

BRIDGE IMPROVEMENT PLAN

**EXISTING BRIDGE
(TO BE REPLACED)**

BALDYS THOMAS, E. &
MARIE F. BALDYS

AL-PAT
DRIVE

YELLOW
CREEK
BREECHES

NORFOLK
SOUTHERN
CORPORATION

NORFOLK SOUTHERN RAILWAY

ROGER C. & MARY
C. PETRONE

NORTH
GRANTHAM
ROAD
(T-913)

MILL ROAD

LEGEND

- EXISTING ROADWAY
- PROPOSED SHOULDER
- PROPOSED BRIDGE
- PROPOSED ROADWAY APPROACH
- YELLOW BREECHES CREEK
- TREE LINE
- CLEARED FOR STAGING AREA

LEGAL RIGHT-OF-WAY LINE

BENJAMIN P. &
KRISTEN L. SLABAUGH

NORFOLK
SOUTHERN
CORPORATION

MESSIAH
COLLEGE

MONAGHAN TWP
YORK COUNTY

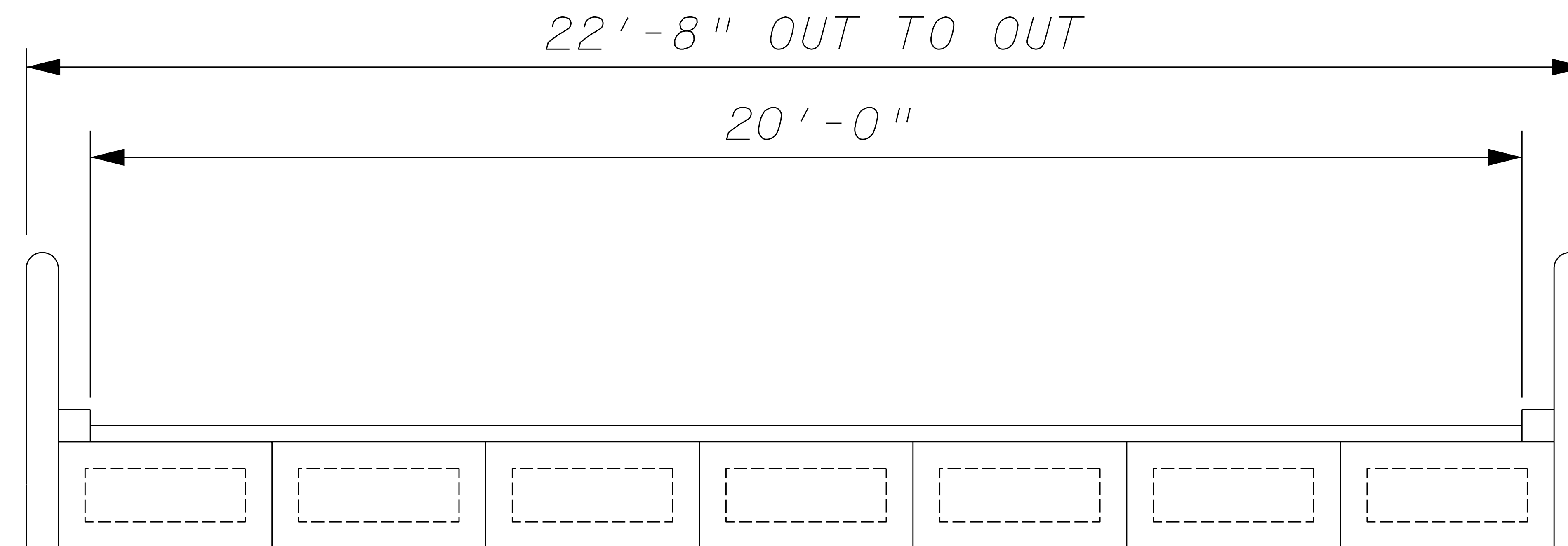
UPPER ALLEN TWP
CUMBERLAND COUNTY

YORK COUNTY BRIDGE 247 REPLACEMENT

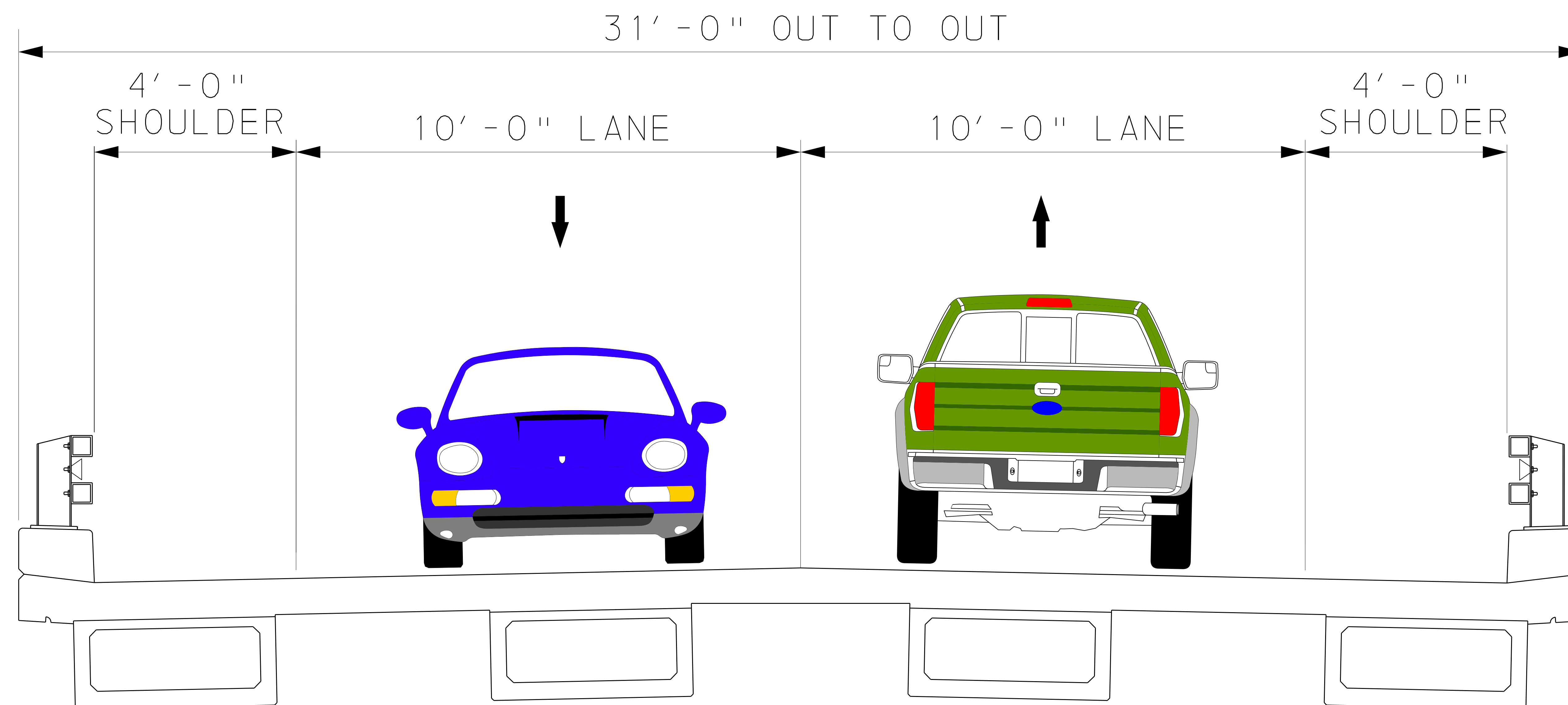
MONAGHAN TOWNSHIP AND UPPER ALLEN TOWNSHIP
YORK COUNTY AND CUMBERLAND COUNTY, PA



