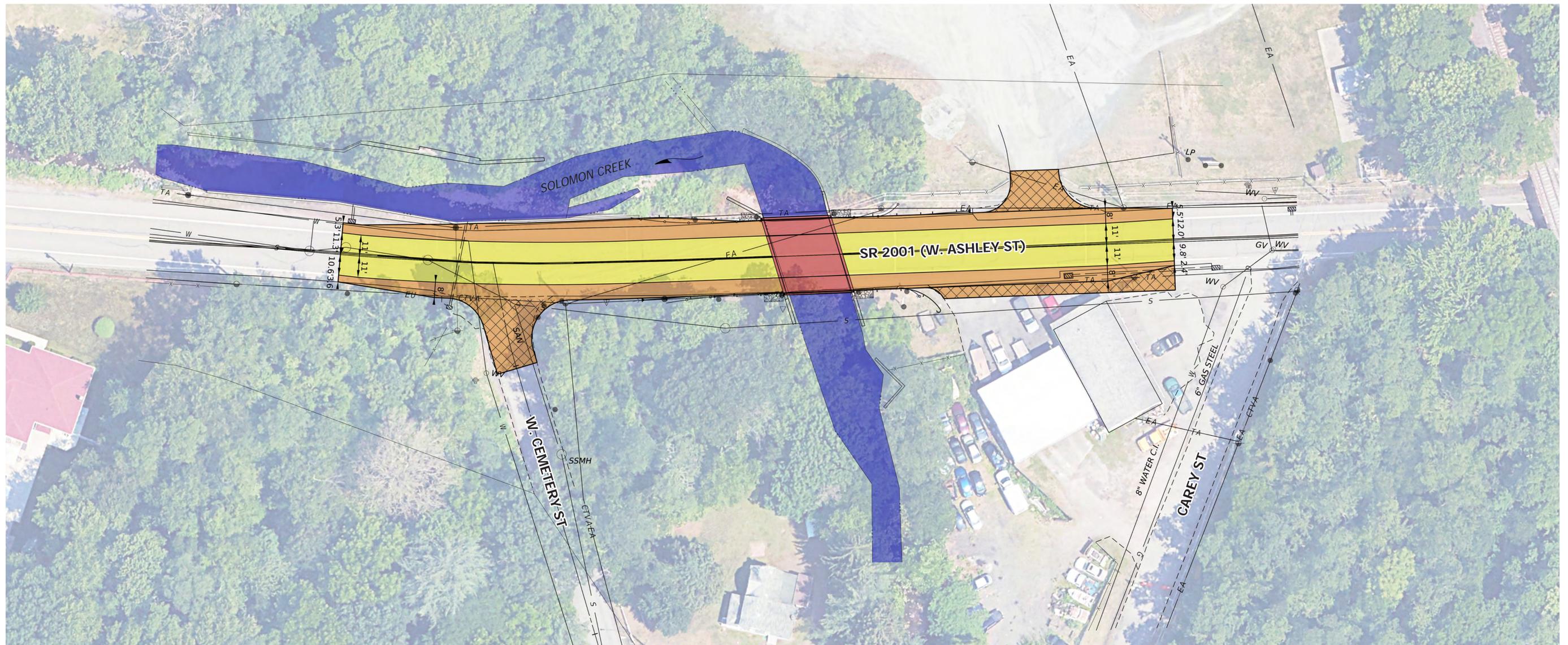


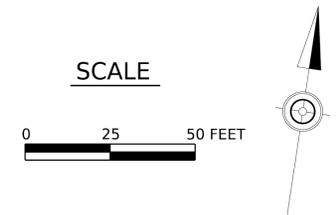
# State Route 2001-350 over Solomon Creek Ashley Borough, Luzerne County, Pennsylvania



