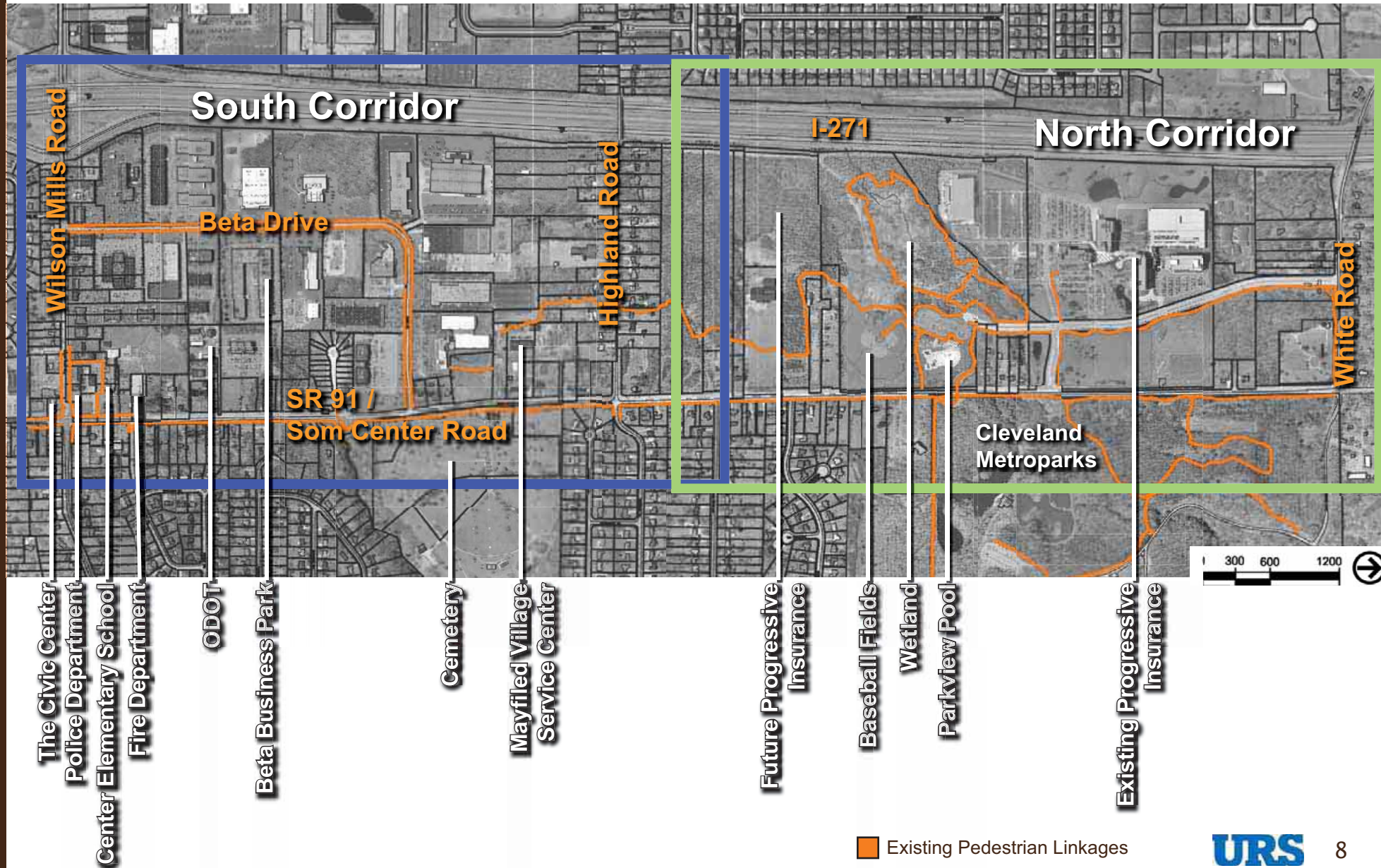






### Project Area Key Map

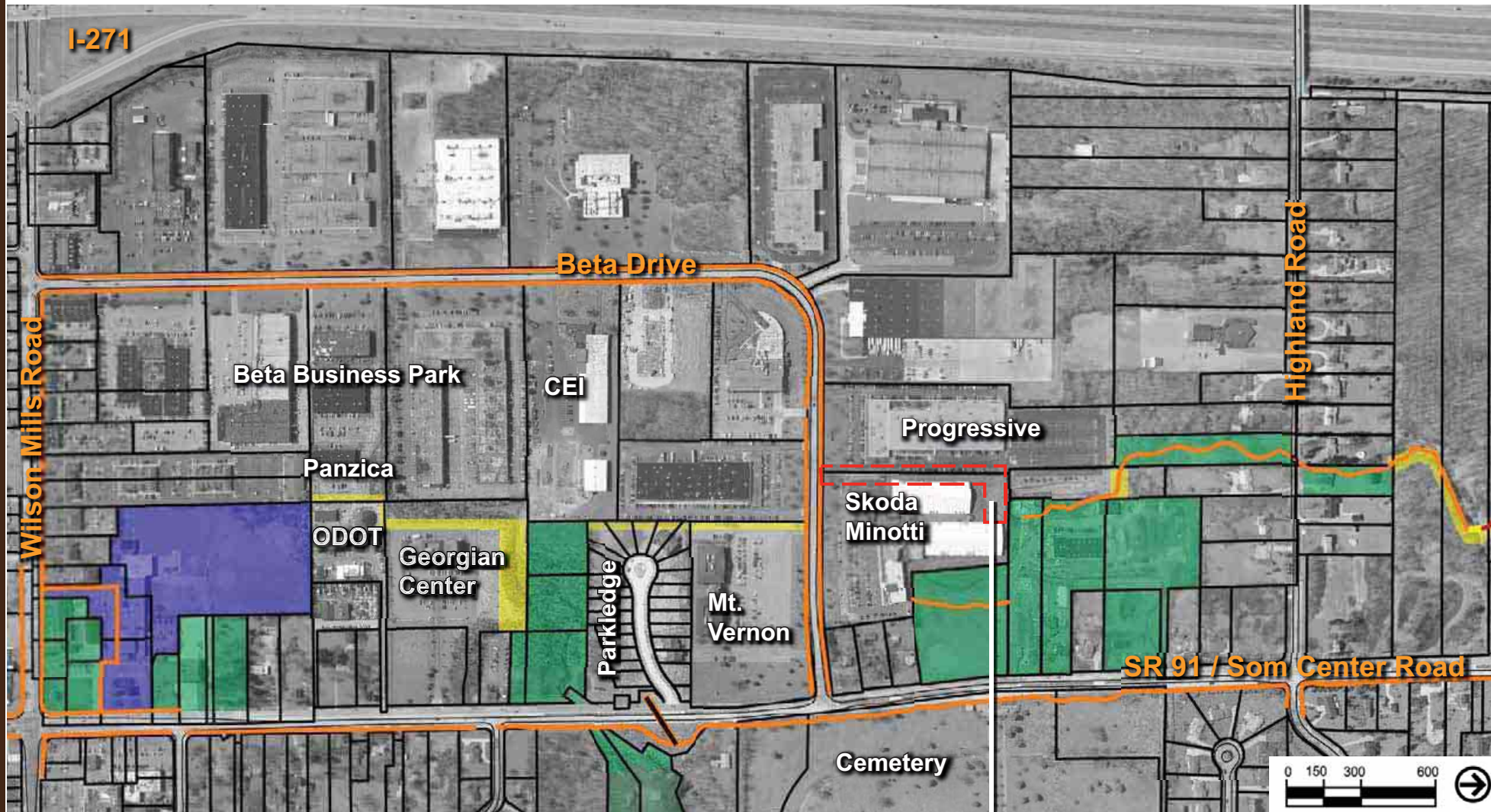
For the purposes of this document, the project area will be divided into two parts: the South and the North Corridor





### South Corridor Ownership Map

The Ownership Maps identify existing public parcels and easements to reveal key properties that might need to be purchased for implementation of the Corridor



- Property of Mayfield Village
- Mayfield Village License Agreements/Easements
- Schools
- Existing Pedestrian Linkages