TYPICAL SECTION



EXISTING BRIDGE TYPICAL SECTION



PROPOSED BRIDGE TYPICAL SECTION

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YORK COUNTY AND CUMBERLAND COUNTY, PA



ENVIRONMENTAL RESOURCES

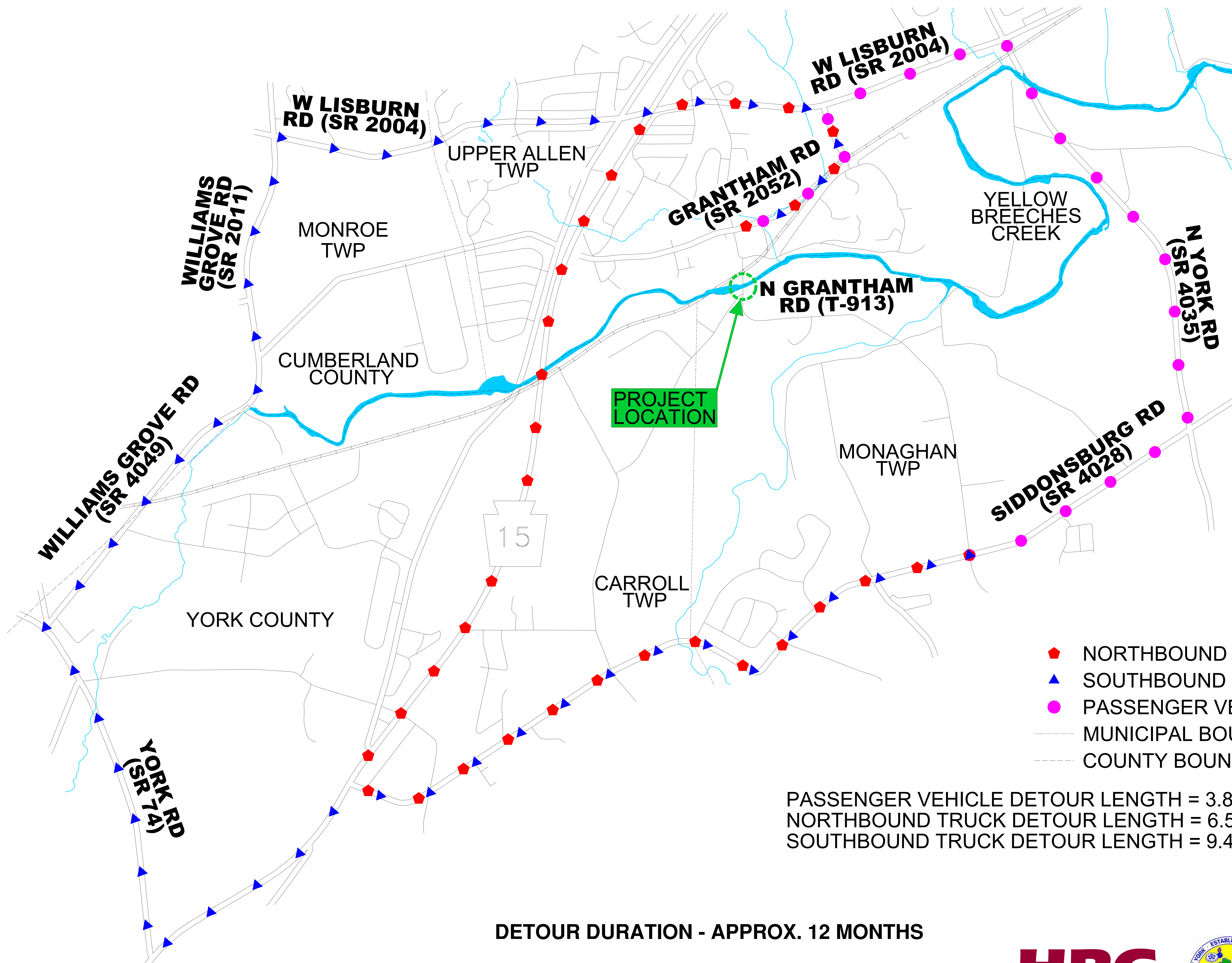
NO.	POTENTIAL RESOURCES	ABSENT/PRESENT	IMPACTS	AVOIDANCE/MINIMIZATION/MITIGATION MEASURES
1	WILD/STOCKED TROUT STREAMS	PRESENT	NO	AVOIDANCE (NO IN-STREAM WORK WILL OCCUR MAR. 1 TO JUNE 15)
2	HIGH QUALITY/EV STREAMS	PRESENT	NO	AVOIDANCE (NON-POINT SOURCE EROSION CONTROL DEVICES WILL BE UTILIZED)
3	SCENIC RIVER	PRESENT	YES	MITIGATION (CONTEXTUALLY SENSITIVE BRIDGE DESIGN WILL BE UTILIZED)
4	GROUNDWATER RESOURCES	ABSENT		
5	WETLANDS	ABSENT		
6	THREATENED AND ENDANGERED SPECIES	ABSENT		
7	SECTION 4(f) / SECTION 2002 RESOURCES	PRESENT	YES	MINIMIZATION (TEMPORARY USE OF WATER TRAIL AND SCENIC RIVER)
8	WATER TRAIL	PRESENT	YES	MINIMIZATION (ATON PLAN WILL BE UTILIZED TO MAINTAIN WATERWAY ACCESS DURING CONSTRUCTION)
