

Traffic Signal Timing

City of Ottawa, Public Works & Services Department

Traffic and Parking Operations Branch

Intersection: Main: Albion Rd. Side: Recreation Path 118m S
of Brenda Crs.

Controller: L8 **TSD:** 6149

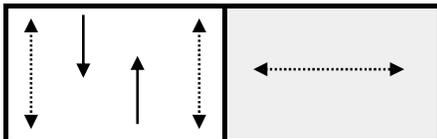
Author: Sara Lion **Date:** 27-Jun-08

Existing Timing Plans†

	Plan	Ped Minimum Time		
	Week 1	Walk	DW	A+R
Cycle	Free			
Offset	-			
NB Thru	32	2	5	3.3+2.3
SB Thru	32	2	5	3.3+2.3
EB Thru	17	7	6	3.0+1.0
WB Thru	17	7	6	3.0+1.0

Phasing Sequence‡

Plan: 1



Schedule

Week

Time	Plan
0:10	Free

Notes

†: Time for each direction includes amber and all red intervals

‡: Start of first phase should be used as reference point for offset

Speckled background: Actuated phase

(fp): Fully Protected Left Turn

←.....→ Pedestrian signal

Cost is \$26.25 (\$25 + GST)

Traffic Signal Timing

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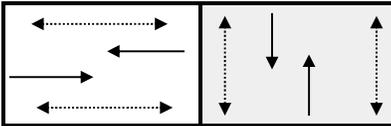
Intersection: *Main:* Walkley Rd. *Side:* Don Reid Dr./ Ryder St.
Controller: L8-18 **TSD:** 5424
Author: J. Langiano **Date:** 07-May-08

Existing Timing Plans[†]

	Plan					Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Weekend 5	Walk	DW	A+R
Cycle	100	100	110	80	100			
Offset	72	94	58	20	38			
NB Thru	36	36	36	36	36	10	20	3.3 + 2.8
SB Thru	36	36	36	36	36	10	20	3.3 + 2.8
EB Thru	64	64	74	44	64	22	15	3.3 + 2.5
WB Thru	64	64	74	44	64	22	15	3.3 + 2.5

Phasing Sequence[‡]

Plan: All



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	11:00	5	21:00	4
15:00	3	19:30	2		
18:30	2	22:00	4		
21:30	4				

Notes

[†]: Time for each direction includes amber and all red intervals
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 Speckled background: Actuated phase
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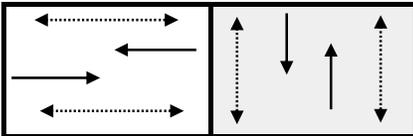
Intersection: *Main:* Walkley *Side:* Albion
Controller: MS 3200 **TSD:** 5450
Author: Sara Lion **Date:** 27-Jun-08

Existing Timing Plans[†]

	Plan		Ped Minimum Time		
	AM Peak 1	Off Peak 2	Walk	DW	A+R
Cycle	60	70			
Offset	56	49			
EB Thru	35	45	15	10	3.3+2.6
WB Thru	35	45	15	10	3.3+2.6
NB Thru	25	25	7	13	3.3+2.2
SB Thru	25	25	7	13	3.3+2.2

Phasing Sequence[‡]

Plan: All



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	1	0:15	1	0:15	1
9:30	2	6:30	2	6:30	2
21:30	1	22:00	1	21:00	1

Notes

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 Speckled background: Actuated phase
 (fp): Fully Protected Left Turn

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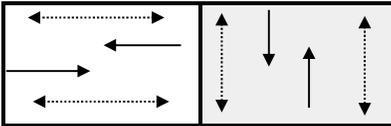
Intersection: Main: Hunt Club Side: Pike
Controller: MS 3200 **TSD:** 6197
Author: Sara Lion **Date:** 27-Jun-08

Existing Timing Plans[†]

	Plan				Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Walk	DW	A+R
Cycle	120	85	85	75			
Offset	21	X	77	X			
EB Thru	88	53	53	43	17	8	4.6+1.4
WB Thru	88	53	53	43	17	8	4.6+1.4
NB Thru	32	32	32	32	7	19	3.3+3.2
SB Thru	32	32	32	32	7	19	3.3+3.2

Phasing Sequence[‡]

Plan:



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	11:00	4	21:00	4
15:00	3	19:30	2		
18:30	2	22:00	4		
21:30	4				