**Required  
License Agreement/ Easement**



### North Corridor Ownership Map

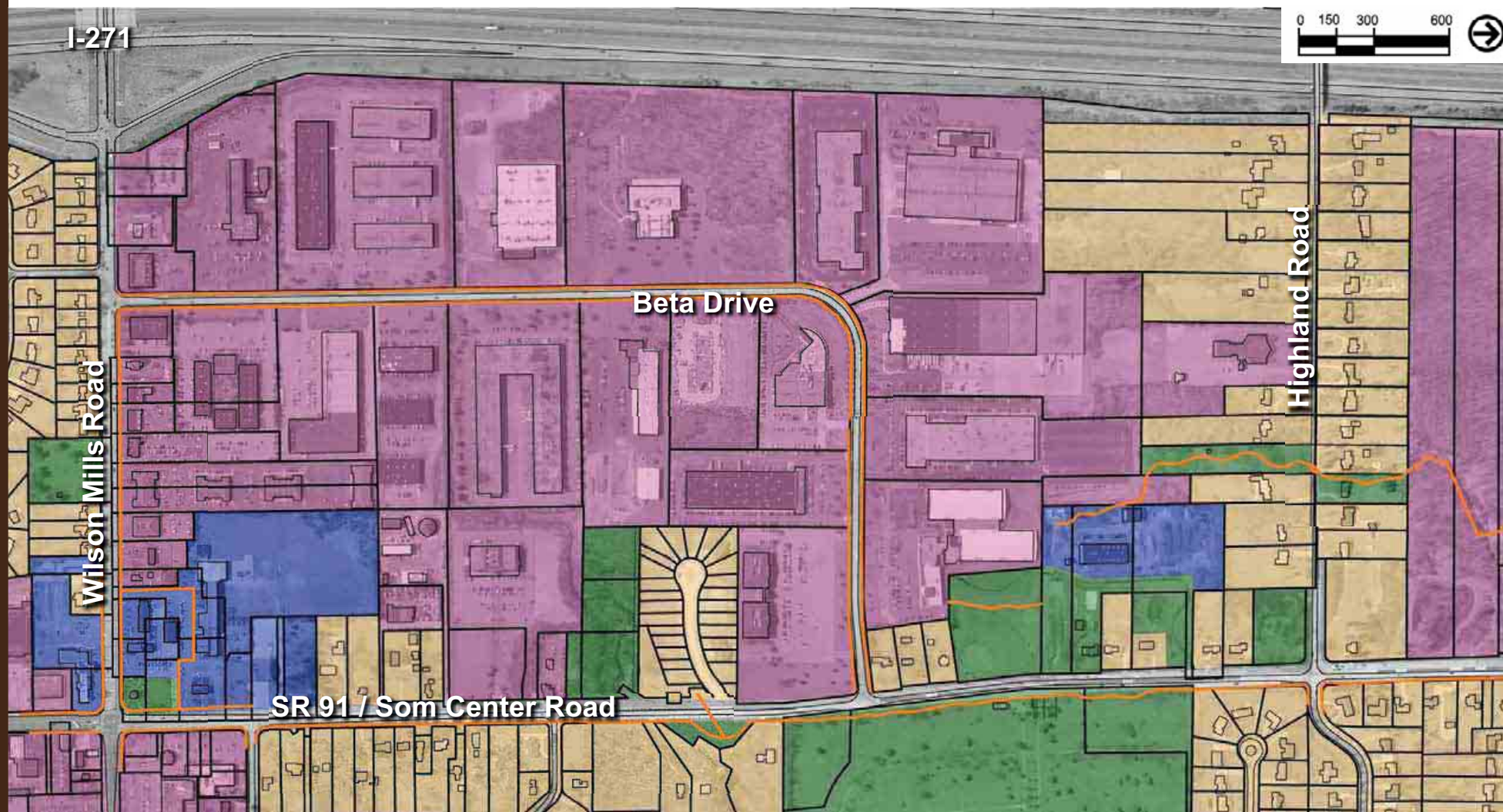


- Property of Mayfield Village
- Mayfield Village License Agreements
- Schools
- Existing Pedestrian Linkages



### South Corridor Land Uses

By identifying land uses, Mayfield Village is able to understand the potential user groups of the Corridor



- Residential
- Commercial/Industrial
- Civic
- Parks/Recreation/Open Spaces
- Existing Pedestrian Linkages



