

APPENDIX A SIGNAL INVENTORIES AND CLEARANCE CALCULATIONS

Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Hampton Lakes	Synchro Node #	
SB Street:		Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Hampton Lakes				US 278		US 278	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected	8					2	1	6
	Permissive							6	
	FYA							y	

Speed	mph	20	30	20		20	55	20	55
	ft/sec	29.33	44.00	29.33		29.33	80.67	29.33	80.67

Grade	%	0%		0%		0%		0%	
	Grade at Stopbar, ft	0.0%		0.0%		0.0%		0.0%	
	Grade at Setback, ft	0.0%		0.0%		0.0%		0.0%	

Clear Distance	feet	107					106	96	82
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Ped Cross Dist	Crosswalk (feet)								
	From B1 (feet)								
	From B2 (feet)								

Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

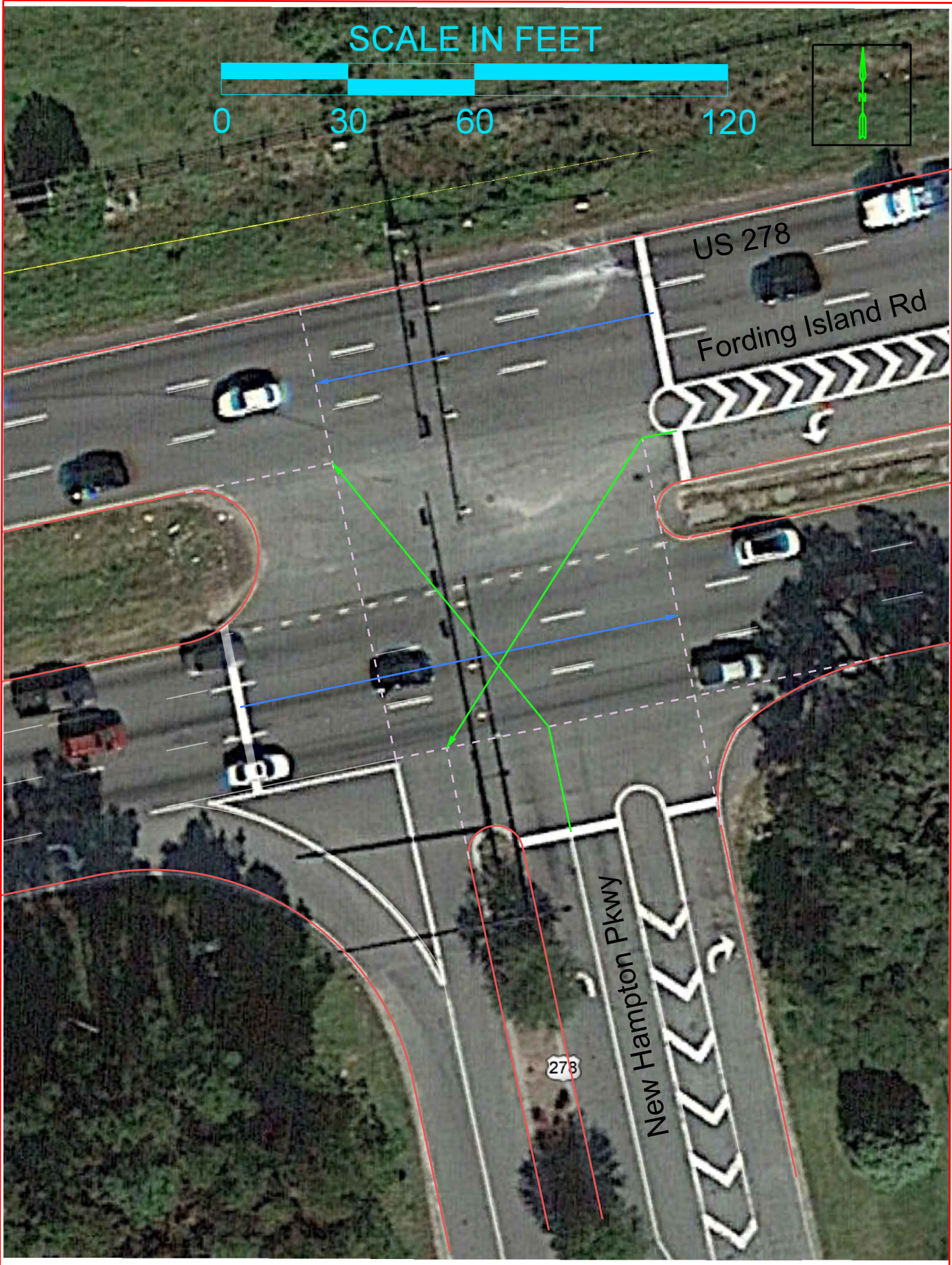
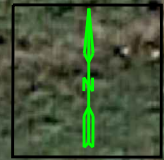
Movement Calcs	Yellow, sec	2.5					5.1	2.5	5.1
	All Red, sec	4.4					1.6	4.0	1.3
	Mitigated Red, sec	3.4					-	3.2	-
	Unadjusted FDW, sec								
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0					5.1	3.0	5.1
	All Red, sec	3.4					1.6	3.2	1.3
	Total Clear, sec	6.4					6.7	6.2	6.4

Shared Mvmt Calc	Yellow, sec	3.0					None	5.1	
	All Red, sec	3.4					None	1.3	
	Total Clear, sec	6.4					None	6.4	
	Unadjusted FDW, sec	0.0					None	0.0	
	Unadjusted B1 FDW, sec	0.0					None	0.0	
	Unadjusted B2 FDW, sec	0.0					None	0.0	

Recommended:	Phase #	8					2	1	6
Yellow	sec	3.0					5.1	3.0	5.1
All Red	sec	3.4					1.6	3.2	1.3
Walk	sec								
FDW	sec								

SCALE IN FEET



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Buckwalter Parkway	Synchro Node #	
SB Street:	Berkeley Hall Blvd	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Buckwalter Parkway		Berkeley Hall Blvd		US 278		US 278	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected	8	8	4	4	5	2	1	6
	Permissive					2			
	FYA					y			

Speed	mph	20	45	20	30	20	55	20	55
	ft/sec	29.33	66.00	29.33	44.00	29.33	80.67	29.33	80.67

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	130	142	125	135	133	113	154	101
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Ped Cross Dist	Crosswalk (feet)						96		
	From B1 (feet)								
	From B2 (feet)								

Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

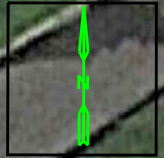
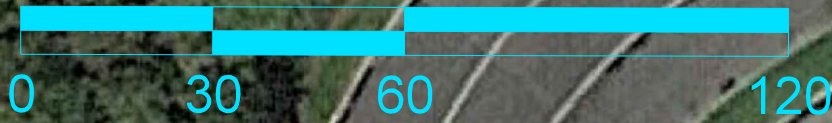
Movement Calcs	Yellow, sec	2.5	4.4	2.5	3.3	2.5	5.1	2.5	5.1
	All Red, sec	5.2	2.5	5.0	3.6	5.3	1.7	6.0	1.5
	Mitigated Red, sec	3.8	-	3.7	3.1	3.8	-	4.2	-
	Unadjusted FDW, sec						27.4		
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0	4.4	3.0	3.3	3.0	5.1	3.0	5.1
	All Red, sec	3.8	2.5	3.7	3.1	3.8	1.7	4.2	1.5
	Total Clear, sec	6.8	6.9	6.7	6.4	6.8	6.8	7.2	6.6

Shared Mvmt Calc	Yellow, sec	4.4	3.3	5.1	None
	All Red, sec	2.5	3.4	1.7	None
	Total Clear, sec	6.9	6.7	6.8	None
	Unadjusted FDW, sec	0.0	0.0	27.4	None
	Unadjusted B1 FDW, sec	0.0	0.0	0.0	None
	Unadjusted B2 FDW, sec	0.0	0.0	0.0	None

Recommended:	Phase #	8	8	4	4	5	2	1	6
Yellow	sec	4.4	4.4	3.3	3.3	3.0	5.1	3.0	5.1
All Red	sec	2.5	2.5	3.4	3.4	3.8	1.7	4.2	1.5
Walk	sec						7		
FDW	sec						28		

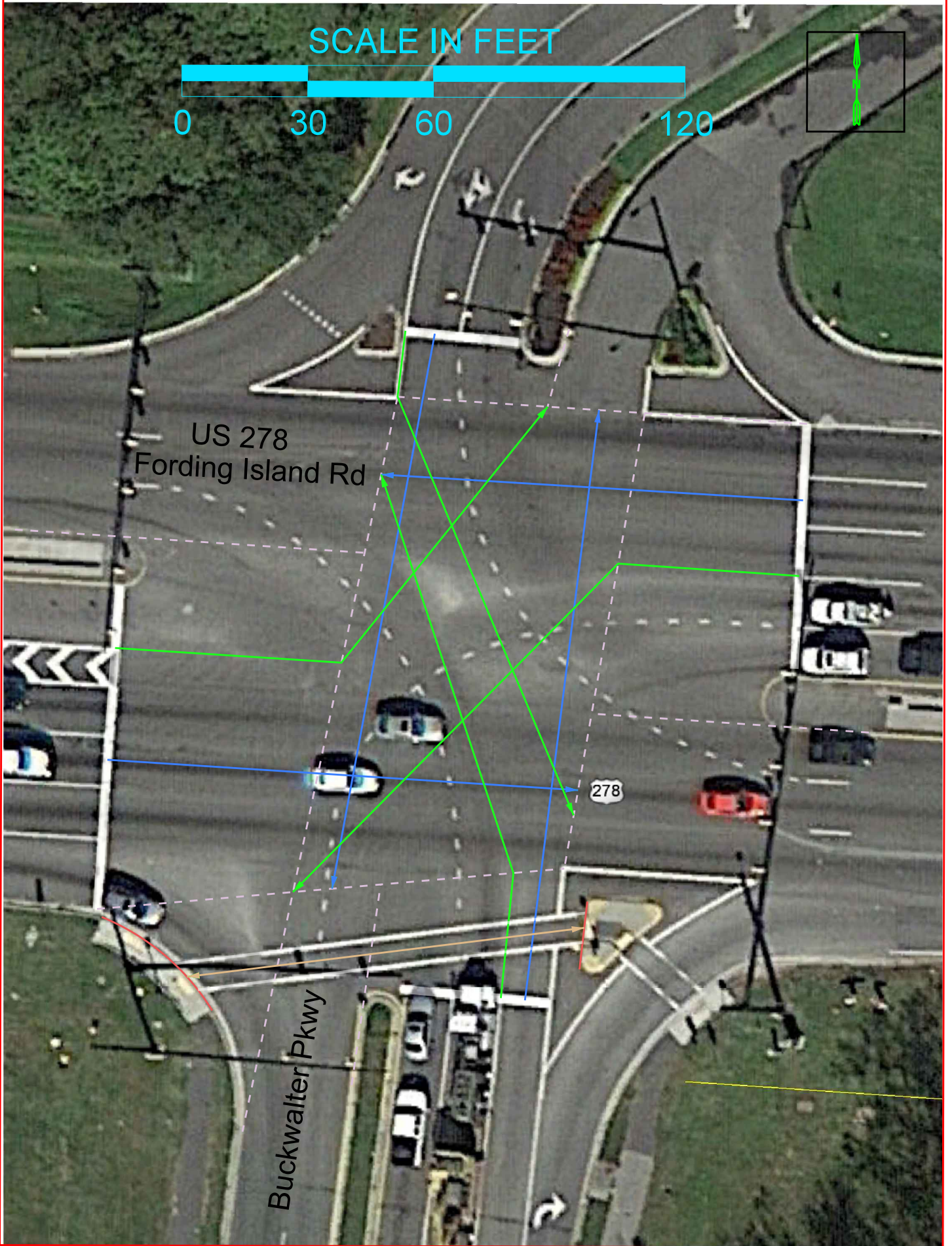
SCALE IN FEET



US 278
Fording Island Rd

278

Buckwalter Pkwy



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:		Synchro Node #	
SB Street:	St. Gregory & Bluffton Fire	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	St. Gregory & Bluffton Fire		US 278		US 278			
		Northbound		Southbound		Eastbound		Westbound	
		Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected			4		5	2		6
	Permissive					2			
	FYA					y			

