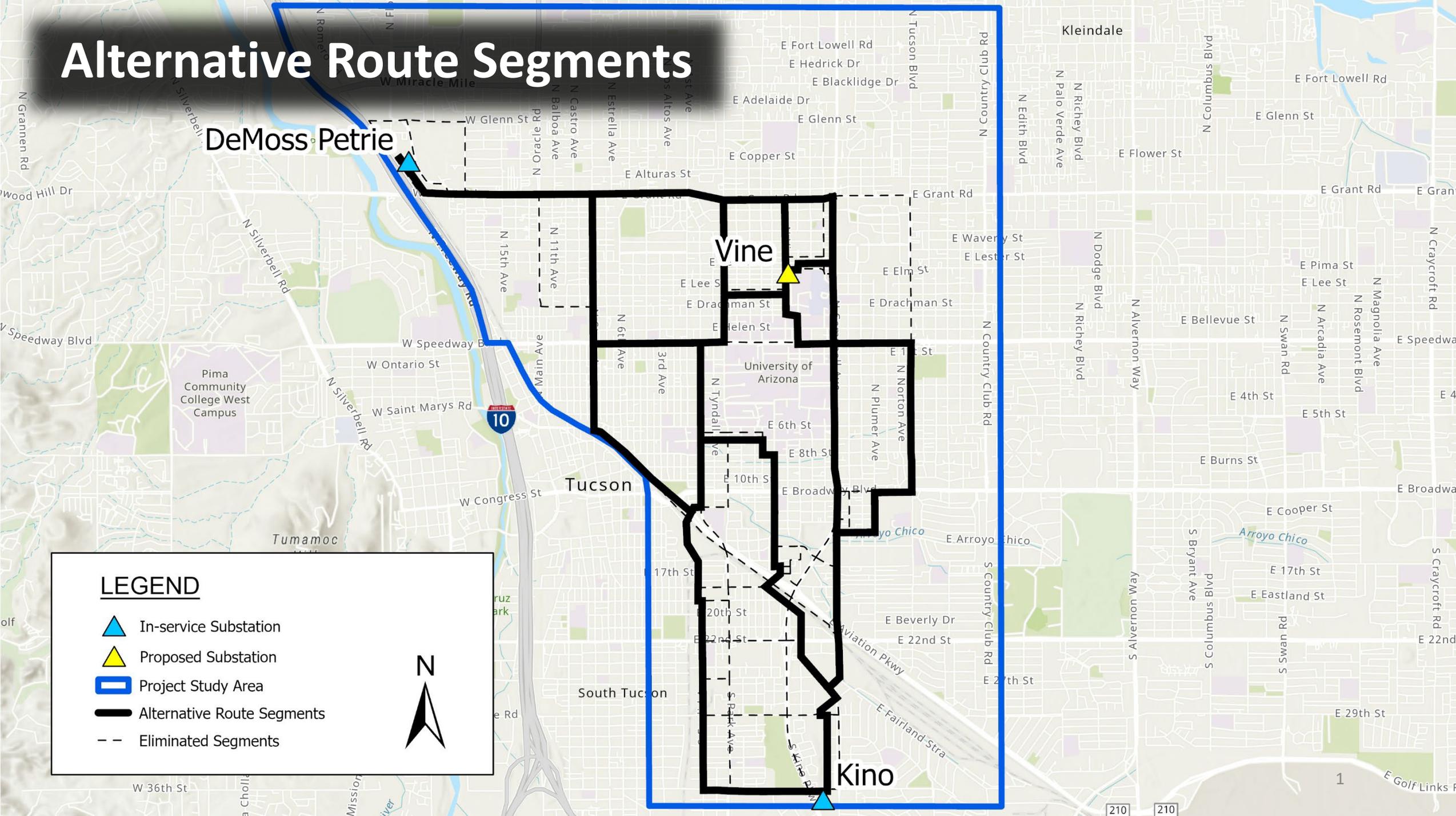
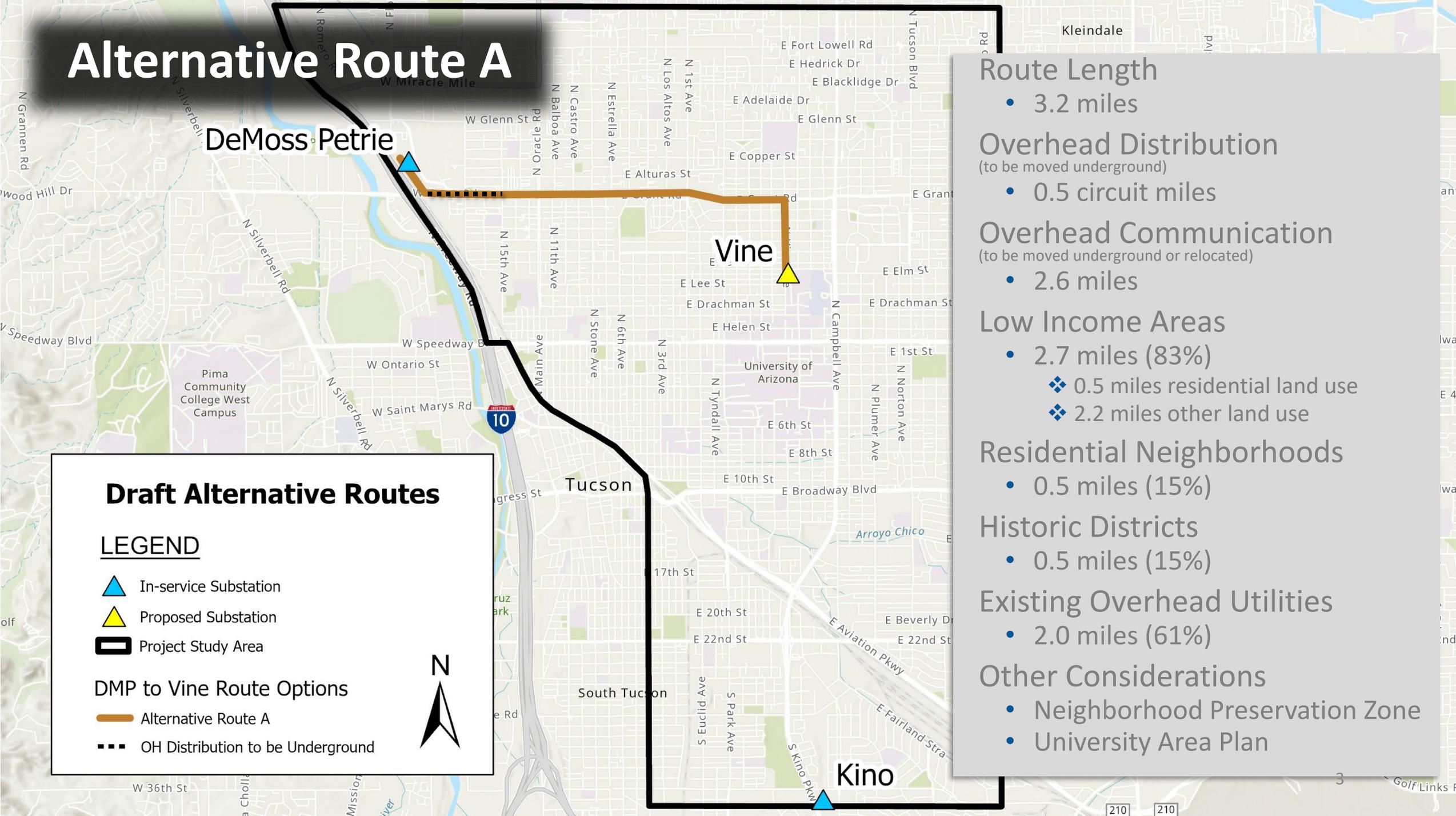


