

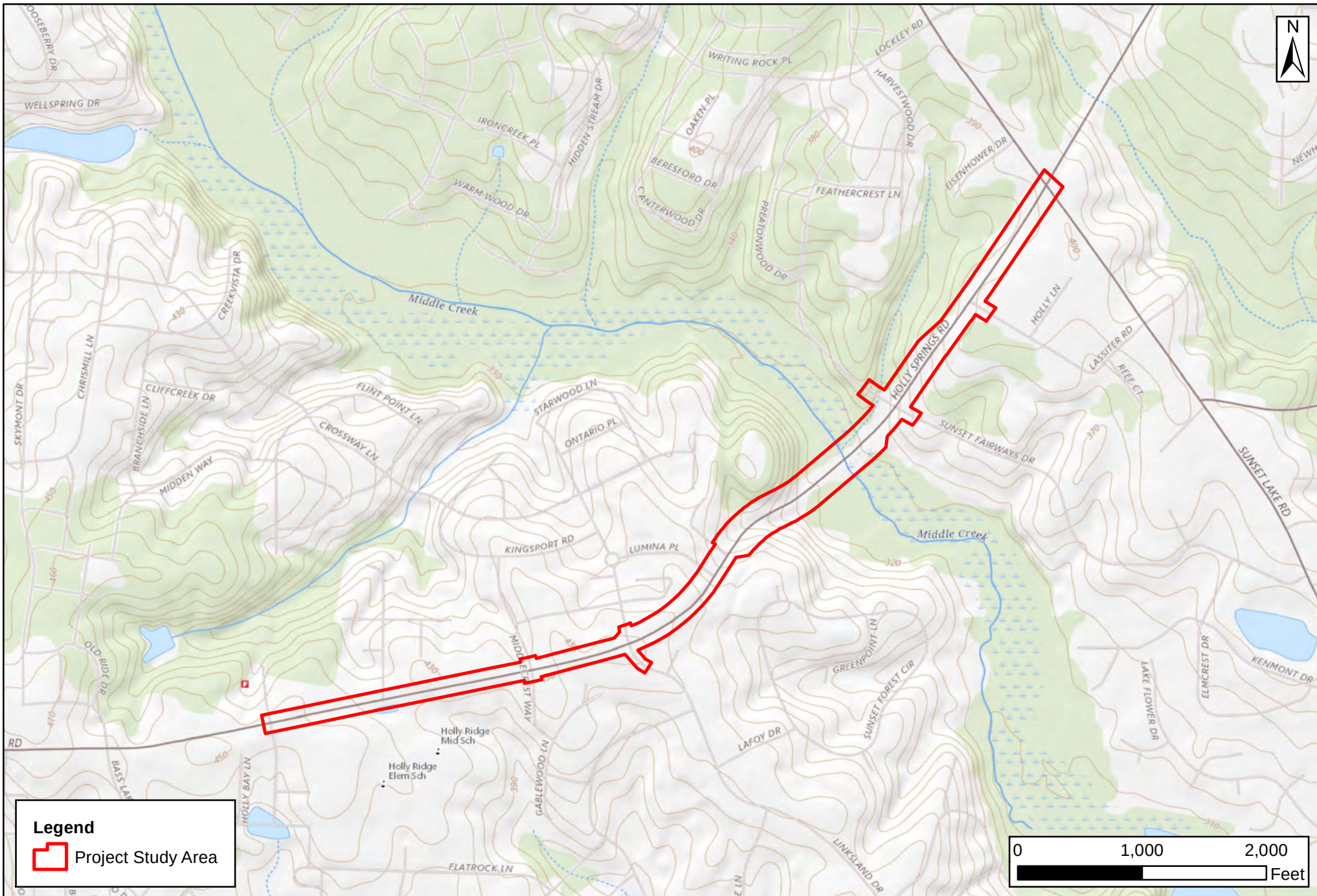


Figure 2: USGS Topographic Map
Holly Springs Road Widening - Phase II
Holly Springs, Wake County, NC
June 2020

