Wetherill Engineering Inc.

559 Jones Frankin Road, Suite 164
Raleigh NC 27606

Eakes Tract Subdivision
Cornwallis Road, Johnston County,North Carolina

Eakes Tract
Proposed Residential Subdivision
Cornwallis Road
Johnston County

File Name : COUNT 3 OLD DRUG STORE RD adj
Site Code : 00000003
Start Date : 5/7/2015
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Groups Printed- Unshifted - Bank 1

	Old Drug Store					Cornwallas					Old Drug Store										
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
07:00 AM	2	19	0	1	22	10	0	4	0	14	0	108	37	0	145	0	0	0	0	0	181
07:15 AM	8	21	0	0	29	9	0	7	0	16	0	61	35	0	96	0	0	0	0	0	141
07:30 AM	7	23	0	0	30	15	0	8	0	23	0	82	38	0	120	0	0	0	0	0	173
07:45 AM	12	28	0	0	40	30	0	16	0	46	0	77	40	0	117	0	0	0	0	0	203
Total	29	91	0	1	121	64	0	35	0	99	0	328	150	0	478	0	0	0	0	0	698
08:00 AM	4	27	0	0	31	35	0	11	0	46	0	48	18	0	66	0	0	0	0	0	143
08:15 AM	2	27	0	0	29	9	0	3	0	12	0	58	20	0	78	0	0	0	0	0	119
08:30 AM	4	23	0	0	27	10	0	6	0	16	0	68	20	0	88	0	0	0	0	0	131
*** BREAK ***																					
Total	10	77	0	0	87	54	0	20	0	74	0	174	58	0	232	0	0	0	0	0	393
*** BREAK ***																					
04:00 PM	2	58	0	0	60	45	0	11	0	56	0	38	35	0	73	0	0	0	0	0	189
04:15 PM	3	80	0	0	83	36	0	7	0	43	0	49	28	0	77	0	0	0	0	0	203
04:30 PM	11	73	0	0	84	33	0	4	0	37	0	52	23	0	75	0	0	0	0	0	196
04:45 PM	4	79	0	0	83	32	0	6	0	38	0	50	17	0	67	0	0	0	0	0	188
Total	20	290	0	0	310	146	0	28	0	174	0	189	103	0	292	0	0	0	0	0	776
05:00 PM	10	71	0	0	81	45	0	16	0	61	0	45	19	0	64	0	0	0	0	0	206
05:15 PM	11	76	0	0	87	38	0	7	0	45	0	43	40	1	84	0	0	0	0	0	216
05:30 PM	7	83	0	0	90	41	0	6	0	47	0	50	44	0	94	0	0	0	0	0	231
05:45 PM	15	89	2	0	106	40	0	2	0	42	0	48	39	0	87	0	0	0	0	0	235
Total	43	319	2	0	364	164	0	31	0	195	0	186	142	1	329	0	0	0	0	0	888
Grand Total	102	777	2	1	882	428	0	114	0	542	0	877	453	1	1331	0	0	0	0	0	2755
Apprch %	11.6	88.1	0.2	0.1		79	0	21	0		0	65.9	34	0.1		0	0	0	0		
Total %	3.7	28.2	0.1	0	32	15.5	0	4.1	0	19.7	0	31.8	16.4	0	48.3	0	0	0	0	0	
Unshifted	102	777	2	1	882	428	0	114	0	542	0	877	453	1	1331	0	0	0	0	0	2755
% Unshifted	100	100	100	100	100	100	0	100	0	100	0	100	100	100	100	0	0	0	0	0	100
Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bank 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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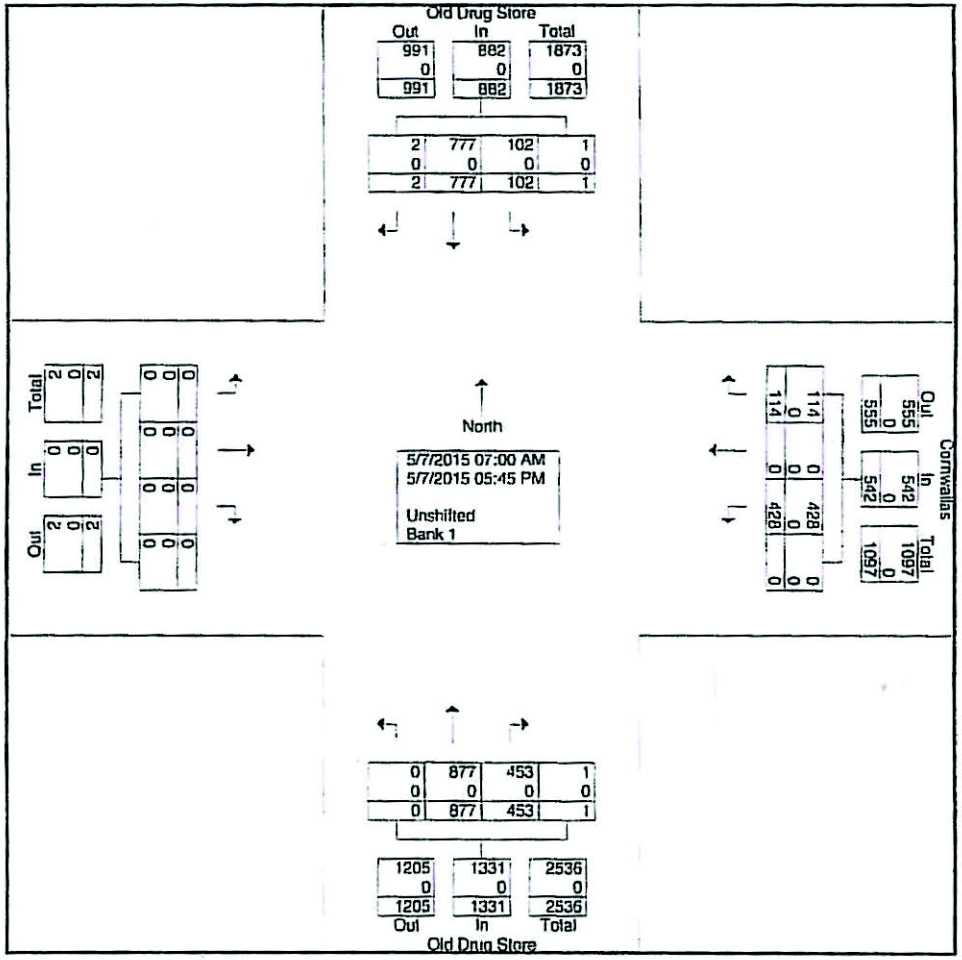