# Alternative Route Segments



## DMP to Vine Route Alternatives

# Alternative Route A



- Route Length**
  - 3.2 miles
- Overhead Distribution (to be moved underground)**
  - 0.5 circuit miles
- Overhead Communication (to be moved underground or relocated)**
  - 2.6 miles
- Low Income Areas**
  - 2.7 miles (83%)
    - ❖ 0.5 miles residential land use
    - ❖ 2.2 miles other land use
- Residential Neighborhoods**
  - 0.5 miles (15%)
- Historic Districts**
  - 0.5 miles (15%)
- Existing Overhead Utilities**
  - 2.0 miles (61%)
- Other Considerations**
  - Neighborhood Preservation Zone
  - University Area Plan

**Draft Alternative Routes**

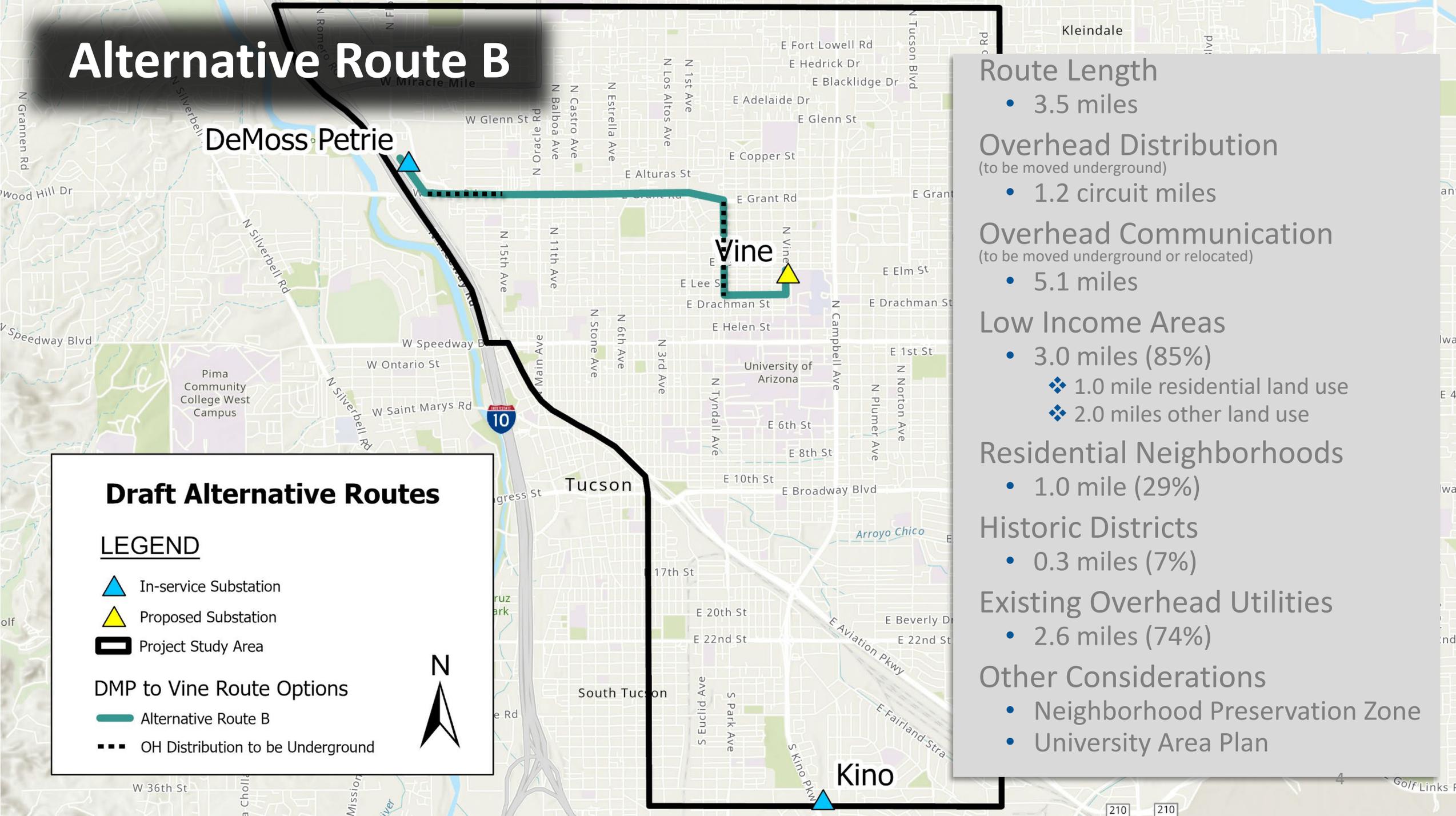
**LEGEND**

- In-service Substation
- Proposed Substation
- Project Study Area

**DMP to Vine Route Options**

- Alternative Route A
- OH Distribution to be Underground

# Alternative Route B



## Draft Alternative Routes

### LEGEND

-  In-service Substation
-  Proposed Substation
-  Project Study Area

### DMP to Vine Route Options

-  Alternative Route B
-  OH Distribution to be Underground



### Route Length

- 3.5 miles

### Overhead Distribution

(to be moved underground)

