

Bhopal Smart City – GIS Gateway

SMART CARE

SMART ENERGY

SMART SOCIETY

SMART OFFICE

SMART MOBILITY

SMART SPACE

Citizen Portal

Emergency Portal

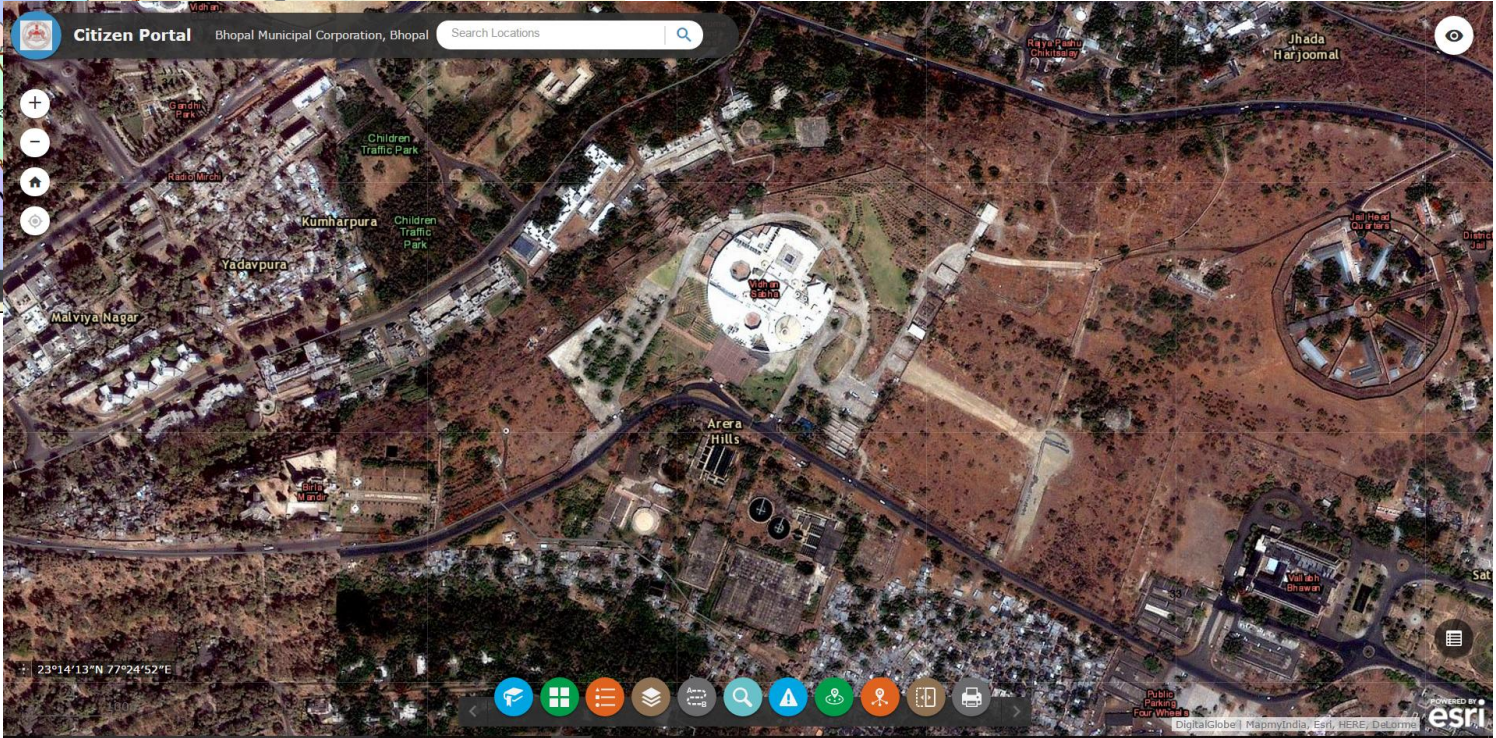
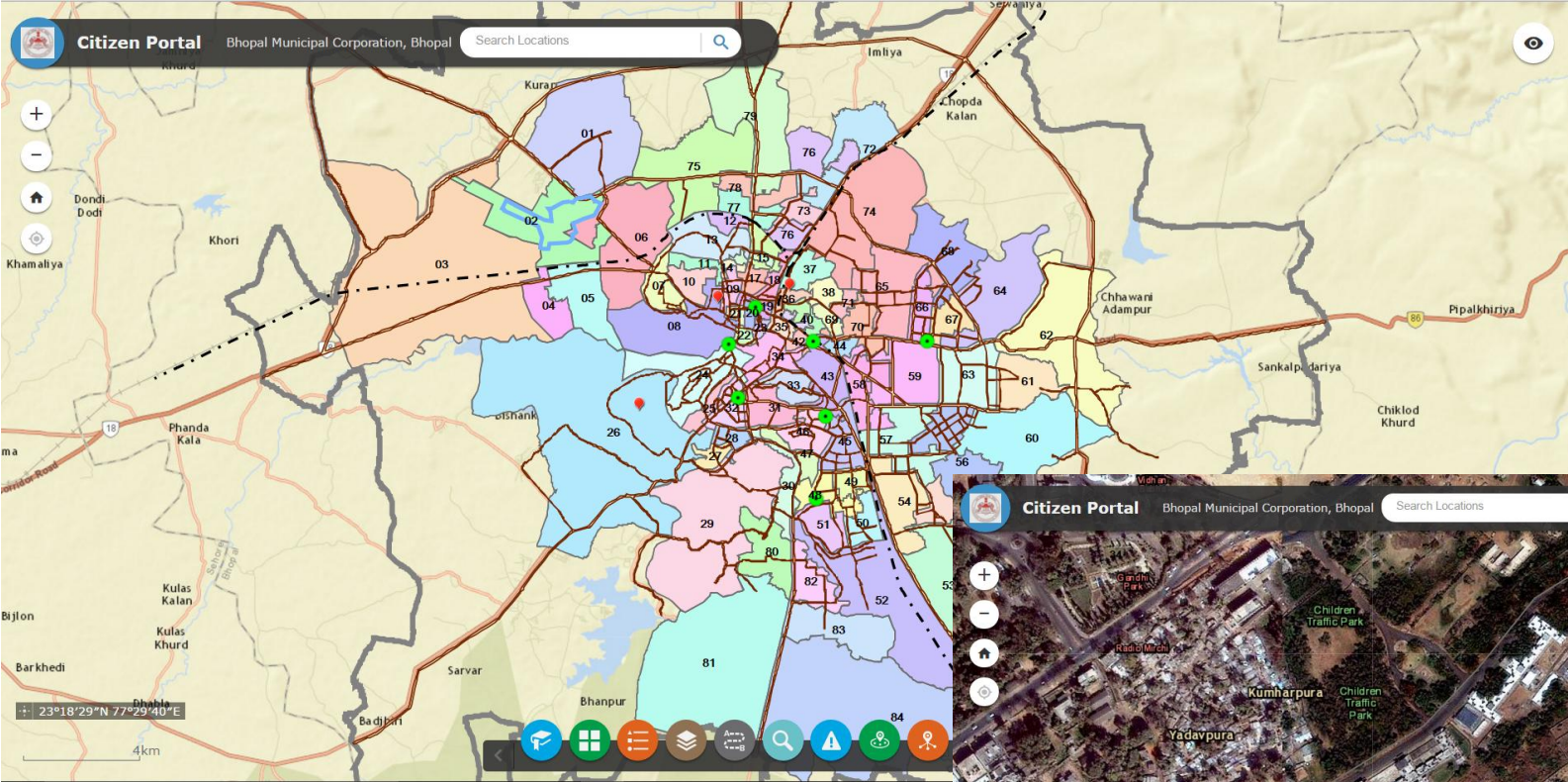
Geodesign