Speed	mph	20		20	30	20	55	20	55
	ft/sec	29.33		29.33	44.00	29.33	80.67	29.33	80.67

Grade	%	0%		0%		0%		0%	
	Grade at Stopbar, ft	0.0%		0.0%		0.0%		0.0%	
	Grade at Setback, ft	0.0%		0.0%		0.0%		0.0%	

Clear Distance	feet			102		91	85		102
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Ped Cross Dist	Crosswalk (feet)								
	From B1 (feet)								
	From B2 (feet)								

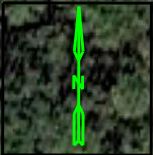
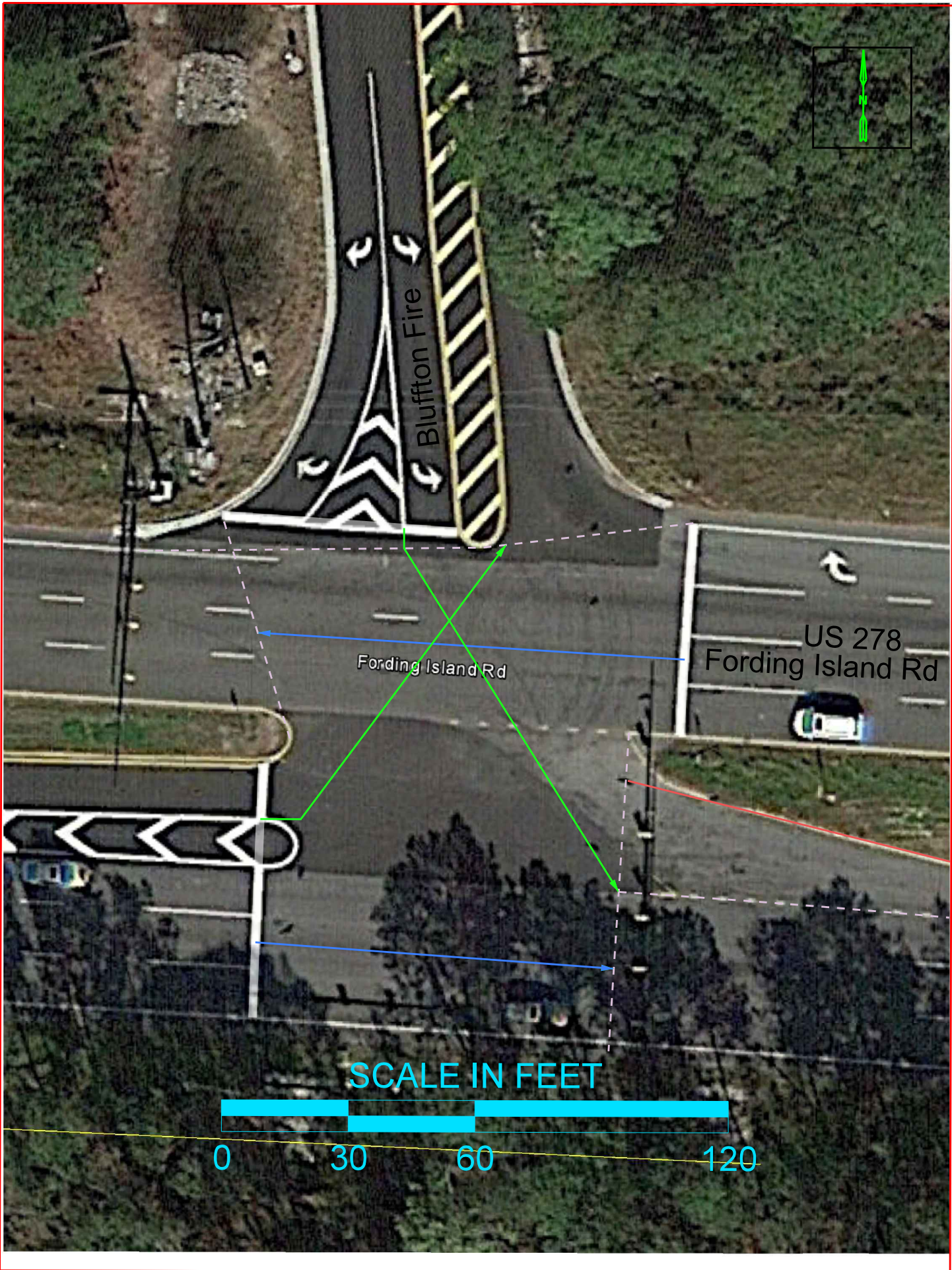
Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Movement Calcs	Yellow, sec			2.5		2.5	5.1		5.1
	All Red, sec			4.2		3.8	1.4		1.6
	Mitigated Red, sec			3.3		3.1	-		-
	Unadjusted FDW, sec								
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec			3.0		3.0	5.1		5.1
	All Red, sec			3.3		3.1	1.4		1.6
	Total Clear, sec			6.3		6.1	6.5		6.7

Shared Mvmt Calc	Yellow, sec			3.0		5.1			None
	All Red, sec			3.3		1.4			None
	Total Clear, sec			6.3		6.5			None
	Unadjusted FDW, sec			0.0		0.0			None
	Unadjusted B1 FDW, sec			0.0		0.0			None
	Unadjusted B2 FDW, sec			0.0		0.0			None

Recommended:	Phase #			4		5	2		6
Yellow	sec			3.0		3.0	5.1		5.1
All Red	sec			3.3		3.1	1.4		1.6
Walk	sec								
FDW	sec								

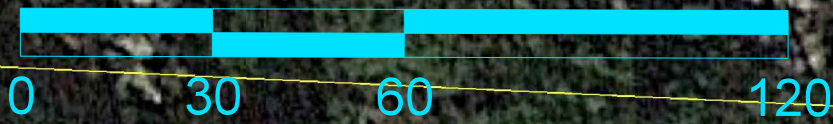


Bluffton Fire

Fording Island Rd

US 278
Fording Island Rd

SCALE IN FEET



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	White Oak Circle	Synchro Node #	
SB Street:	Rose Hill Drive	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	White Oak Circle		Rose Hill Drive		US 278		US 278	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected		8		4	5	2	1	6
	Permissive	8		4		2		6	
	FYA					y		y	

Speed	mph	20	30	20	30	20	55	20	55
	ft/sec	29.33	44.00	29.33	44.00	29.33	80.67	29.33	80.67

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	125	139	117	128	110	120	124	132
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Ped Cross Dist	Crosswalk (feet)				130				
	From B1 (feet)				6				
	From B2 (feet)				6				

Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

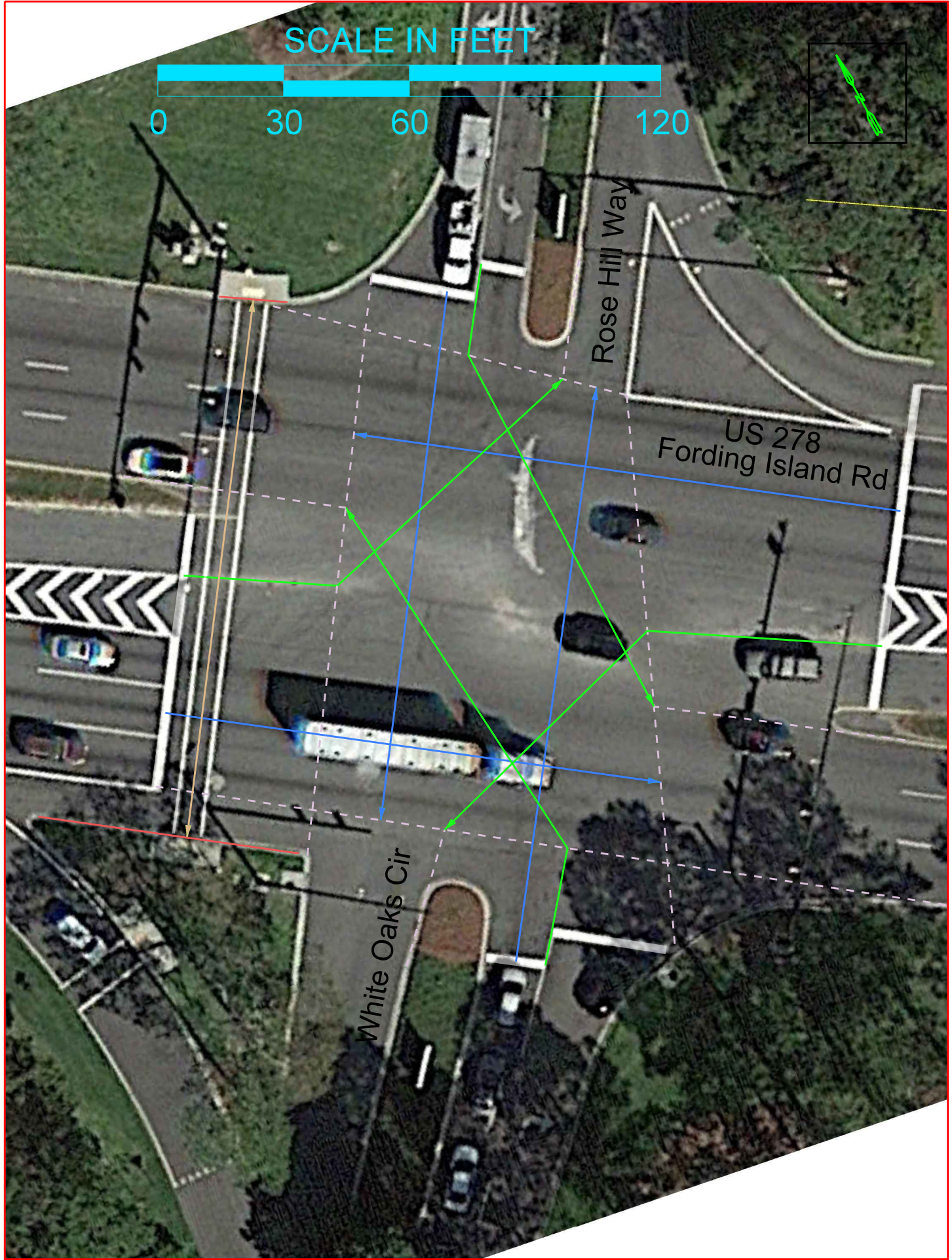
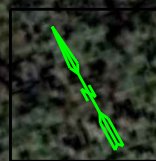
Movement Calcs	Yellow, sec	2.5	3.3	2.5	3.3	2.5	5.1	2.5	5.1
	All Red, sec	5.0	3.7	4.7	3.4	4.5	1.8	5.0	1.9
	Mitigated Red, sec	3.7	3.1	3.5	3.0	3.4	-	3.7	-
	Unadjusted FDW, sec				37.1				
	Unadjusted B1 FDW, sec				-5.0				
	Unadjusted B2 FDW, sec				-5.0				

Movement Results	Yellow, sec	3.0	3.3	3.0	3.3	3.0	5.1	3.0	5.1
	All Red, sec	3.7	3.1	3.5	3.0	3.4	1.8	3.7	1.9
	Total Clear, sec	6.7	6.4	6.5	6.3	6.4	6.9	6.7	7.0