- 1.2 circuit miles

### Overhead Communication

(to be moved underground or relocated)

- 5.1 miles

### Low Income Areas

- 3.0 miles (85%)
  - ❖ 1.0 mile residential land use
  - ❖ 2.0 miles other land use

### Residential Neighborhoods

- 1.0 mile (29%)

### Historic Districts

- 0.3 miles (7%)

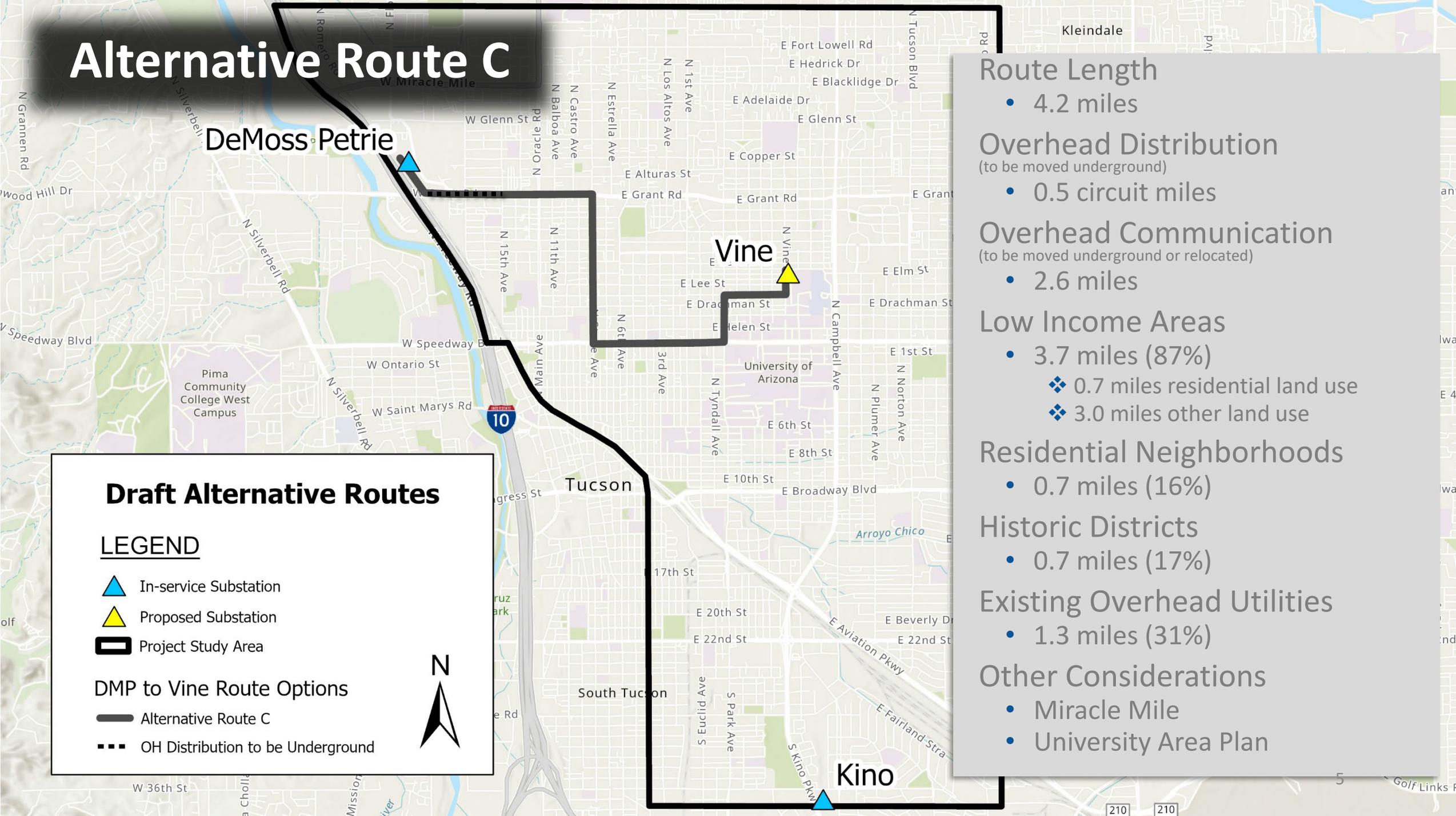
### Existing Overhead Utilities

- 2.6 miles (74%)

### Other Considerations

- Neighborhood Preservation Zone
- University Area Plan

# Alternative Route C



## Draft Alternative Routes

### LEGEND

-  In-service Substation
-  Proposed Substation
-  Project Study Area

### DMP to Vine Route Options

-  Alternative Route C
-  OH Distribution to be Underground



## Route Length

- 4.2 miles

## Overhead Distribution (to be moved underground)

- 0.5 circuit miles

## Overhead Communication (to be moved underground or relocated)

- 2.6 miles

## Low Income Areas

- 3.7 miles (87%)
  - ❖ 0.7 miles residential land use
  - ❖ 3.0 miles other land use

## Residential Neighborhoods

- 0.7 miles (16%)

## Historic Districts

- 0.7 miles (17%)