### North Corridor Land Uses

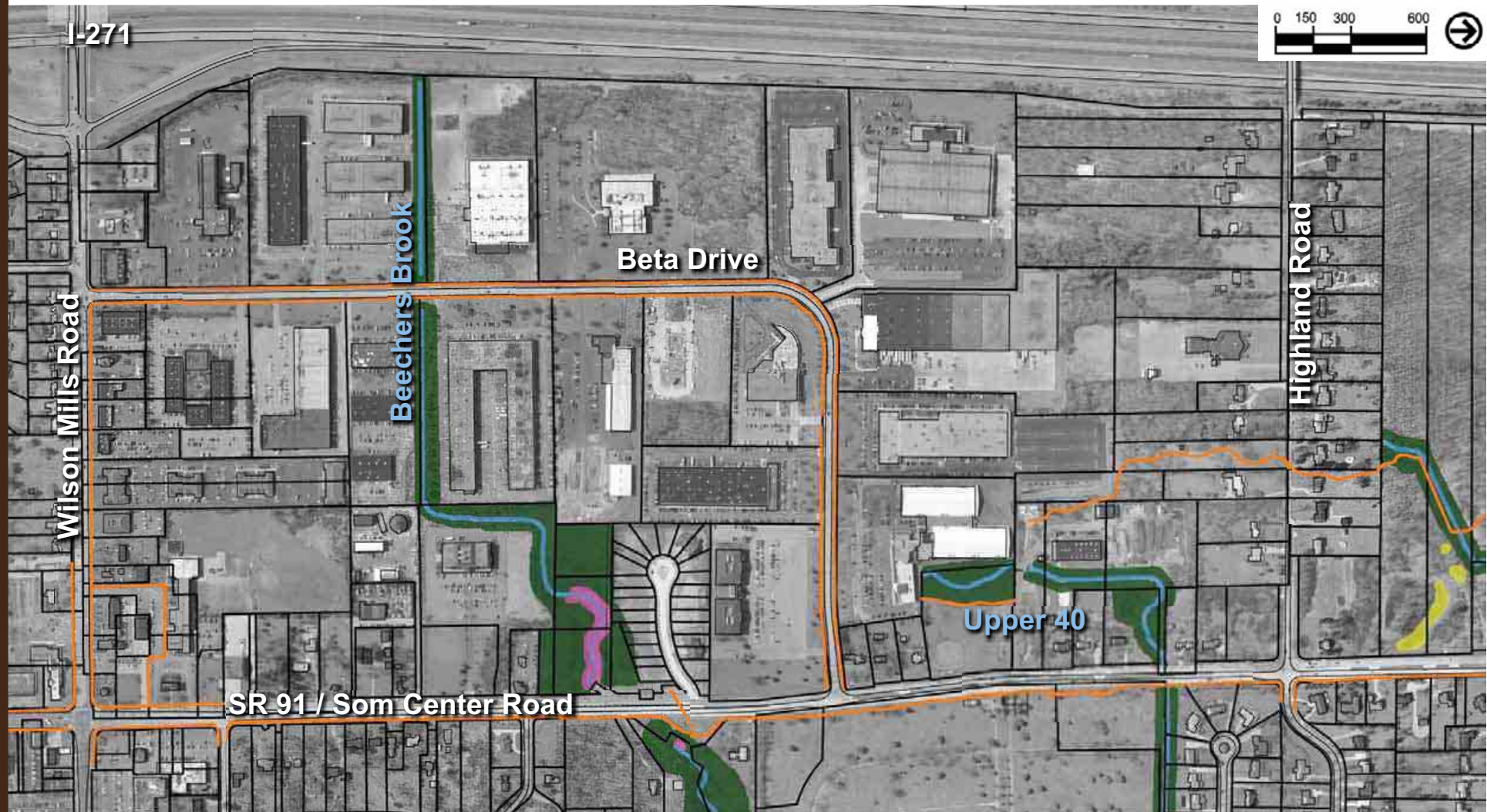


- Residential
- Commercial/Industrial
- Public Properties
- Parks/Recreation/Open Spaces
- Existing Pedestrian Linkages