Notes

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 Speckled background: Actuated phase
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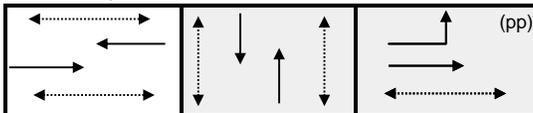
Intersection: Main: Hunt Club Side: Lorry Greenberg
Controller: L8 **TSD:** 6098
Author: Sara Lion **Date:** 27-Jun-08

Existing Timing Plans[†]

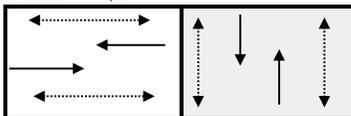
	Plan				Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Walk	DW	A+R
Cycle	120	85	85	75			
Offset	82	X	53	X			
EB Thru	81	46	46	36	8	14	4.6+1.6
EBL(pp)	-	11	17	-	-	-	4.6+1.4
WB Thru	81	35	29	36	8	14	4.6+1.6
NB Thru	39	39	39	39	7	25	3.3+3.4
SB Thru	39	39	39	39	7	25	3.3+3.4

Phasing Sequence[‡]

Plan: 2,3



Plan: 1,4



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	22:00	4	21:00	4
15:00	3				
18:30	2				
21:30	4				

Notes

- †: Time for each direction includes amber and all red intervals
- ‡: Start of first phase should be used as reference point for offset
- Speckled background: Actuated phase
- (fp): Fully Protected Left Turn
- (pp): Protected-Permissive Left Turn

◄-----► Pedestrian signal

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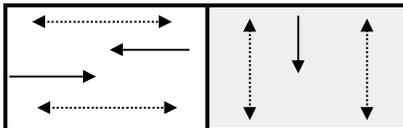
Intersection:	<i>Main:</i> Hunt Club	<i>Side:</i> Cahill
Controller:	MS3100	TSD: 5212
Author:	Sara Lion	Date: 27-Jun-08

Existing Timing Plans[†]

	Plan					Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Weekend 5	Walk	DW	A+R
Cycle	120	80	85	75	80			
Offset	86	39	37	43	38			
EB Thru	87	47	52	42	47	9	9	4.6+1.4
WB Thru	87	47	52	42	47	9	9	4.6+1.4
SB Thru	33	33	33	33	33	7	20	3.3+2.4

Phasing Sequence[‡]

Plan: All



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	11:00	5	21:00	4
15:00	3	19:30	2		
18:30	2	22:00	4		
21:30	4				

Notes

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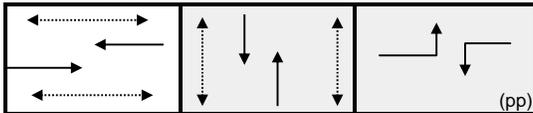
Intersection: Main: Hunt Club Side: Albion
 Controller: L8 TSD: 5214
 Author: Sara Lion Date: 27-Jun-08

Existing Timing Plans†

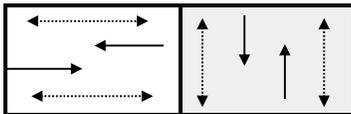
	Plan					Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Weekend 5	Walk	DW	A+R
Cycle	120	110	120	95	110			
Offset	108	66	82	45	66			
EB Thru	72	56	60	64	56	14	7	3.7+1.8
EBLT(pp)	20	21	24	-	21	-	-	3.7+1.7
WB Thru	72	56	60	64	56	14	7	3.7+1.8
WBLT(pp)	20	21	24	-	21	-	-	3.7+1.7
NB Thru	28	33	36	31	33	7	14	3.3+2.9
SB Thru	28	33	36	31	33	7	14	3.3+2.9

Phasing Sequence‡

Plan: 1,2,3,5



Plan: 4



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	8:00	5	8:30	2
9:30	2	21:00	4	11:00	5
15:00	3			21:00	4
18:30	2				
22:30	4				

Notes

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 Speckled background: Actuated phase
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Traffic Signal Timing

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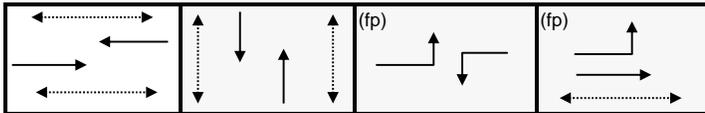
Intersection:	<i>Main:</i> Hunt Club	<i>Side:</i> Conroy
Controller:	L8	TSD: 5897
Author:	Sara Lion	Date: 20-Jun-08