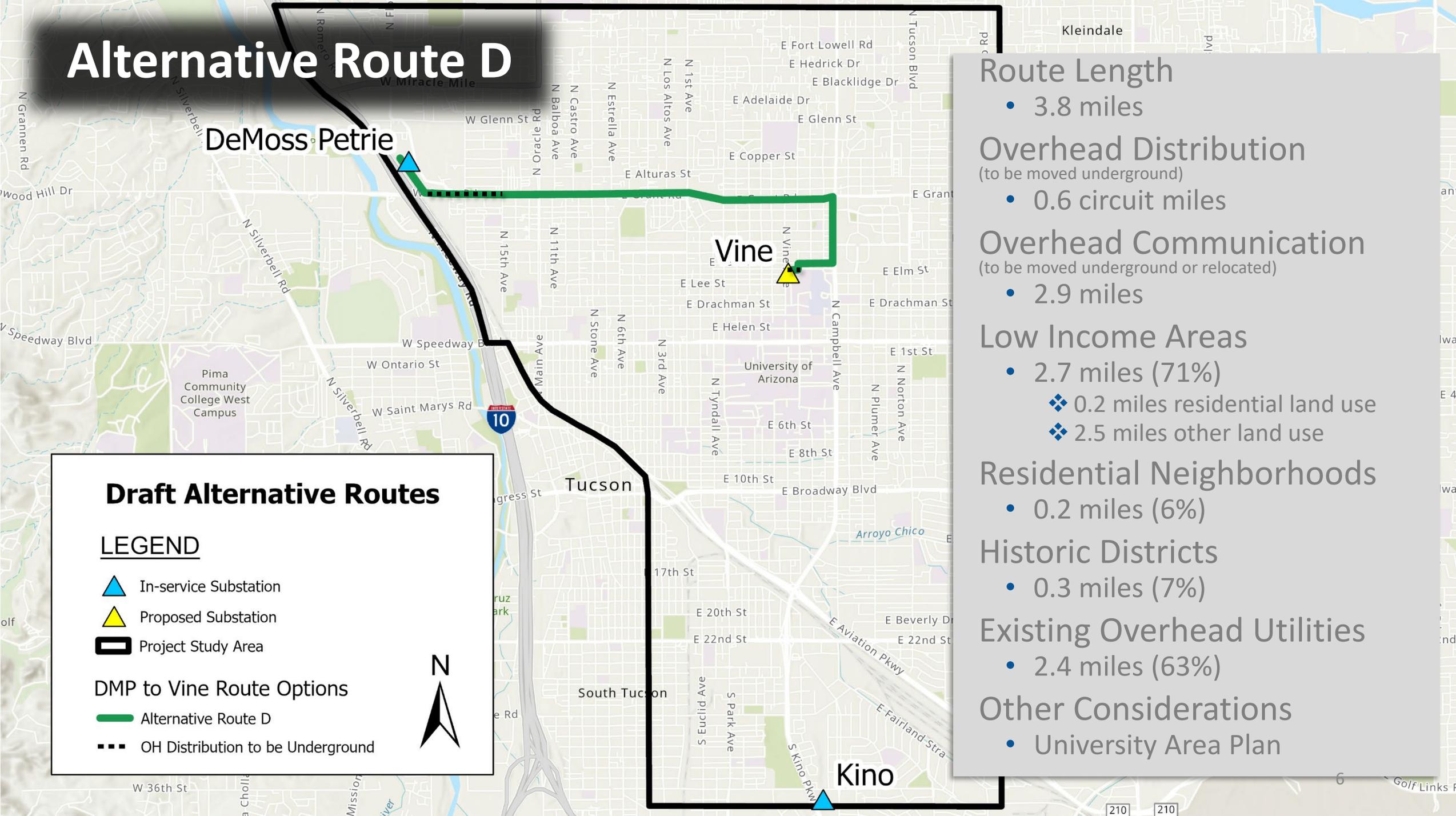
## Existing Overhead Utilities

- 1.3 miles (31%)

## Other Considerations

- Miracle Mile
- University Area Plan

# Alternative Route D



**Route Length**

- 3.8 miles

**Overhead Distribution**  
(to be moved underground)

- 0.6 circuit miles

**Overhead Communication**  
(to be moved underground or relocated)

- 2.9 miles

**Low Income Areas**

- 2.7 miles (71%)
  - ❖ 0.2 miles residential land use
  - ❖ 2.5 miles other land use

**Residential Neighborhoods**

- 0.2 miles (6%)

**Historic Districts**

- 0.3 miles (7%)

**Existing Overhead Utilities**

- 2.4 miles (63%)

**Other Considerations**

- University Area Plan

**Draft Alternative Routes**

**LEGEND**

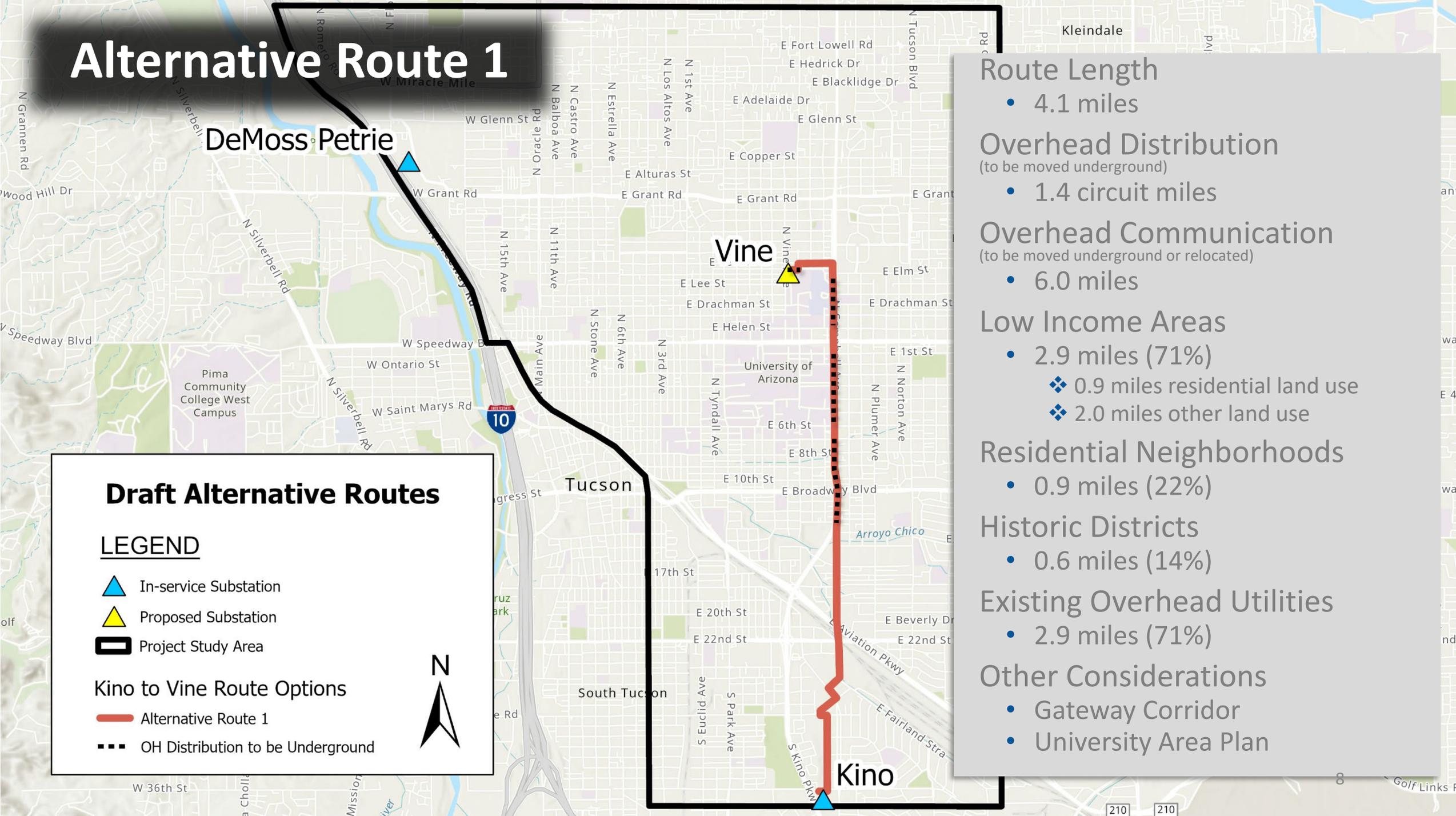
- In-service Substation
- Proposed Substation
- Project Study Area

