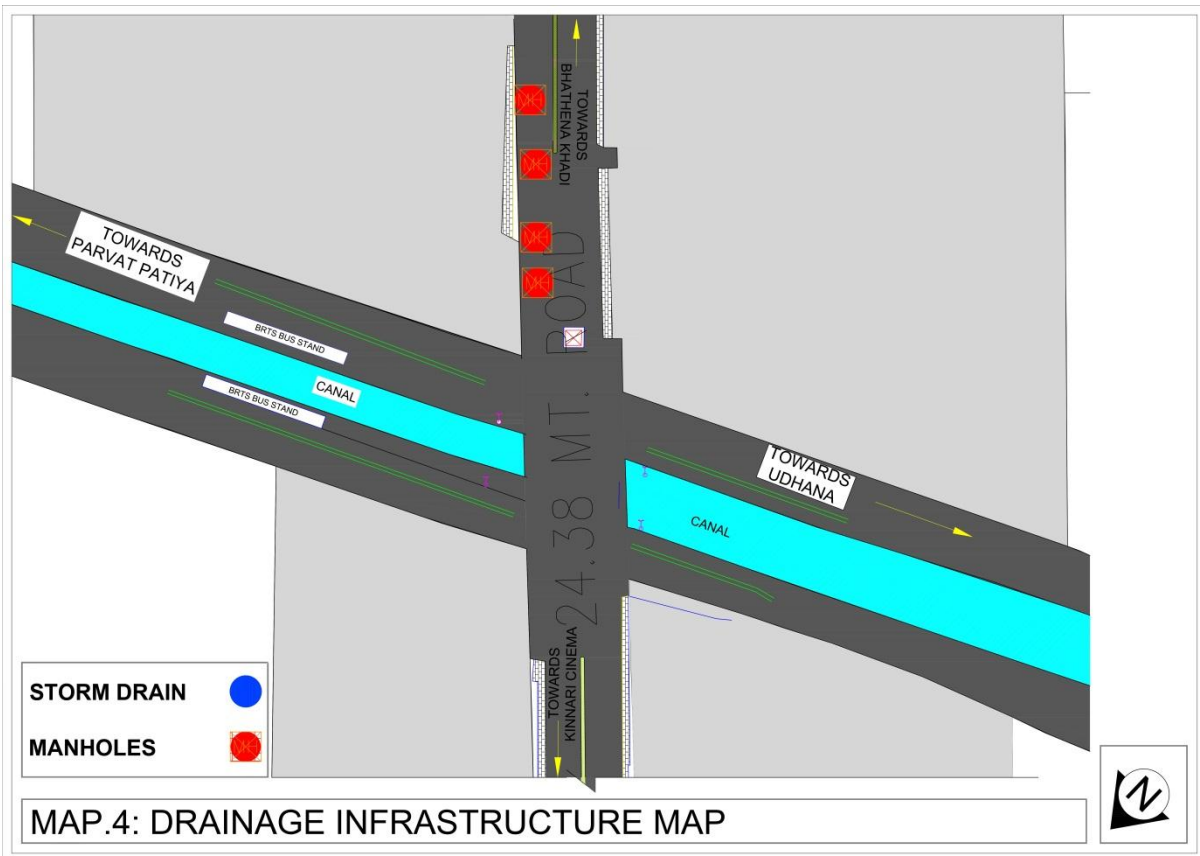
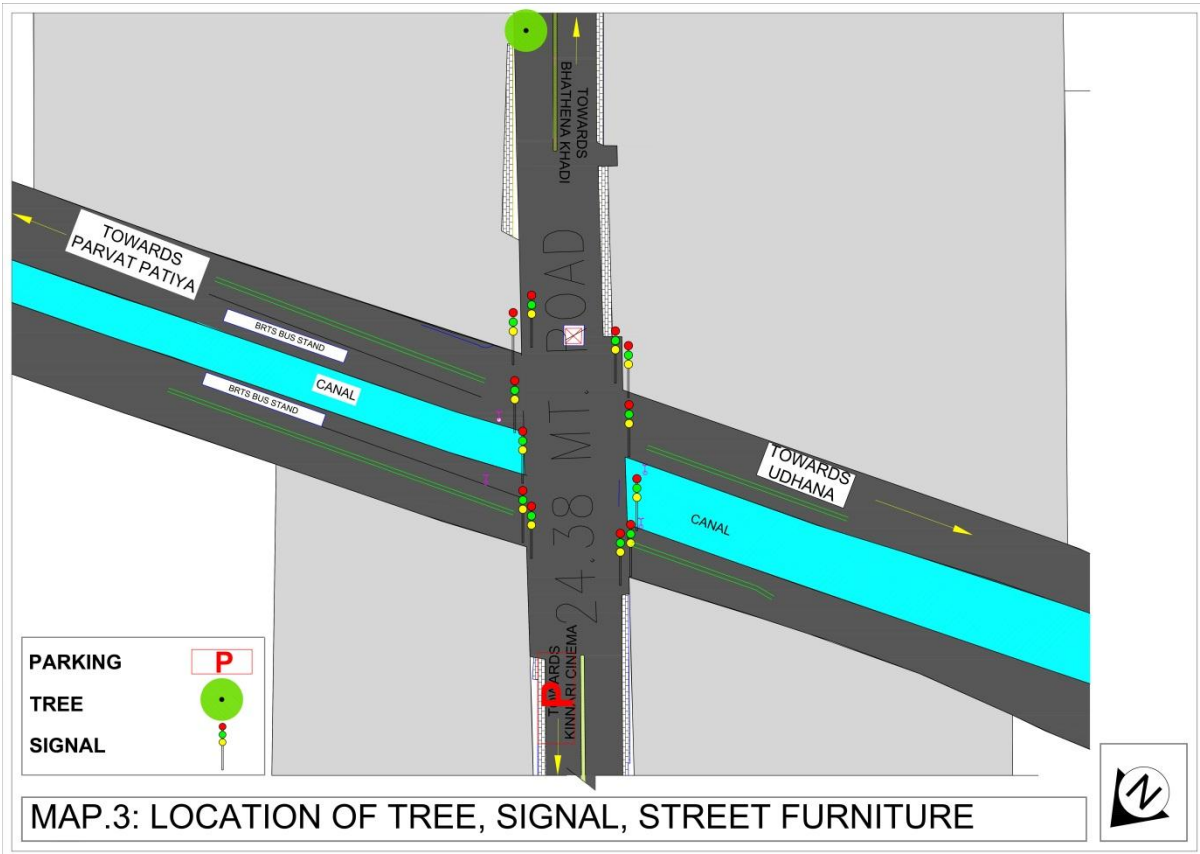
<b>Parking</b>	There is parking along road
<b>Land Use</b>	The Junction has mixed landuse ( Refer Map No: 1)
<b>Street Vending</b>	There are no street vendors in the junction.