Water Leak Management Portal

A new information regime' supporting Smart Development & Management !


Bhopal Municipal Corporation

Citizen Portal



Citizen Portal - Location Search

The image shows a web-based map interface for the Bhopal Municipal Corporation. At the top left, there is a logo and the text "Citizen Portal Bhopal Municipal Corporation, Bhopal". A search bar labeled "Search Locations" is positioned at the top center. The map displays various colored zones and landmarks in Bhopal, including areas like Arwaliya, Imliya, Kurari, and Khori. A popup window titled "(1 of 10)" is open over a specific location, displaying the following information:

- Description:** Lower Lake was built in 1794 to beautify the city. The construction was commissioned by Chote Khan, a minister of Nawab Hayat Muhammad Khan Bahadur.
- Image:** [More info](#)
- Remarks:** [More info](#)
- Image:** 
- Zoom to:** [Zoom to](#)

At the bottom of the screen, there is a navigation toolbar with icons for home, search, and other map functions. The bottom right corner features the text "POWERED BY MapmyIndia, Esri, HERE, DeLorme, NGA, USGS" and the Esri logo.

Citizen Portal - Location Search

The screenshot displays a web-based map interface for Bhopal. At the top left, the 'Citizen Portal' logo is visible next to the text 'Bhopal Municipal Corporation, Bhopal'. A search bar labeled 'Search Locations' is positioned at the top center. The map shows various neighborhoods and landmarks. A popup window for 'Taj-ul-Masajid' is open, displaying its name, a description, and an image. On the right side, an 'Information Summary' sidebar lists categories and their counts.

Search Bar: Search Locations

Location Popup (2 of 4):

- Places:** Taj-ul-Masajid
- Description:** Taj aj-ul-Masajid is a Mosque situated in Bhopal,India. It is the largest Mosque in India.
- Image:** [More info](#)
- Remarks:** [More info](#)
- Image:**
- Zoom to:** [Zoom to](#)

Information Summary:

Category	Count
Tourism	3
Heritage	10
Jansuvida Kendra	5
Anganwadi	2
School	2
Polytechnic	1
Health	316

Map Interface: The map shows various locations marked with icons. The bottom of the screen features a navigation toolbar with icons for home, location, search, and other functions. The bottom right corner includes the text 'MapmIndia, Esri, HERE, DeLorme, NGA, USGS' and the Esri logo.