**DMP to Vine Route Options**

- Alternative Route D
- OH Distribution to be Underground

## Kino to Vine Route Alternatives

# Alternative Route 1



DeMoss Petrie

Vine

Tucson

South Tucson

Kino

Kleindale

## Route Length

- 4.1 miles

## Overhead Distribution

(to be moved underground)

- 1.4 circuit miles

## Overhead Communication

(to be moved underground or relocated)

- 6.0 miles

## Low Income Areas

- 2.9 miles (71%)
  - ❖ 0.9 miles residential land use
  - ❖ 2.0 miles other land use

## Residential Neighborhoods

- 0.9 miles (22%)

## Historic Districts

- 0.6 miles (14%)

## Existing Overhead Utilities

- 2.9 miles (71%)

## Other Considerations

- Gateway Corridor
- University Area Plan

## Draft Alternative Routes

### LEGEND

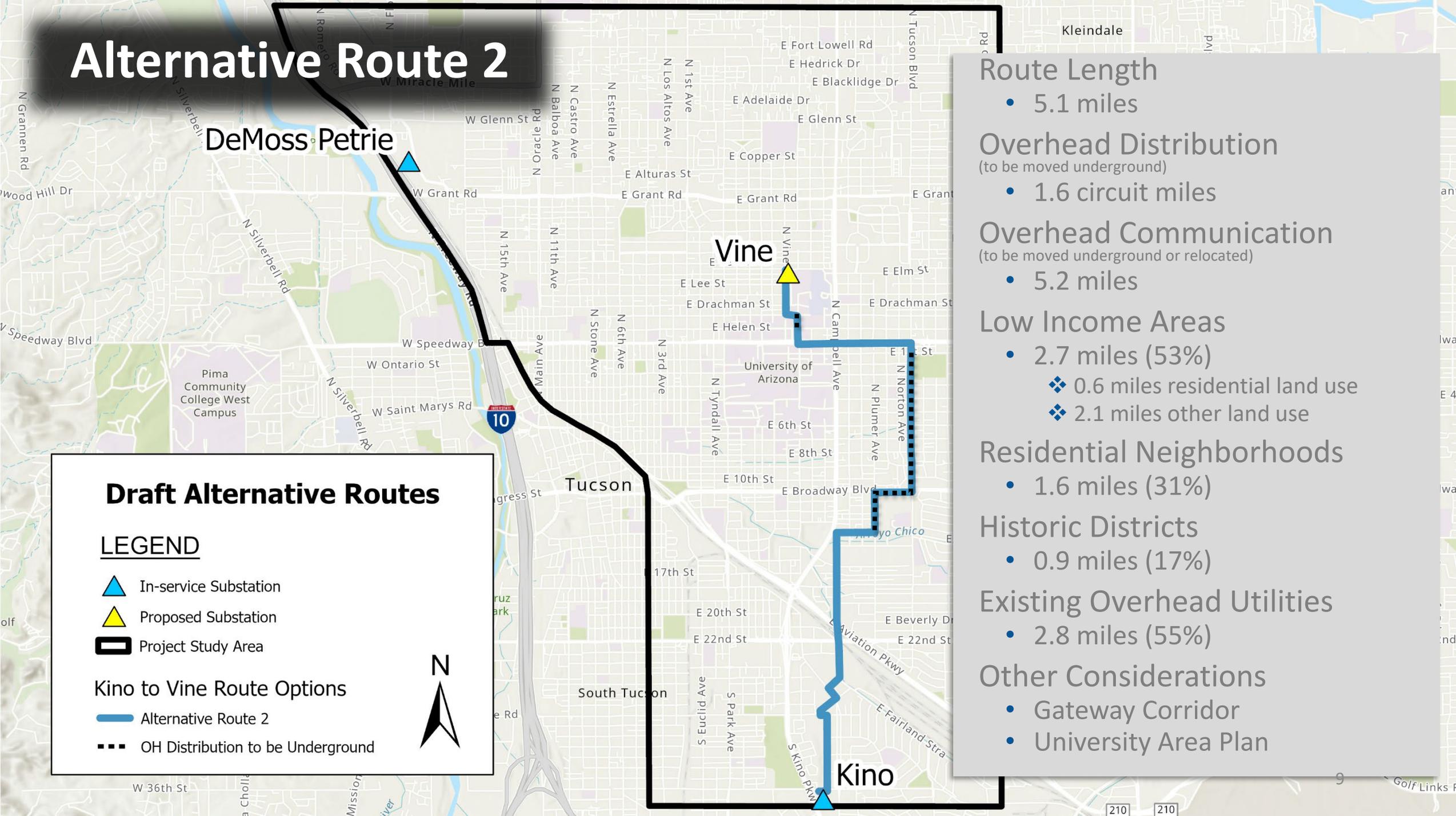
-  In-service Substation
-  Proposed Substation
-  Project Study Area

