Locations

OD Matrix	Location	Name	Entries	Exits	Colour
1	1		101/1, 101/2	121/1, 121/2	#0000FF
	2		201/1, 201/2	221/1, 221/2	#FF0000
	3		17/1, 17/2	322/1	#00FF00
	4		401/1, 401/2	421/1, 421/2	#FFFF00

Normal Paths and Flows

OD Matrix	

Signal Timings

Network Default: 60s cycle time; 60 steps

Intergreen Matrix for Controller Stream 1

Resultant Stages

Traffic Stream Green Times

Traffic Stream Green Times

Phase Timings Diagram for Controller Stream 2

Traffic Stream Green Times

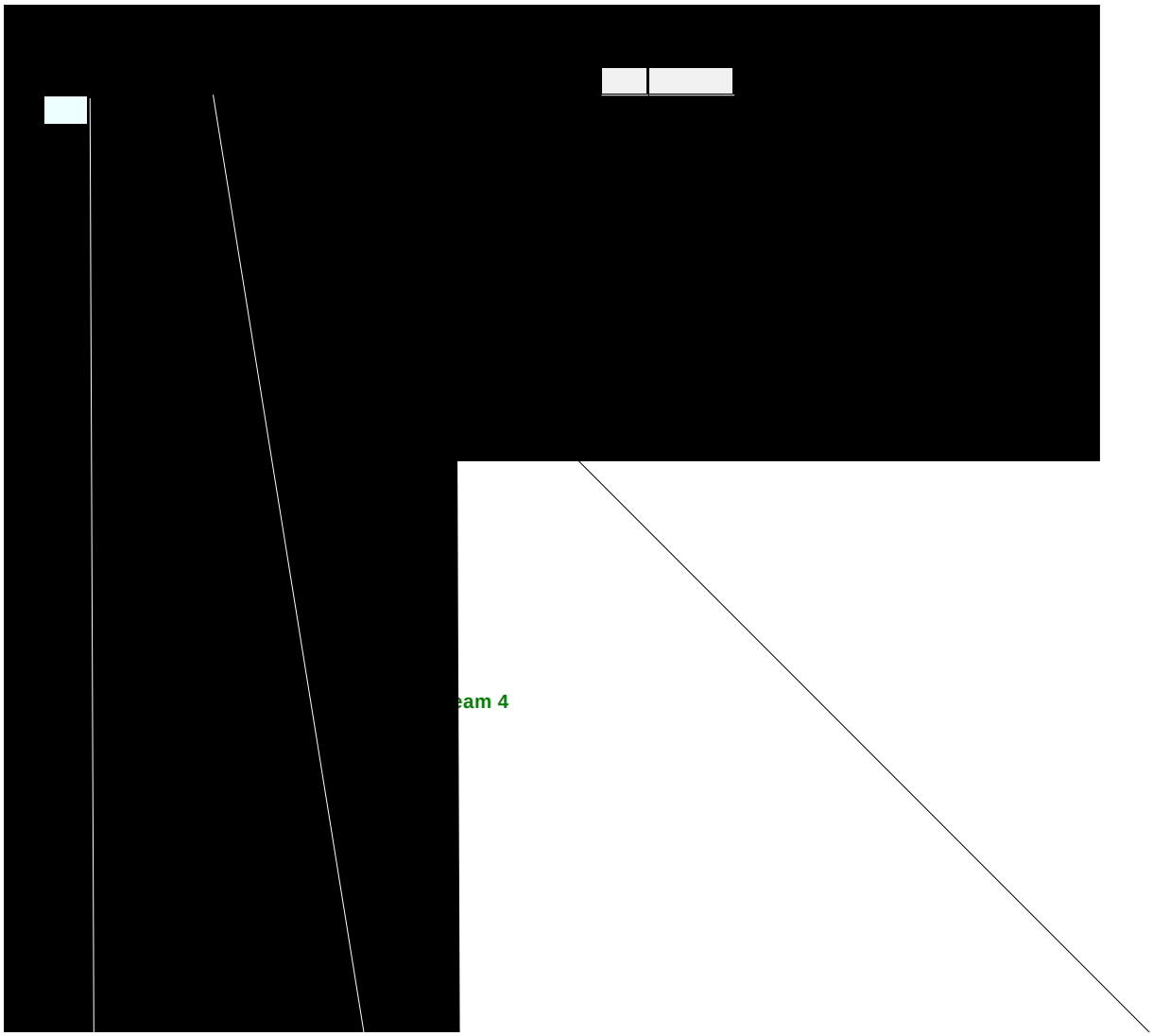
Arm	Traffic Stream	Traffic Node	Controller Stream	Phase	Green Period 1		
					Start	End	Duration
302	1	3	3	B	52	11	19
302	2	3	3	B	52	11	19
302	3	3	3	B	52	11	19
311	1	3					