### South Corridor Natural Systems

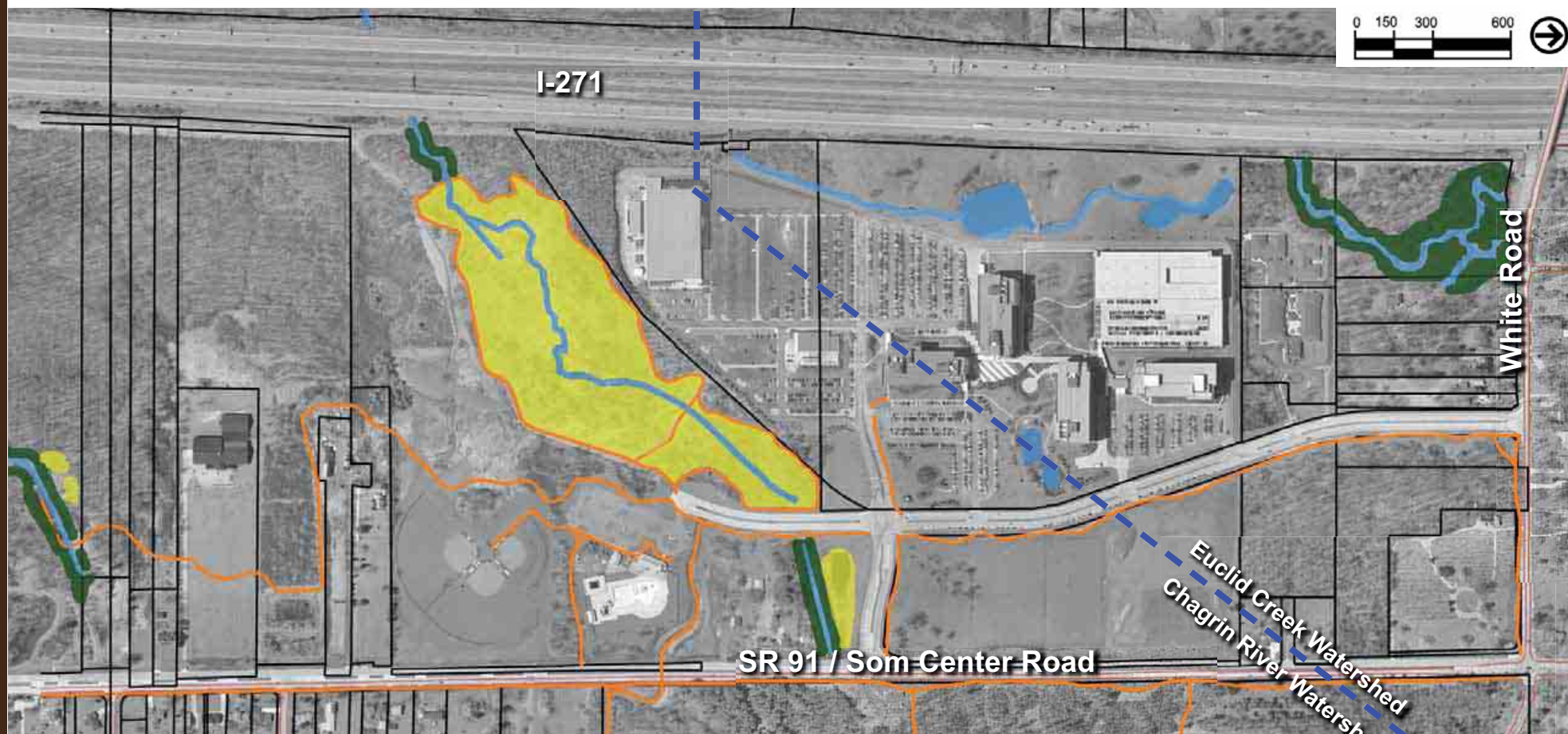
The Corridor lies almost solely within the Chagrin River Watershed and contains wetlands, riparian corridors, and several streams including Beechers Brook and Upper 40.



- Streams
- Wetlands
- Stream Erosion Zones
- Riparian Corridor
- Existing Pedestrian Linkages