Shared Mvmt Calc	Yellow, sec	3.3	3.3	5.1	5.1
	All Red, sec	3.4	3.2	1.8	1.9
	Total Clear, sec	6.7	6.5	6.9	7.0
	Unadjusted FDW, sec	0.0	37.1	0.0	0.0
	Unadjusted B1 FDW, sec	0.0	-5.0	0.0	0.0
	Unadjusted B2 FDW, sec	0.0	-5.0	0.0	0.0

Recommended:	Phase #	8	4	5	2	1	6
Yellow	sec	3.3	3.3	3.0	5.1	3.0	5.1
All Red	sec	3.4	3.2	3.4	1.8	3.7	1.9
Walk	sec		7				
FDW	sec		38				

SCALE IN FEET



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Buck Island Road	Synchro Node #	
SB Street:	Belfair Oaks Blvd	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/23/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Buck Island Road		Belfair Oaks Blvd		US 278		US 278	
		Northbound		Southbound		Eastbound		Westbound	
		Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected	8	8	4	4	5	2	1	6
	Permissive					2		6	
	FYA					y		y	

Speed	mph	20	45	20	30	20	55	20	55
	ft/sec	29.33	66.00	29.33	44.00	29.33	80.67	29.33	80.67

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	173	172	116	147	108	109	112	81
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Ped Cross Dist	Crosswalk (feet)								
	From B1 (feet)								
	From B2 (feet)								

Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

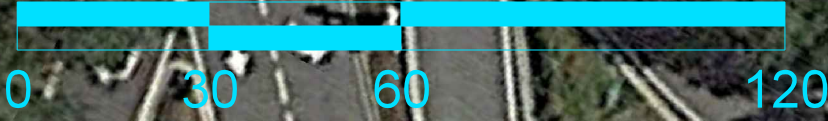
Movement Calcs	Yellow, sec	2.5	4.4	2.5	3.3	2.5	5.1	2.5	5.1
	All Red, sec	6.6	3.0	4.7	3.8	4.4	1.6	4.5	1.3
	Mitigated Red, sec	4.5	-	3.5	3.2	3.4	-	3.5	-
	Unadjusted FDW, sec								
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0	4.4	3.0	3.3	3.0	5.1	3.0	5.1
	All Red, sec	4.5	3.0	3.5	3.2	3.4	1.6	3.5	1.3
	Total Clear, sec	7.5	7.4	6.5	6.5	6.4	6.7	6.5	6.4

Shared Mvmt Calc	Yellow, sec	4.4	3.3	5.1	5.1
	All Red, sec	3.1	3.2	1.6	1.4
	Total Clear, sec	7.5	6.5	6.7	6.5
	Unadjusted FDW, sec	0.0	0.0	0.0	0.0
	Unadjusted B1 FDW, sec	0.0	0.0	0.0	0.0
	Unadjusted B2 FDW, sec	0.0	0.0	0.0	0.0

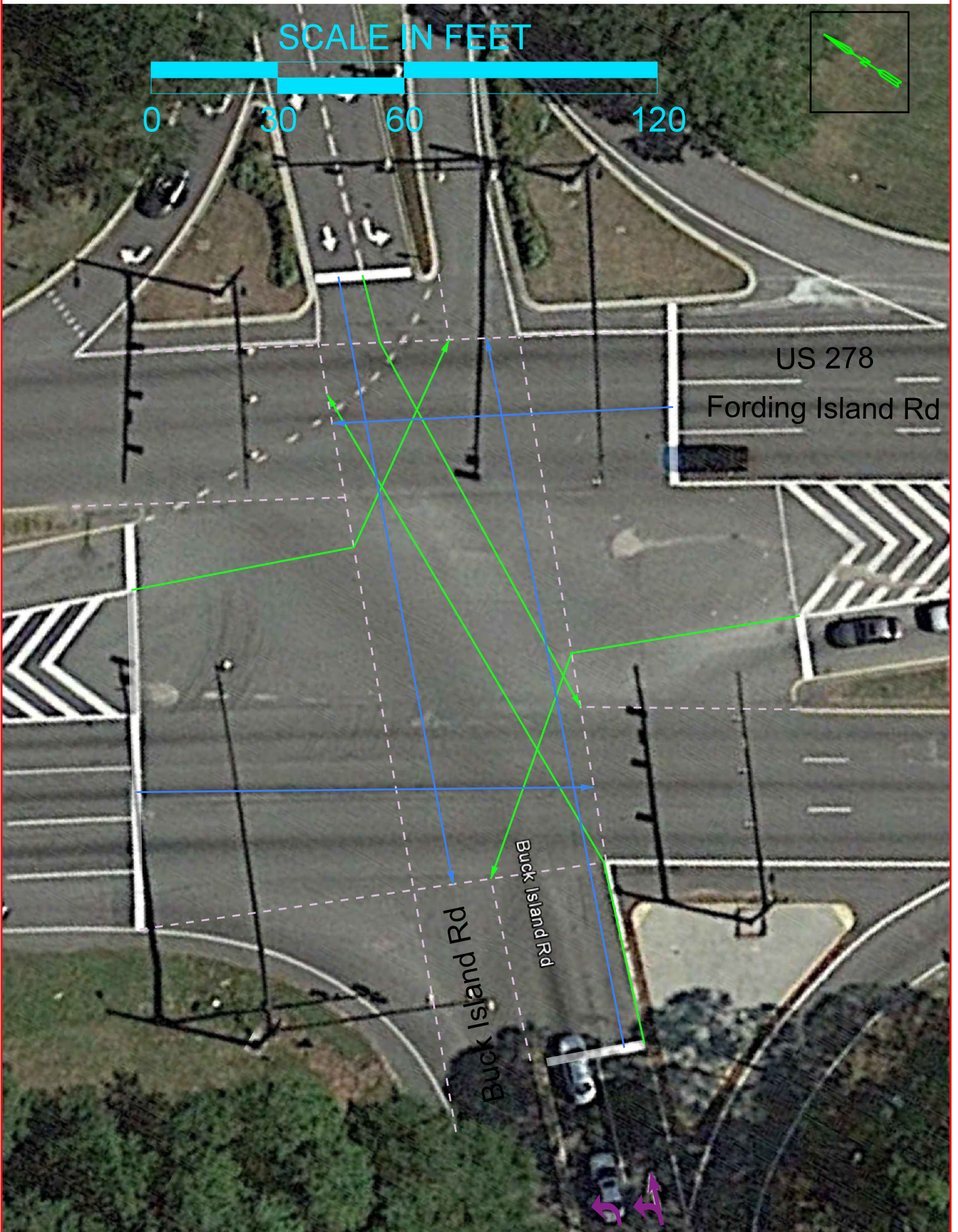
Recommended:	Phase #	8	8	4	4	5	2	1	6
Yellow	sec	4.4	4.4	3.3	3.3	3.0	5.1	3.0	5.1
All Red	sec	3.1	3.1	3.2	3.2	3.4	1.6	3.5	1.4
Walk	sec								
FDW	sec								

SCALE IN FEET



US 278
Fording Island Rd

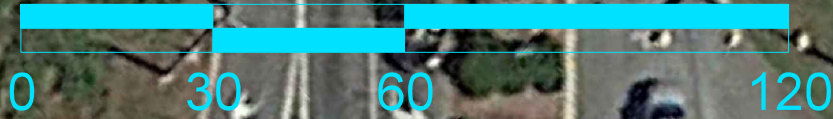
Buck Island Rd
Buck Island Rd



Clearance Time Calculations

City:		District:		Six					
County:	Beaufort	Sig. Inv. #							
NB Street:	SimmonsVille Road	Synchro Node #							
SB Street:	Belfair Village Drive	Computed by:		FEM					
EB Street:	US 278	Checked by:		AE 3/13/18					
WB Street:	US 278	Approved by:							
Movement									
	Street Name	SimmonsVille Road		Belfair Village Drive		US 278		US 278	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru
NEMA Phase #									
	Protected	3	8	7	4	5	2	1	6
	Permissive	8		4					
	FYA								
Speed									
	mph	20	45	20	30	20	45	20	45
	ft/sec	29.33	66.00	29.33	44.00	29.33	66.00	29.33	66.00
Grade									
	%	0%		0%		0%		0%	
	Grade at Stopbar, ft	0.0%		0.0%		0.0%		0.0%	
	Grade at Setback, ft	0.0%		0.0%		0.0%		0.0%	
Clear Distance									
	feet	146	168	116	144	122	112	142	128
Ped Cross Dist									
	Crosswalk (feet)		183				140		
	From B1 (feet)								
	From B2 (feet)								
Parameters									
	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Movement Calcs									
	Yellow, sec	2.5	4.4	2.5	3.3	2.5	4.4	2.5	4.4
	All Red, sec	5.7	2.9	4.7	3.8	4.9	2.0	5.6	2.3
	Mitigated Red, sec	4.0	-	3.5	3.2	3.6	-	4.0	-
	Unadjusted FDW, sec		52.3				40.0		
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								
Movement Results									
	Yellow, sec	3.0	4.4	3.0	3.3	3.0	4.4	3.0	4.4
	All Red, sec	4.0	2.9	3.5	3.2	3.6	2.0	4.0	2.3
	Total Clear, sec	7.0	7.3	6.5	6.5	6.6	6.4	7.0	6.7
Shared Mvmt Calc									
	Yellow, sec	4.4		3.3		None		None	
	All Red, sec	2.9		3.2		None		None	
	Total Clear, sec	7.3		6.5		None		None	
	Unadjusted FDW, sec	52.3		0.0		None		None	
	Unadjusted B1 FDW, sec	0.0		0.0		None		None	
	Unadjusted B2 FDW, sec	0.0		0.0		None		None	
Recommended:									
	Phase #	3	8	7	4	5	2	1	6
Yellow	sec	3.0	4.4	3.0	3.3	3.0	4.4	3.0	4.4
All Red	sec	4.0	2.9	3.5	3.2	3.6	2.0	4.0	2.3
Walk	sec		7				7		
FDW	sec		53				40		

