



Sub-Area Plan Overview & Summary



SNL/NM Technical Area IV

A Component of Sandia National Laboratories'
Long-Range Development Framework

Developed: 2013
Refreshed: 2015





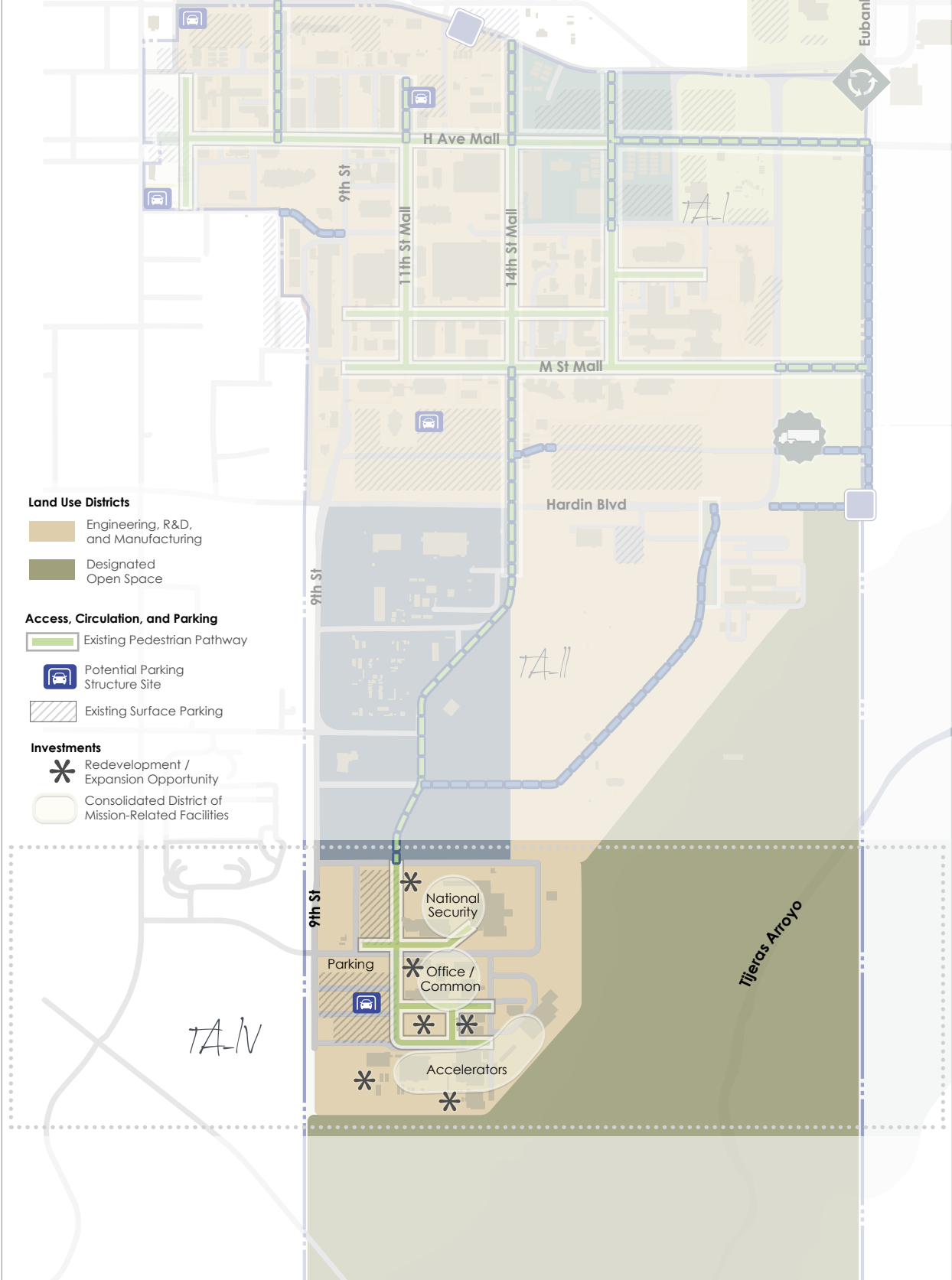
SNL/NM TA-IV vicinity.