Existing Timing Plans†

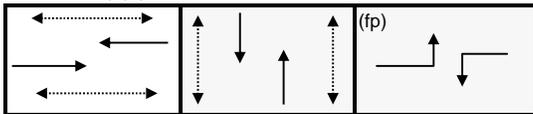
	Plan					Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Weekend 5	Walk	DW	A+R
Cycle	100	90	95	75	80			
Offset	84	52	78	X	22			
EB Thru	49	37	37	27	30	7	11	4.6+1.6
EBLT	30	20	25	15	17	-	-	4.6+2.0
WB Thru	37	37	37	27	30	7	11	4.6+1.6
WBLT	18	20	25	15	17	-	-	4.6+2.0
NB Thru	33	33	33	33	33	7	19	3.7+2.9
SB Thru	33	33	33	33	33	7	19	3.7+2.9

Phasing Sequence‡

Plan: 1



Plan: 2,3,4,5



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	11:00	5	21:00	4
15:00	3	19:30	2		
18:30	2	22:00	4		
21:30	4				

Notes

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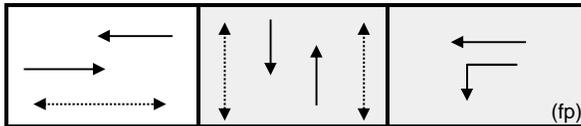
Intersection:	<i>Main:</i> Conroy	<i>Side:</i> Walkley
Controller:	MS 3200	TSD: 5399
Author:	Sara Lion	Date: 27-Jun-08

Existing Timing Plans†

	Plan				Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Walk	DW	A+R
Cycle	100	100	110	80			
Offset	90	18	74	X			
EB Thru	44	47	50	37	15	16	3.3+2.7
WB Thru	65	71	80	52	15	16	3.3+2.7
WBLT	21	24	30	15	-	-	3.3+2.9
NB Thru	35	29	30	28	7	14	3.7+2.7
SB Thru	35	29	30	28	7	14	3.7+2.7

Phasing Sequence‡

Plan: All



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	22:00	4	21:00	4
15:00	3				
18:30	2				
21:30	4				

Notes

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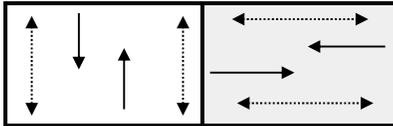
Intersection: Main: Conroy Side: Thurston
Controller: MS 3200 **TSD:** 5955
Author: Sara Lion **Date:** 27-Jun-08

Existing Timing Plans[†]

	Plan				Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Walk	DW	A+R
Cycle	100	90	95	90			
Offset	84	64	94	X			
NB Thru	62	52	57	50	11	14	3.7+2.2
SB Thru	62	52	57	50	11	14	3.7+2.2
EB Thru	38	38	38	40	7	24	3.3+3.6
WB Thru	38	38	38	40	7	24	3.3+3.6

Phasing Sequence[‡]

Plan: All



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	22:00	4	21:00	4
15:00	3				
18:30	2				
21:30	4				

Notes

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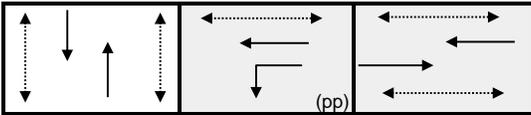
Intersection:	<i>Main:</i> Conroy	<i>Side:</i> St. Laurent
Controller:	MS 3200	TSD: 5612
Author:	Sara Lion	Date: 27-Jun-08

Existing Timing Plans[†]

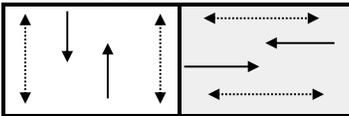
	Plan				Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Walk	DW	A+R
Cycle	100	90	95	90			
Offset	8	50	10	0			
NB Thru	62	52	42	52	16	12	4.2+2.2
SB Thru	62	52	42	52	16	12	4.2+2.2
EB Thru	38	38	38	38	7	24	3.3+3.6
WB Thru	38	38	53	38	7	24	3.3+3.6
WBLT(pp)	-	-	15	-	-	-	3.3+2.4

Phasing Sequence[‡]

Plan: 3



Plan: 1,2,4



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	11:00	4	21:00	4
15:00	3	19:30	2		
18:30	2	22:00	4		
21:30	4				

Notes

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Speckled background: Actuated phase

