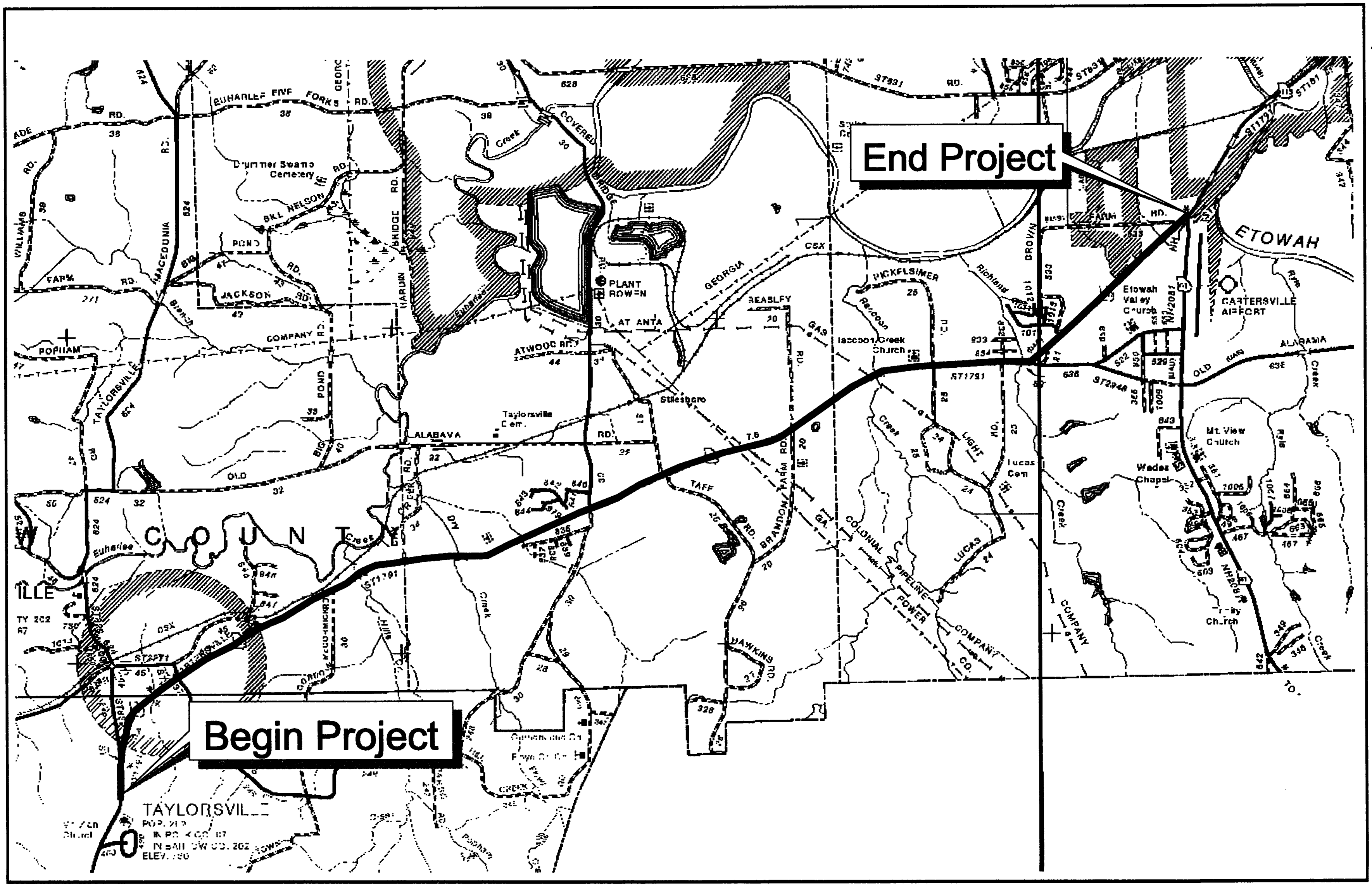
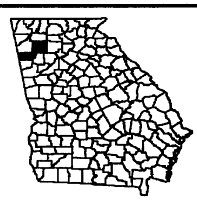