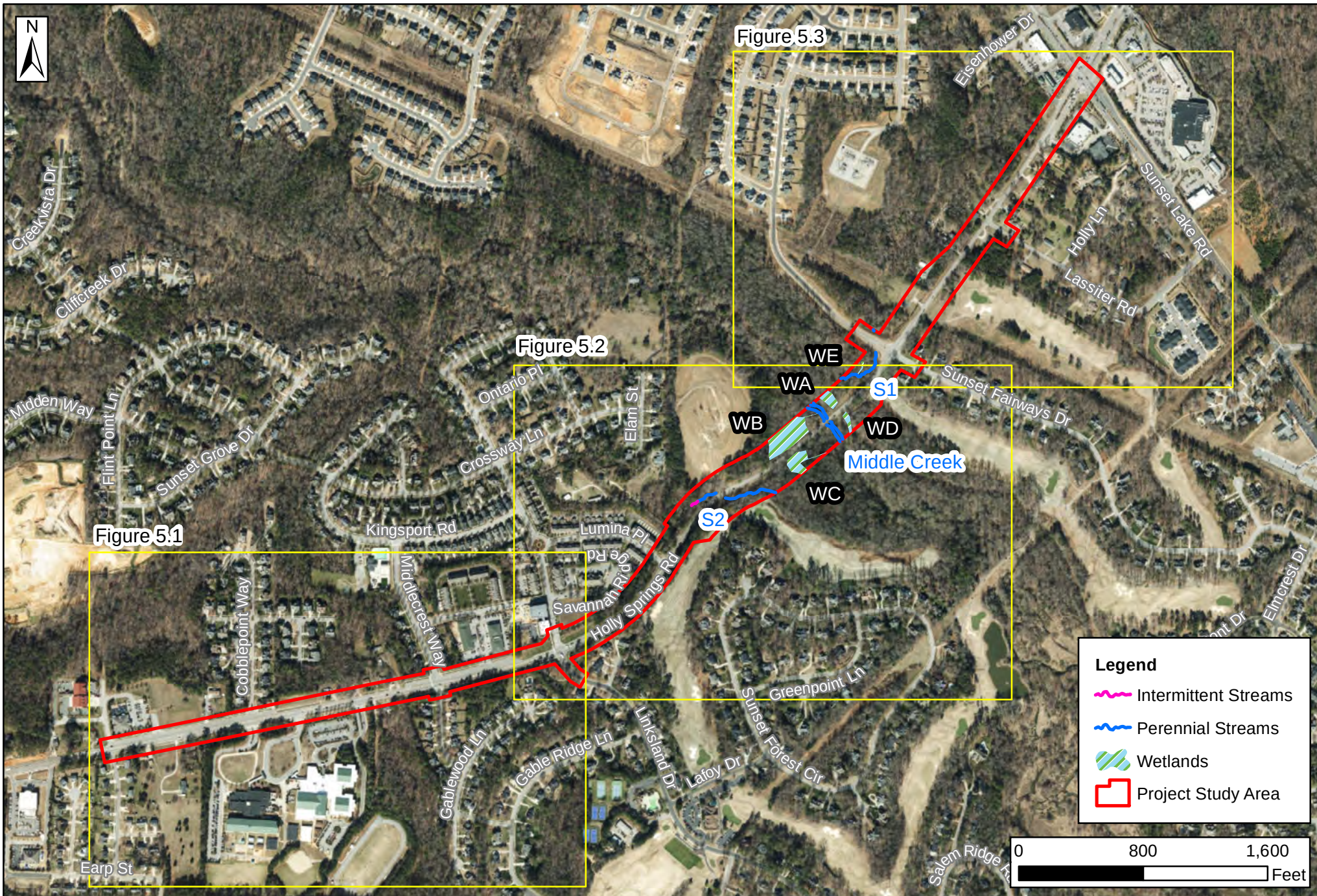


Figure 5: Potential Jurisdictional Features Map
Holly Springs Road Widening - Phase II
Holly Springs, Wake County, NC
June 2020



Figure 5.1: Potential Jurisdictional Features Map
Holly Springs Road Widening - Phase II
Holly Springs, Wake County, NC
June 2020