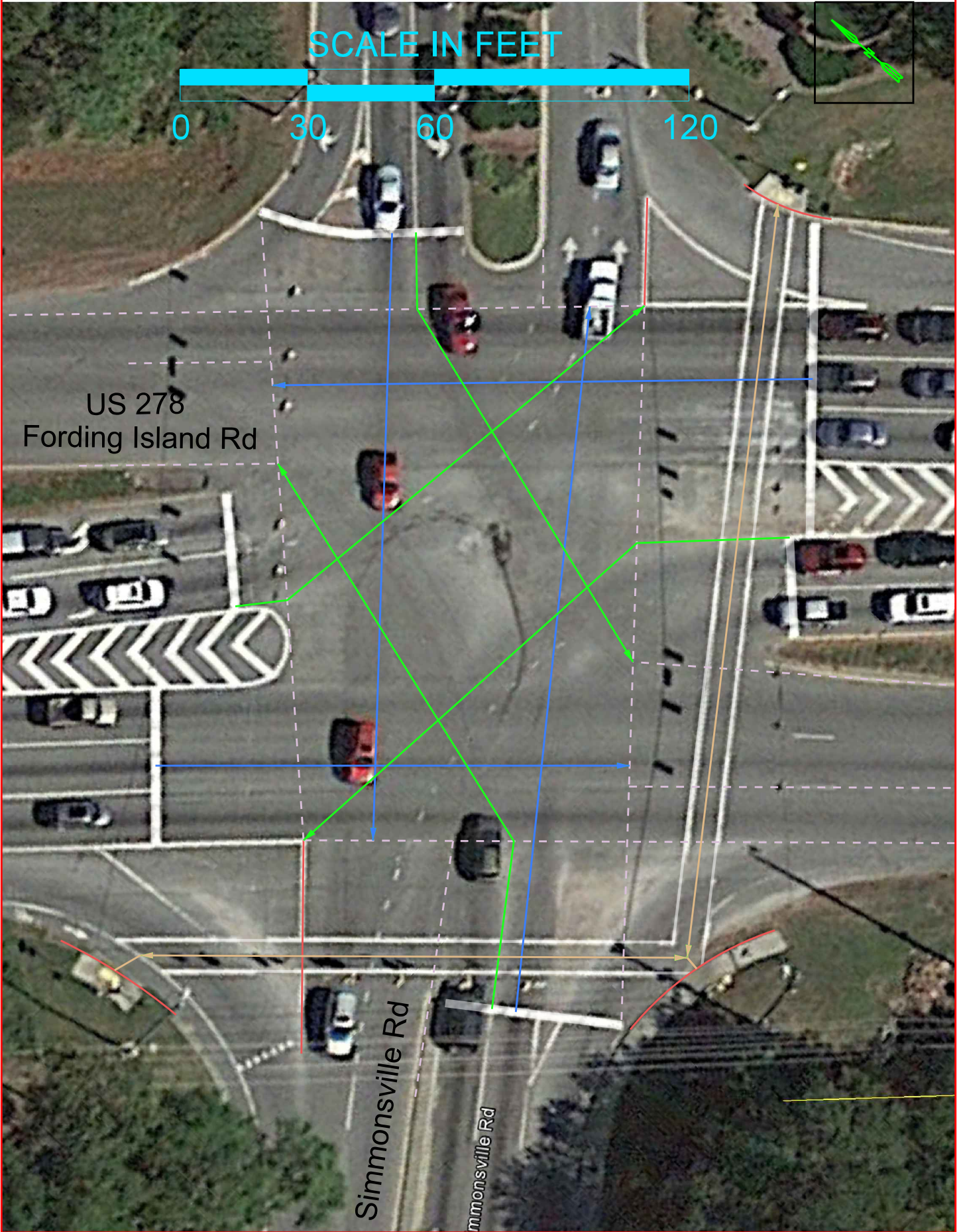
SCALE IN FEET



US 278
Fording Island Rd

Simmonsville Rd

Simmonsville Rd



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	SC 46	Synchro Node #	
SB Street:	Crescent Drive	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	SC 46		Crescent Drive		US 278		US 278	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected	3	3	4	4	5	2	1	6
	Permissive								
	FYA								

Speed	mph	20	45	20	30	20	45	20	45
	ft/sec	29.33	66.00	29.33	44.00	29.33	66.00	29.33	66.00

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	170	151	105	130	124	98	145	127
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Ped Cross Dist	Crosswalk (feet)		141		30		80		
	From B1 (feet)								
	From B2 (feet)								

Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Movement Calcs	Yellow, sec	2.5	4.4	2.5	3.3	2.5	4.4	2.5	4.4
	All Red, sec	6.5	2.6	4.3	3.5	5.0	1.8	5.7	2.3
	Mitigated Red, sec	4.4	-	3.3	3.0	3.7	-	4.0	-
	Unadjusted FDW, sec		40.3		8.6		22.9		
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0	4.4	3.0	3.3	3.0	4.4	3.0	4.4
	All Red, sec	4.4	2.6	3.3	3.0	3.7	1.8	4.0	2.3
	Total Clear, sec	7.4	7.0	6.3	6.3	6.7	6.2	7.0	6.7

Shared Mvmt Calc	Yellow, sec	4.4	3.3	None	None
	All Red, sec	3.0	3.0	None	None
	Total Clear, sec	7.4	6.3	None	None
	Unadjusted FDW, sec	40.3	8.6	None	None
	Unadjusted B1 FDW, sec	0.0	0.0	None	None
	Unadjusted B2 FDW, sec	0.0	0.0	None	None

Recommended:	Phase #	3	3	4	4	5	2	1	6
Yellow	sec	4.4	4.4	3.3	3.3	3.0	4.4	3.0	4.4
All Red	sec	3.0	3.0	3.0	3.0	3.7	1.8	4.0	2.3
Walk	sec		7		7		7		
FDW	sec		41		9		23		

SCALE IN FEET



0 30 60 120

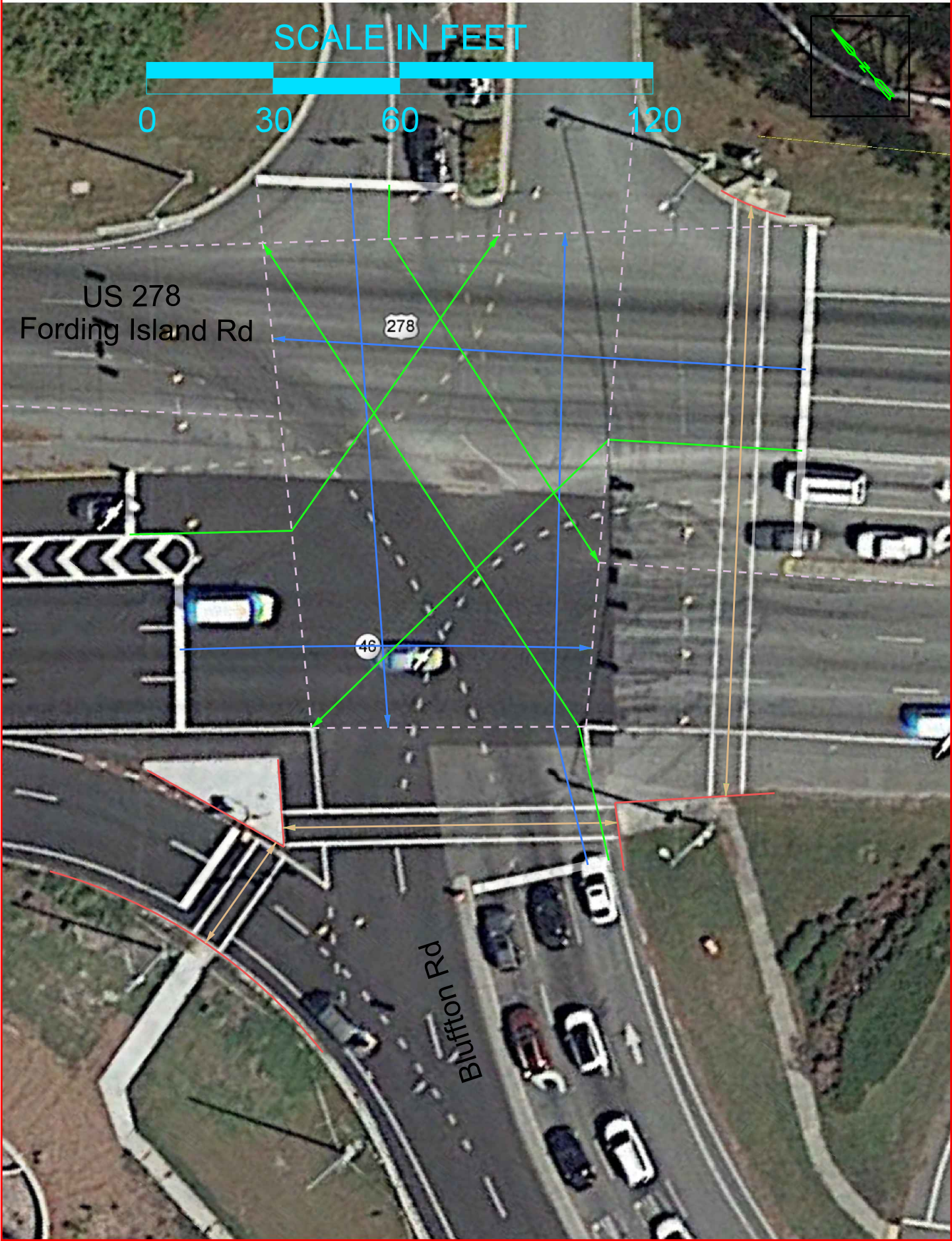


US 278
Fording Island Rd

278

46

Bluffton Rd



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Target Driveway	Synchro Node #	
SB Street:	Home Depot Driveway	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Target Driveway		Home Depot Driveway		US 278		US 278	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected	3	8	7	4	5	2	1	6
	Permissive					2		6	
	FYA					y		y	

Speed	mph	20	30	20	30	20	45	20	45
	ft/sec	29.33	44.00	29.33	44.00	29.33	66.00	29.33	66.00

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	123	115	119	108	128	143	120	135
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Ped Cross Dist	Crosswalk (feet)								
	From B1 (feet)								
	From B2 (feet)								

Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

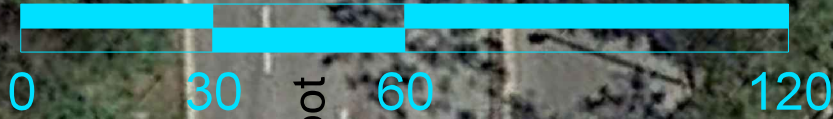
Movement Calcs	Yellow, sec	2.5	3.3	2.5	3.3	2.5	4.4	2.5	4.4
	All Red, sec	4.9	3.1	4.8	3.0	5.1	2.5	4.8	2.4
	Mitigated Red, sec	3.6	2.9	3.6	-	3.7	-	3.6	-
	Unadjusted FDW, sec								
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0	3.3	3.0	3.3	3.0	4.4	3.0	4.4
	All Red, sec	3.6	2.9	3.6	3.0	3.7	2.5	3.6	2.4
	Total Clear, sec	6.6	6.2	6.6	6.3	6.7	6.9	6.6	6.8

Shared Mvmt Calc	Yellow, sec	None	None	None	None	4.4	4.4	4.4	4.4
	All Red, sec	None	None	None	None	2.5	2.4	2.4	2.4
	Total Clear, sec	None	None	None	None	6.9	6.8	6.8	6.8
	Unadjusted FDW, sec	None	None	None	None	0.0	0.0	0.0	0.0
	Unadjusted B1 FDW, sec	None	None	None	None	0.0	0.0	0.0	0.0
	Unadjusted B2 FDW, sec	None	None	None	None	0.0	0.0	0.0	0.0

Recommended:	Phase #	3	8	7	4	5	2	1	6
Yellow	sec	3.0	3.3	3.0	3.3	3.0	4.4	3.0	4.4
All Red	sec	3.6	2.9	3.6	3.0	3.7	2.5	3.6	2.4
Walk	sec								
FDW	sec								