9	NAVIGABLE WATERCOURSE	PRESENT	YES	MINIMIZATION (ATON PLAN WILL BE UTILIZED TO MAINTAIN WATERWAY ACCESS DURING CONSTRUCTION)
10	PARKS & RECREATION FACILITY	ABSENT		
11	FOREST AND GAMELANDS	ABSENT		
12	WILDLIFE SANCTUARIES/REFUGES	ABSENT		
13	OTHER SURFACE WATERS	ABSENT		
14	HAZARDOUS OR RESIDUAL WASTE SITES	PRESENT	YES	MITIGATION (PROPER HANDLING AND DISPOSAL MEASURES WILL BE UTILIZED)
15	FLOODPLAINS	PRESENT	NO	AVOIDANCE (NO PERMANENT IMPACT TO FLOODPLAIN WILL OCCUR)
16	AGRICULTURAL RESOURCES (SOILS OF STATEWIDE IMPORTANCE)	PRESENT	NO	AVOIDANCE (ACTIVELY FARMED LAND NOT LOCATED WITHIN PROJECT AREA)
17	GEOLOGIC RESOURCES	ABSENT		
18	NATIONAL NATURAL LANDMARKS	ABSENT		
19	WILDERNESS, NATURAL, & WILD AREAS	ABSENT		
20	COASTAL ZONE	ABSENT		
21	HISTORIC PROPERTIES	ABSENT		
22	ARCHAEOLOGICAL RESOURCES	POTENTIALLY PRESENT	NO	AVOIDANCE (POTENTIAL AREA OF ARCHAEOLOGICAL RESOURCES WILL NOT BE DISTURBED)
23	AIR QUALITY	ABSENT		
24	NOISE RECEPTORS	ABSENT		