PROJECT LOCATION MAP

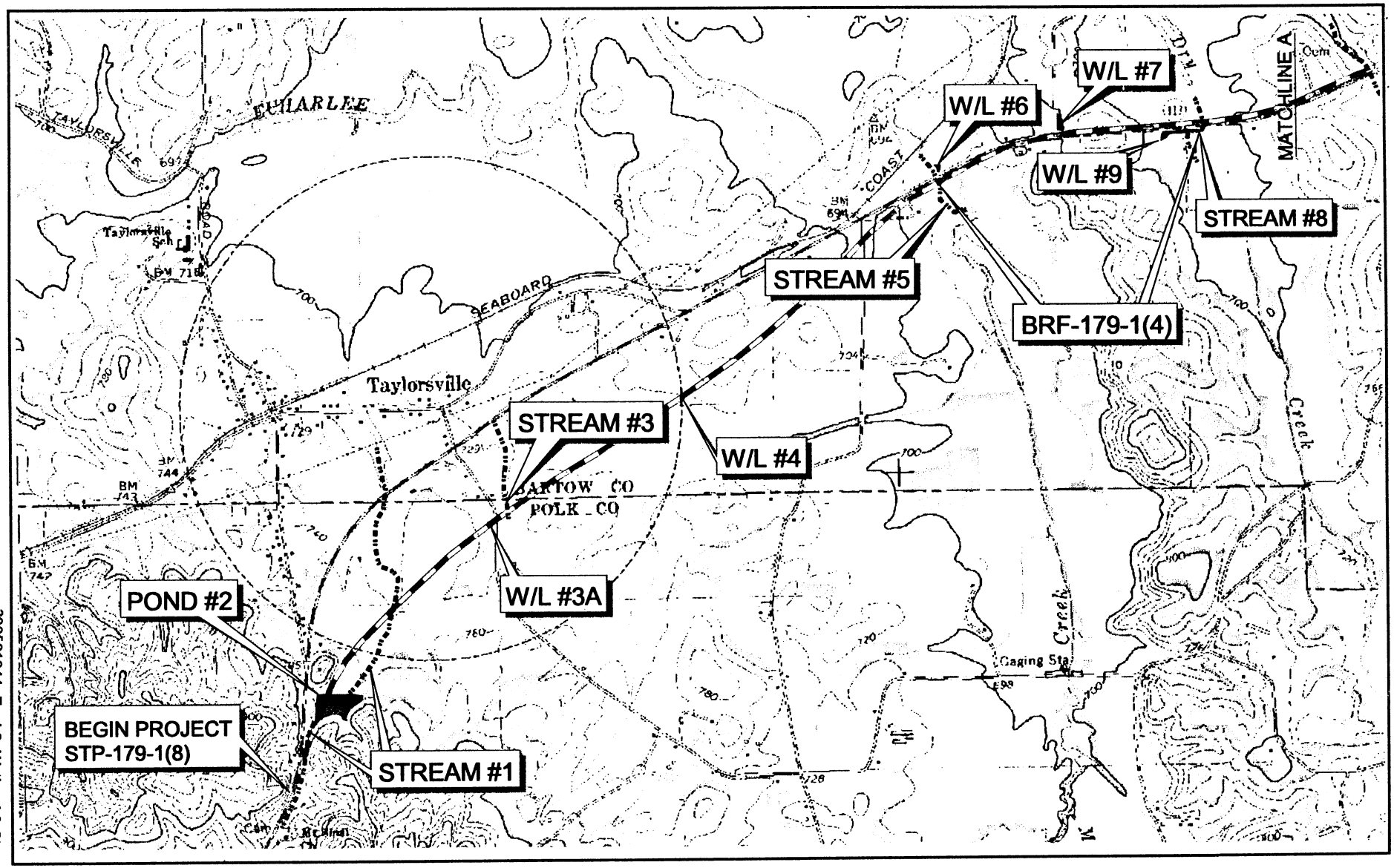
Scale

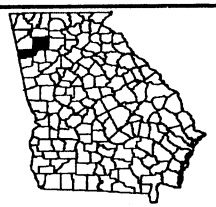
0.5 0 0.5 1 Miles

STP-179-1(8)(10), BRF-179-1(4)(12), BHF-179-1(11) Bartow/Polk Counties
P.I.Nos.: 621430, 621440, 621130, 621760, 621445
SR 113 Widening and Improvements