SCALE IN FEET

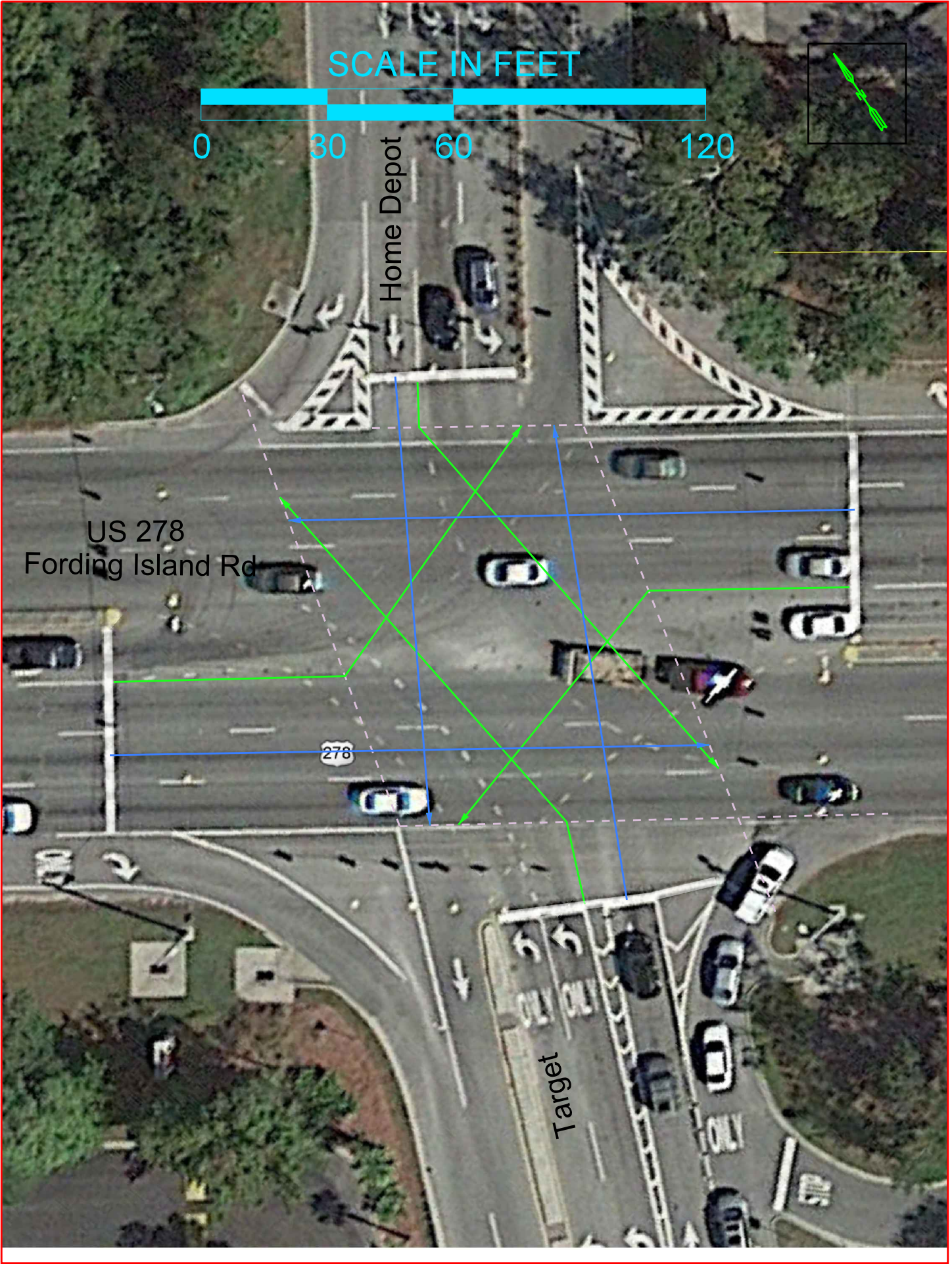


Home Depot

US 278
Fording Island Rd

278

Target



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Burnt Church Road	Synchro Node #	
SB Street:	Trimblestone Road	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Burnt Church Road		Trimblestone Road		US 278		US 278	
		Northbound		Southbound		Eastbound		Westbound	
		Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected		8		4	5	2	1	6
	Permissive	8		4					
	FYA								

Speed	mph	20	45	20	30	20	45	20	45
	ft/sec	29.33	66.00	29.33	44.00	29.33	66.00	29.33	66.00

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	102	142	93	126	125	114	152	118
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Ped Cross Dist	Crosswalk (feet)		126				120		
	From B1 (feet)								
	From B2 (feet)								

Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

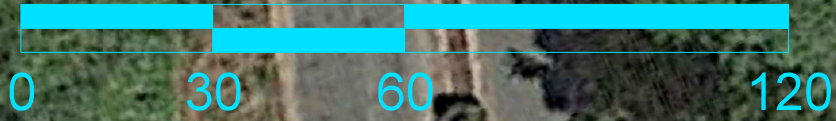
Movement Calcs	Yellow, sec	2.5	4.4	2.5	3.3	2.5	4.4	2.5	4.4
	All Red, sec	4.2	2.5	3.9	3.4	5.0	2.1	5.9	2.1
	Mitigated Red, sec	3.3	-	3.1	3.0	3.7	-	4.1	-
	Unadjusted FDW, sec		36.0				34.3		
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0	4.4	3.0	3.3	3.0	4.4	3.0	4.4
	All Red, sec	3.3	2.5	3.1	3.0	3.7	2.1	4.1	2.1
	Total Clear, sec	6.3	6.9	6.1	6.3	6.7	6.5	7.1	6.5

Shared Mvmt Calc	Yellow, sec	4.4	3.3	None	None
	All Red, sec	2.5	3.0	None	None
	Total Clear, sec	6.9	6.3	None	None
	Unadjusted FDW, sec	36.0	0.0	None	None
	Unadjusted B1 FDW, sec	0.0	0.0	None	None
	Unadjusted B2 FDW, sec	0.0	0.0	None	None

Recommended:	Phase #	8	4	5	2	1	6
Yellow	sec	4.4	3.3	3.0	4.4	3.0	4.4
All Red	sec	2.5	3.0	3.7	2.1	4.1	2.1
Walk	sec	7			7		
FDW	sec	36			35		

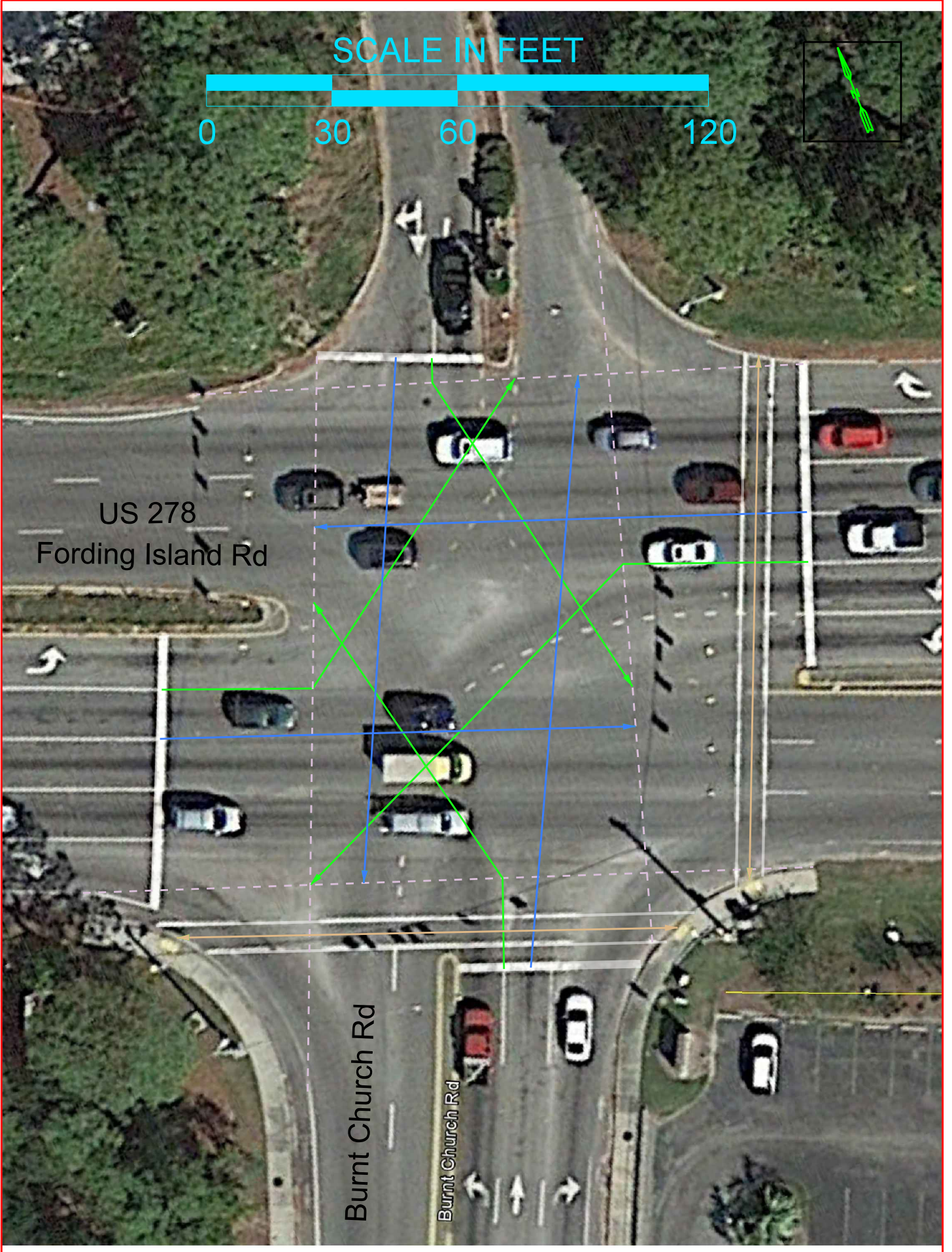
SCALE IN FEET



US 278
Fording Island Rd

Burnt Church Rd

Burnt Church Rd



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Tanger 1	Synchro Node #	
SB Street:	Sawmill Creek Road	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Tanger 1		Sawmill Creek Road		US 278		US 278	
		Northbound		Southbound		Eastbound		Westbound	
		Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected		8		4	5	2	1	6
	Permissive	8		4		2		6	
	FYA								

Speed	mph	20	30	20	45	20	45	20	45
	ft/sec	29.33	44.00	29.33	66.00	29.33	66.00	29.33	66.00

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	118	167	123	161	141	92	113	92
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Ped Cross Dist	Crosswalk (feet)								
	From B1 (feet)								
	From B2 (feet)								

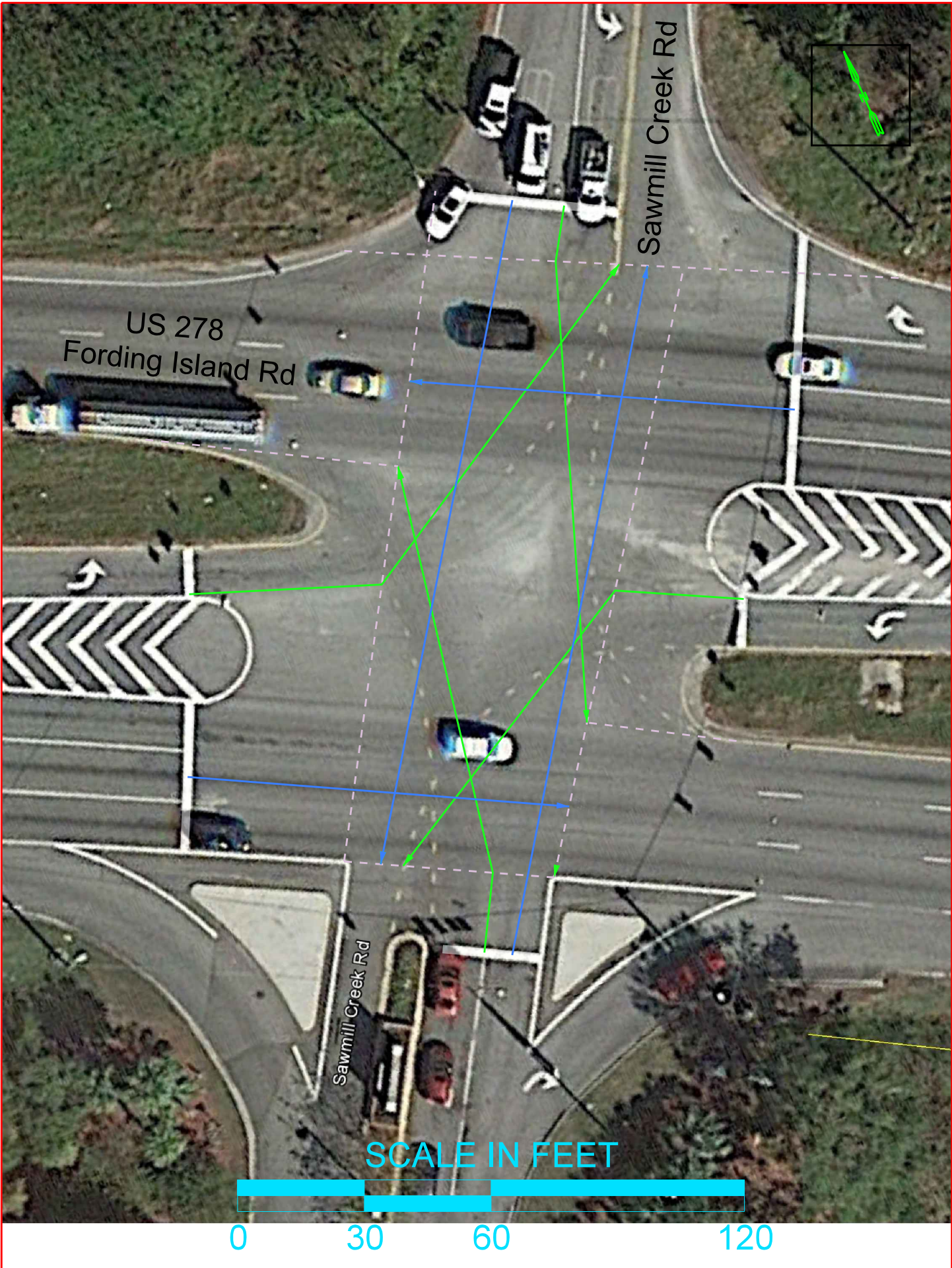
Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Movement Calcs	Yellow, sec	2.5	3.3	2.5	4.4	2.5	4.4	2.5	4.4
	All Red, sec	4.8	4.3	4.9	2.8	5.5	1.7	4.6	1.7
	Mitigated Red, sec	3.6	3.4	3.6	-	4.0	-	3.5	-
	Unadjusted FDW, sec								
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0	3.3	3.0	4.4	3.0	4.4	3.0	4.4
	All Red, sec	3.6	3.4	3.6	2.8	4.0	1.7	3.5	1.7
	Total Clear, sec	6.6	6.7	6.6	7.2	7.0	6.1	6.5	6.1