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CONCEPTUAL DETOUR PLAN



- ◆ NORTHBOUND TRUCK DETOUR
- ▲ SOUTHBOUND TRUCK DETOUR
- PASSENGER VEHICLE DETOUR
- MUNICIPAL BOUNDARY
- COUNTY BOUNDARY

PASSENGER VEHICLE DETOUR LENGTH = 3.8 MILES
 NORTHBOUND TRUCK DETOUR LENGTH = 6.5 MILES
 SOUTHBOUND TRUCK DETOUR LENGTH = 9.4 MILES

DETOUR DURATION - APPROX. 12 MONTHS

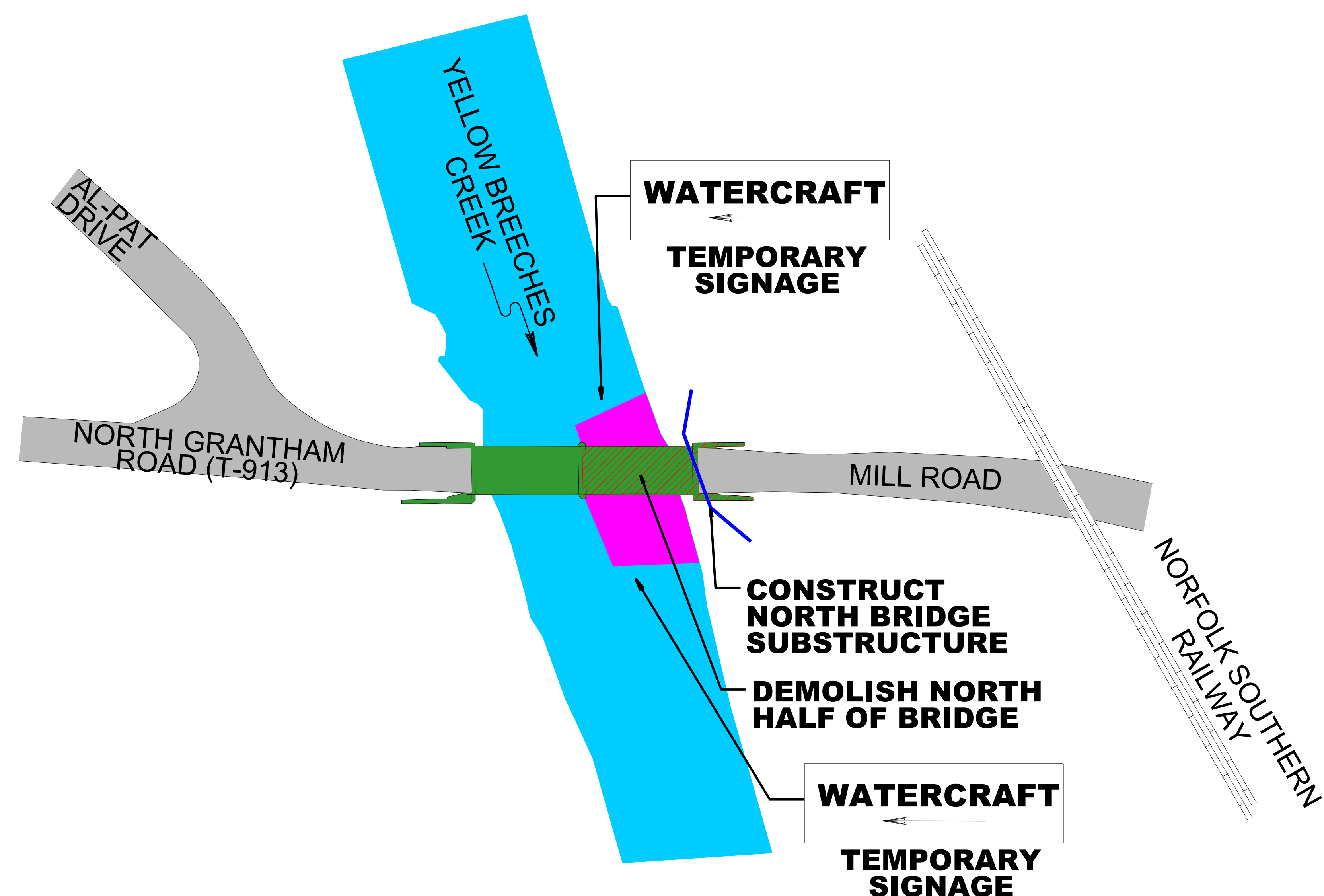
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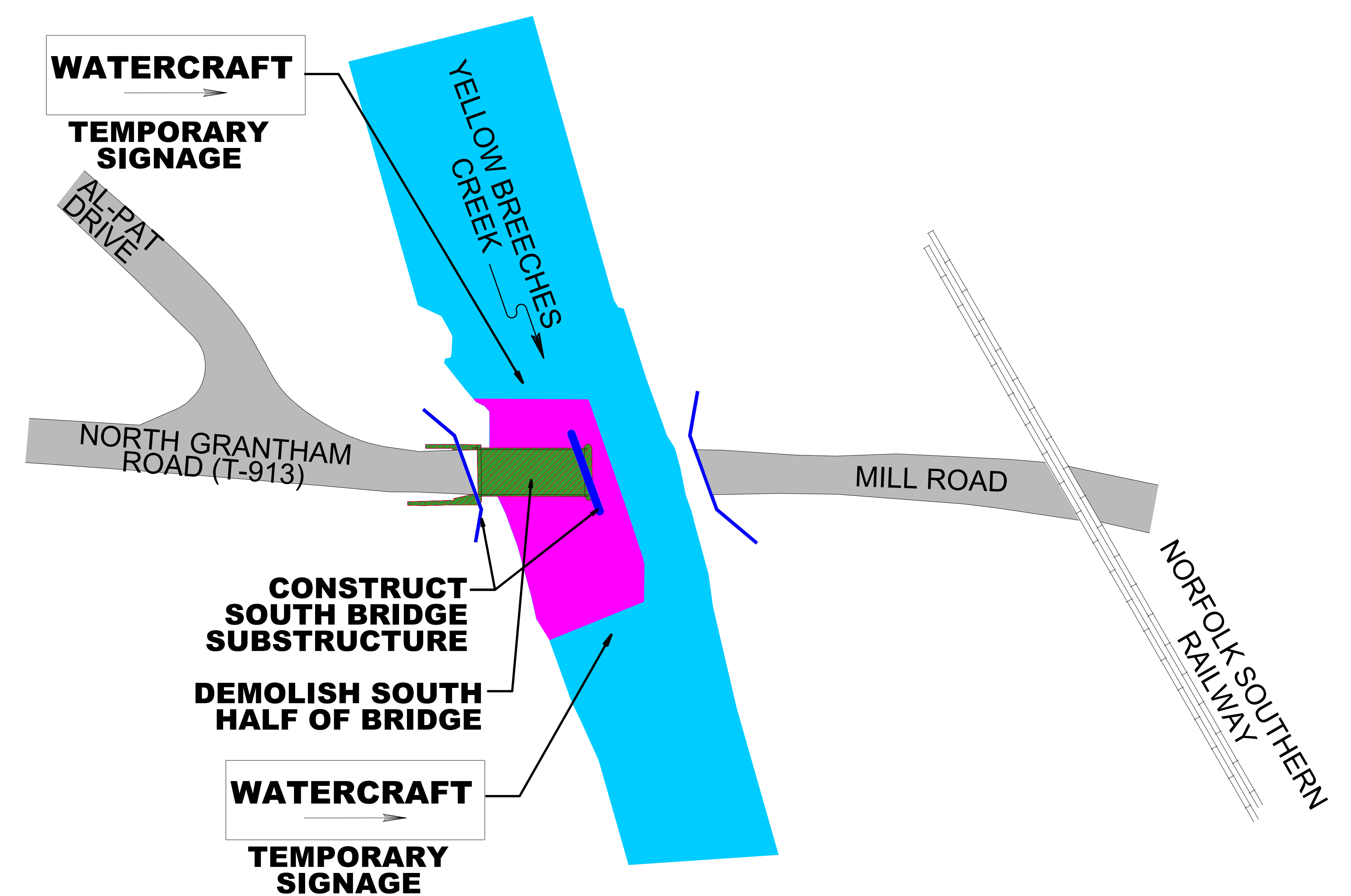