Figure 1

N





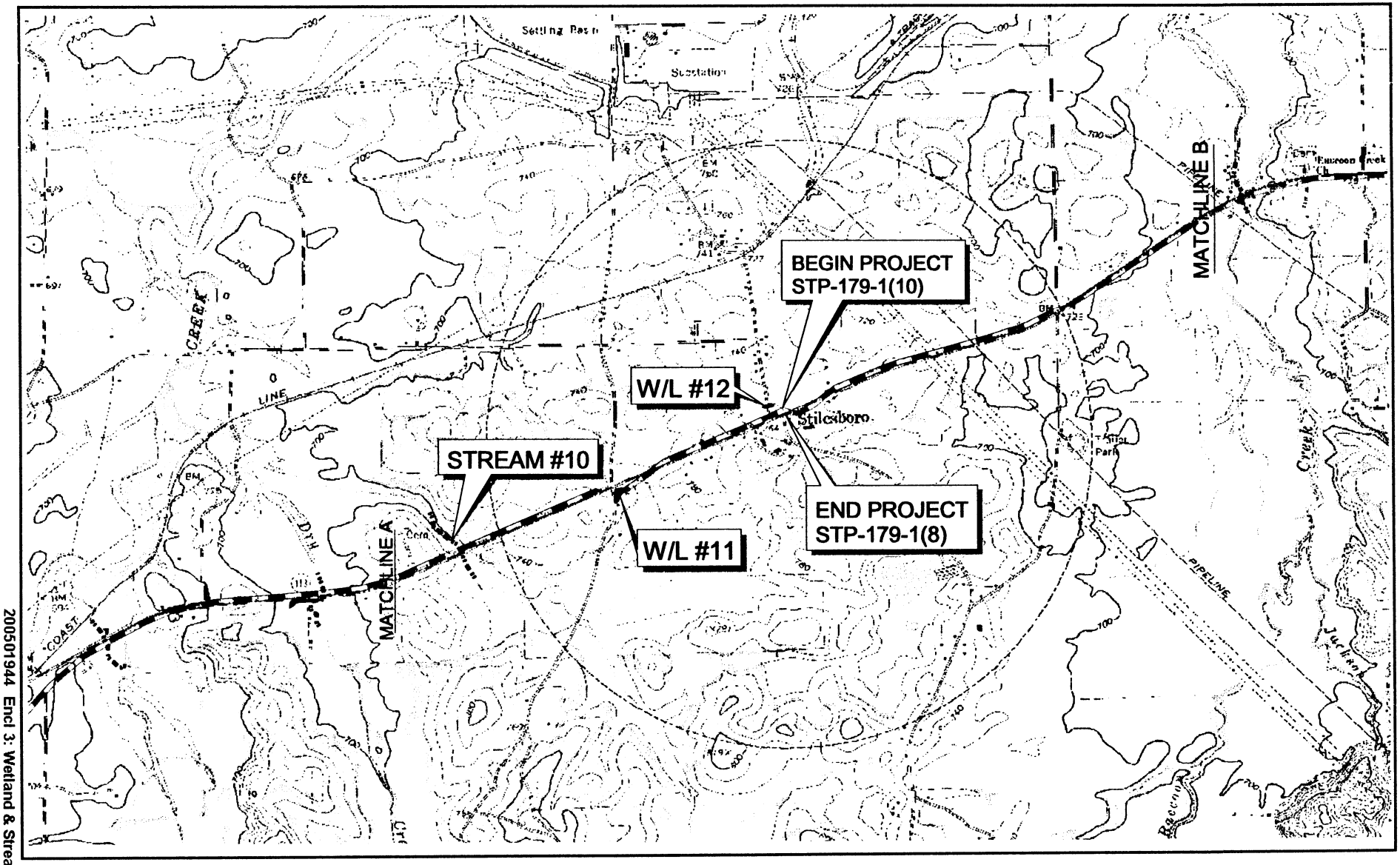
WETLAND & STREAM LOCATION MAP - FIGURE 2a