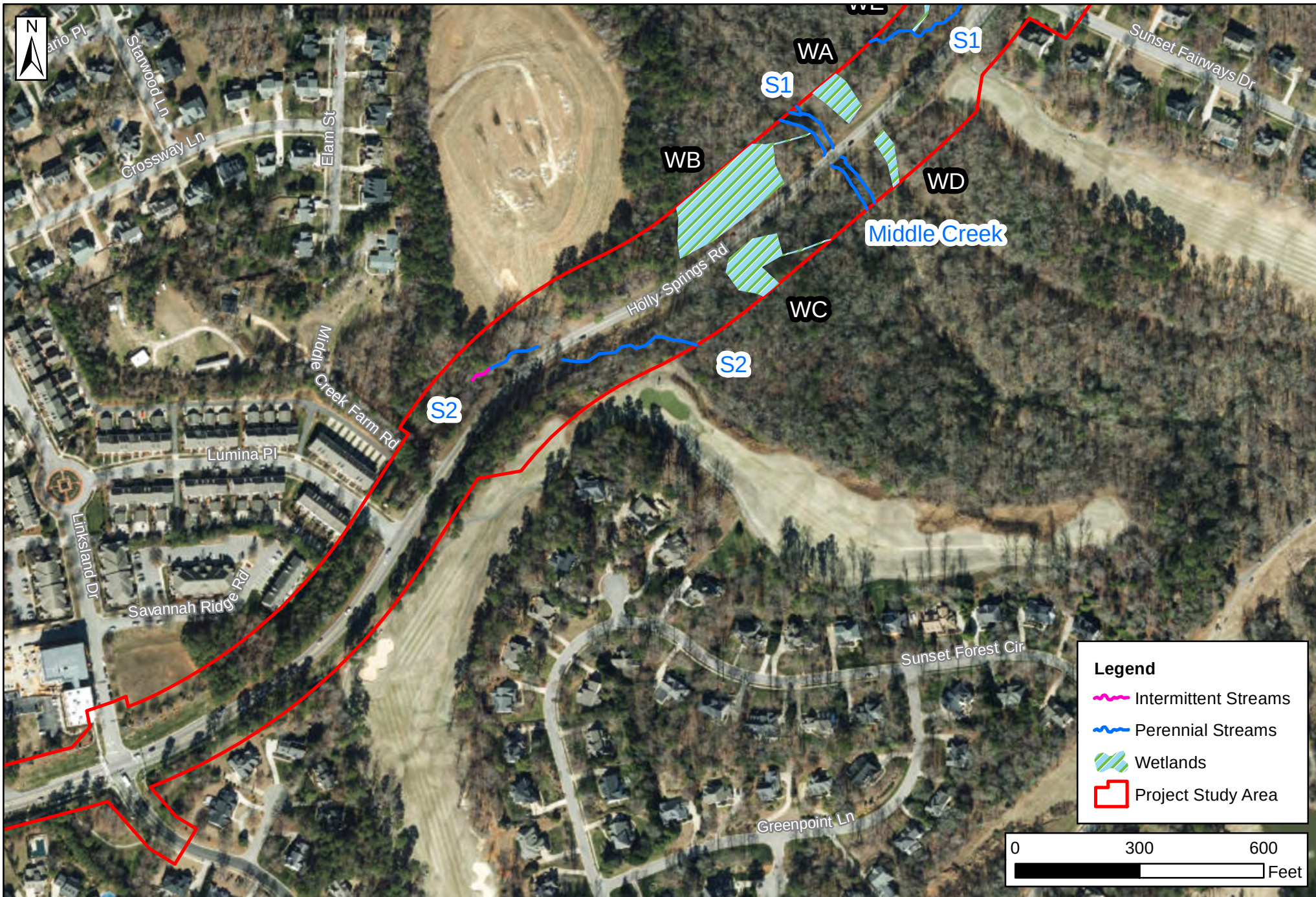


Figure 5.2: Potential Jurisdictional Features Map
 Holly Springs Road Widening - Phase II
 Holly Springs, Wake County, NC
 June 2020