(fp): Fully Protected Left Turn

(pp): Protected-Permissive Left Turn

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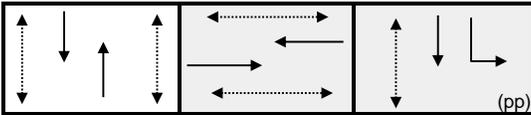
Intersection: Main: Conroy Side: Lorry Greenberg
 Controller: MS 3200 TSD: 5886
 Author: Sara Lion Date: 27-Jun-08

Existing Timing Plans[†]

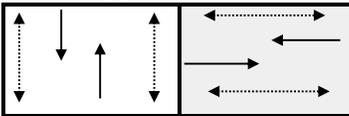
	Plan				Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Walk	DW	A+R
Cycle	100	90	95	90			
Offset	54	23	65	34			
NB Thru	52	47	39	47	23	9	3.7+2.2
SB Thru	52	47	52	47	23	9	3.7+2.2
SBLT(pp)	-	-	13	-	-	-	3.7+2.2
EB Thru	48	43	43	43	12	24	3.3+3.6
WB Thru	48	43	43	43	12	24	3.3+3.6

Phasing Sequence[‡]

Plan: 3



Plan: 1,2,4



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	8:00	2
9:30	2	11:00	5	21:00	4
15:00	3	22:00	4		
18:30	2				
21:30	4				

Notes

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◄.....► Pedestrian signal

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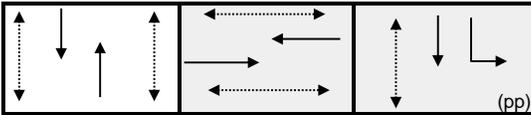
Intersection:	<i>Main:</i> Conroy	<i>Side:</i> Johnston
Controller:	MS 3200	TSD: 6414
Author:	Sara Lion	Date: 27-Jun-08

Existing Timing Plans[†]

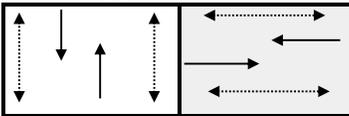
	Plan				Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Walk	DW	A+R
Cycle	100	90	95	90			
Offset	60	80	37	34			
NB Thru	62	52	42	52	20	14	3.7+2.3
SB Thru	62	52	57	52	20	14	3.7+2.3
SBLT(pp)	-	-	15	-	-	-	3.7+2.0
EB Thru	38	38	38	38	7	24	3.3+3.6
WB Thru	38	38	38	38	7	24	3.3+3.6

Phasing Sequence[‡]

Plan: 3



Plan: 1,2,4



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
9:30	2	11:00	4	21:00	4
15:00	3	19:30	2		
18:30	2	22:00	4		
21:30	4				

Notes

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(fp): Fully Protected Left Turn

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Intersection: Main: Bank Side: Johnston
 Controller: L8 TSD: 5101
 Author: Sara Lion Date: 27-Jun-08

Existing Timing Plans†

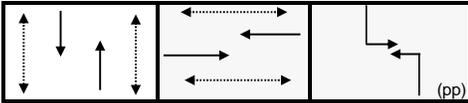
	Plan					Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Weekend 5	Walk	DW	A+R
Cycle	120	110	120	65	110			
Offset	57	99	29	4	99			
NB Thru	68	51	58	30	51	11	11	3.7+1.8
NBLT(pp)	16	9	12	-	9	-	-	3.7+1.8
SB Thru	68	66	72	30	66	11	11	3.7+1.8
SBLT(pp)	16	24	26	-	24	-	-	3.7+1.8
EB Thru	36	35	36	35	35	7	22	3.3+2.6
WB Thru	36	35	36	35	35	7	22	3.3+2.6

Phasing Sequence‡

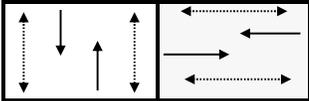
Plan: 2,3,5



Plan: 1



Plan: 4



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	8:00	5	8:30	2
9:30	2	21:00	4	11:00	5
15:00	3			21:00	4
18:30	2				
22:30	4				

Notes

†: Time for each direction includes amber and all red intervals
 ‡: Start of first phase should be used as reference point for offset
 Speckled background: Actuated phase
 (fp): Fully Protected Left Turn

←.....→ Pedestrian signal

Cost is \$26.25 (\$25 + GST)