WATERCRAFT AIDS TO NAVIGATION PLAN

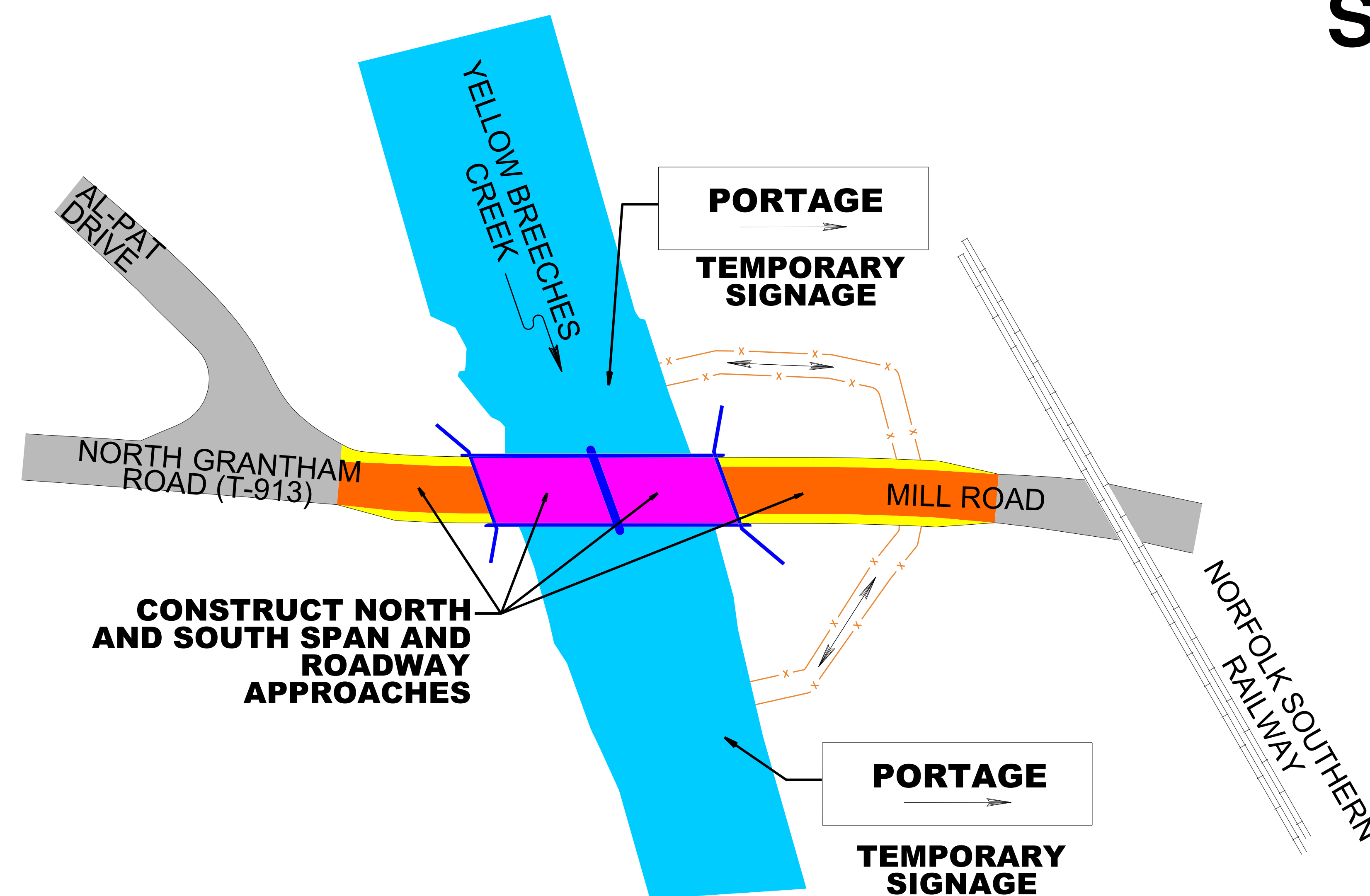
(CONTINGENT UPON CONTRACTOR'S MEANS & METHODS)