Citizen Portal – Key Facilities Near to me

Citizen Portal Bhopal Municipal Corporation, Bhopal

Search Locations

Information Summary

Tourism	3
Heritage	10
Jansuvida Kendra	5
Anganwadi	1
School	0
Polytechnic	1
Health	327

23°14'48"N 77°24'37"E

POWERED BY esri

Citizen Portal – Key Facilities Near to me

Citizen Portal Bhopal Municipal Corporation, Bhopal

Search Locations

Near Me

Search an address or locate on map

Esri World Geocoder

Show results within 2 Kilometers

Heritage	(3)	>
Jansuvida Kendra	(1)	>
Anganwadi	(1)	>
School	(0)	>
Polytechnic	(1)	>
Health	(57)	>
Airport	(0)	>

23°14'11"N 77°24'32"E

Powered by Esri

Citizen Portal – Key Facilities Near to me

The image shows a web-based map interface for a Citizen Portal. The main map is a satellite view of an urban area, with a stadium labeled 'TT Nagar Stadium' highlighted in a green circle. The stadium is part of the 'Tatyasaheb Stadium And Sports Complex'. The map interface includes a search bar at the top with the text 'Search Locations' and a magnifying glass icon. On the left side, there are navigation controls: a home button, a search button, and a location pin button. At the bottom, there is a toolbar with various icons for map functions like zoom, pan, and layers. A 'Near Me' search panel is open on the right side of the map. This panel has a search bar with the text 'Esri World Geocoder' and a magnifying glass icon. Below the search bar, it says 'Show results within 2 Kilometers' and has a slider control with a blue circle in the middle, ranging from 0 to 15. Below the slider, there is a back arrow and the text 'Stadium'. Underneath, it says 'Stadium: TT Nagar' and 'Name TT Nagar'. At the bottom right of the map, there is a 'POWERED BY esri' logo and the text 'DigitalGlobe | MapmyIndia, Esri, HERE, DeLorme'. The Windows taskbar is visible at the very bottom of the image, showing the search bar and various application icons. The system clock in the bottom right corner shows '8:51 PM 6/22/2016'.

Citizen Portal - Driving Directions

Citizen Portal Bhopal Municipal Corporation, Bhopal

Search Locations

Directions

- 1 Bhopal Airport, Bhopal, Madhya Prade
- 2 Lal Ghati Chauraha, Lalghati Chaurah

ADD DESTINATION

SHOW MORE OPTIONS

GET DIRECTIONS

CLEAR

7.44 kilometers · 14 minutes

ZOOM TO FULL ROUTE

- 1 Start at Bhopal Airport, Bhopal, Madhya Pradesh, India
- 2 Go northwest
0.16 km
- 3 Turn right
0.72 km · 2 minutes

23°18'39"N 77°25'15"E

Bhopal Airport, Bhopal, Madhya Pradesh, India — Lal Ghati Chauraha, Lalghati Chauraha, Bhopal, Madhya Prade...
about:blank

Print Close

Driving Directions

- 1 Start at Bhopal Airport, Bhopal, Madhya Pradesh, India
- 2 Go northwest 0.16 km
- 3 Turn right 0.72 km - 2 minutes
- 4 Turn right on Gandhi Nagar Bypass Road (NH-12) 1.43 km - 3 minutes
- 5 At roundabout, take the second exit to proceed on NH-12 (NH-86) 3.68 km - 7 minutes
- 6 At roundabout, take the first exit to proceed on NH-12 (Indore Road) 0.73 km - 1 minute
- 7 Turn right on Ahmedabad Palace Road and immediately turn right 0.69 km - 1 minute
- 8 At fork keep right 0.02 km
- 9 Bear left on Indore Road (NH-12) 0.01 km
- 10 Finish at Lal Ghati Chauraha, Lalghati Chauraha, Bhopal, Madhya Pradesh, on the right

Directions are provided for planning purposes only and are subject to [Esri's terms of use](#). Dynamic road conditions can exist that cause accuracy to differ from your directions and must be taken into account along with signs and legal restrictions. You assume all risk of use.

MapmyIndia, Esri, HERE, DeLorme, NGA, USGS

Citizen Portal – Facility Search with Directions

Citizen Portal Bhopal Municipal Corporation, Bhopal

Directions

- 1 Bhopal Airport, Bhopal, Madhya Prad
- 2 Lal Ghati Chauraha, Lalghati Chaural
- 3 G P O Road, Bhopal, Madhya Prades
- 4 77.392306 23.263240

ADD DESTINATION
SHOW MORE OPTIONS

GET DIRECTIONS
CLEAR

11.58 kilometers · 22 minutes

Facility Type	Count	Miles
1	492 Nisha Maternity Centre Health Service	0.11
2	453 Paras Hospital Hospital	0.11
3	26 Aakriti Medicos Health Service	0.11
4	131 Rose Medical Store Health Service	0.12
5	473 Shubham Hospital Hospital	0.12
6	219 Astha Orthopedic House Clinics	0.12