### North Corridor Natural Systems



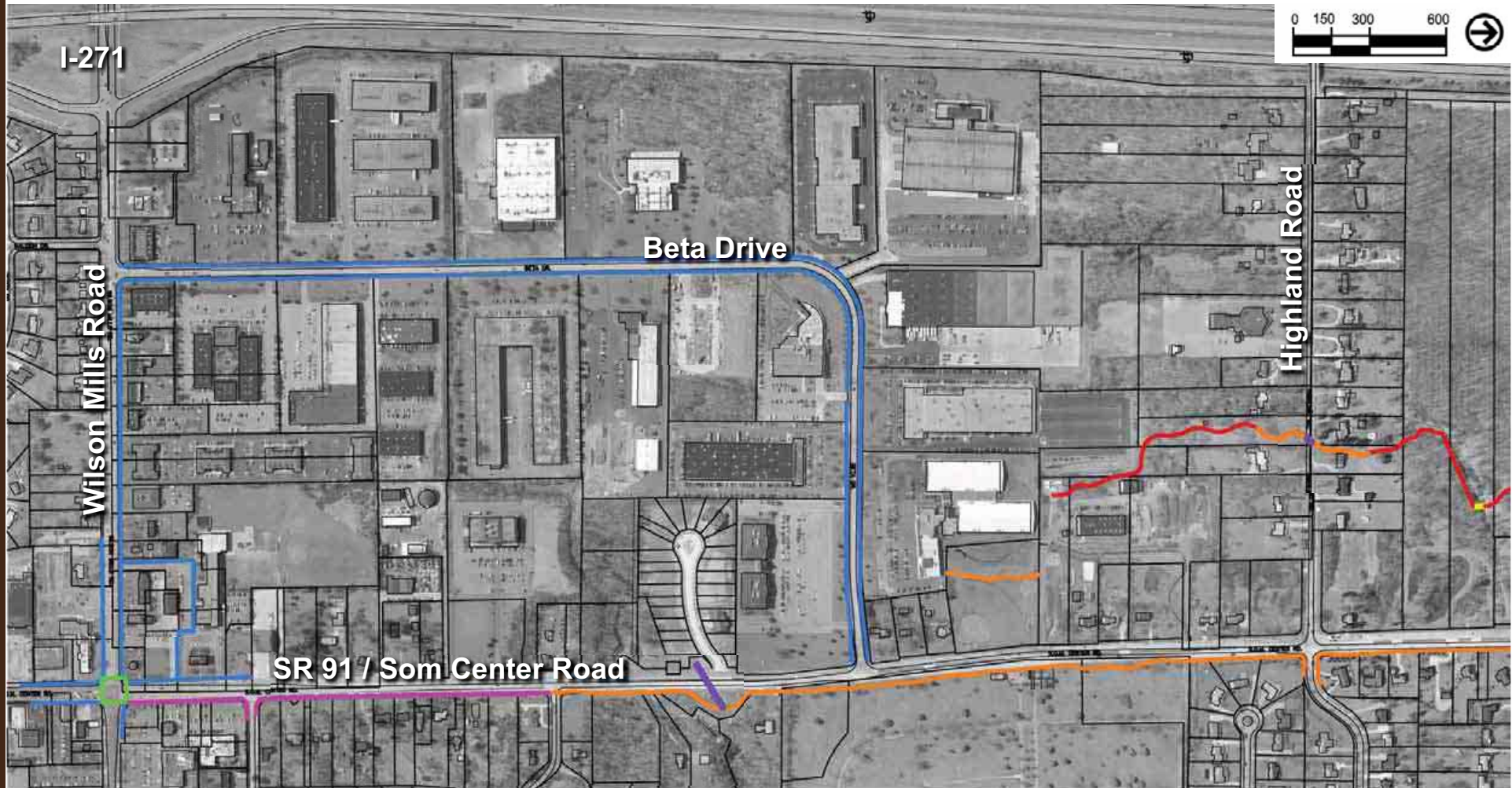
- Streams
- Wetlands
- Stream Erosion Zones
- Riparian Corridor
- Existing Pedestrian Linkages
- Approximate Watershed Boundary

Euclid Creek Watershed  
Chagrin River Watershed



### South Corridor Pedestrian Network

The Corridor will connect into more than 8 miles of an existing Pedestrian Network.



- Asphalt All Purpose Trail
- Gravel Walking Trail
- Concrete Sidewalks
- Underpasses
- Boardwalks
- Concrete Trail
- Crosswalks

Existing Trails Paving Type	Linear Feet
Asphalt All Purpose Trail	4,970
Gravel Walking Trail	1,860
Concrete Sidewalks	13,284
Concrete Trail	1,675