### Kino to Vine Route Options

-  Alternative Route 1
-  OH Distribution to be Underground



# Alternative Route 2



DeMoss Petrie

Vine

Kino

## Draft Alternative Routes

### LEGEND

-  In-service Substation
-  Proposed Substation
-  Project Study Area

### Kino to Vine Route Options

-  Alternative Route 2
-  OH Distribution to be Underground



### Route Length

- 5.1 miles

### Overhead Distribution

(to be moved underground)

- 1.6 circuit miles

### Overhead Communication

(to be moved underground or relocated)

- 5.2 miles

### Low Income Areas

- 2.7 miles (53%)
  - ❖ 0.6 miles residential land use
  - ❖ 2.1 miles other land use

### Residential Neighborhoods

- 1.6 miles (31%)

### Historic Districts

- 0.9 miles (17%)

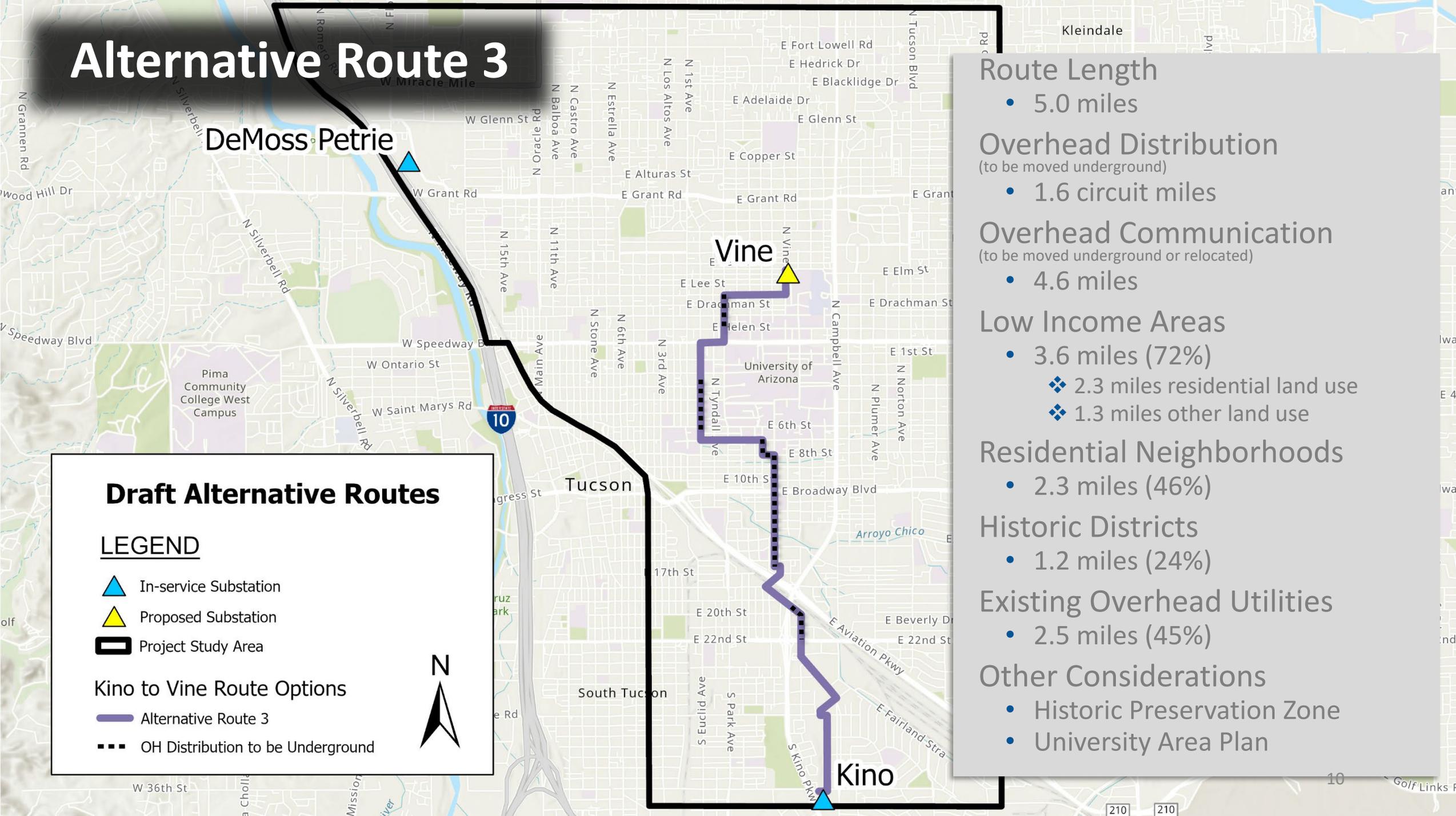
### Existing Overhead Utilities

- 2.8 miles (55%)