Petrol_Pump BMC_Parks Mall Police_Station Fire_Station Bus_Stop **Health** Anganwadi School Polytechnic Stadium Heritage Wards Wards

23°16'02"N 77°17'19"E

MapmyIndia, Esri, HERE, DeLorme, NGA, USGS

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Citizen Portal – Facility Search with Directions & Weather Information

Citizen Portal Bhopal Municipal Corporation, Bhopal

Search Locations

Directions

- 1 Bhopal Airport, Bhopal, Madhya Prad
- 2 Lal Ghati Chauraha, Lalghati Chaural
- 3 G P O Road, Bhopal, Madhya Prades
- 4 77.392306 23.263240

ADD DESTINATION
SHOW MORE OPTIONS

GET DIRECTIONS

CLEAR

11.58 kilometers · 22 minutes

Weather

NOW	WIND	WED	THU	FRI
	NW			
91°	12 MPH	99° 83°	98° 83°	100° 81°

Powered by World Weather Online

Incident Weather Jansuvida Kendra Parking Bus_Stop Petrol_Pump BMC_Parks Mall Police_Station Fire_Station Bus_Stop Health Anganwadi School

23°14'15"N 77°26'22"E

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Citizen Portal – Compare Locations

The image shows a web application interface for the Citizen Portal of Bhopal Municipal Corporation. The main map displays a street view of Bhopal, India, with various landmarks and roads labeled. A 'Basemap Gallery' is overlaid on the left side, providing a selection of different map styles. A circular 'spyglass' tool is positioned over a specific area on the map, and a dropdown menu is open below it, showing 'World_Imagery' as the selected layer.

Citizen Portal Bhopal Municipal Corporation, Bhopal Search Locations

Basemap Gallery

- Dark Gray Canvas
- Imagery
- Imagery with Labels
- Light Gray Canvas
- National Geographic
- Oceans
- OpenStreetMap
- Streets
- Terrain with Labels
- Topographic