**PROPOSED ROADWAY PLAN**

**LEGEND**

- PROPOSED ROADWAY
- PROPOSED SHOULDER
- WATER
- PROPOSED BRIDGE REHABILITATION
- SECONDARY STREET/DRIVEWAY IMPROVEMENTS



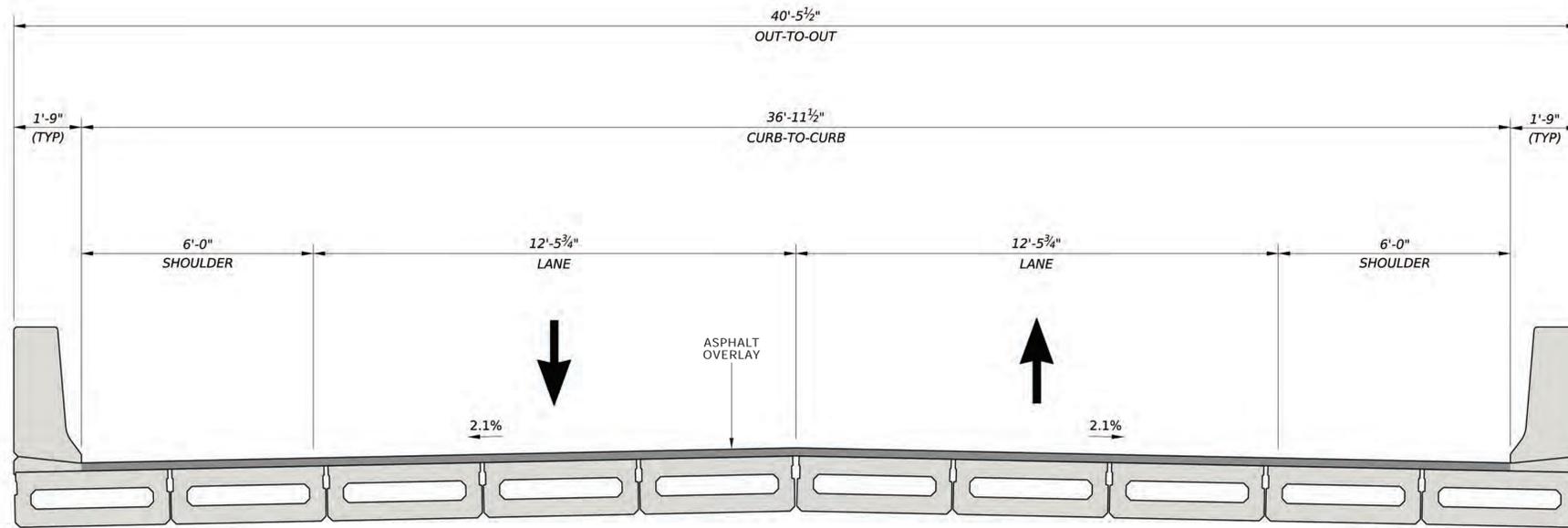
PRELIMINARY DRAWING OR INFORMATION  
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Pennsylvania  
Department of Transportation



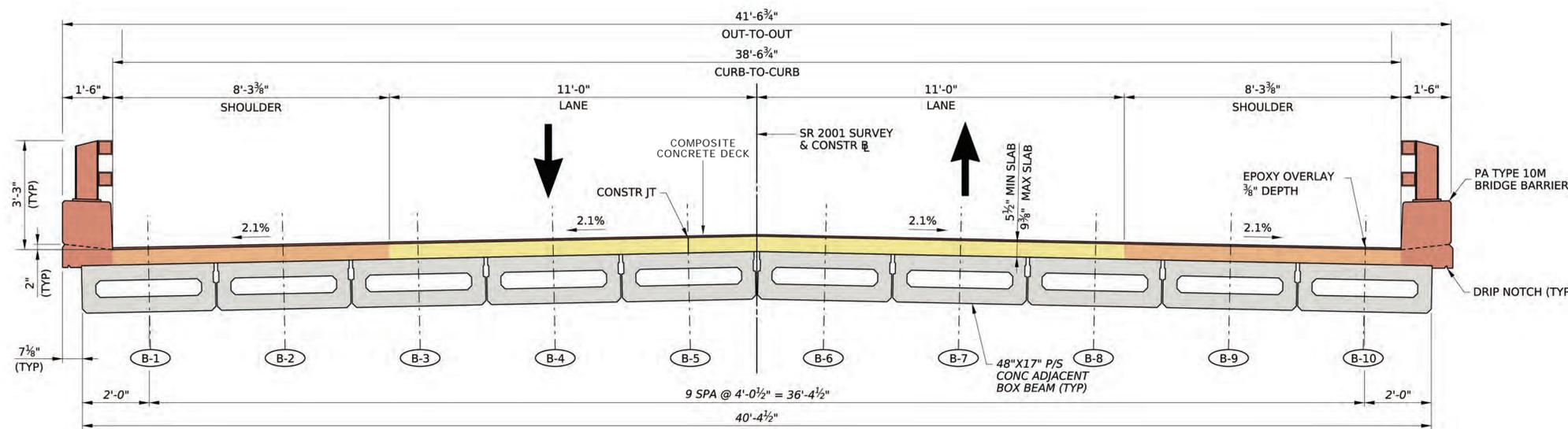
# State Route 2001-350 over Solomon Creek Ashley Borough, Luzerne County, Pennsylvania