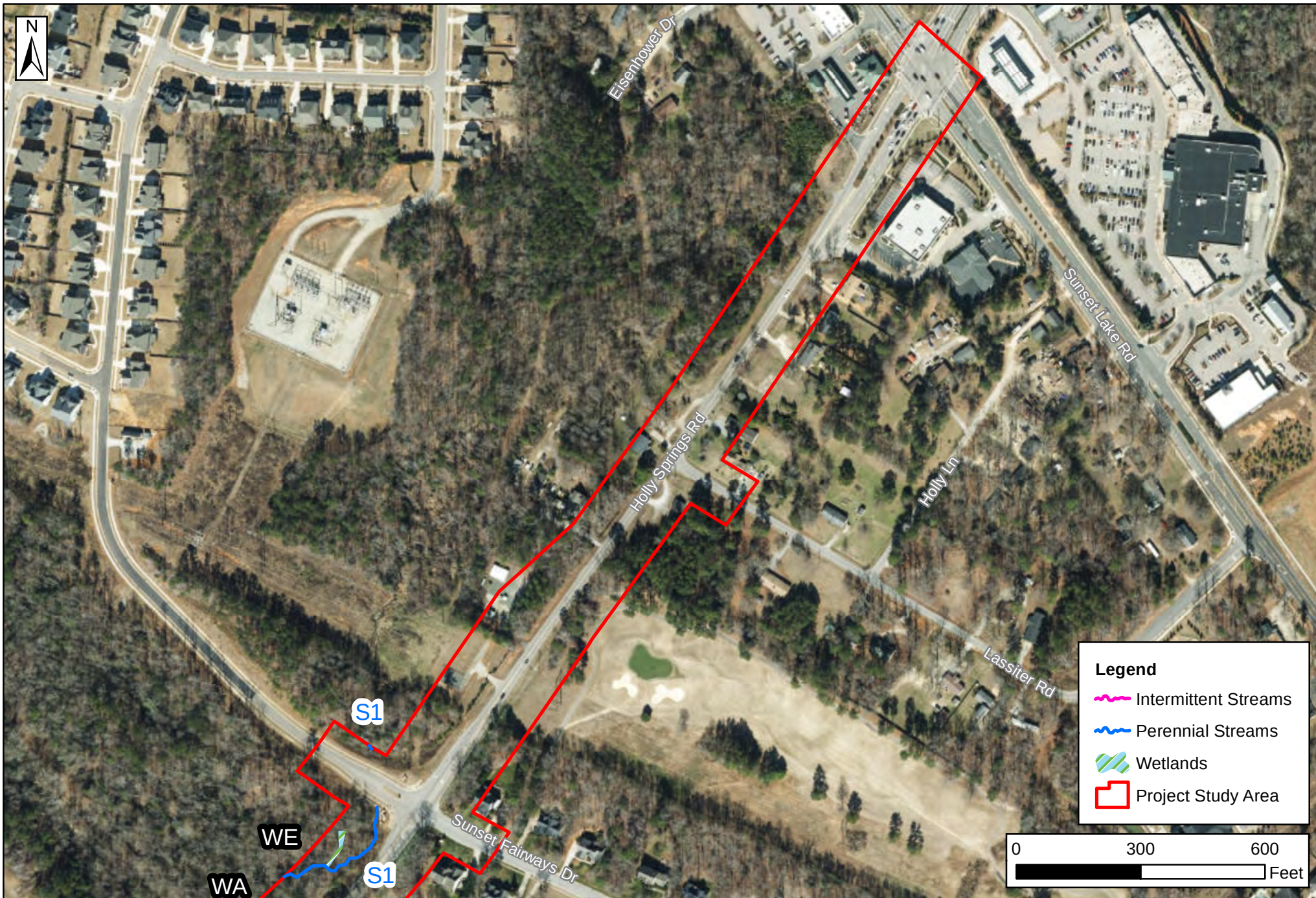
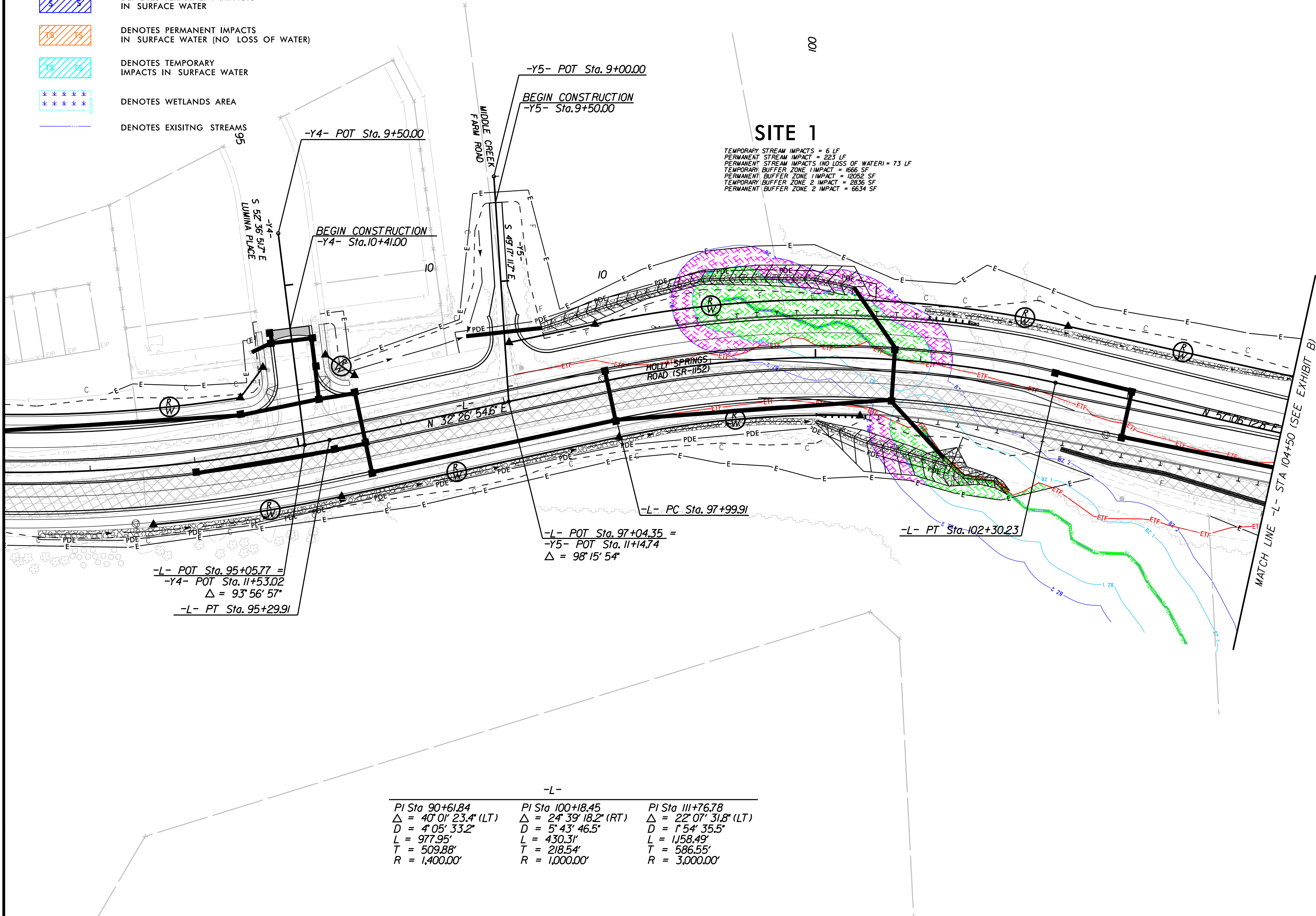
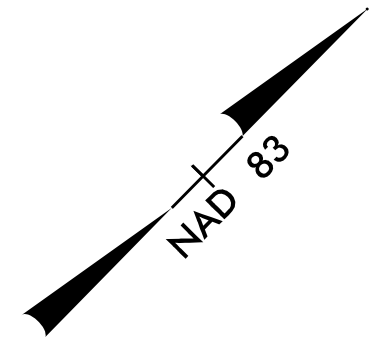