Key Features of the TA-IV Sub-Area Plan

The Plan seeks to:

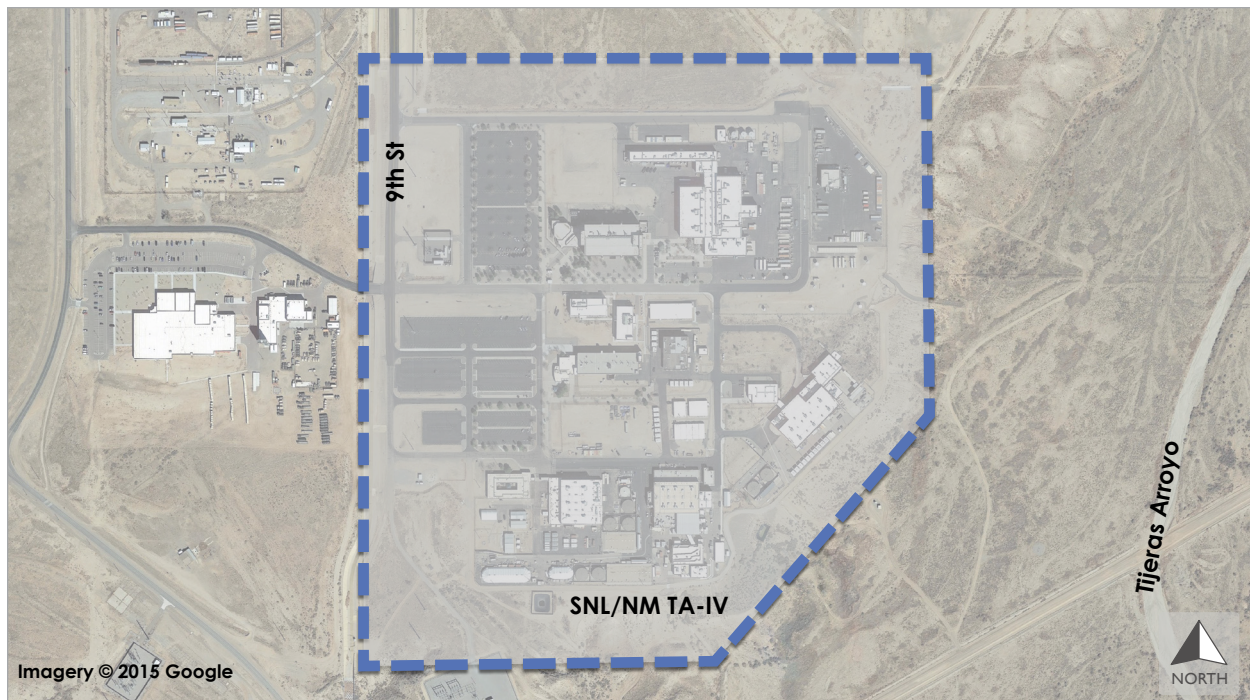
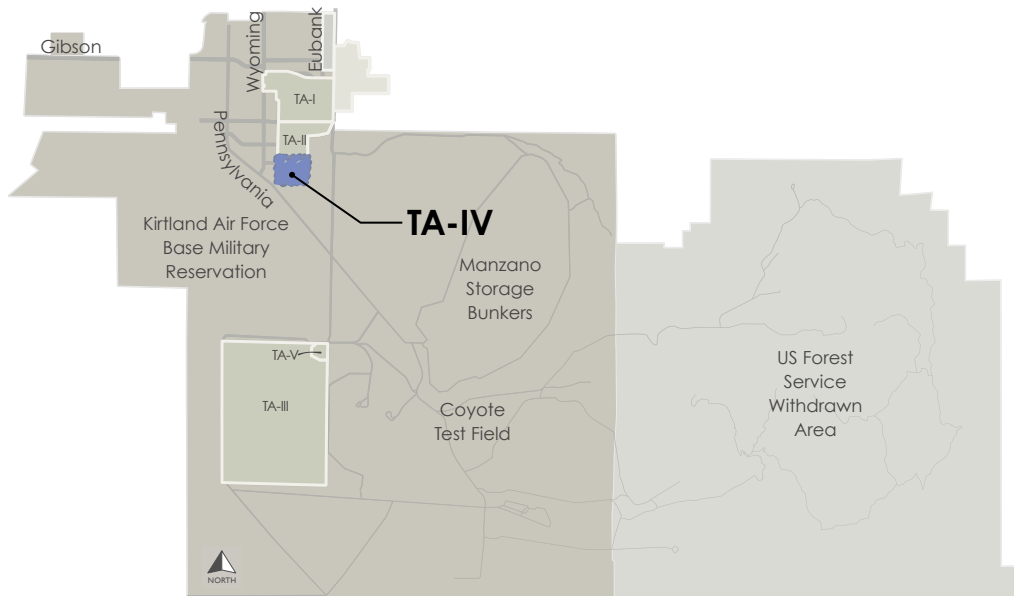
- Sustain programs and activities, and safeguard opportunities to grow mission through redevelopment and infill
- Maintain existing land use designations
- Construct a multi-modal corridor that connects TA-I, TA-II, and TA-IV
- Implement minor adjustments to the site's security boundaries
- Implement an incremental development strategy that enhances the many positive features of the area
- Replace temporary buildings with permanent (GPP-size) structures