Select the layer to appear within the spyglass

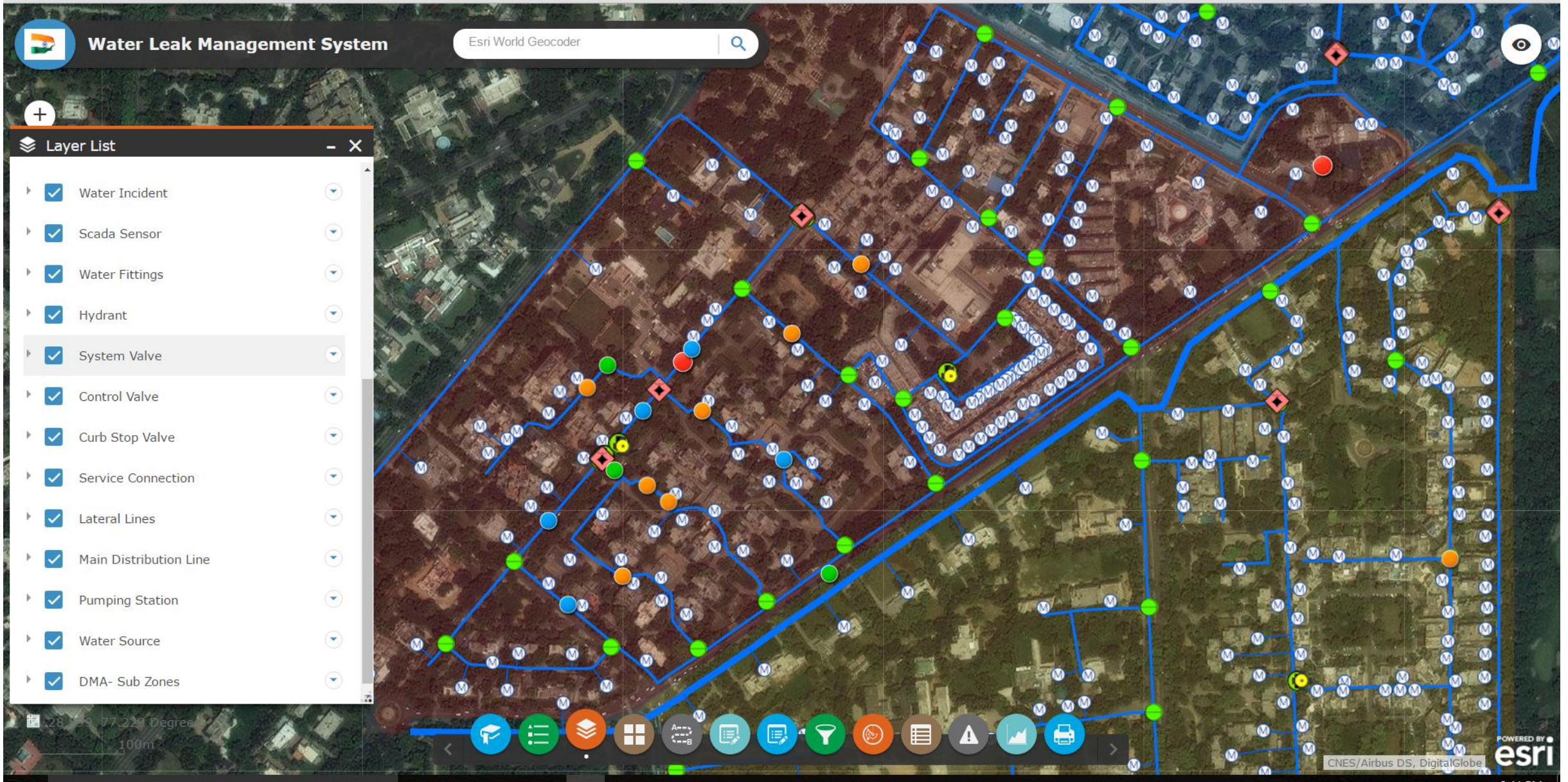
World_Imagery

23°14'44"N 77°24'42"E

0.4km

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Smart Water Distribution System – DMAs



Smart Water Distribution System – Asset Management

The screenshot displays a mobile application interface for a Water Leak Management System. The top bar includes the system name, a search bar for Esri World Geocoding, and a home button. The main view is a satellite map of a water distribution network, with blue lines representing pipes and various colored icons representing different assets like valves, hydrants, and incidents.

On the left, an 'Update Assets' panel is open, showing a list of templates to create features. The templates are categorized as follows:

- Scada Sensor:** WaterScadaSensor (represented by a red diamond icon).
- Main:** 8" Ductile Iron, 8" PVC, 10" Ductile Iron, 10" PVC, 12" Ductile Iron, 12" PVC, 20", 16", 6" Ductile Iron, and 6" PVC (represented by various blue line icons).
- Field Engineer:** Field Engineer (represented by a person icon).
- Water Incident:** Incident Water (represented by a red circle icon).

On the right, a 'Water Pressure Zones' popup is open, displaying the following data for a selected asset:

Field	Value
OBJECTID	4665
Facility Identifier	WM-4665
Install Date	30/09/2015
Material	Cast Iron
Diameter	8"
Water Type	Potable Water
Transmission System	
Enabled	True
Active Flag	True
Owned By	Our Agency
Managed By	Our Agency

The bottom of the screen features a navigation bar with icons for home, search, layers, a grid, a list, a funnel, a warning, a chart, and a print function. The Esri logo and 'POWERED BY' text are visible in the bottom right corner.

Smart Water Distribution System – Asset Management

The screenshot displays a web-based GIS application titled "Smart Water Distribution System" running on a browser. The interface includes a search bar with "India" and "Esti World Geocoder" entered. A "Basemap Gallery" on the left offers options like Imagery, OpenStreetMap, Streets, Topographic, and Imagery with Labels. A "Layer List" on the right shows various asset layers such as Field Engineer, Incident Status, Water Incidents, Scada Sensor, Water Fittings, Hydrant, System Valve, Control Valve, Curb Stop Valve, Service Connection, Service Lines, Distribution Mains, Pumping Station, Water Source, Gravity Main, DMA - Sub Zones, and Critical Infrastructure. A central pop-up window shows details for a selected asset, including "Current_Pressure 12", "Remarks", "Addl_info", "More info", and "Attachments: No attachments found". Below this, it displays a photo of a water connection and a "Zoom to" button. The map shows a network of water pipes and valves overlaid on a street map. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the time as 5:51 PM on 3/18/2016.

Smart Water Distribution System – Asset Management

Water Leak Management System

Esri World Geocoder

Water Pressure Zones

OBJECTID	4665
Facility Identifier	WM-4665
Install Date	30/09/2015
Material	Cast Iron
Diameter	8"
Water Type	Potable Water
Transmission System	
Enabled	True
Active Flag	True
Owned By	Our Agency
Managed By	Our Agency

Update Assets

Select a template to create features

Scada Sensor

- WaterScadaSensor

Main

- 8" Ductile Iron
- 8" PVC
- 10" Ductile Iron
- 10" PVC
- 12" Ductile Iron
- 12" PVC
- 20"
- 16"
- 6" Ductile Iron
- 6" PVC

Field Engineer

- Field Engineer

Water Incident


- Incident Water

MapmyIndia, Esri, HERE, DeLorme, NGA, USGS

POWERED BY **esri**

Smart Water Distribution System – SCADA Alerts / Leak Logger

Water Leak Management System | Esri World Geocoder

Incident Date: December 3, 2015
Reported_By: Mr. Vivek Kumar
Repair_Date:
Repaired_By: Email:Seema.joshi@esriindia.com
Status: Reported
Remarks: [More info](#)
Severity: Critical
Shutdown_Required: Yes
Attachments: No attachments found
Image: 