# Annexures: 1

Annexure 1: Map of Existing Features



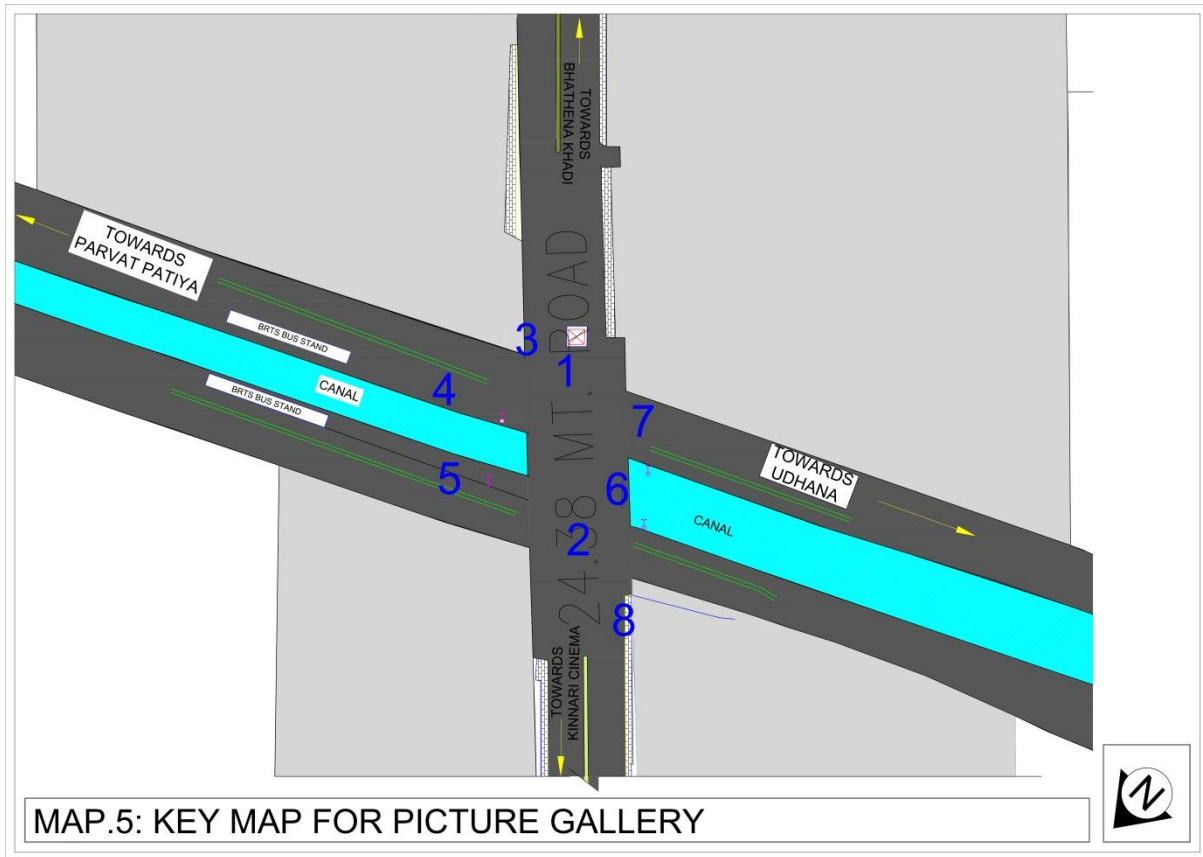
Annexure: 1





# Annexures: 2

## Annexure 2: Picture Gallery of Existing Features



Annexure 2



01-TRAFFIC NODE & OBSTRUCTION.JPG



02-CONDITION OF CARRIAGEWAY.JPG



03-GARBAGE DISPOSAL AREA.JPG



04-BUS STOP\_BRTS.JPG



05-SPACING OF LIGHT POLES.JPG



06-TRAFFIC NODE.JPG



07-CONDITION OF ROAD.JPG



08-FOOTPATH PEDESTRAIN FACILITY.jpg