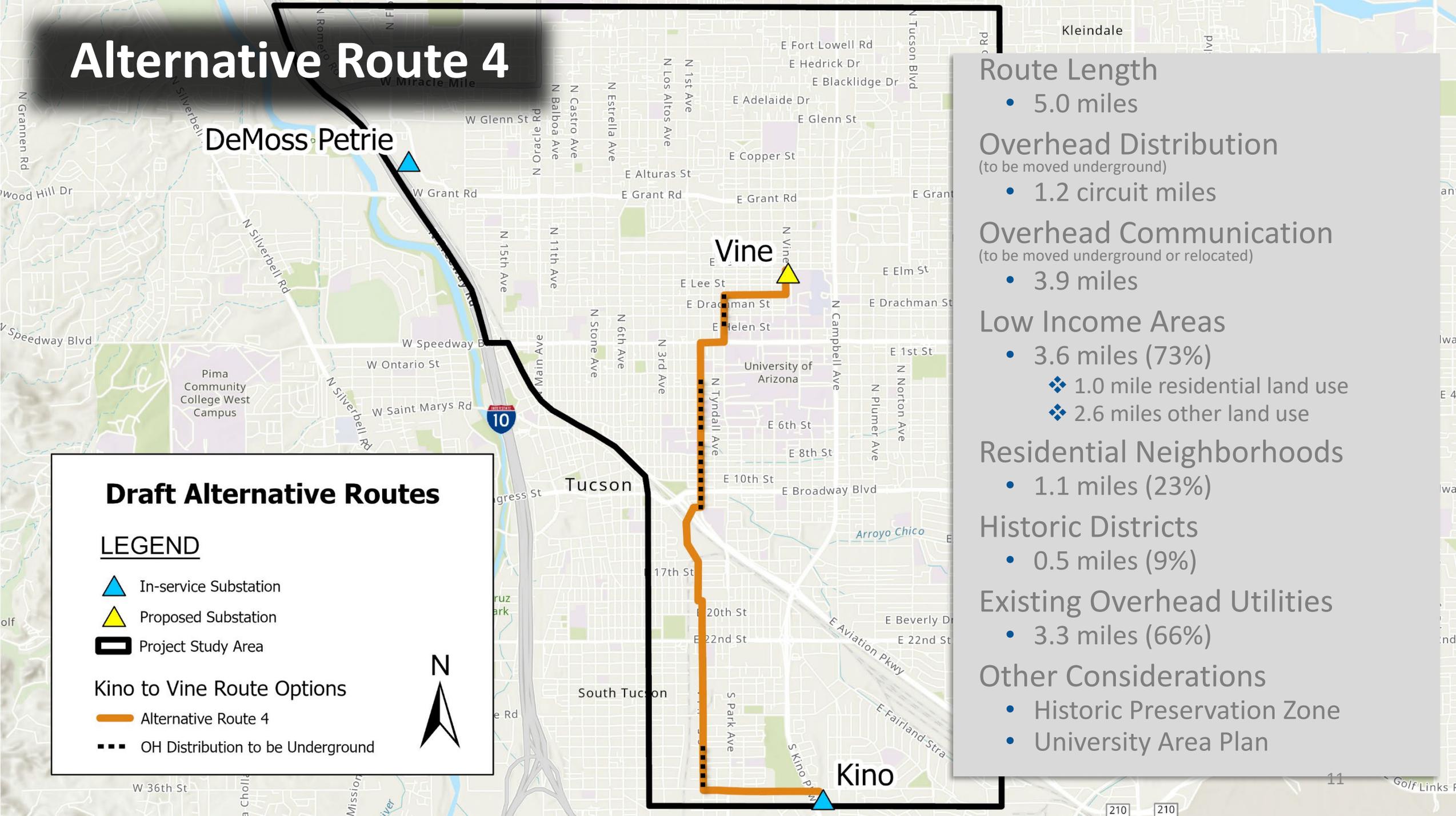
### Other Considerations

- Gateway Corridor
- University Area Plan

# Alternative Route 3



# Alternative Route 4



## Draft Alternative Routes

### LEGEND

-  In-service Substation
-  Proposed Substation
-  Project Study Area

### Kino to Vine Route Options

-  Alternative Route 4
-  OH Distribution to be Underground

## Route Length

- 5.0 miles

## Overhead Distribution (to be moved underground)

- 1.2 circuit miles

## Overhead Communication (to be moved underground or relocated)

- 3.9 miles

## Low Income Areas

- 3.6 miles (73%)
  - ❖ 1.0 mile residential land use
  - ❖ 2.6 miles other land use

## Residential Neighborhoods

- 1.1 miles (23%)

## Historic Districts

- 0.5 miles (9%)

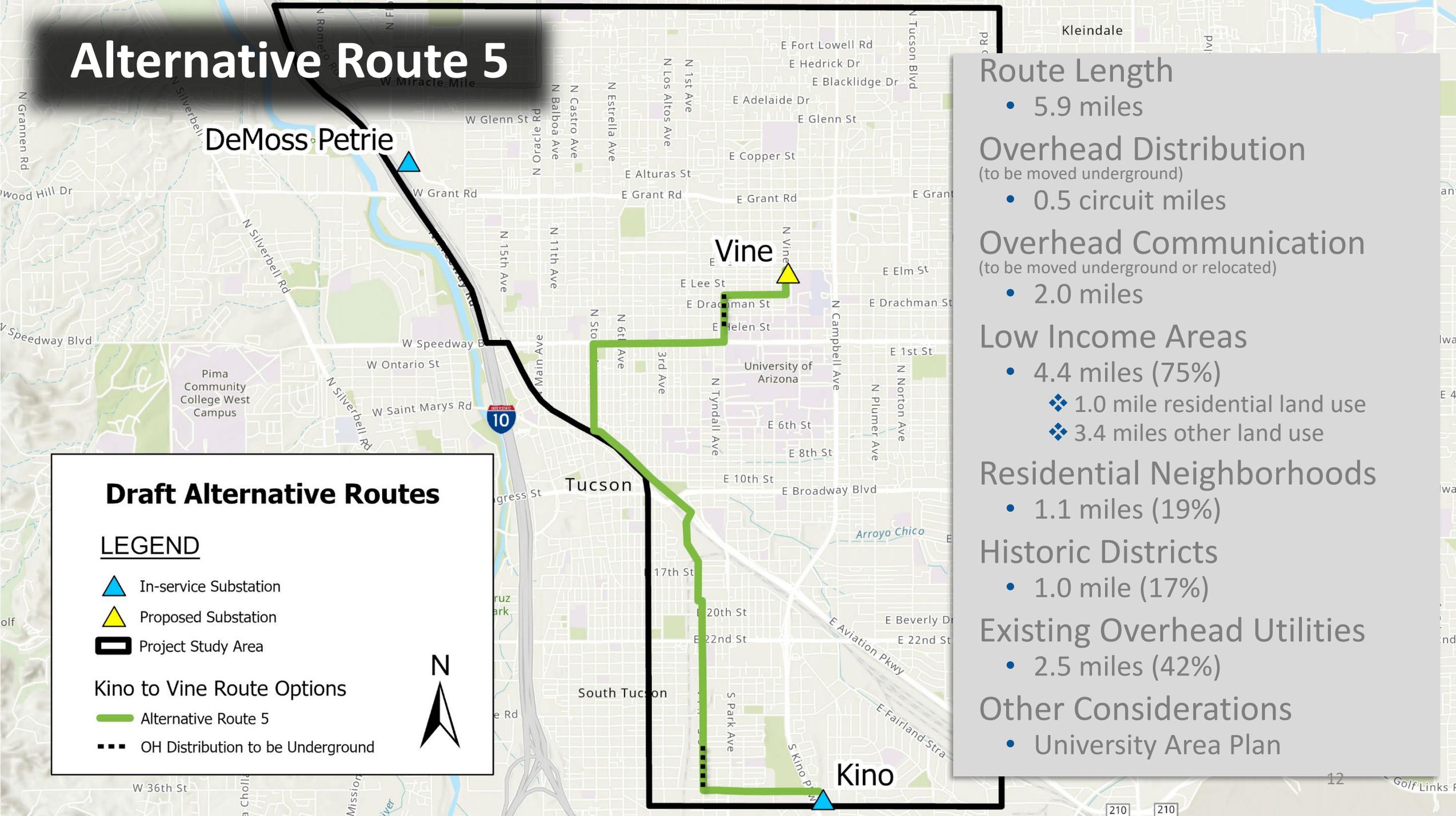
## Existing Overhead Utilities

- 3.3 miles (66%)