### North Corridor Pedestrian Network



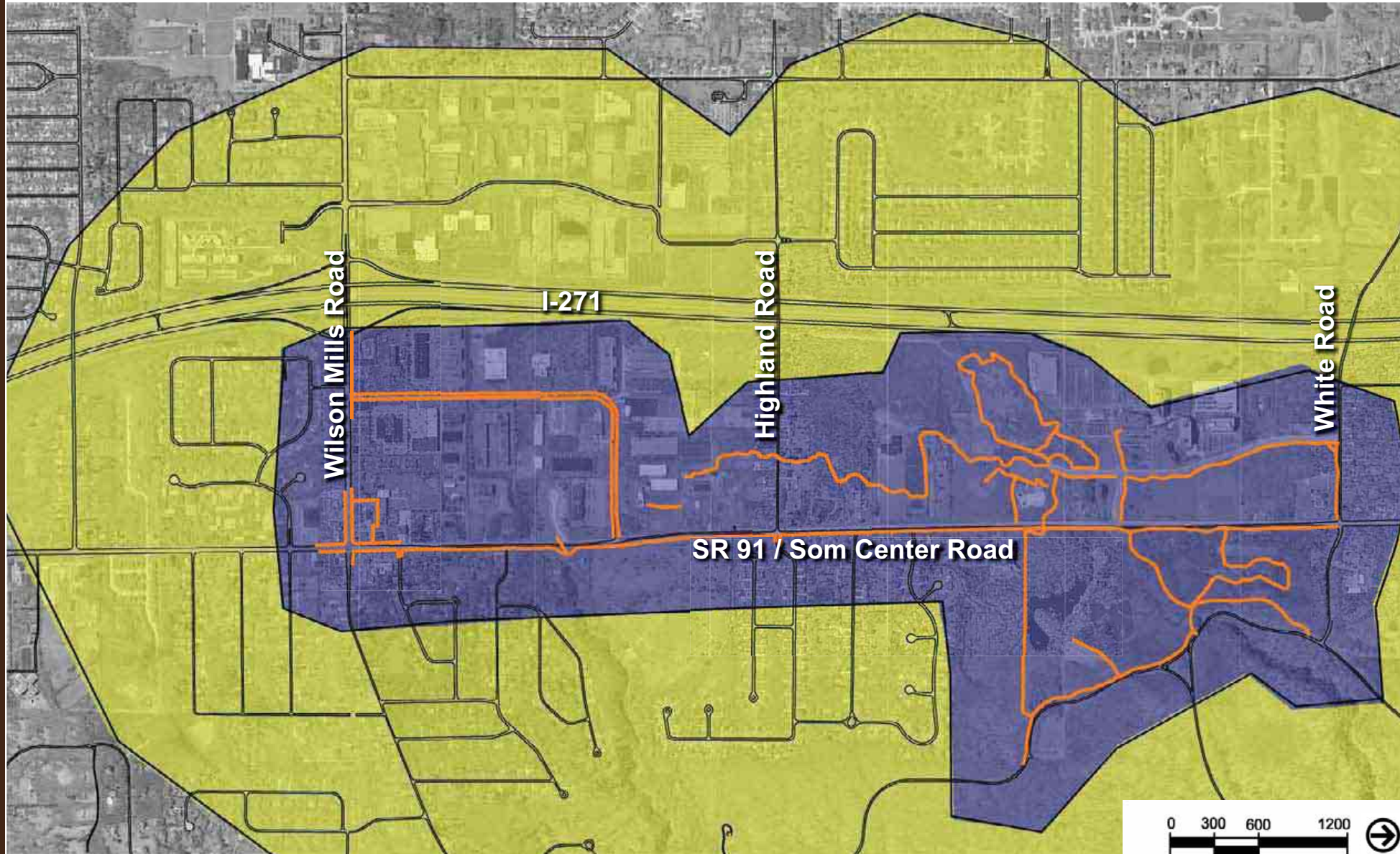
- Asphalt All Purpose Trail
- Gravel Walking Trail
- Gravel Wetland Trail
- Concrete Sidewalks
- Underpasses
- Boardwalks
- Crosswalks

Existing Trails Paving Type	Linear Feet
Asphalt All Purpose Trail	12,378
Gravel Wetland Trail	5,315
Gravel Walking Trail	8,636
Concrete Sidewalks	964



### 5 Minute Walk/Bike Ride Analysis

Just about every neighborhood and business in Mayfield Village is within a 5 minute walk or bike ride from the existing pedestrian network.



- Existing Pedestrian Network
- 5 Minute Walk Zone (800')
- 5 Minute Bike Zone (4000')



## Opportunities and Constraints

Opportunities & Constraints lay the foundation for the Alternatives Analysis phase.



### Opportunities:

- ② space for outdoor concerts/gatherings
- ③ recreation destination
- ④ opportunity for natural setting
- ⑦ existing asphalt could be utilized for trail
- ⑪ underpass offers neighborhood connectivity
- ⑭ existing sidewalk offers commercial connectivity
- ⑮ existing asphalt could be utilized for trail
- ⑰ existing asphalt could be utilized for trail
- ⑱ recreation destination
- ⑲ historic house