Shared Mvmt Calc	Yellow, sec	3.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	All Red, sec	3.4	2.8	2.6	2.1	2.6	2.1	2.6	2.1
	Total Clear, sec	6.7	7.2	7.0	6.5	7.0	6.1	6.5	6.1
	Unadjusted FDW, sec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Unadjusted B1 FDW, sec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Unadjusted B2 FDW, sec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Recommended:	Phase #	8	4	5	2	1	6		
Yellow	sec	3.3	4.4	3.0	4.4	3.0	4.4	3.0	4.4
All Red	sec	3.4	2.8	4.0	2.6	3.5	2.1	3.5	2.1
Walk	sec								
FDW	sec								



US 278
Fording Island Rd

Sawmill Creek Rd

Sawmill Creek Rd

SCALE IN FEET

0 30 60 120

Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Malphrus Road	Synchro Node #	
SB Street:	Colleton River Drive	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Malphrus Road		Colleton River Drive		US 278		US 278	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected	3	3	4	4	5	2	1	6
	Permissive					2		6	
	FYA								

Speed	mph	20	45	20	30	20	45	20	45
	ft/sec	29.33	66.00	29.33	44.00	29.33	66.00	29.33	66.00

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	150	157	130	146	106	83	124	84
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Ped Cross Dist	Crosswalk (feet)								
	From B1 (feet)								
	From B2 (feet)								

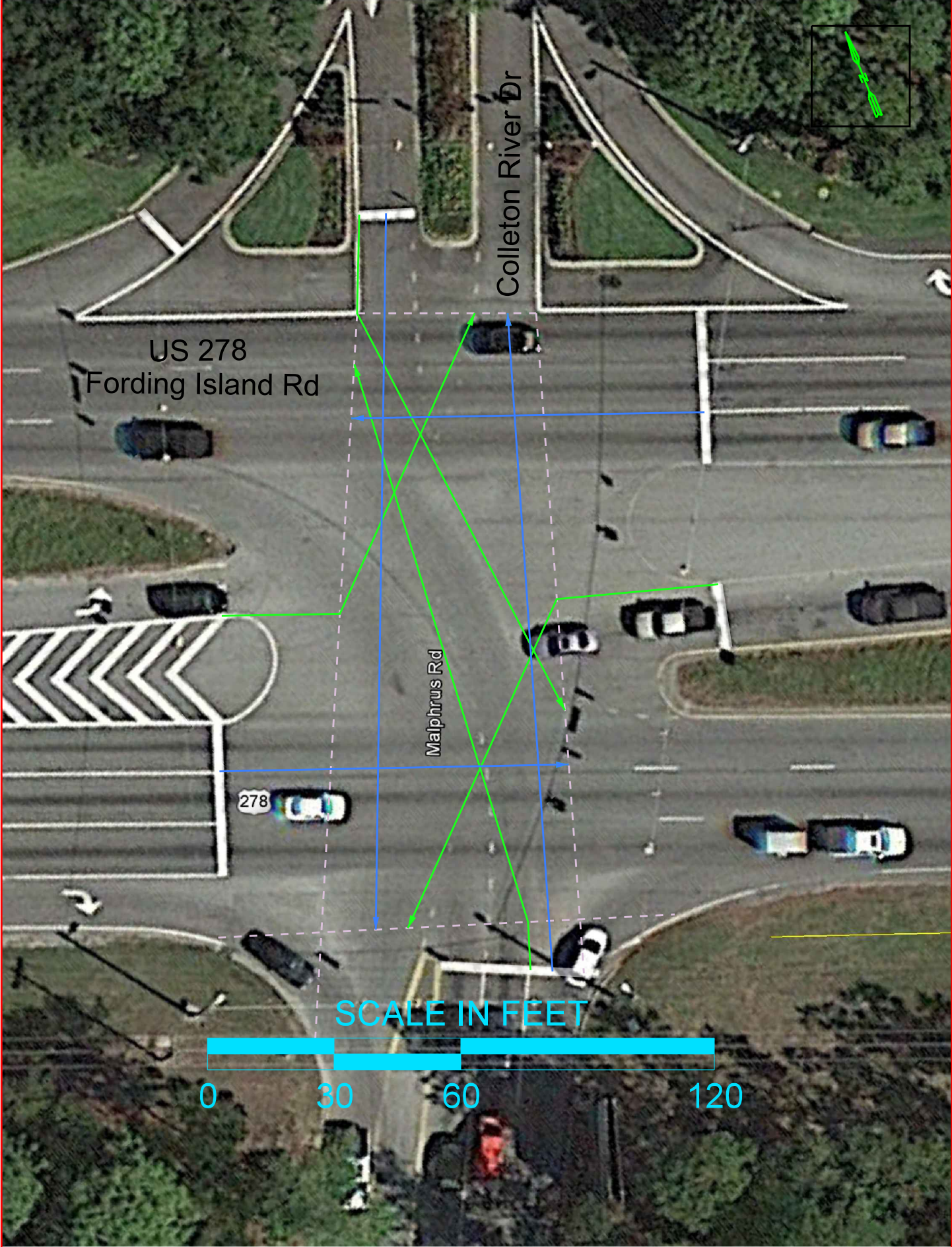
Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Movement Calcs	Yellow, sec	2.5	4.4	2.5	3.3	2.5	4.4	2.5	4.4
	All Red, sec	5.8	2.7	5.2	3.8	4.3	1.6	5.0	1.6
	Mitigated Red, sec	4.1	-	3.8	3.2	3.4	-	3.7	-
	Unadjusted FDW, sec								
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0	4.4	3.0	3.3	3.0	4.4	3.0	4.4
	All Red, sec	4.1	2.7	3.8	3.2	3.4	1.6	3.7	1.6
	Total Clear, sec	7.1	7.1	6.8	6.5	6.4	6.0	6.7	6.0

Shared Mvmt Calc	Yellow, sec	4.4	3.3	4.4	4.4
	All Red, sec	2.7	3.5	2.0	2.3
	Total Clear, sec	7.1	6.8	6.4	6.7
	Unadjusted FDW, sec	0.0	0.0	0.0	0.0
	Unadjusted B1 FDW, sec	0.0	0.0	0.0	0.0
	Unadjusted B2 FDW, sec	0.0	0.0	0.0	0.0

Recommended:	Phase #	3	3	4	4	5	2	1	6
Yellow	sec	4.4	4.4	3.3	3.3	3.0	4.4	3.0	4.4
All Red	sec	2.7	2.7	3.5	3.5	3.4	2.0	3.7	2.3
Walk	sec								
FDW	sec								



US 278
Fording Island Rd

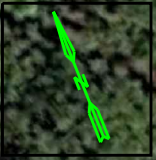
Colleton River Dr

Malphrus Rd

278

SCALE IN FEET

0 30 60 120



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Tanger 2	Synchro Node #	
SB Street:		Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Tanger 2				US 278		US 278	
		Orientation				Eastbound		Westbound	
		Northbound		Southbound		Left	Thru	Left	Thru
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected	8					2	1	
	Permissive								
	FYA								

Speed	mph	20	30	20		20	45	20	45
	ft/sec	29.33	44.00	29.33		29.33	66.00	29.33	66.00

Grade	%	0%	0%	0%		0%		0%	
	Grade at Stopbar, ft	0.0%	0.0%	0.0%		0.0%		0.0%	
	Grade at Setback, ft	0.0%	0.0%	0.0%		0.0%		0.0%	

Clear Distance	feet	77					91	66	
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Ped Cross Dist	Crosswalk (feet)								
	From B1 (feet)								
	From B2 (feet)								

Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

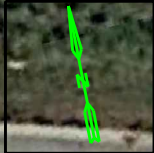
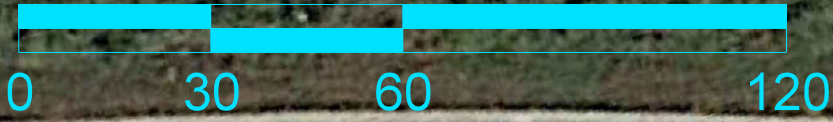
Movement Calcs	Yellow, sec	2.5					4.4	2.5	
	All Red, sec	3.4					1.7	3.0	
	Mitigated Red, sec	2.9					-	-	
	Unadjusted FDW, sec								
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0					4.4	3.0	
	All Red, sec	2.9					1.7	3.0	
	Total Clear, sec	5.9					6.1	6.0	

Shared Mvmt Calc	Yellow, sec	3.0					None	3.0	
	All Red, sec	2.9					None	3.0	
	Total Clear, sec	5.9					None	6.0	
	Unadjusted FDW, sec	0.0					None	0.0	
	Unadjusted B1 FDW, sec	0.0					None	0.0	
	Unadjusted B2 FDW, sec	0.0					None	0.0	