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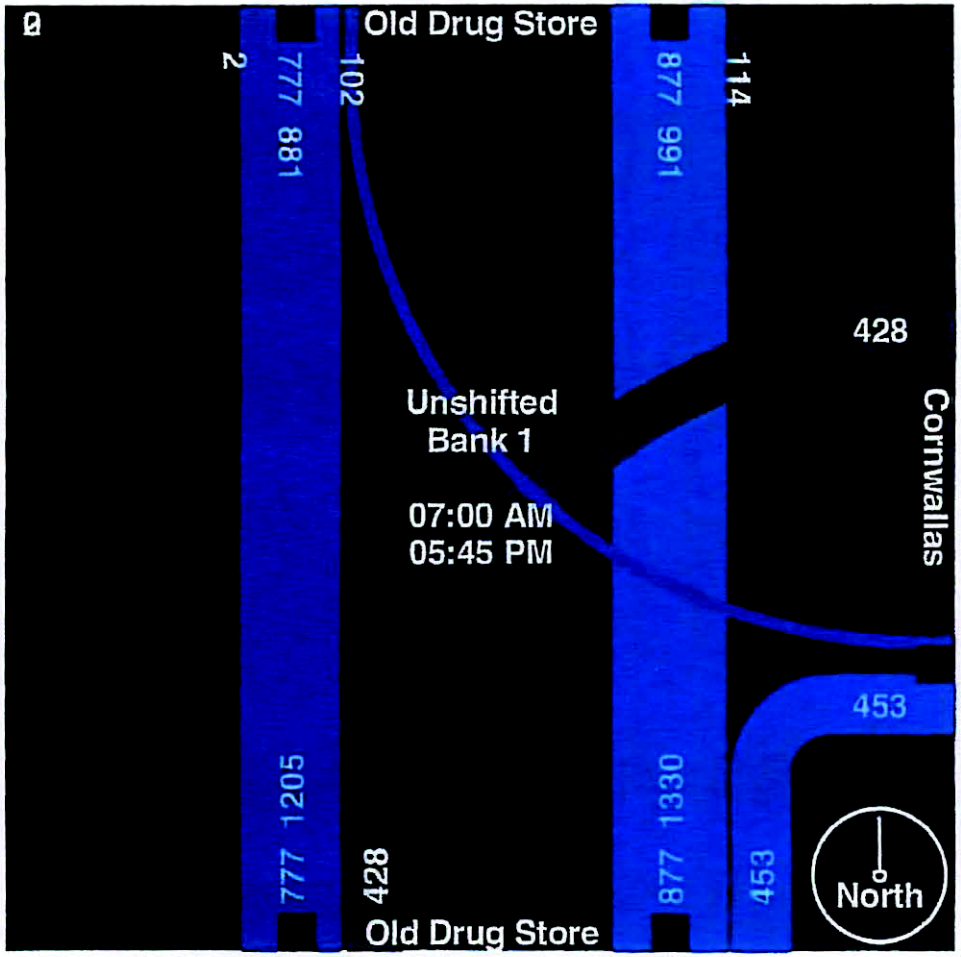