Development Vision — TA-IV



Location

TA-IV is located directly south of TA-II.

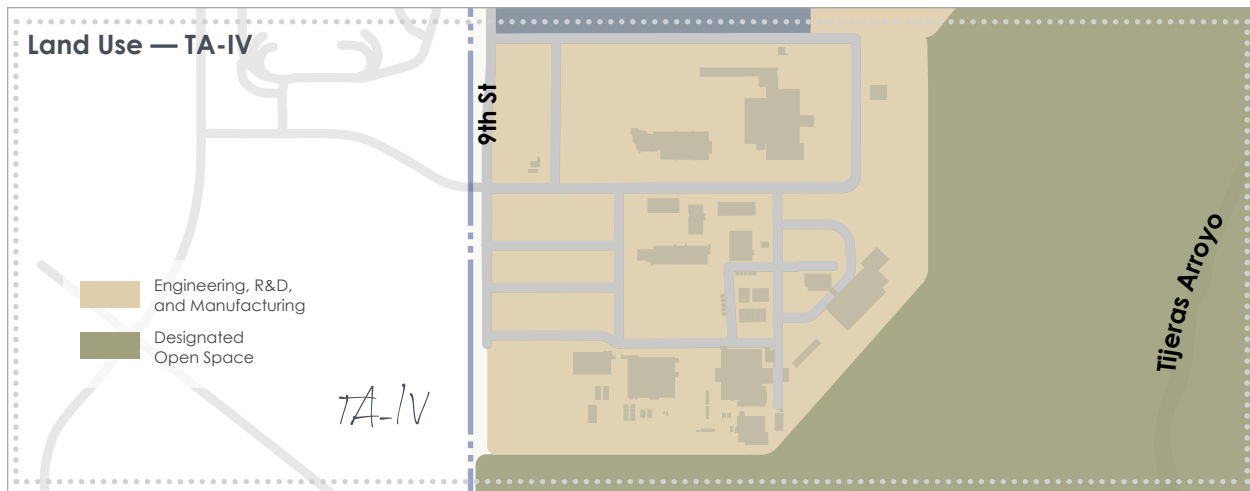


Approximate boundary of SNL/NM TA-IV.

Future Land Use

Maintain current land uses.

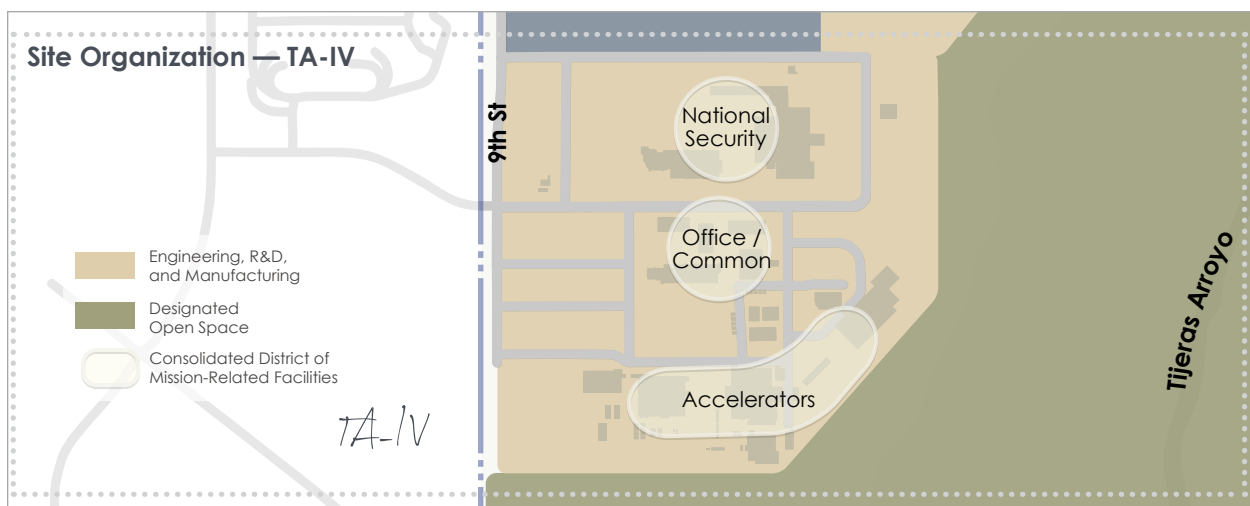
- Current land use within TA-IV reflects a mix of laboratory and office facilities for scientific research and testing, as well as designated open space in the adjacent Tijeras Arroyo
- Planning foresees no major changes to the current land uses