Figure 5.3: Potential Jurisdictional Features Map
 Holly Springs Road Widening - Phase II
 Holly Springs, Wake County, NC
 June 2020

-  BUFFER ZONE 1 IMPACTS
-  BUFFER ZONE 2 IMPACTS
-  DENOTES PERMANENT IMPACTS IN SURFACE WATER
-  DENOTES PERMANENT IMPACTS IN SURFACE WATER (NO LOSS OF WATER)
-  DENOTES TEMPORARY IMPACTS IN SURFACE WATER
-  DENOTES WETLANDS AREA
-  DENOTES EXISITNG STREAMS



-L-		
PI Sta 90+61.84	PI Sta 100+18.45	PI Sta 111+76.78
$\Delta = 40^{\circ} 01' 23.4\"$ (LT)	$\Delta = 24^{\circ} 39' 18.2\"$ (RT)	$\Delta = 22^{\circ} 07' 31.8\"$ (LT)
D = 4' 05' 33.2"	D = 5' 43' 46.5"	D = 1' 54' 35.5"
L = 977.95'	L = 430.31'	L = 1,158.49'
T = 509.88'	T = 218.54'	T = 586.55'
R = 1,400.00'	R = 1,000.00'	R = 3,000.00'

K:\DUR_Roadway\012329063 - Holly Springs Road-Ph 2\Plan\Environmental Impacts Figure\012329063_psh_7_Impacts Figure.dgn

7/30/2020

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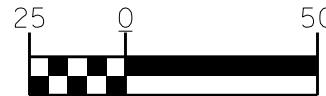
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PHONE: (919) 682-3583

PE NO. F-0102

ENVIRONMENTAL IMPACTS FIGURE
SITE 1



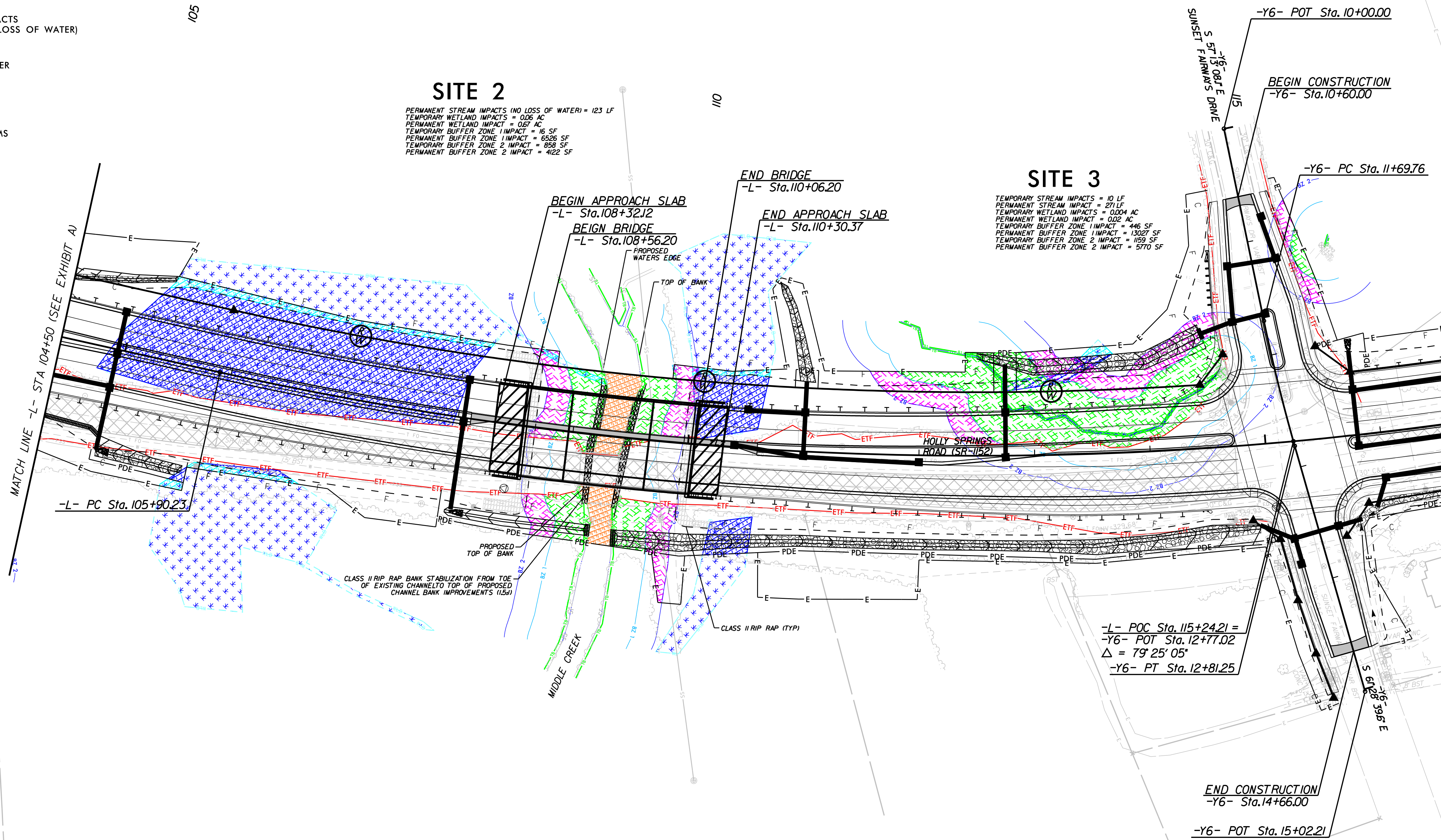
PROJECT:

