

2. समृद्ध AGRA

2.11 PFR PROJECT- 12: STREETSCAPING AND FAÇADE DEVELOPMENT – FATEHABAD ROAD

2.11.1. Area of intervention

The area for development within Agra Smart City was chosen on basis of analytical assessments and stakeholder consultations. In the third round of the Smart Cities Proposal Challenge, the area was narrowed down to focus on the existing areas around Taj Mahal and Tajganj area, Agra Fort and its vicinity, and Fatehabad Road connecting the Inner Ring Road. This area was chosen to converge existing development activities, alignment with the stated vision of becoming a tourist friendly destination and providing maximum benefits to residents and tourists. The area-based development plan for Agra focuses on improving social equity and infrastructure for citizens and improving heritage and cultural tourism and tourism infrastructure for visitors, and revitalizing green spaces and enabling sustainable livelihood development, which will impact quality of life of residents and experience of visitors.

The area-based development plan for Agra Smart City focuses on provided integrated impact, with not just Economic benefits but Governance, Spatial, Social, and Sustainability benefits.

Key elements of Agra Smart City area-based development plan:

A. Theme 1: Reconnecting Taj Mahal with Agra Fort.

- I. Development of tourist walkway between Taj Mahal and Agra Fort.
- II. Creation of visitor centre and provision of e-battery tourist mobile vans.
- III. Development of livelihood opportunities along proposed route.

B. Theme 2: Integrated development of Taj Ganj Agra.

I. Rebuilding livelihoods and upgrading 22 slums.

II. Solar rooftops and green energy.

III. Conservation of lesser-known monuments.

IV. Mughal Museum and Taj orientation centre.

V. Building resilient civic infrastructure (water and electricity).

VI. Tourist infrastructure and mobility facilities (Wi-Fi hotspots, digital signages, tourist kiosks, heritage trails, e-toilets, e-rickshaw, and e-biking).

VII. Soft components (festivals and rituals, evening cultural fests at Agra Fort, façade improvement of 49 heritage properties).

VIII. Revitalizing green spaces (upgradation of Shah Jahan Park, Taj nature walks, Taj Park “My Tree” project).

IX. Sustainable livelihood development (skill development centres, night bazaars and digital literacy centre).

X. Social infrastructure and safety (CCTVs, women distress centres, police kiosks, LED lights).

C. Theme 3: Enhancing connectivity to Taj Mahal via Fatehabad Road.

Street-scaping beautification of Mall Road to Inner Ring Road

This road is 7 km stretch road in city limit. Master Plan 2021 has also emphasized the development of Fatehabad road .



(1,24,837 PCUs), and the least amount of daily traffic is seen at TDI Mall Chowk (near Hotel Trident-Fatehabad Road), which has 32040 vehicles (22671 PCUs). The survey included continually recording traffic volume counts every 15 minutes for each movement at the intersection for 16 hours (0600 to 2200 hours on a normal working day).

a. Location for EV Charging Station & Bus Depot:

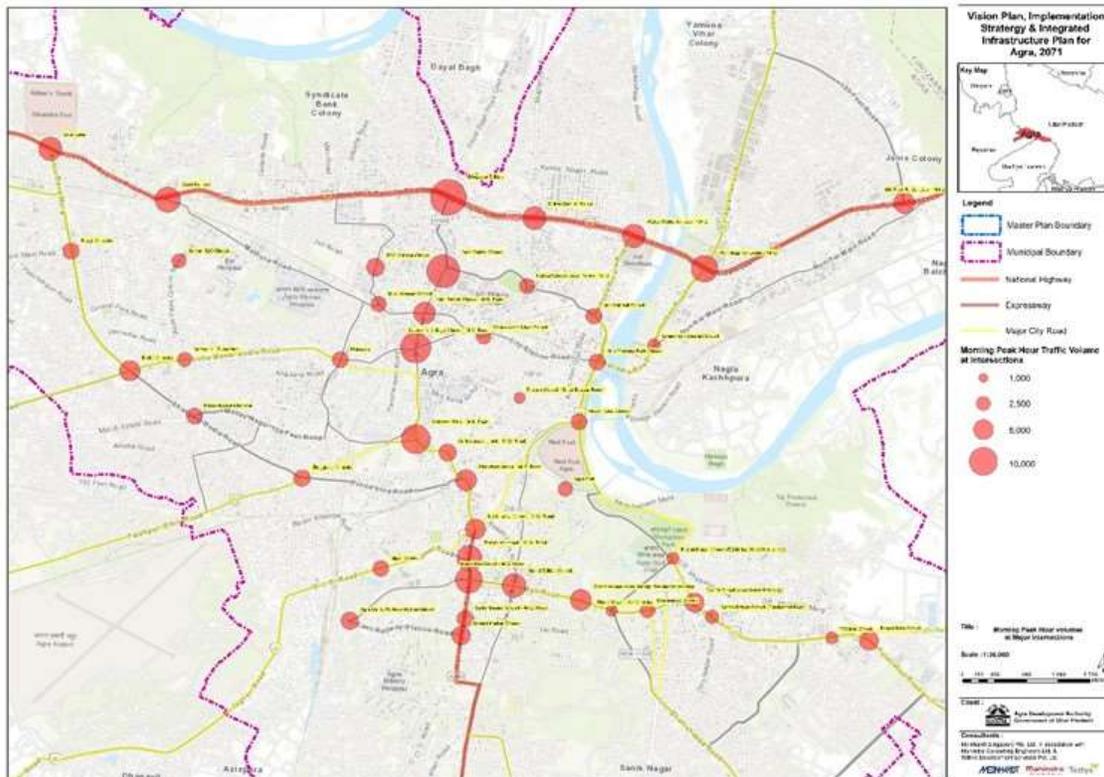
• Location of the EV Charging Station:

- a) Transport Nagar Bus Stand
- b) Kuberpur
- c) Fatehpur Sikri Road
- d) Gwalior Road
- e) Fatehabad Road

In order to measure the mode-wise volume of traffic moving along different road sections and the intensity of traffic flow throughout the day, direction-wise classified traffic volume surveys were conducted at 50 intersections on an average workday in the research region. The most daily traffic is handled by Bhagwan Talkies Junction, which has 155265 vehicles (150785 PCUs), followed by Ram Bagh Choraha (NH-2), which has 1,22,692 vehicles

Parking requirement/ multi storeyed parking at various congested places like Phagwara Chauraha, Kinari Bazaar, Shahganj, Raja Mandi

Table 1 Parking Demand in Agra and interferes with traffic flow.



SN	Name of Location	Car	2-Whlr	Auto	Parking Demand (ECS)
1	Sikandra	267	886	0	489
2	Taj Mahal Parking - East Gate	866	1562	31	1287
3	TDI Mall (Hostels) Fatehabad Road	227	452	0	340

2.11.2. Proposed interventions:

- Sustainable mobility program to facilitate walkability and use of public transport
- Development of pedestrian and cycle infrastructure for vibrant and safe street program
- Integration with public and historic assets
- Façade development along the streets
- Public conveniences, parking, signage and tourist guide maps
- Strengthening of identity and character.
- Improved legibility and way finding
- Integration with metro stations and public spaces
- Shaded boulevards to allow people to walk, cycle and pause at the places of historic significance and contemporary leisure nodes