Traffic Signal Timing

City of Ottawa, Public Works & Services Department

Traffic and Parking Operations Branch

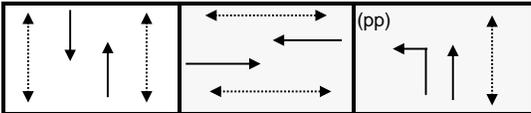
Intersection: Main: Bank Side: Cahill
 Controller: MS 3200 TSD: 5480
 Author: Sara Lion Date: 27-Jun-08

Existing Timing Plans[†]

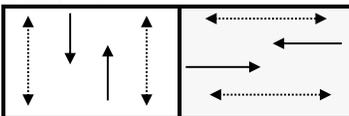
	Plan					Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Weekend 5	Walk	DW	A+R
Cycle	120	110	120	75	110			
Offset	60	12	32	X	12			
NB Thru	81	71	81	36	71	7	21	3.7+2.6
NBLT(pp)	15	20	20	-	20	-	-	3.7+2.6
SB Thru	66	51	61	36	51	7	21	3.7+2.6
EB Thru	39	39	39	39	39	9	23	3.3+2.8
WB Thru	39	39	39	39	39	21	11	3.3+2.8

Phasing Sequence[‡]

Plan: 1,2,3,5



Plan: 4



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	8:00	5	8:30	2
9:30	2	21:00	4	11:00	5
15:00	3			21:00	4
18:30	2				
22:30	4				

Notes

†: Time for each direction includes amber and all red intervals

‡: Start of first phase should be used as reference point for offset

Speckled background: Actuated phase

(fp): Fully Protected Left Turn

(pp): Protected-Permissive Left Turn

◄.....► Pedestrian signal

Cost is \$26.25 (\$25 + GST)

Traffic Signal Timing

City of Ottawa, Public Works & Services Department

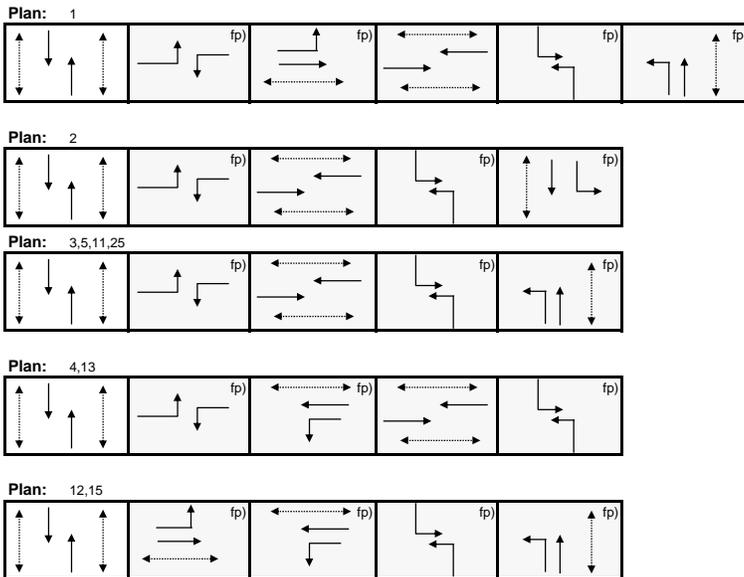
Traffic and Parking Operations Branch

Intersection: *Main:* Bank *Side:* Walkley
Controller: MS 3200 **TSD:** 5321
Author: Sara Lion **Date:** 27-Jun-08

Existing Timing Plans[†]

	Plan										Ped Minimum Tim Walk
	1	11	2	3	13	12	Night	4	5	15	
Cycle	110	110	110	130	120	105	100	120	130	140	
Offset	81	80	92	88	98	92	99	103	98	98	
EB Thru	41	29	29	29	29	22	29	29	26	30	7
EBLT	24	18	20	20	17	22	11	27	26	31	-
WB Thru	29	29	29	29	37	19	39	29	29	30	7
WBLT	12	18	20	20	25	19	21	27	29	31	-
NB Thru	45	52	35	66	47	43	32	53	61	67	15
NBLT	22	21	18	23	19	19	18	19	22	22	-
SB Thru	35	42	43	58	47	35	32	45	53	57	15
SBLT	12	11	26	15	19	11	18	11	14	12	-

Phasing Sequence[‡]



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	6:30	2	6:30	2
6:45	11	8:30	5	12:00	15
9:00	1	11:30	15	13:00	25
9:30	2	13:00	25	16:00	15
14:30	3	17:30	5	17:30	2
18:00	13	18:30	2	23:00	4
19:00	12	23:00	4		
20:30	2				
22:30	4				