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	Old Drug Store					Cornwallas					Old Drug Store										
Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	2	19	0	1	22	10	0	4	0	14	0	108	37	0	145	0	0	0	0	0	181
07:15 AM	8	21	0	0	29	9	0	7	0	16	0	61	35	0	96	0	0	0	0	0	141
07:30 AM	7	23	0	0	30	15	0	8	0	23	0	82	38	0	120	0	0	0	0	0	173
07:45 AM	12	28	0	0	40	30	0	16	0	46	0	77	40	0	117	0	0	0	0	0	203
Total Volume	29	91	0	1	121	64	0	35	0	99	0	328	150	0	478	0	0	0	0	0	698
% App. Total	24	75.2	0	0.8		64.6	0	35.4	0		0	68.6	31.4	0		0	0	0	0		
PHF	.604	.813	.000	.250	.756	.533	.000	.547	.000	.538	.000	.759	.938	.000	.824	.000	.000	.000	.000	.000	.860

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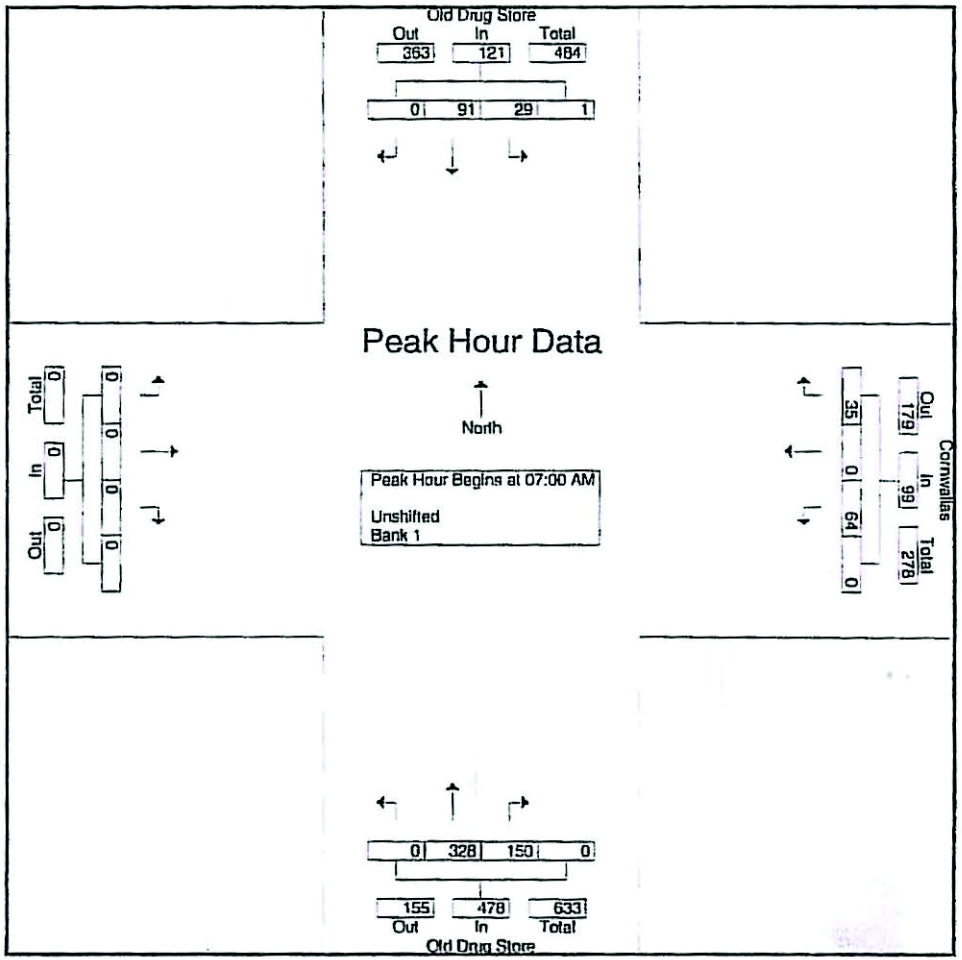

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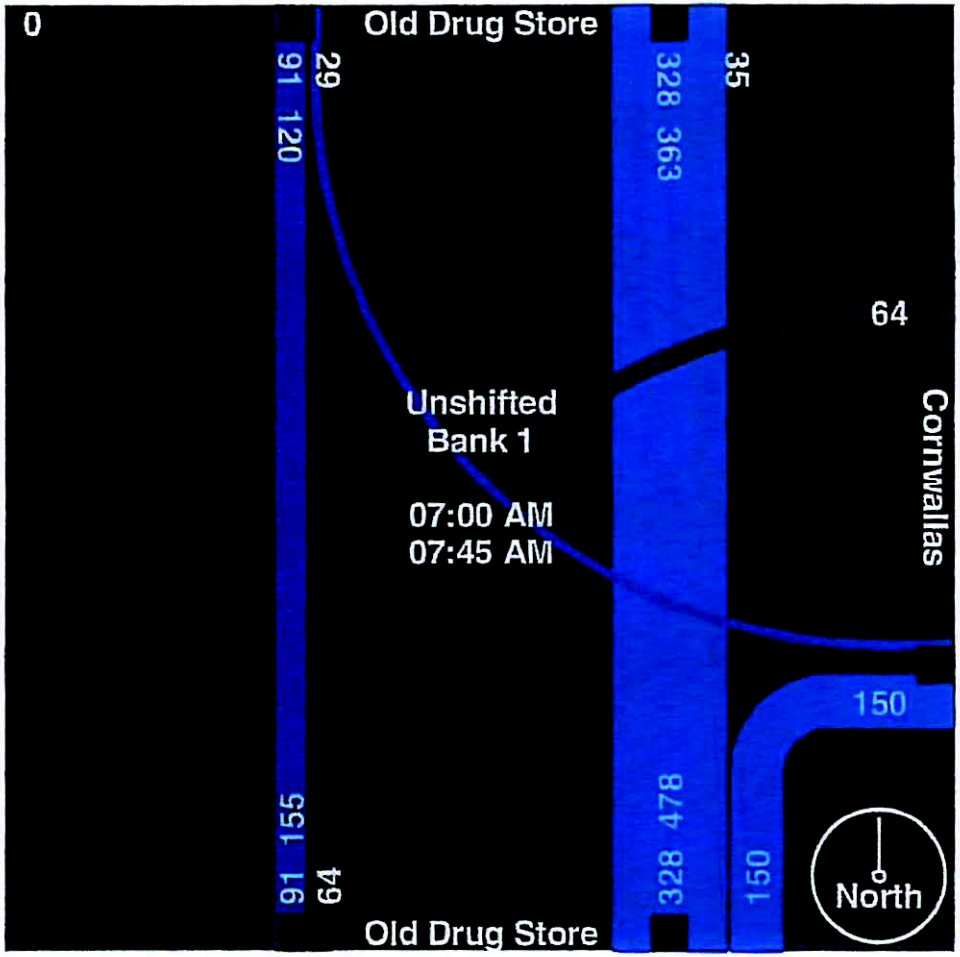