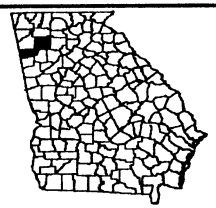
Scale

0.3 0 0.3 0.6 0.9 Miles

STP-179-1(8)(10), BRF-179-1(4)
BARTOW & POLK COUNTIES
P.I. # 621430, 621440 & 621130
SR 113 WIDENING

N





WETLAND & STREAM LOCATION MAP - FIGURE 2b

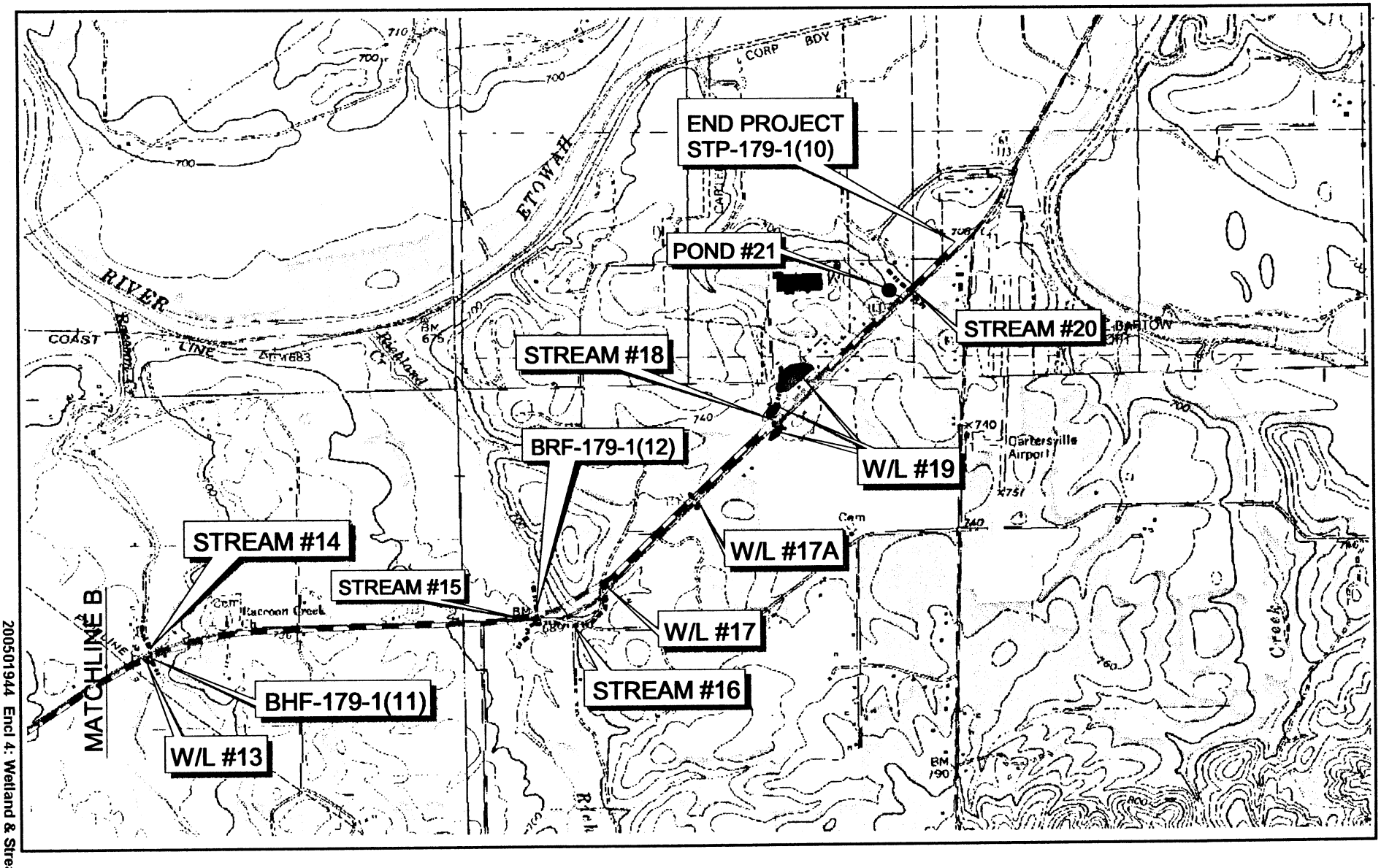
Scale

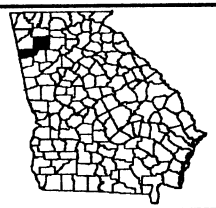
0.5 0 0.5 1 Miles

STP-179-1(8)(10), BRF-179-1(4)
BARTOW & POLK COUNTIES
P.I. # 621430, 621440 & 621130
SR 113 WIDENING

N

200501944 Encl 3: Wetland & Stream Location Map, Fig. 2b





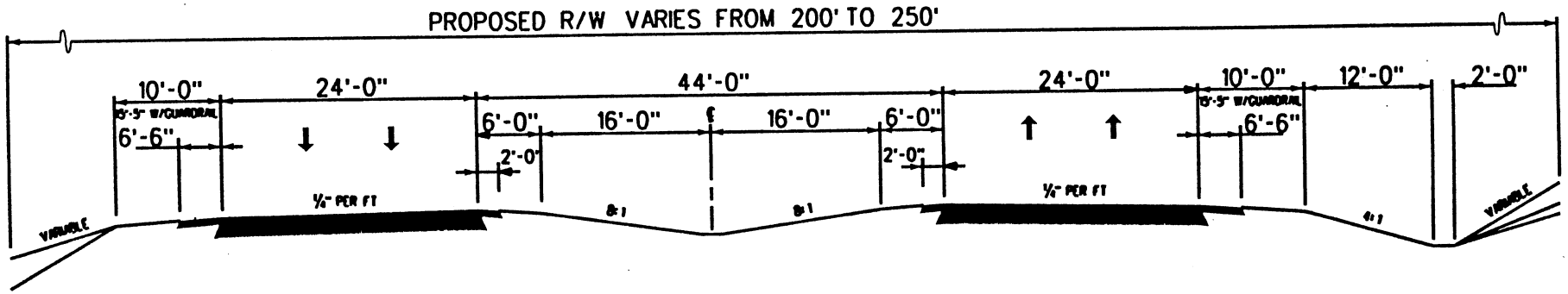
WETLAND & STREAM LOCATION MAP - FIGURE 2c

Scale

0.3 0 0.3 0.6 0.9 Miles

STP-179-1(8)(10), BRF-179-1(4)
BARTOW & POLK COUNTIES
P.I. # 621430, 621440 & 621130
SR 113 WIDENING

N



SR 113 IMPROVEMENTS
STP-179-1(8)(10) POLK/BARTOW COUNIES
THIS SECTION APPLIES TO NEW LOCATION SECTIONS
WETLAND AREAS - 3A, 4
STREAMS - 1, 3

NOT TO SCALE

Table 3: ADVERS. .MPACT FACTORS FOR RIVERI SYSTEMS WORKSHEET

Stream Type Impacted	Intermittent 0.1			Perennial Stream > 15' in width 0.4			Perennial Stream ≤ 15' in width 0.8		
Priority Area	Tertiary 0.5			Secondary 0.8			Primary 1.5		
Existing Condition	Fully Impaired 0.25			Somewhat Impaired 0.5			Fully Functional 1.0		
Duration	Temporary 0.05			Recurrent 0.1			Permanent 0.2		