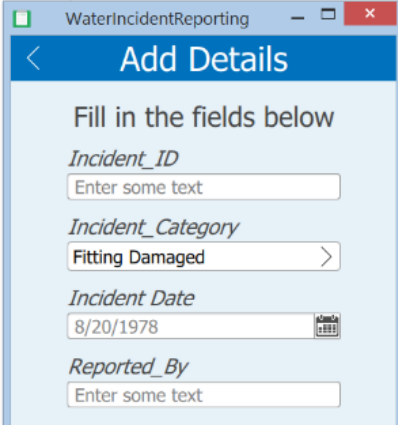
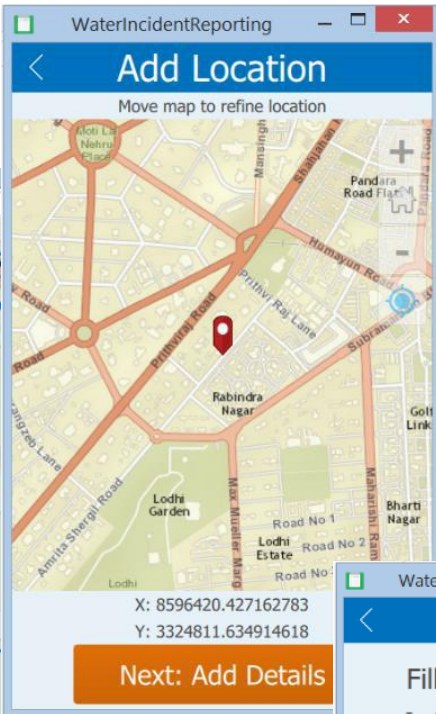
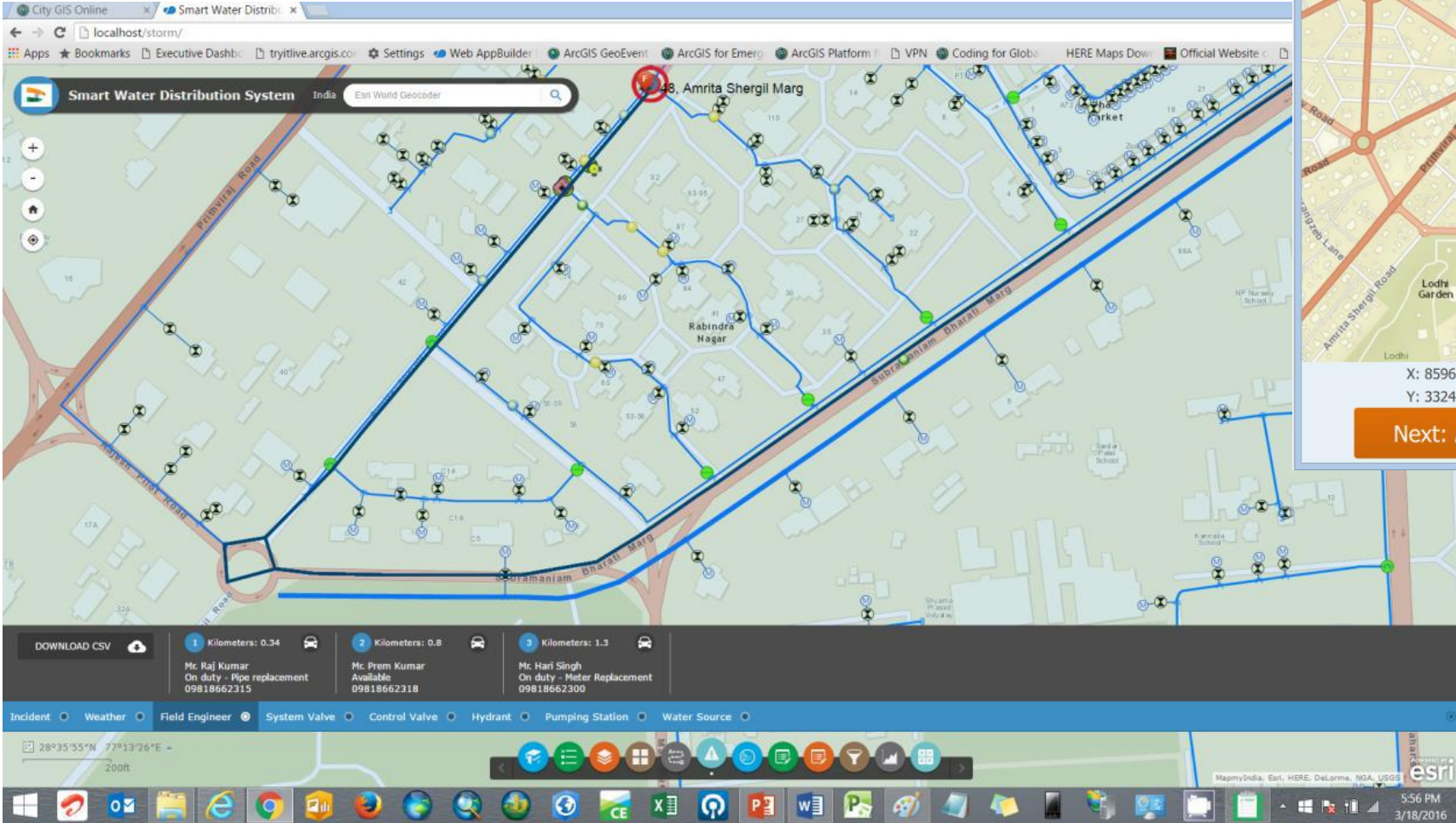
Zoom to | Set As Incident

28.600 77.226 Degrees
60m

MapmyIndia, Esri, HERE, DeLorme, NGA, USGS

POWERED BY **esri**

Smart Water Distribution System – Closest Field Engineer / Leak Logging



Smart Water Distribution System – Planned Outage Management / Advance Alerts to Affected Users

The screenshot displays a web-based GIS application titled "Smart Water Distribution System" running on a browser. The interface includes a search bar, a "Trace Network" tool, and a list of results. A map shows a network of pipes and valves, with a green shaded area indicating a planned outage. A red circle highlights a specific valve, and a pop-up window shows details for "Isolated Customers".