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Start Time					App. Total					App. Total					App. Total					App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	10	71	0	0	81	45	0	16	0	61	0	45	19	0	64	0	0	0	0	0	206
05:15 PM	11	76	0	0	87	38	0	7	0	45	0	43	40	1	84	0	0	0	0	0	216
05:30 PM	7	83	0	0	90	41	0	6	0	47	0	50	44	0	94	0	0	0	0	0	231
05:45 PM	15	89	2	0	106	40	0	2	0	42	0	48	39	0	87	0	0	0	0	0	235
Total Volume	43	319	2	0	364	164	0	31	0	195	0	186	142	1	329	0	0	0	0	0	888
% App. Total	11.8	87.6	0.5	0		84.1	0	15.9	0		0	56.5	43.2	0.3		0	0	0	0		
PHF	.717	.896	.250	.000	.858	.911	.000	.484	.000	.799	.000	.930	.807	.250	.875	.000	.000	.000	.000	.000	.945

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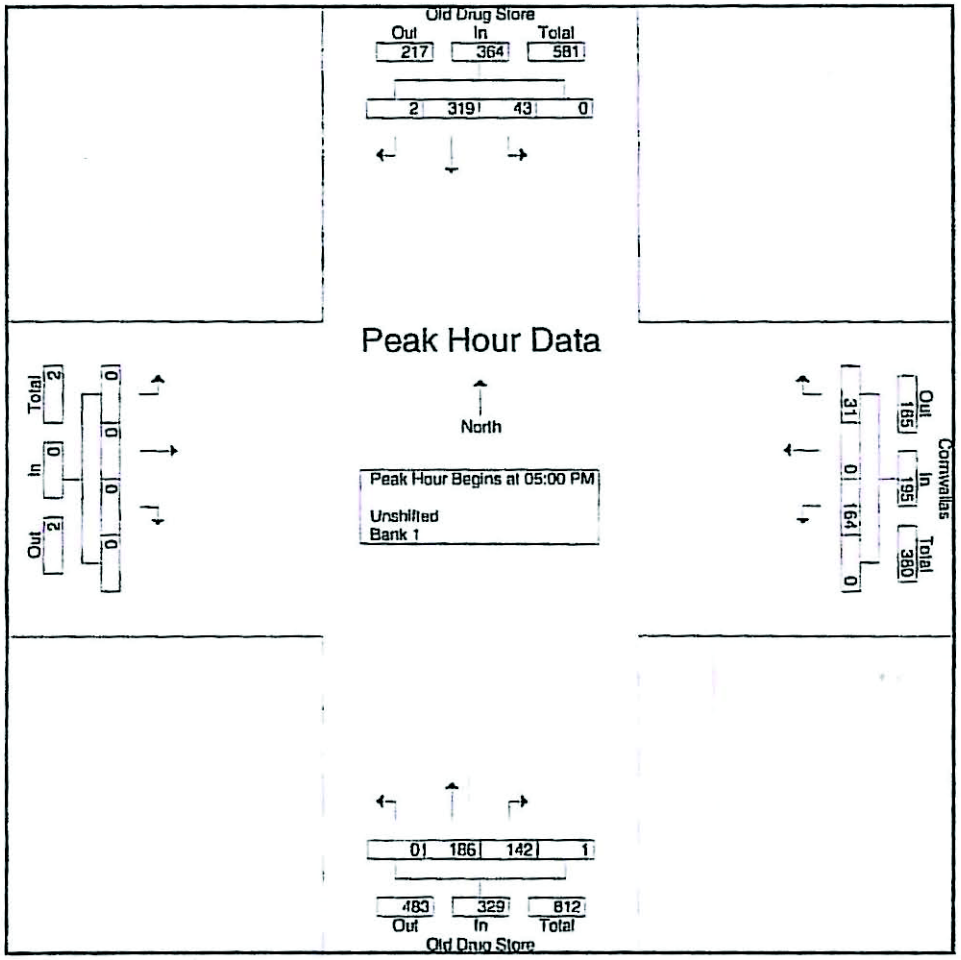