**EXISTING TYPICAL SECTION**



**EXISTING BRIDGE**



**PROPOSED TYPICAL SECTION**



**LEGEND**

- PROPOSED ROADWAY
- PROPOSED SHOULDER
- PROPOSED BRIDGE BARRIER

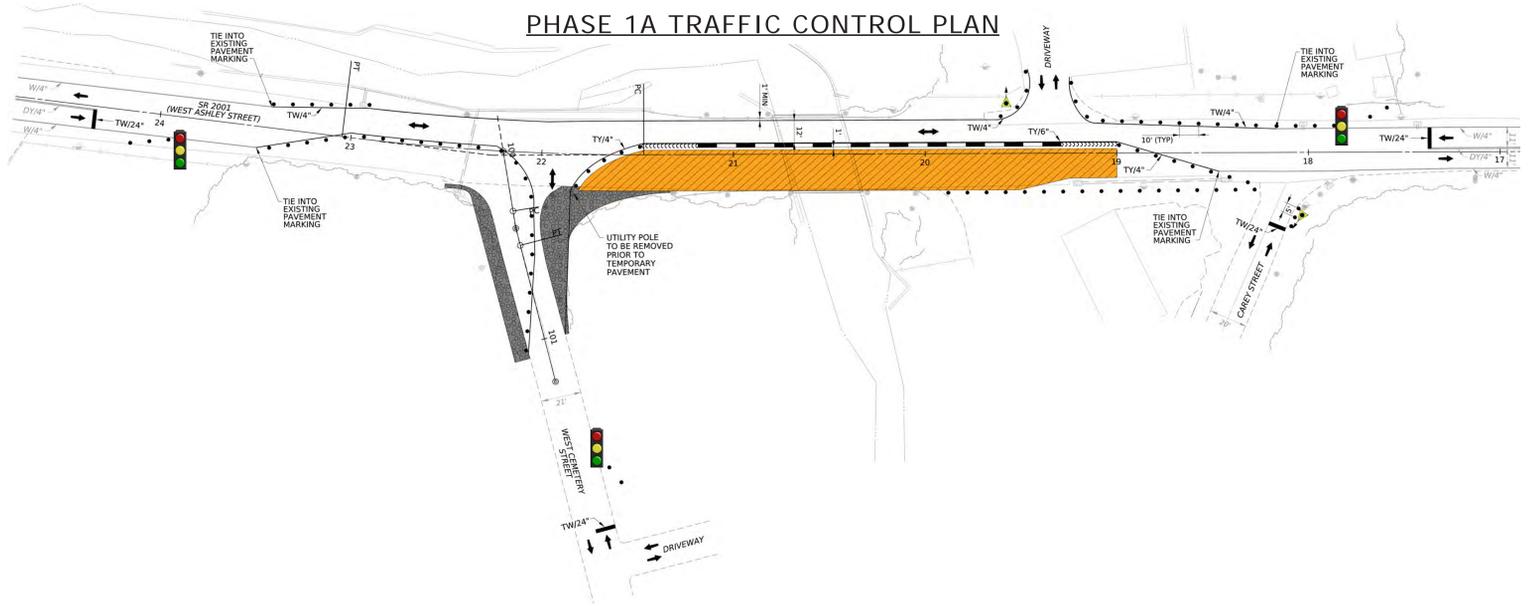
**SCOPE OF BRIDGE REHABILITATION:**

1. All work to be done utilizing phased construction.
2. Remove the existing asphalt overlay on the existing bridge beams and remove the existing concrete bridge barriers. Retain existing barrier bars protruding from beam as indicated. Abrasive blast the top of the concrete beams to remove partially loosened concrete chips and all foreign material. (Abrasive blasting incidental to removal of portion of existing bridge).
3. Survey the top of the existing beams at tenth points. The elevations surveyed will be used as a baseline for the camber and dead load deflection due to the beams. Use the dead load deflection due to the new concrete deck slab for setting the screed rail in order to determine the finished deck slab elevations.
4. Saw cut existing cheekwalls as indicated. Construct new concrete cheekwalls.
5. Excavate the area behind the abutment and wingwalls and install foundation drains at the abutment and wingwalls.
6. Remove and replace any loose grout material in shear keys as directed.
7. Repair spalled or delaminated concrete on the top of the exposed concrete beams as directed.
8. Drill holes and install reinforcement bars in the top of beams to make the structure composite.
9. Construct new reinforced concrete deck slab.
10. Construct new PA Type 10M bridge barrier including approach guide rail transition.
11. Pressure wash outside and bottom faces of exterior fascia beams to remove all foreign material and apply protective coatings for concrete surfaces (epoxy resin) as indicated.
12. Apply protective coating for reinforced concrete surfaces (penetrating sealers, bridge superstructure).
13. Apply protective coating for reinforced concrete surfaces (penetrating sealers, reinforced concrete substructure surfaces) (epoxy resin) as indicated.
14. Reconstruct approach roadway and approach guide rail including installation of geosynthetic stabilized bridge approach (GSBA).
15. Install epoxy overlay to the bridge deck.
16. Perform concrete repairs to substructure units.