Site Organization

Maintain existing site organization to reflect accelerator and national security mission-related facility and security needs.

- Accommodate Accelerator and National Security programs and activities
- Reinforce a common entry point
- Provide shared office and employee support facilities
- Maintain flexibility with security boundaries

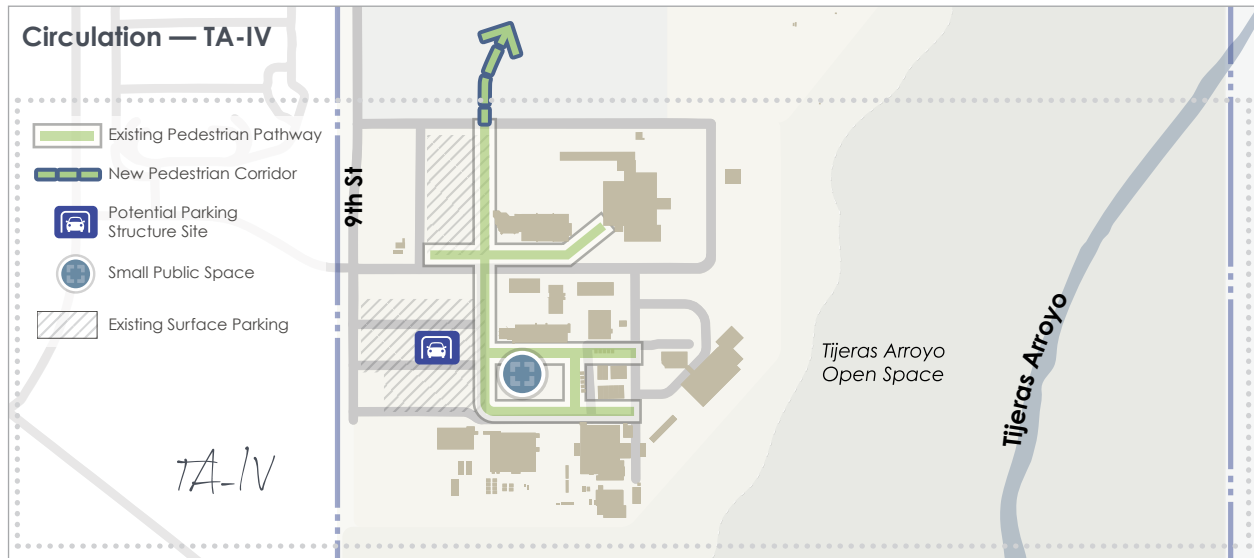




Vehicular and Pedestrian Circulation

Connect 14th Street multi-modal corridor from TA-I through TA-II, to TA-IV.