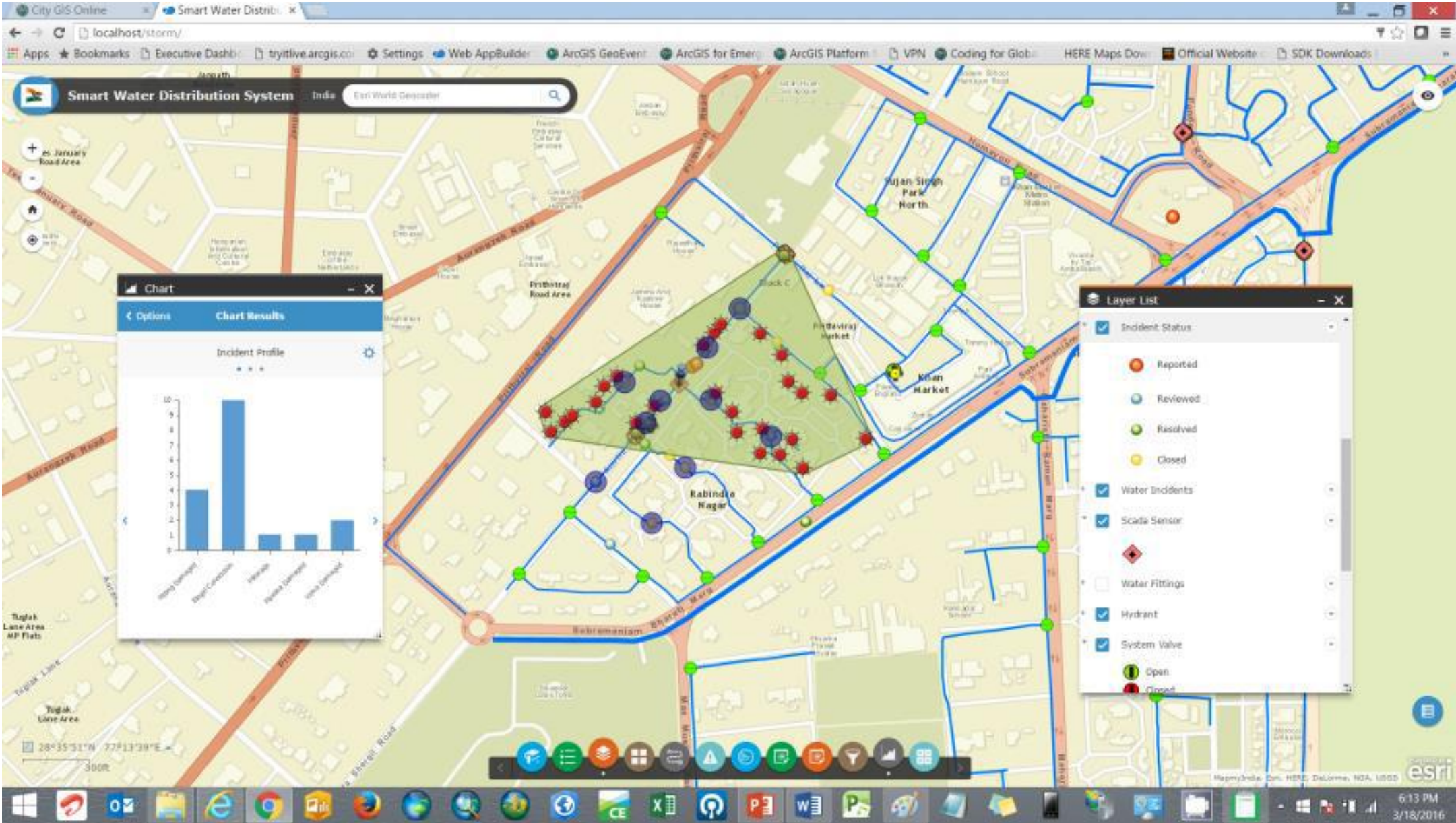
Trace Network Results:

- Output summary
- Isolated Customers
- Isolated System Valves
- Isolated Hydrants
- Isolated Hydrants (0)
- Isolated Customers (26)
- Isolated System Valves (3)