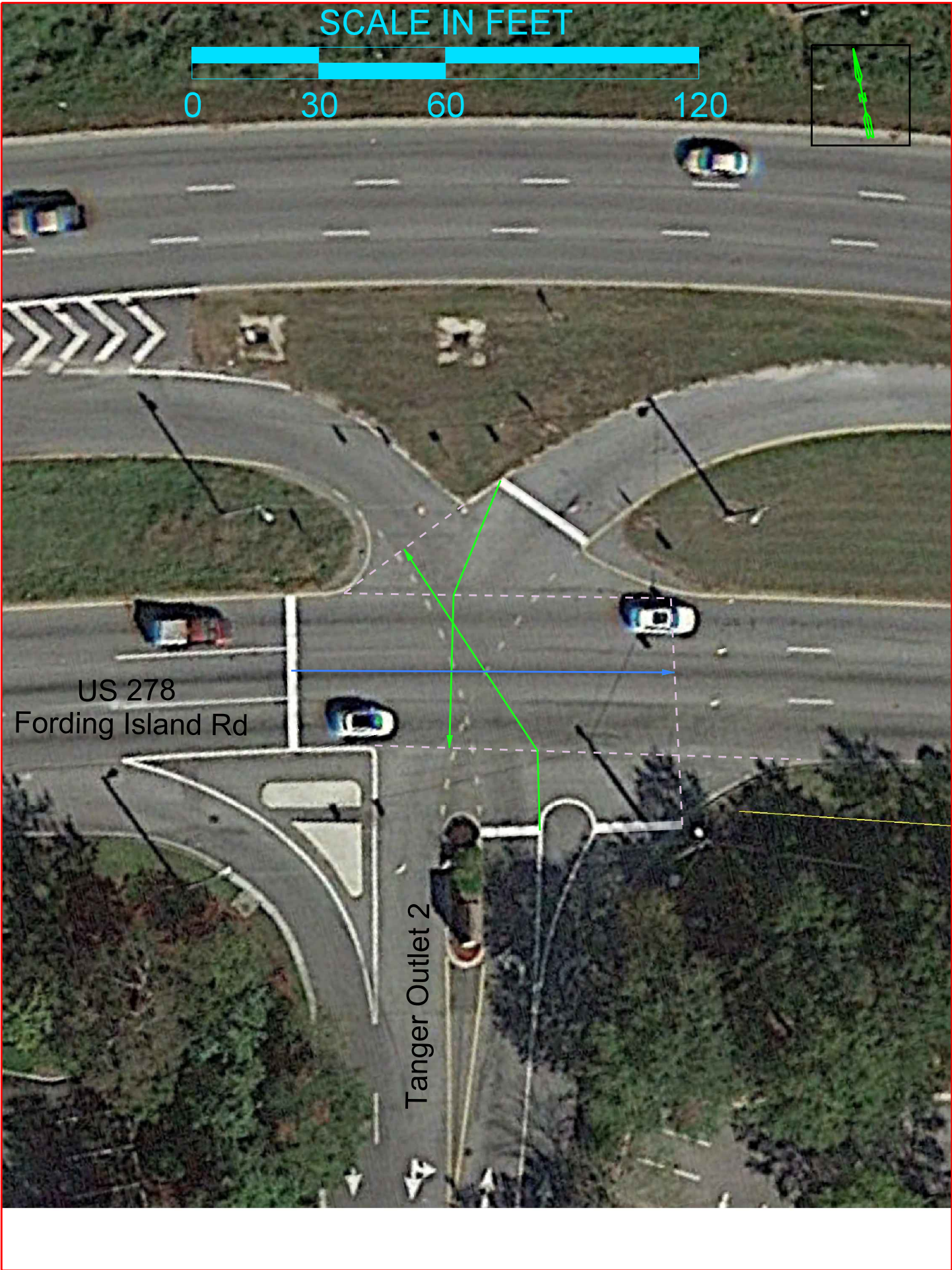
Recommended:	Phase #	8					2	1	
Yellow	sec	3.0					4.4	3.0	
All Red	sec	2.9					1.7	3.0	
Walk	sec								
FDW	sec								

SCALE IN FEET



US 278
Fording Island Rd

Tanger Outlet 2



Clearance Time Calculations

City:		District:	Six
County:	Beaufort	Sig. Inv. #	
NB Street:	Buckingham Plantation Drive	Synchro Node #	
SB Street:	Moss Creek Drive	Computed by:	FEM
EB Street:	US 278	Checked by:	AE 3/13/18
WB Street:	US 278	Approved by:	

Movement	Street Name	Buckingham Plantation Drive		Moss Creek Drive		US 278		US 278	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru

NEMA Phase #	Protected	3	8	7	4	5	2	1	6
	Permissive	8		4					
	FYA								

Speed	mph	20	45	20	30	20	45	20	45
	ft/sec	29.33	66.00	29.33	44.00	29.33	66.00	29.33	66.00

Grade	%	0%	0%	0%	0%	0%	0%	0%	0%
	Grade at Stopbar, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Grade at Setback, ft	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Clear Distance	feet	104	136	99	122	94	81	95	85
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Ped Cross Dist	Crosswalk (feet)								
	From B1 (feet)								
	From B2 (feet)								

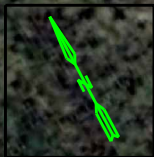
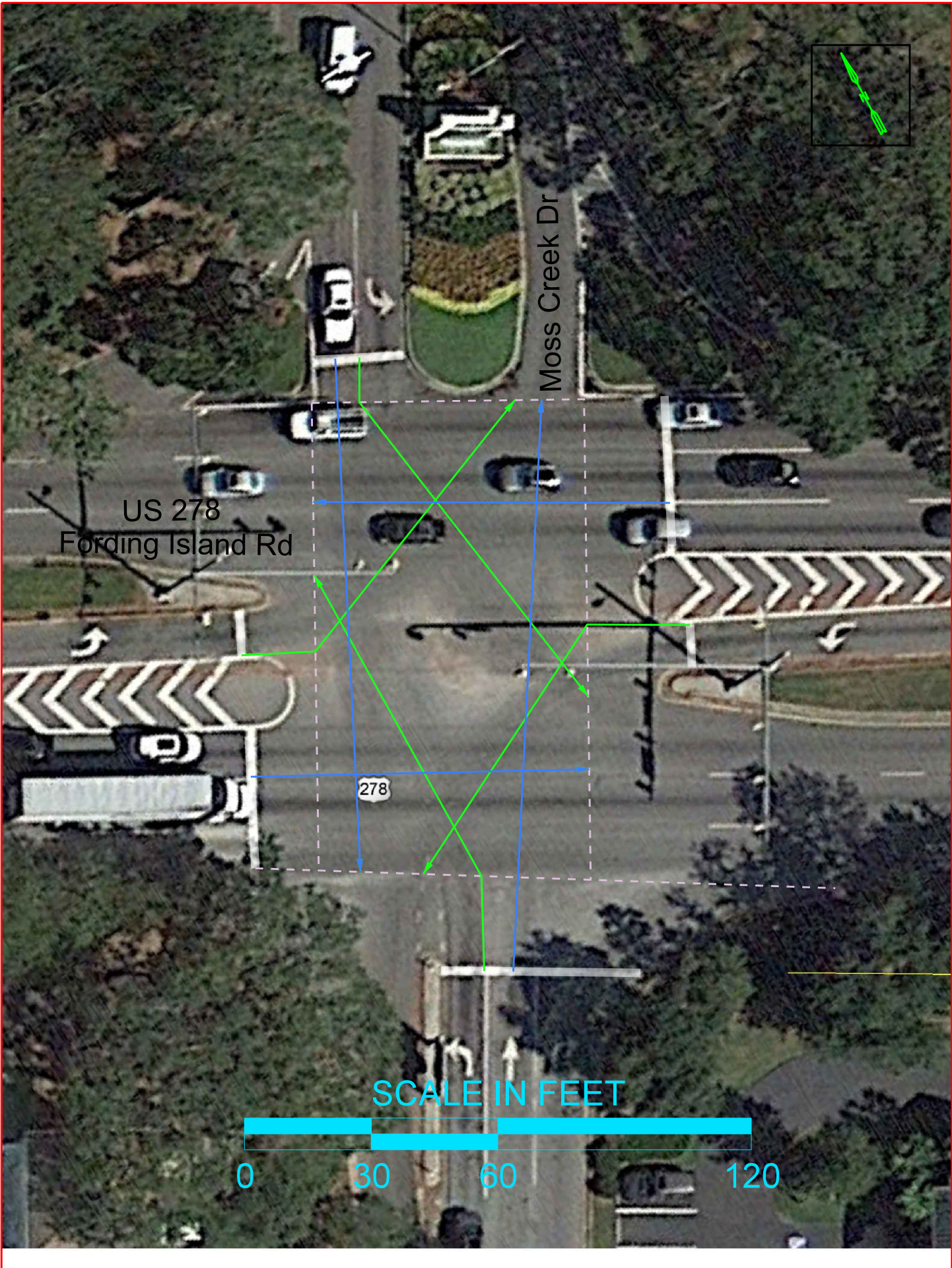
Parameters	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Movement Calcs	Yellow, sec	2.5	4.4	2.5	3.3	2.5	4.4	2.5	4.4
	All Red, sec	4.3	2.4	4.1	3.3	3.9	1.6	4.0	1.6
	Mitigated Red, sec	3.3	-	3.2	2.9	3.2	-	3.2	-
	Unadjusted FDW, sec								
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								

Movement Results	Yellow, sec	3.0	4.4	3.0	3.3	3.0	4.4	3.0	4.4
	All Red, sec	3.3	2.4	3.2	2.9	3.2	1.6	3.2	1.6
	Total Clear, sec	6.3	6.8	6.2	6.2	6.2	6.0	6.2	6.0

Shared Mvmt Calc	Yellow, sec	4.4	3.3	None	None
	All Red, sec	2.4	2.9	None	None
	Total Clear, sec	6.8	6.2	None	None
	Unadjusted FDW, sec	0.0	0.0	None	None
	Unadjusted B1 FDW, sec	0.0	0.0	None	None
	Unadjusted B2 FDW, sec	0.0	0.0	None	None

Recommended:	Phase #	3	8	7	4	5	2	1	6
Yellow	sec	3.0	4.4	3.0	3.3	3.0	4.4	3.0	4.4
All Red	sec	3.3	2.4	3.2	2.9	3.2	1.6	3.2	1.6
Walk	sec								
FDW	sec								



Moss Creek Dr

US 278
Fording Island Rd

278

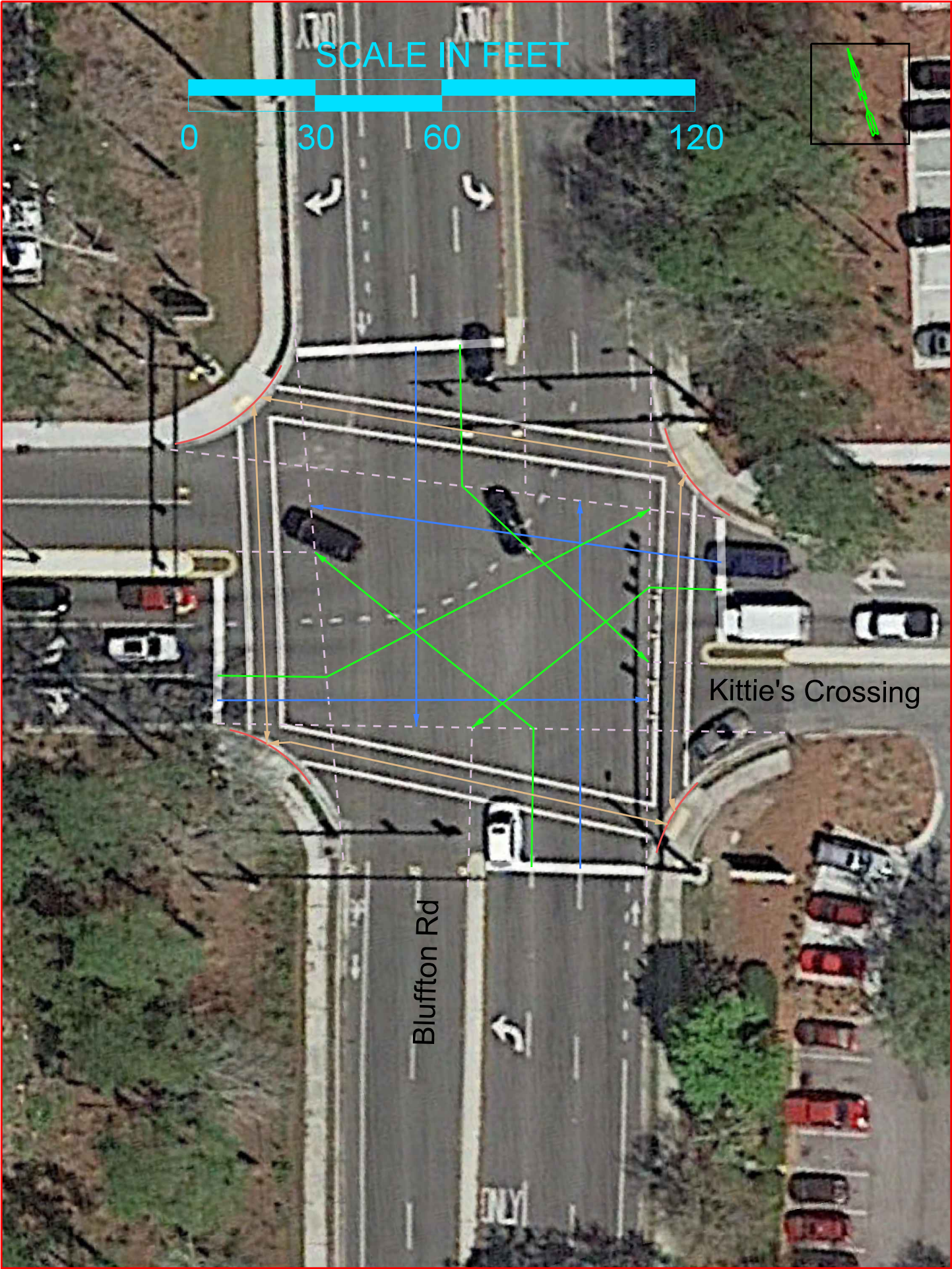
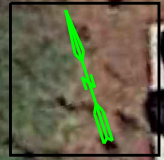
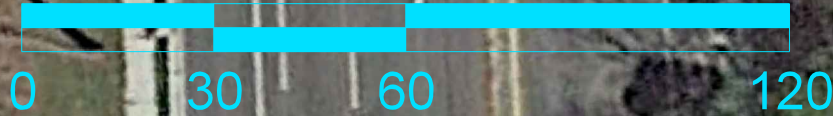
SCALE IN FEET