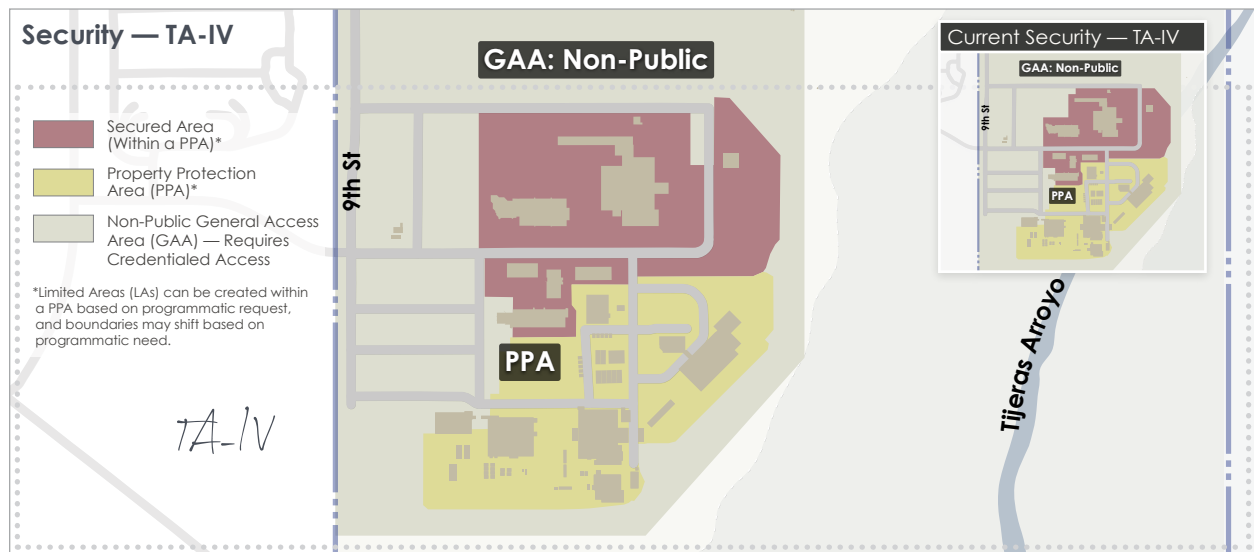
- Extend 14th Street multi-modal corridor to TA-IV from TA-I
- Enhance existing pedestrian walkways and public spaces in TA-IV
- Improve existing parking lots
- Construct a parking garage, if warranted in the long term



Security

Make minor adjustments to the existing security framework.

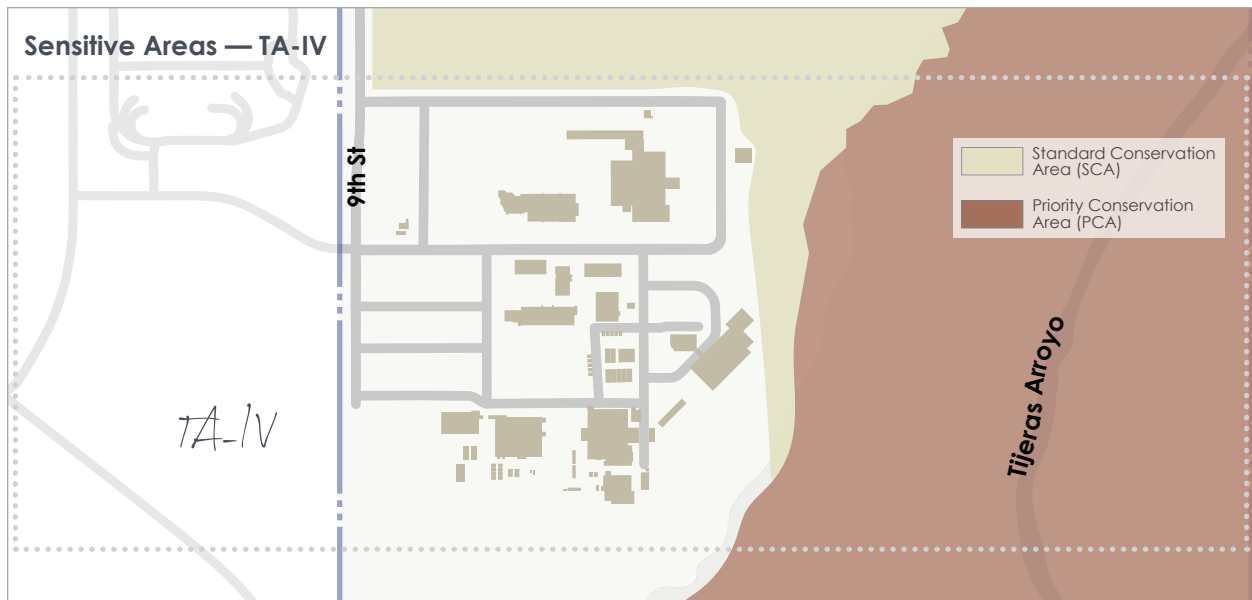
- Make the security zones logical and user-friendly as new development or redevelopment occurs within TA-IV in the future
- Minimize the movement of personnel through a fluctuating security perimeter and avoid islands of different security or access control



Environmentally Sensitive Areas

Avoid development that affects the adjacent Tijeras Arroyo corridor if possible.