Dominant Impact	Shade/ Clear 0.05	Utility X-ing 0.4	Bank Armor 0.7	Deten-tion 1.5	Stream Crossing (≤ 100') 1.7	Impound 2.7	Morpho-logic Change 2.7	Pipe >100' 3.0	Fill 3.0
Scaling Factor (Based on # linear feet impacted)	< 100' impact 0	100-200' impact 0.05	201-500' impact 0.1	501-1000' impact 0.2	> 1000' impact 0.4 for each 1000' feet of impact (round impacts to the nearest 1000') (example: 2,200' of impact – scaling factor = 0.8; 2,800' of impact – scaling factor – 1.2)				

Reaches to Be Impacted	Reach 1	Reach 10	Reach 18	Reach 20
	Complete the Following for Each Reach to Be Impacted			
Simon Channel Evolution Stage				
Rosgen Stream Type/D50				
Criteria for Selecting Existing Condition for Each Reach				
Bankfull Width and Depth	Width: Depth:	Width: Depth:	Width: Depth:	Width: Depth:
Bankfull Indicators (attach photograph showing bankfull for each reach)				
Factors	**Reach 1**	**Reach 10**	**Reach 18**	**Reach 20**
Stream Type Impacted	0.1	0.1	0.1	0.1
Priority Area	0.5	0.5	0.5	0.5
Existing Condition	0.25	0.5	0.5	0.5
Duration	0.2	0.2	0.2	0.2
Dominant Impact	3.0 (fill)	3.0	3.0	3.0
Scaling Factor	0.80	0.1	0.1	0.1
Sum of Factors M =	4.85	4.4	4.4	4.4
Feet Stream in Reach Impacted LF =	1650.0	160.0	180.0	110.0
M X LF =	**8002.5**	**704.0**	**792.0**	**484.0**

Total Mitigation Credits Required = (M X LF) = 9982.5