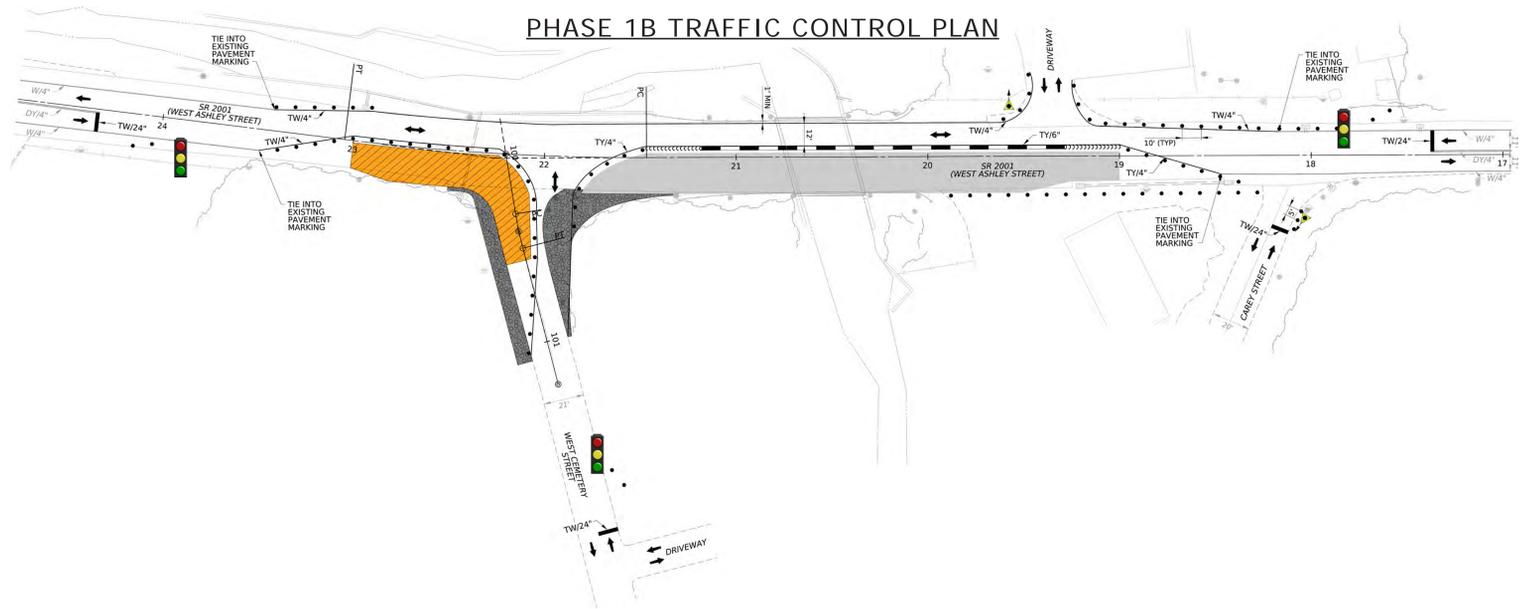


# State Route 2001-350 over Solomon Creek Ashley Borough, Luzerne County, Pennsylvania

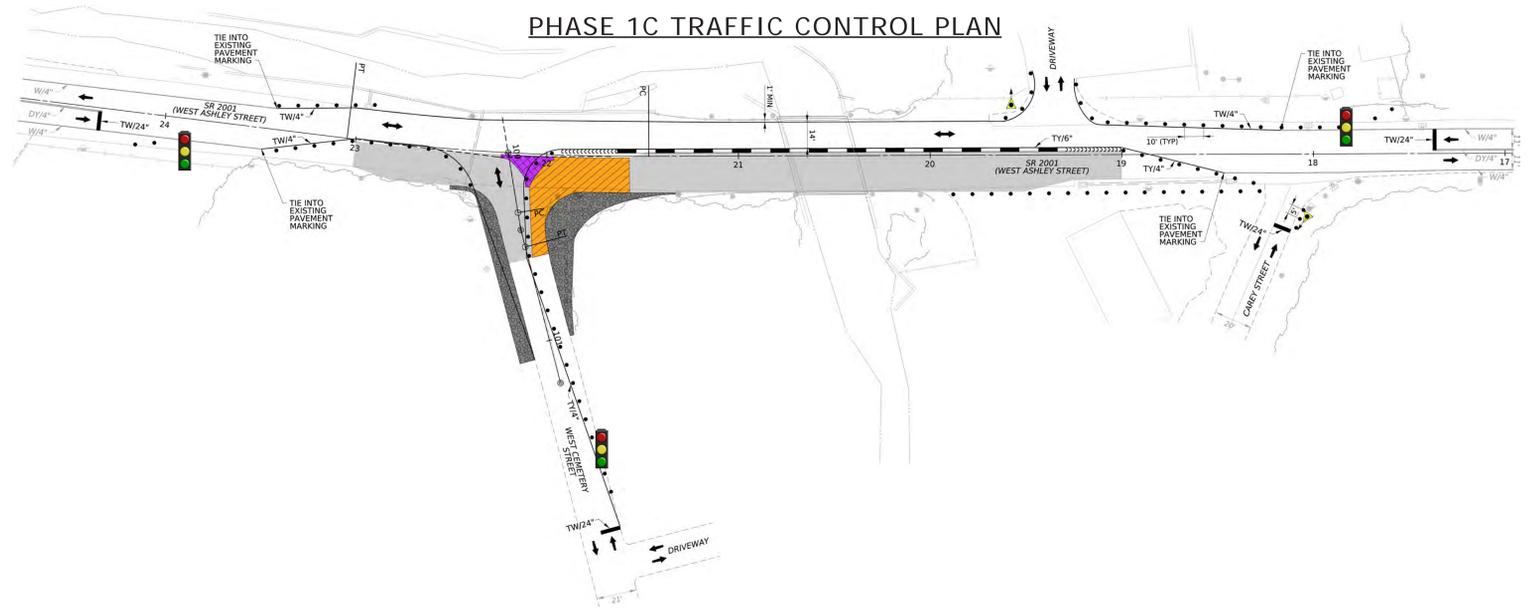
## PHASE 1A TRAFFIC CONTROL PLAN



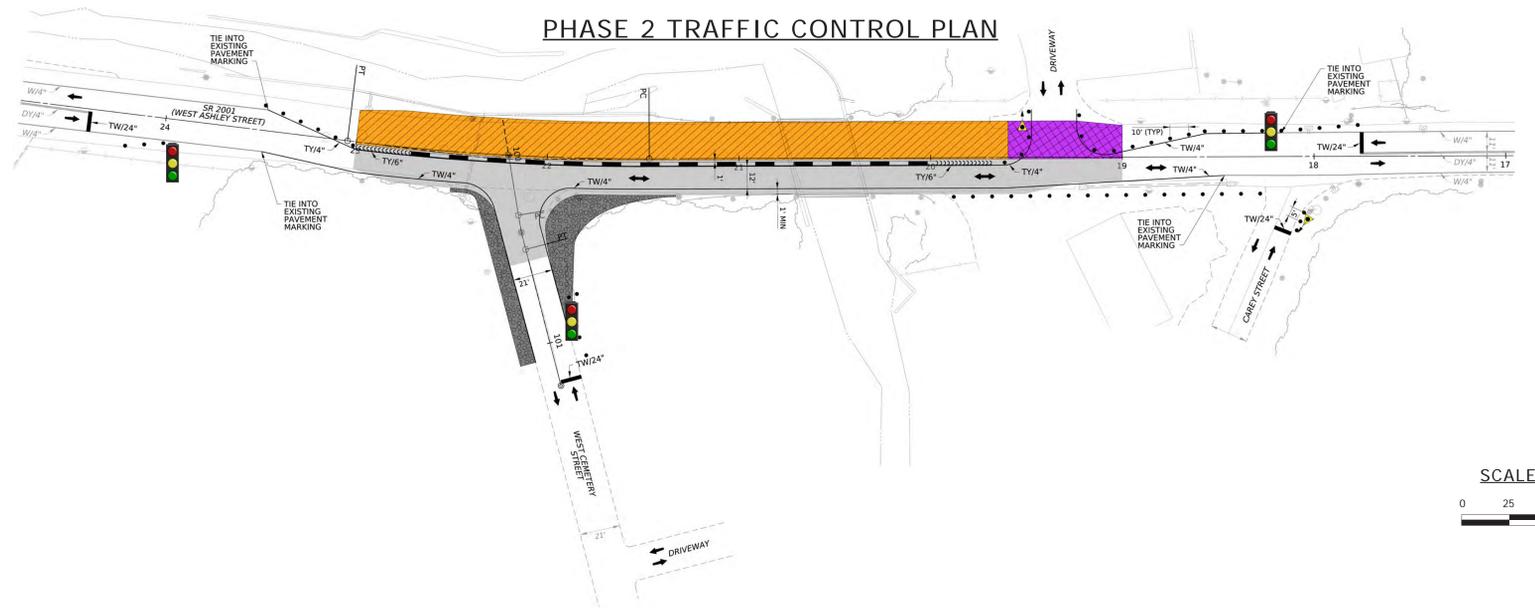
## PHASE 1B TRAFFIC CONTROL PLAN



## PHASE 1C TRAFFIC CONTROL PLAN

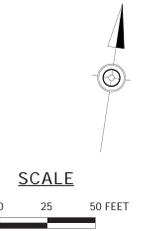


## PHASE 2 TRAFFIC CONTROL PLAN



### LEGEND

-  LONG-TERM WORK ZONE
-  SHORT-TERM WORK ZONE
-  TEMPORARY PAVEMENT
-  PREVIOUSLY CONSTRUCTED PAVEMENT
-  TRAFFIC TEMPORARY SIGNAL
-  RESIDENTIAL DRIVEWAY TEMPORARY SIGNAL
-  CHANNELIZING DEVICE
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY IMPACT ATTENUATOR, TYPE V
-  TRAFFIC FLOW
-  TY/6" TEMPORARY YELLOW LINE/WIDTH
-  TW/6" TEMPORARY SOLID WHITE LINE/WIDTH
-  W/4" EXISTING SOLID WHITE LINE/WIDTH
-  DY/4" EXISTING DOUBLE YELLOW LINE/WIDTH



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