- The Operational Area Environmental Evaluation (OAEE) identifies the environmental sensitivity of an area to help inform management decisions about where development may be prohibited, restricted, or subject to additional requirements to comply with federal and state laws and regulations
- The OAEE identifies conservation areas, which are tracts of land that it recommends be given protected status to ensure the safeguarding of natural features, cultural heritage, or biota
- The OAEE identifies:
 - A portion of land in TA-IV as a Standard Conservation Area (SCA)
 - The Tijeras Arroyo as a Priority Conservation Area (PCA)
 - A number of environmental permits that may affect development
- The OAEE advises to consult subject area experts prior to development activities that may affect sensitive areas



Currently Contemplated Investments

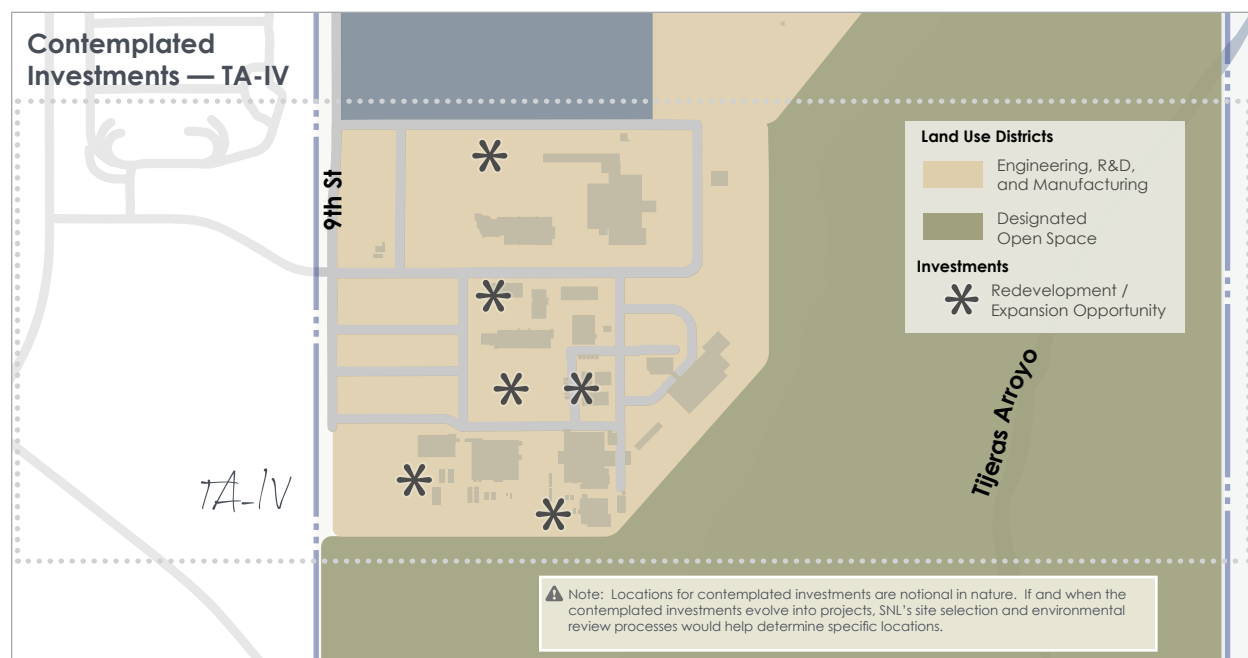
Implement an incremental development strategy that enhances the many positive features of the area.

Potential Site Investments

- Update current screening and fencing to reinforce area identity
- Clearly designate all building entrances using signage, canopies and other design elements
- Provide clear and consistent wayfinding and building signage
- Provide clearly designated pedestrian paths separated from major vehicular routes and new security gates integrating proper signage and color
- Construct infrastructure projects to support reactors and accelerators

Potential Facility Investments

- Building 986 addition
- TA-IV "Z" support building
- Next generation Z Machine
- A central storage facility for all infrequently accessed materials and equipment



Key Source Documents for this Sub-Area Plan

- [TA-IV Sub-Area Plan, 2013](#)
- [Operational Area Environmental Evaluations \(OAE\), September 2011](#)
- [SNL Long-Range Development Framework, 2010; 2015](#)

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