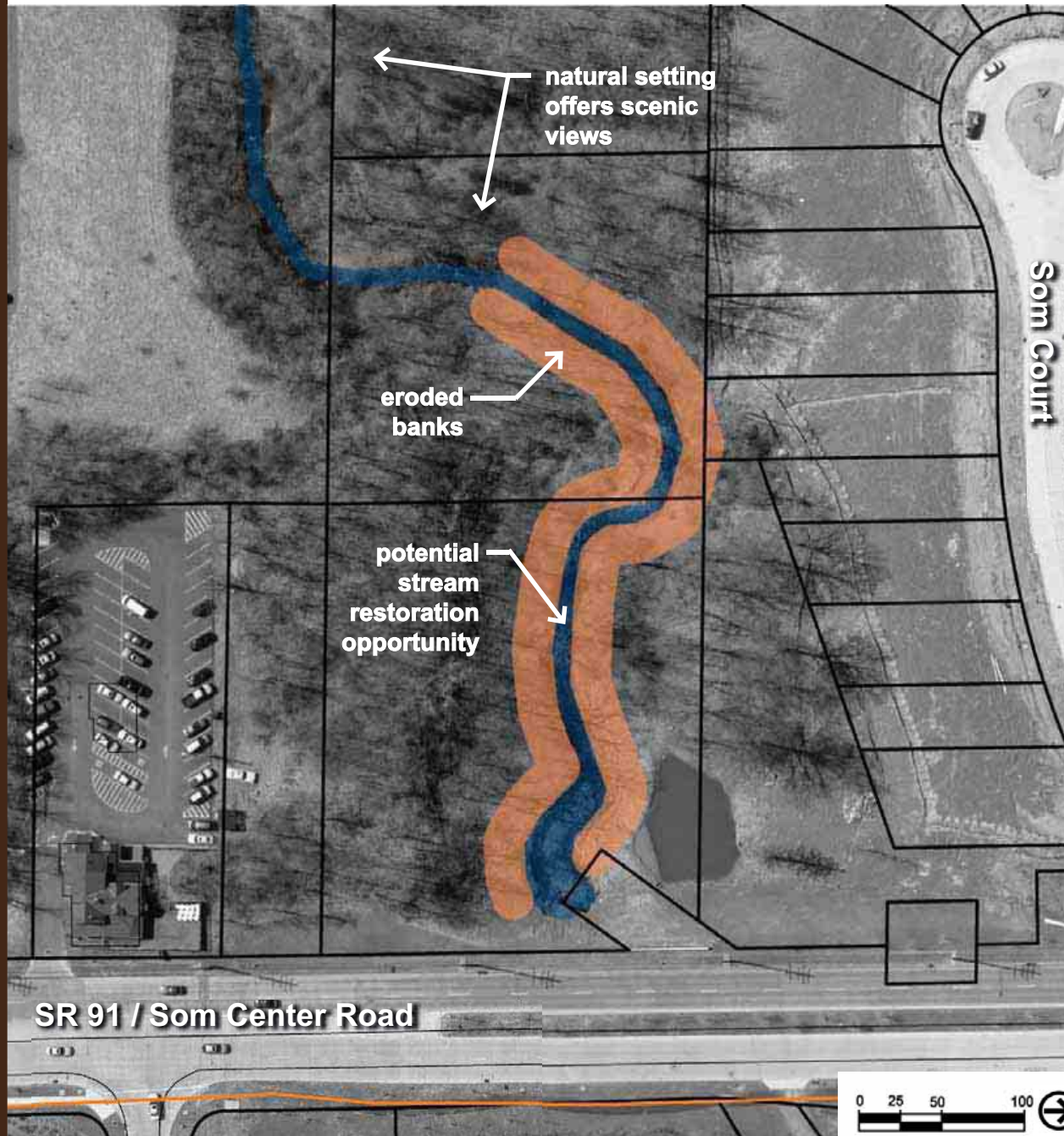
- ⑳ connection to Highland Heights
- ㉑ underpass offers neighborhood connectivity
- ㉒ opportunity for natural setting
- ㉓ recreation destination
- ㉔ existing wetland park for passive recreation
- ㉕ recreation destination
- ㉖ underpass offers neighborhood connectivity
- ㉗ existing open space
- ㉘ opportunity for connection to Progressive
- ㉙ recreation destination
- ㉚ connection to Cleveland Metro Parks

### Constraints:

- ① sidewalk trail ends without crossing
- ⑤ grades, drainage difficult
- ⑥ undesirable scenery
- ⑧ gas well
- ⑨ grades, heavily wooded, stream crossing
- ⑩ undesirable scenery
- ⑫ stream erosion
- ⑬ dumpster unattractive
- ⑰ easement/ license agreement required



### Opportunities and Constraints Detail: Beecher's Brook



#### *Opportunities*

- scenic views ideal for potential trail
- stream restoration opportunity
- existing conservation easement assures preservation of natural setting
- existing underpass provides connectivity to neighborhoods

#### *Constraints*

- bridge crossing would be needed across Beecher's Brook
- eroded banks deposit sediment into stream



About 450 LF of stream bank are severely eroded