

**REGIONAL MOBILITY HUB IMPLEMENTATION STRATEGY** 

# Imperial Valley College Mobility Hub

The Imperial Valley College drive shed is currently sparsely populated with very few developments. It lacks general transit connectivity due to its remote location.

Shuttle services connecting Imperial Valley College to SDSU Brawley and Calexico Campuses are proposed to expand the transit connectivity of the Mobility Hub.

## Smart parking technologies are

proposed to be integrated to the existing Parking Facilities on campus.







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Image Source: axykno.blogspot.in/2016/08/smart-parking-in-india\_17.html



Image Source: smartupcities.com/smart-city-parking-sensors-guidance-systems

Smart parking solutions can be used to help communicate parking information to users, streamline enforcement and maintenance practices, provide data on parking patterns within the community, and create a better experience for users.



## ELECTRIC VEHICLE CHARGING



Image Source: forums.techarp.com

The level of charging of the Electric Vehicle Chargers should be matched to the needs of prospective users and the amount of time that people are likely to be parked.



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## Imperial Valley College Mobility Hub

The transit station located within the Imperial Valley College campus has good quality pedestrian infrastructure. However, due to limited uses around the college campus, the area is largely deserted during non-school hours.

The proposals illustrated here are primarily directed towards improving the immediate comfort of waiting transit commuters, and activating the space so it sees more use outside traditional school hours. The transit station area is proposed to be enhanced by integrating real time information and other amenities like package delivery, information kiosks, WiFi panels and wayfinding signage.

The existing parking infrastructure is proposed to be integrated with smart parking technologies to allow better utilization.

Wayfinding signage is proposed at key nodes of the campus for easy navigation.





### Defining the cities of tomorrow







## **EXISTING FACILITIES**



- PASSENGER LOADING ZONES
- CLASS I BIKE PATH

### PROPOSED MOBILITY HUB COMPONENTS





SMART PARKING



- PACKAGE DELIVERY
- REAL-TIME TRAVEL INFORMATION



ENHANCED TRANSIT WAITING AREAS





Image Source: sentios.co.uk/news/tag/displays/

Informational displays can provide maps and directions to points of interest, transit schedules and routes, and other information on available mobility services and facilities.



Siting package delivery services within a mobility hub area helps reduce the need for travelers to make a separate, drive alone trip in order to complete the errand.