STAGE 1



STAGE 2



STAGE 3

LEGEND

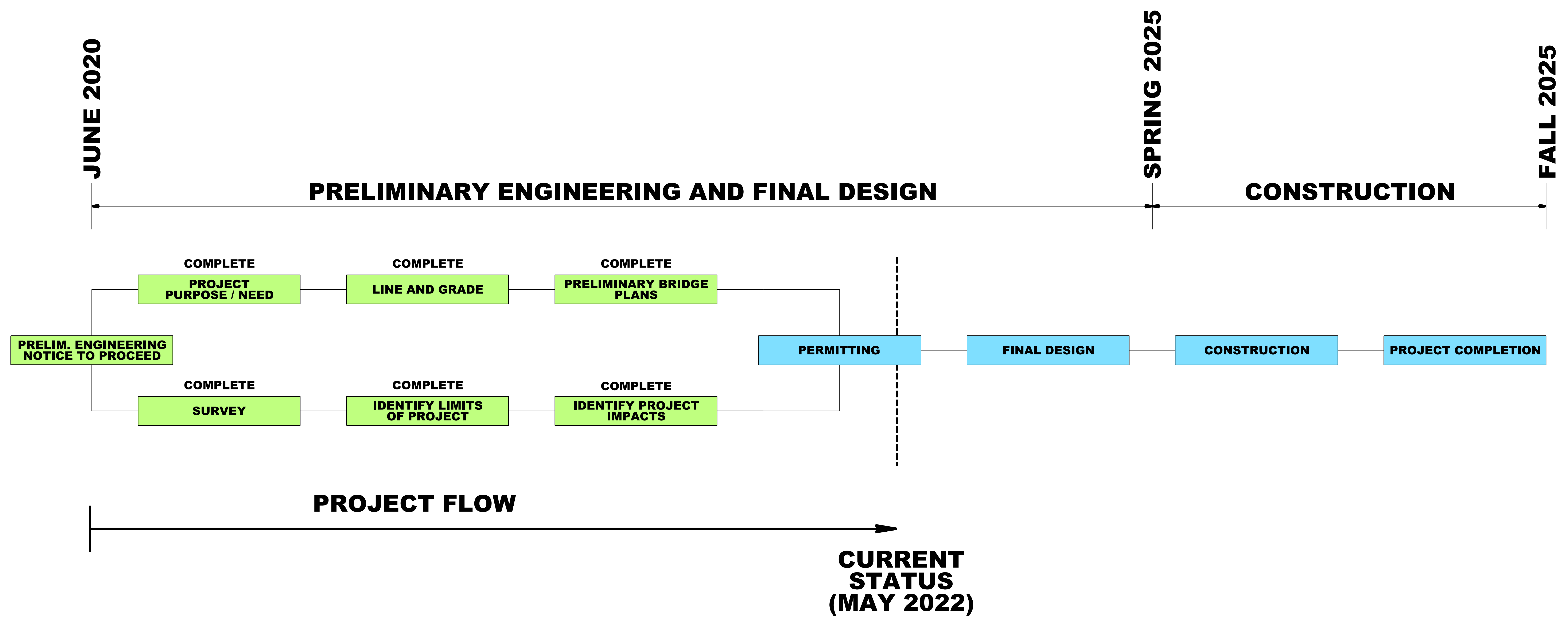
- EXISTING ROADWAY**
- EXISTING BRIDGE**
- PROPOSED ROADWAY**
- PROPOSED SHOULDER**
- PROPOSED BRIDGE**
- YELLOW BREECHES CREEK**
- WORK AREA**
- BRIDGE REMOVAL**

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PROJECT SCHEDULE



YORK COUNTY BRIDGE 247 REPLACEMENT

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