## Other Considerations

- Historic Preservation Zone
- University Area Plan

# Alternative Route 5



DeMoss Petrie

Vine

Tucson

Kino

Kleindale

## Draft Alternative Routes

### LEGEND

-  In-service Substation
-  Proposed Substation
-  Project Study Area

### Kino to Vine Route Options

-  Alternative Route 5
-  OH Distribution to be Underground



## Route Length

- 5.9 miles

## Overhead Distribution

(to be moved underground)

- 0.5 circuit miles

## Overhead Communication

(to be moved underground or relocated)

- 2.0 miles

## Low Income Areas

- 4.4 miles (75%)
  - ❖ 1.0 mile residential land use
  - ❖ 3.4 miles other land use

## Residential Neighborhoods

- 1.1 miles (19%)

## Historic Districts

- 1.0 mile (17%)

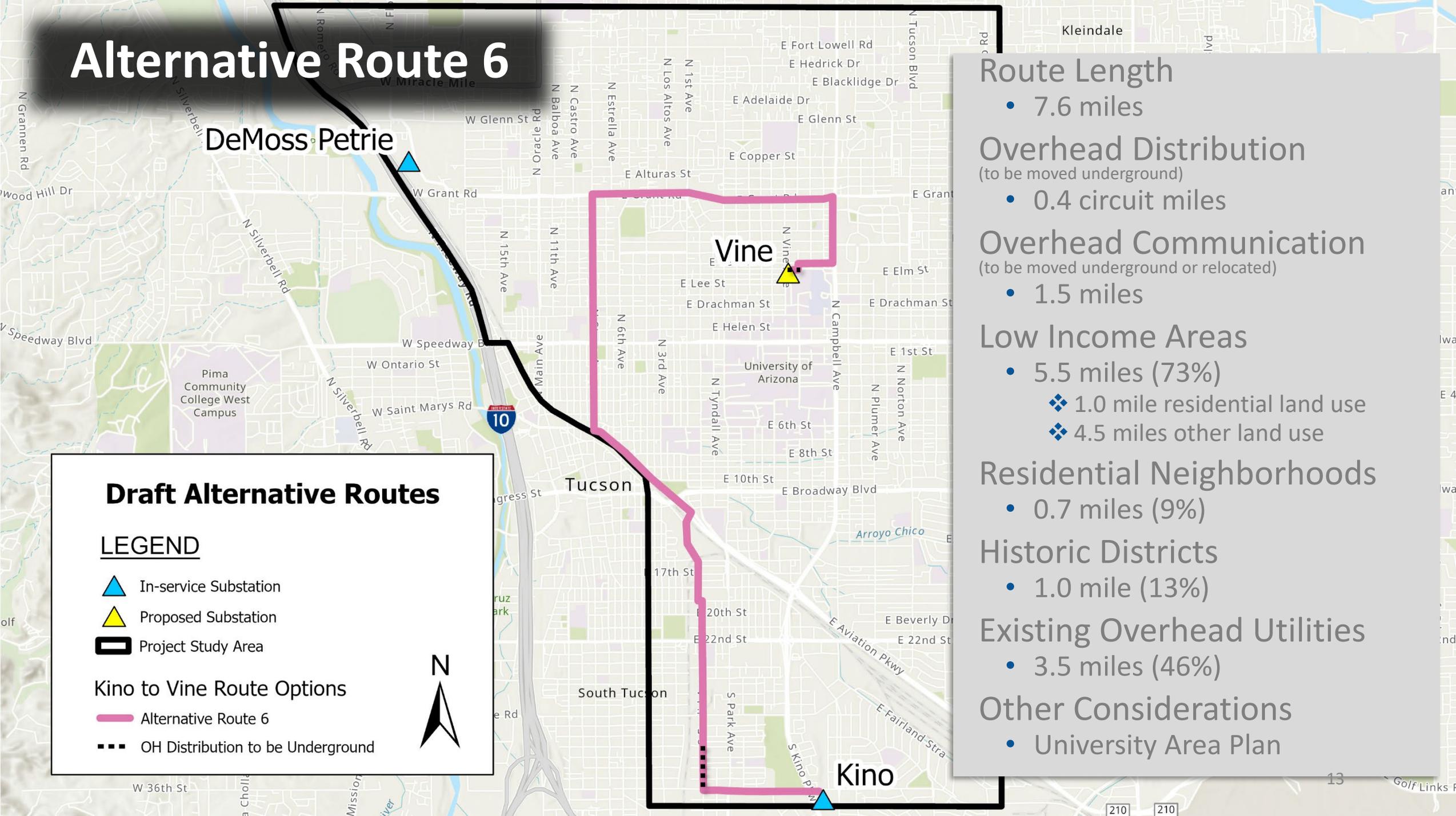
## Existing Overhead Utilities

- 2.5 miles (42%)

## Other Considerations

- University Area Plan

# Alternative Route 6



DeMoss Petrie

Vine

Kleindale

Tucson

Kino

## Draft Alternative Routes

### LEGEND

-  In-service Substation
-  Proposed Substation
-  Project Study Area

### Kino to Vine Route Options

-  Alternative Route 6
-  OH Distribution to be Underground



## Route Length

- 7.6 miles

## Overhead Distribution

(to be moved underground)

- 0.4 circuit miles

## Overhead Communication

(to be moved underground or relocated)

- 1.5 miles

## Low Income Areas

- 5.5 miles (73%)
  - ❖ 1.0 mile residential land use
  - ❖ 4.5 miles other land use

## Residential Neighborhoods

- 0.7 miles (9%)

## Historic Districts

- 1.0 mile (13%)

## Existing Overhead Utilities

- 3.5 miles (46%)

## Other Considerations

- University Area Plan