U-6243
HOLLY SPRINGS ROAD WIDENING PH. 2

JOB NUMBER 012329063

SHEET NUMBER EXHIBIT A

- BUFFER ZONE 1 IMPACTS
- BUFFER ZONE 2 IMPACTS
- DENOTES PERMANENT IMPACTS IN SURFACE WATER
- DENOTES PERMANENT IMPACTS IN SURFACE WATER (NO LOSS OF WATER)
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES WETLANDS AREA
- DENOTES EXISTING STREAMS



SITE 2
PERMANENT STREAM IMPACTS (NO LOSS OF WATER) = 123 LF
TEMPORARY WETLAND IMPACTS = 0.06 AC
PERMANENT WETLAND IMPACT = 0.67 AC
TEMPORARY BUFFER ZONE 1 IMPACT = 16 SF
PERMANENT BUFFER ZONE 1 IMPACT = 6526 SF
TEMPORARY BUFFER ZONE 2 IMPACT = 858 SF
PERMANENT BUFFER ZONE 2 IMPACT = 4122 SF

SITE 3
TEMPORARY STREAM IMPACTS = 10 LF
PERMANENT STREAM IMPACT = 271 LF
TEMPORARY WETLAND IMPACTS = 0.004 AC
PERMANENT WETLAND IMPACT = 0.02 AC
TEMPORARY BUFFER ZONE 1 IMPACT = 446 SF
PERMANENT BUFFER ZONE 1 IMPACT = 1302 SF
TEMPORARY BUFFER ZONE 2 IMPACT = 1159 SF
PERMANENT BUFFER ZONE 2 IMPACT = 5170 SF

-L-
PI Sta. 111+76.78
 $\Delta = 22^\circ 07' 31.8''$ (LT)
D = 1' 54' 35.5"
L = 1,158.49'
T = 586.55'
R = 3,000.00'

-Y6-
PI Sta. 12+25.53
 $\Delta = 4^\circ 15' 31.5''$ (LT)
D = 3' 49' 11.0"
L = 111.49'
T = 55.77'
R = 1,500.00'

K:\DUR_Roadway\012329063 - Holly Springs Road-Ph 2\Plan\Environmental Impacts Figure\012329063_psh_8_Impacts Figure.dgn

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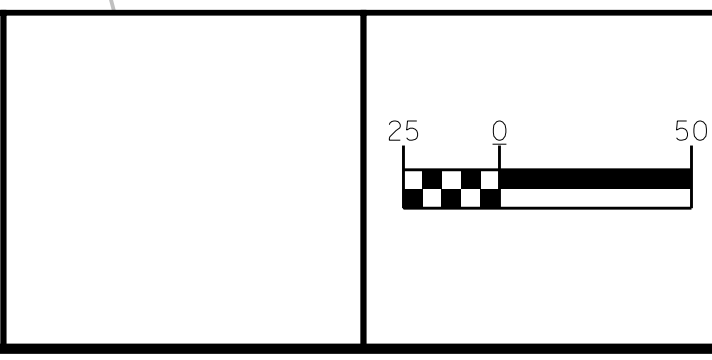
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PE NO. F-0102

ENVIRONMENTAL IMPACTS FIGURE
SITES 2 AND 3



PROJECT:	U-6243 HOLLY SPRINGS ROAD WIDENING PH. 2
JOB NUMBER:	012329063
SHEET NUMBER:	EXHIBIT B