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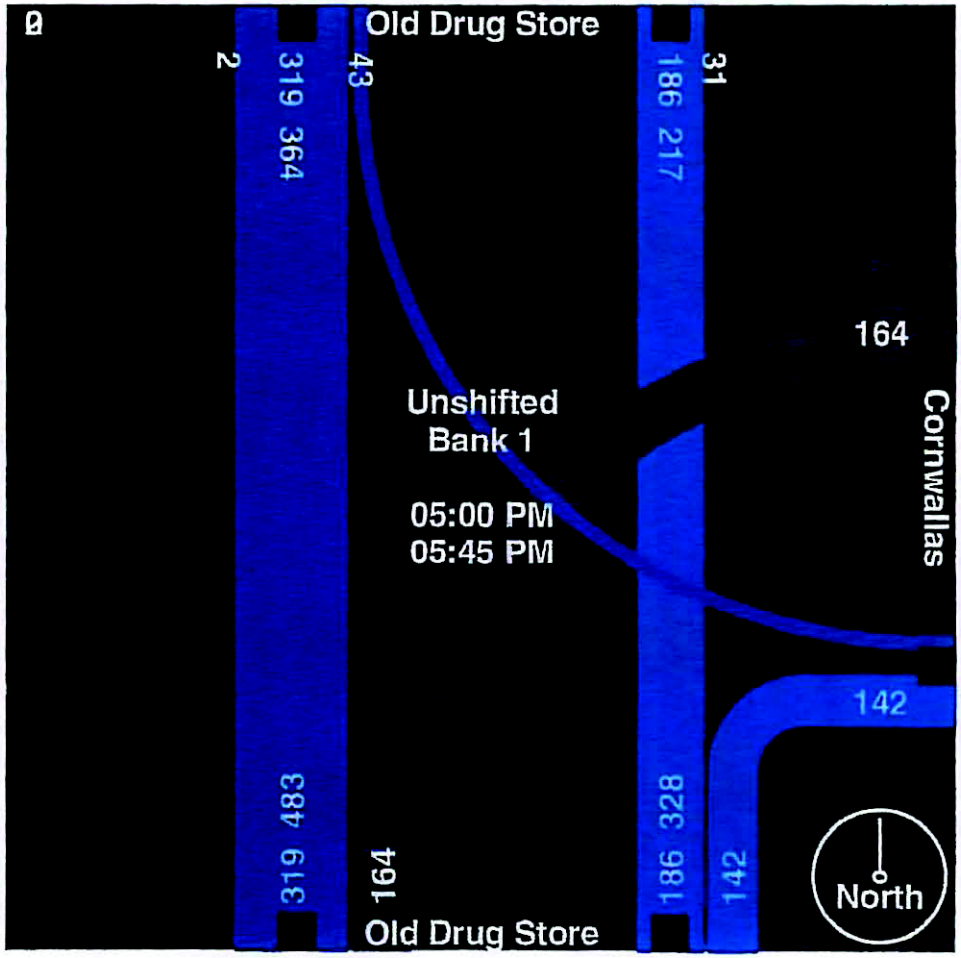

Standing on Old Drug Store looking north

Standing on Cornwallis looking east

Standing on Cornwallis looking west