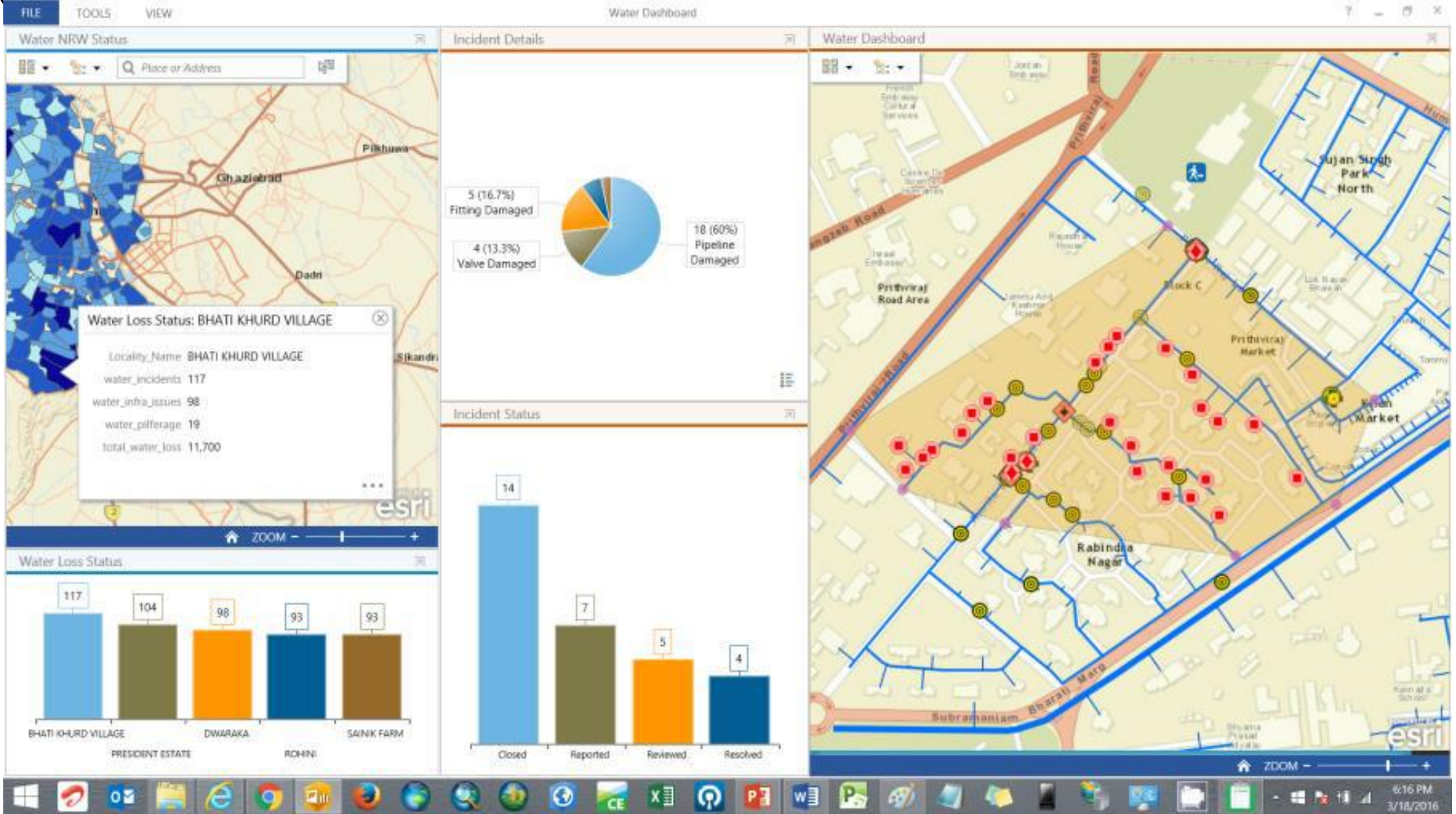
Isolated Customers (2 of 7):

OID	16
Facility Identifier	WSRV-41585
Account Number	41582
Metered Service	41582
Service Type	Domestic
Install Date	2010-02-04
Location Description	Lodhi Estate
Rotation	0
Location Identifier	45582
CriticalCustomer	0
Enabled	1
Active Flag	1
Owned By	1
Zoom to	Set As Incident

Smart Water Distribution System – Incident Analysis



Smart Water Distribution System – Dashboard for monitoring NRW




Redevelopment Planning

CityEngine Web Viewer x +

localhost:58416/ceviewer_offline.html?3dWebScene=/Noida/models/Geodesign.3ws

Geodesign

SHARE HELP ARCGIS ONLINE



The main view is a 3D perspective rendering of a city model. It features a multi-lane road with traffic, a metro line with an elevated track, and various building models. A large white and blue structure is visible on the left. The scene is rendered in a realistic style with shadows and textures.

Layers

- Development
- Building
- Redevelopment
- Metroline
- Roads
- Tree
- Foot_print
- Zonation
- Metro_station

POWERED BY esri

Search the web and Windows

10:14 PM 6/22/2016

Redevelopment Planning

CityEngine Web Viewer

localhost:58416/ceviewer_offline.html?3dWebScene=/Noida/models/Geodesign.3ws

Geodesign

SHARE HELP ARCGIS ONLINE

Layers

- Development
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