Clearance Time Calculations

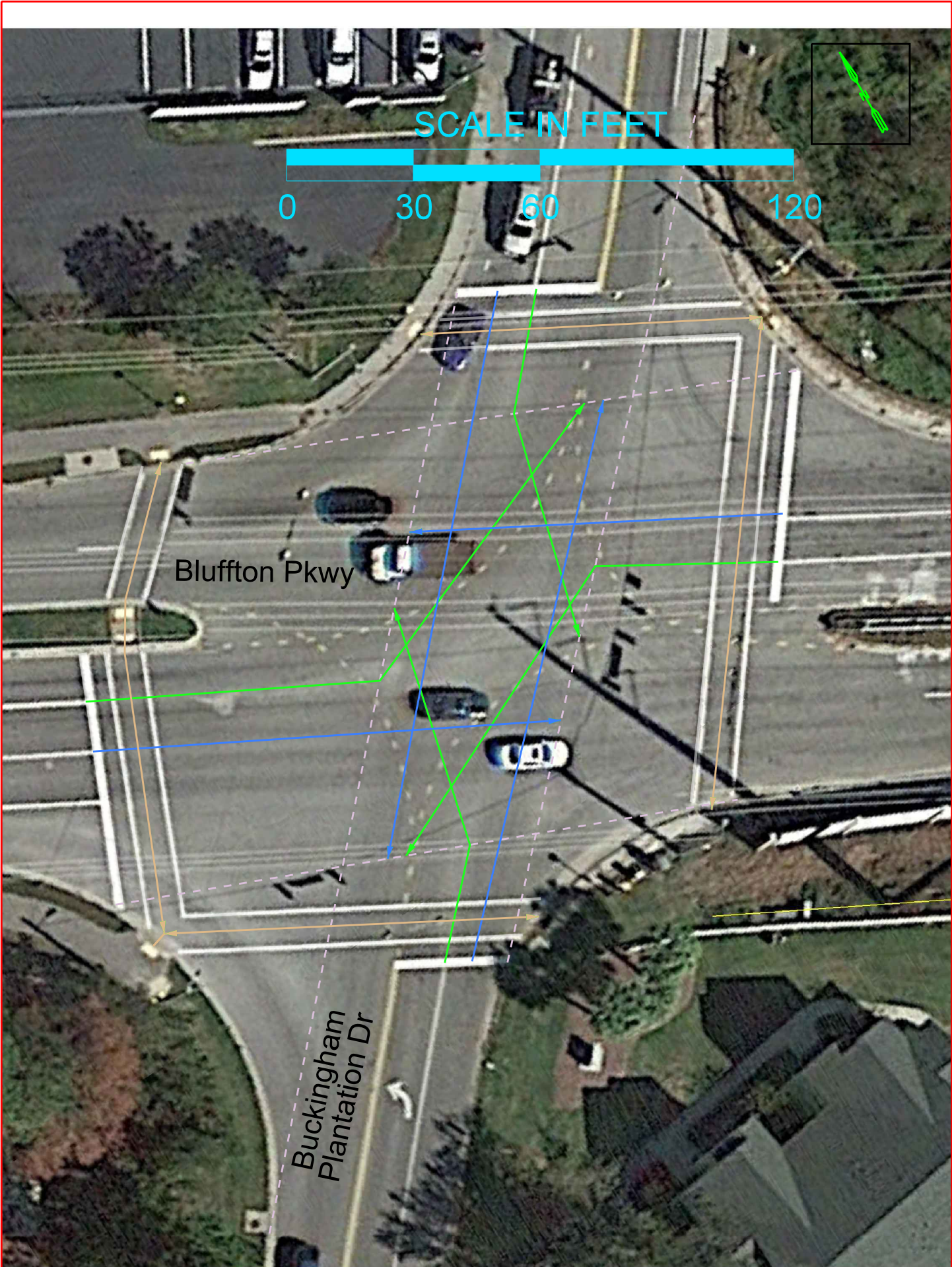
City:		District:				Six			
County:	Beaufort	Sig. Inv. #							
NB Street:	SC 46	Synchro Node #							
SB Street:	SC 46	Computed by:				FEM			
EB Street:	Wal-Mart Driveway	Checked by:				AE 3/13/18			
WB Street:	Kitties Crossing	Approved by:							
Movement									
	Street Name	SC 46		SC 46		Wal-Mart Driveway		Kitties Crossing	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru
NEMA Phase #									
	Protected	1	6	5	2	3	8	7	4
	Permissive	6		2					
	FYA	y		y					
Speed									
	mph	20	45	20	45	20	25	20	25
	ft/sec	29.33	66.00	29.33	66.00	29.33	36.67	29.33	36.67
Grade									
	%	0%		0%		0%		0%	
	Grade at Stopbar, ft	0.0%		0.0%		0.0%		0.0%	
	Grade at Setback, ft	0.0%		0.0%		0.0%		0.0%	
Clear Distance									
	feet	97	89	88	87	108	97	68	92
Ped Cross Dist									
	Crosswalk (feet)		85		83		96		102
	From B1 (feet)								
	From B2 (feet)								
Parameters									
	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Movement Calcs									
	Yellow, sec	2.5	4.4	2.5	4.4	2.5	2.9	2.5	2.9
	All Red, sec	4.0	1.7	3.7	1.7	4.4	3.2	3.0	3.1
	Mitigated Red, sec	3.2	-	3.0	-	3.4	2.9	-	2.8
	Unadjusted FDW, sec		24.3		23.7		27.4		29.1
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								
Movement Results									
	Yellow, sec	3.0	4.4	3.0	4.4	3.0	3.0	3.0	3.0
	All Red, sec	3.2	1.7	3.0	1.7	3.4	2.9	3.0	2.8
	Total Clear, sec	6.2	6.1	6.0	6.1	6.4	5.9	6.0	5.8
Shared Mvmt Calc									
	Yellow, sec	4.4		4.4		None		None	
	All Red, sec	1.8		1.7		None		None	
	Total Clear, sec	6.2		6.1		None		None	
	Unadjusted FDW, sec	24.3		23.7		None		None	
	Unadjusted B1 FDW, sec	0.0		0.0		None		None	
	Unadjusted B2 FDW, sec	0.0		0.0		None		None	
Recommended:									
	Phase #	1	6	5	2	3	8	7	4
Yellow	sec	3.0	4.4	3.0	4.4	3.0	3.0	3.0	3.0
All Red	sec	3.2	1.8	3.0	1.7	3.4	2.9	3.0	2.8
Walk	sec		7		7		7		7
FDW	sec		25		24		28		30

SCALE IN FEET



Clearance Time Calculations

City:		District:		Six					
County:	Beaufort	Sig. Inv. #							
NB Street:	Buckingham Plantation Drive	Synchro Node #							
SB Street:	Buckingham Plantation Drive	Computed by:		FEM					
EB Street:	Bluffton Parkway	Checked by:		AE 3/13/18					
WB Street:	Bluffton Parkway	Approved by:							
Movement									
	Street Name	Buckingham Plantation Drive		Buckingham Plantation Drive		Bluffton Parkway		Bluffton Parkway	
	Orientation	Northbound		Southbound		Eastbound		Westbound	
	Turn movement	Left	Thru	Left	Thru	Left	Thru	Left	Thru
NEMA Phase #									
	Protected		8		4	5	2		6
	Permissive	8		4		2		6	
	FYA					y			
Speed									
	mph	20	35	20	35	20	45	20	45
	ft/sec	29.33	51.33	29.33	51.33	29.33	66.00	29.33	66.00
Grade									
	%	0%		0%		0%		0%	
	Grade at Stopbar, ft	0.0%		0.0%		0.0%		0.0%	
	Grade at Setback, ft	0.0%		0.0%		0.0%		0.0%	
Clear Distance									
	feet	88	137	86	137	152	112	125	89
Ped Cross Dist									
	Crosswalk (feet)		118		118		93		81
	From B1 (feet)								
	From B2 (feet)								
Parameters									
	Percept-React Time, sec	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Decel Rate, ft/sec ²	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	Walk Speed, fps	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	Walk Speed Bx, fps	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	Walk Time, sec	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Movement Calcs									
	Yellow, sec	2.5	3.6	2.5	3.6	2.5	4.4	2.5	4.4
	All Red, sec	3.7	3.1	3.7	3.1	5.9	2.0	5.0	1.7
	Mitigated Red, sec	3.0	2.9	3.0	2.9	4.1	-	3.7	-
	Unadjusted FDW, sec		33.7		33.7		26.6		23.1
	Unadjusted B1 FDW, sec								
	Unadjusted B2 FDW, sec								
Movement Results									
	Yellow, sec	3.0	3.6	3.0	3.6	3.0	4.4	3.0	4.4
	All Red, sec	3.0	2.9	3.0	2.9	4.1	2.0	3.7	1.7
	Total Clear, sec	6.0	6.5	6.0	6.5	7.1	6.4	6.7	6.1
Shared Mvmt Calc									
	Yellow, sec	3.6		3.6		4.4		4.4	
	All Red, sec	2.9		2.9		2.7		2.3	
	Total Clear, sec	6.5		6.5		7.1		6.7	
	Unadjusted FDW, sec	33.7		33.7		26.6		23.1	
	Unadjusted B1 FDW, sec	0.0		0.0		0.0		0.0	
	Unadjusted B2 FDW, sec	0.0		0.0		0.0		0.0	
Recommended:									
	Phase #	8		4		5		2	
Yellow	sec	3.6		3.6		3.0		4.4	
All Red	sec	2.9		2.9		4.1		2.7	
Walk	sec	7		7		7		7	
FDW	sec	34		34		27		24	



SCALE IN FEET

0 30 60 120

Bluffton Pkwy

Buckingham
Plantation Dr