Notes

[†]: Time for each direction includes amber and all red intervals
[‡]: Start of first phase should be used as reference point for offset
 Speckled background: Actuated phase
 (fp): Fully Protected Left Turn

◄-----► Pedestrian signal

Cost is \$26.25 (\$25 + GST)

Traffic Signal Timing

City of Ottawa, Public Works & Services Department

Traffic and Parking Operations Branch

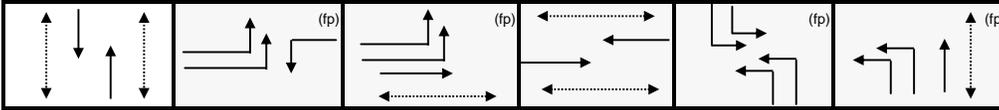
Intersection:	<i>Main:</i> Bank St.	<i>Side:</i> Hunt Club Rd.
Controller:	MS-3200	TSD: 5438
Author:	Sara Lion	Date: 14-May-08

Existing Timing Plans†

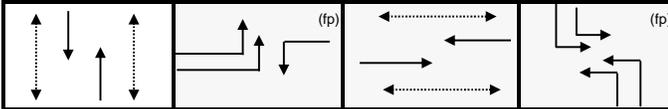
	Plan					Ped Minimum Time		
	AM Peak 1	Off Peak 2	PM Peak 3	Night 4	Weekend 5	Walk	DW	A+R
Cycle	120	110	120	95	110			
Offset	65	9	23	17	9			
NB Thru	53	38	51	33	34	7	17	3.7+2.8
NBLT	20	20	21	16	24	-	-	3.7+2.8
SB Thru	42	38	43	33	34	7	17	3.7+2.8
SBLT	9	20	13	16	24	-	-	3.7+2.8
EB Thru	45	34	44	31	34	7	17	3.7+2.9
EBLT	21	18	20	15	18	-	-	3.7+2.7
WB Thru	37	34	36	31	34	7	17	3.7+2.9
WBLT	13	18	12	15	18	-	-	3.7+2.7

Phasing Sequence‡

Plan: 1 & 3



Plan: 2, 4 & 5



Schedule

Weekday		Saturday		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	4	0:15	4	0:15	4
6:30	1	8:00	5	8:30	2
9:30	2	21:00	4	11:00	5
15:00	3			21:00	4
18:30	2				
22:30	4				

Notes

- †: Time for each direction includes amber and all red intervals
- ‡: Start of first phase should be used as reference point for offset
- Spckled background: Actuated phase
- (fp): Fully Protected Left Turn

◄.....► Pedestrian signal

Cost is \$26.50 (\$25 + GST)

Traffic Signal Timing

City of Ottawa, Public Works & Services Department

Traffic and Parking Operations Branch

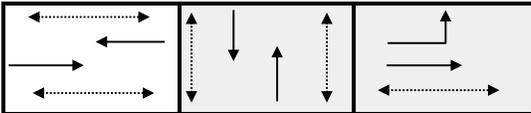
Intersection: Main: Walkley Side: Hetherington
 Controller: L8 TSD: 5541
 Author: Sara Lion Date: 27-Jun-08

Existing Timing Plans[†]

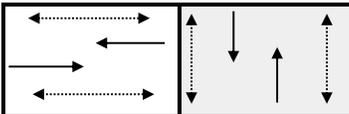
	Plan		Ped Minimum Time		
	AM Peak 1	Off Peak 2	Walk	DW	A+R
Cycle	60	70			
Offset	25	3			
EB Thru	31	41	7	14	3.3+2.8
EBLT	-	12	-	-	3.3+2.7
WB Thru	31	29	7	14	3.3+2.8
NB Thru	29	29	16	6	3.3+2.9
SB Thru	29	29	16	6	3.3+2.9

Phasing Sequence[‡]

Plan: 2



Plan: 1



Schedule

Weekday		Weekend (Saturday)		Sunday	
Time	Plan	Time	Plan	Time	Plan
0:15	1	0:15	1	0:15	1
9:30	2	6:30	2	6:30	2
21:30	1	22:00	1	21:00	1

Notes

†: Time for each direction includes amber and all red intervals

‡: Start of first phase should be used as reference point for offset

Speckled background: Actuated phase

(fp): Fully Protected Left Turn

←.....→ Pedestrian signal

Cost is \$26.25 (\$25 + GST)