Phase Timings Diagram for Controller Stream 3

Stage Sequence Diagram for Controller Stream 3

Intergreen Matrix for Controller Stream 4

Resultant Stages


eam 4

Traffic Stream Results

Traffic Stream Results: Vehicle summary

Final Prediction Table

Traffic Stream Results

				SIGNALS		FLOWS		PERFORMANCE				PER PCU		QUEUES
Arm	Traffic Stream	Name	Traffic node	Controller stream	Phase	Calculated flow entering (PCU/hr)	Calculated sat flow (PCU/hr)	Actual green (s (per cycle))	Wasted time total (s (per cycle))	Degree of saturation (%)	Practical reserve capacity (%)	JourneyTime (s)	Mean De.000	

Network Results

- *< = adjusted flow warning (upstream links/traffic streams are over-saturated)*
- ** = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%*

A4 - 2035 Reference Case PM
D4 - 2035 Reference Case PM*

Summary

Data Errors and Warnings

Locations

Normal Paths and Flows

Resultant Stages

Controller Stream

Traffic Stream Green Times

Phase Timings Diagram for Controller Stream 1

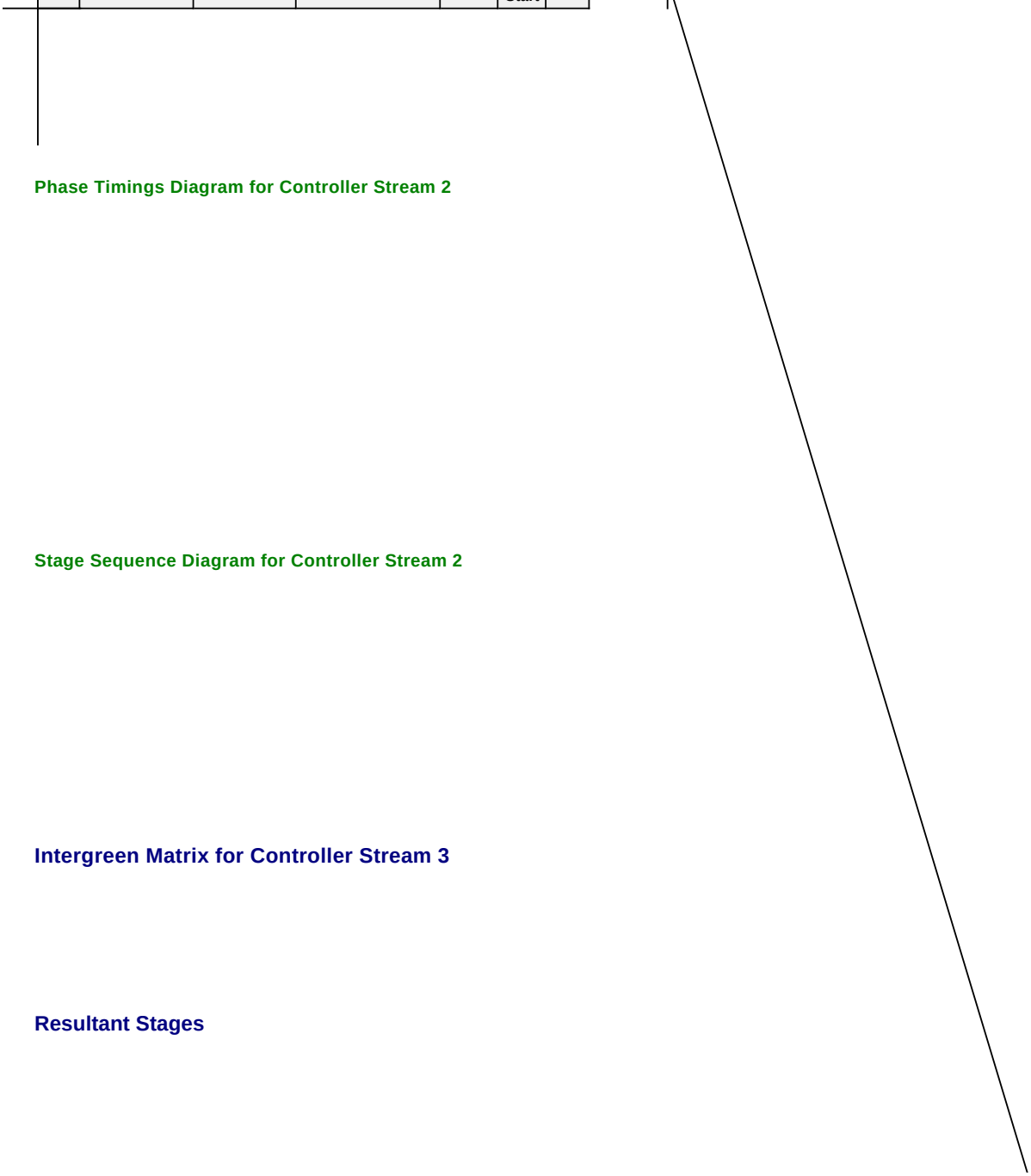
Stage Sequence Diagram for Controller Stream 1

Intergreen Matrix for Controller Stream 2

Resultant Stages

Traffic Stream Green Times

Arm	Traffic Stream	Traffic Node	Controller Stream	Phase	Green Period 1	
					Start	



Phase Timings Diagram for Controller Stream 2

Stage Sequence Diagram for Controller Stream 2

Intergreen Matrix for Controller Stream 3

Resultant Stages

Traffic Stream Green Times

Phase Timings Diagram for Controller Stream 4

A5 - LP Scenario 2 With Mit AM
D5 - LP Scenario 2 With Mit AM*

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Details

Demand Set Details

Local OD Matrix - Local Matrix: 1

Local Matrix Options

Normal Input Flows (PCU/hr)

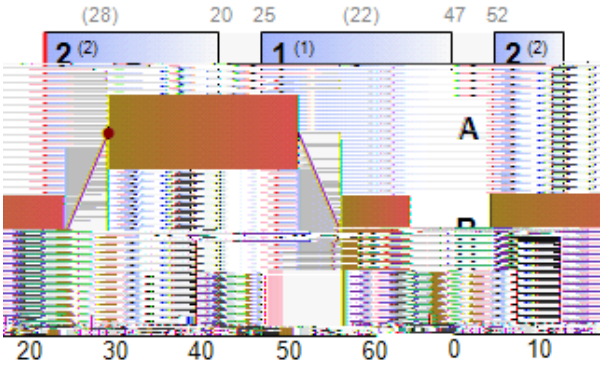
Resultant Stages

Controller Stream	Resultant Stage	Is base stage	Library Stage ID	Phases in this stage	Stage start (s)	Stage end (s)	Stage duration (s)	User stage minimum (s)	Stage minimum (s)
1	1	ü	1	A	25	47	22	1	7
	2	ü	2	B	52	20	28	1	7

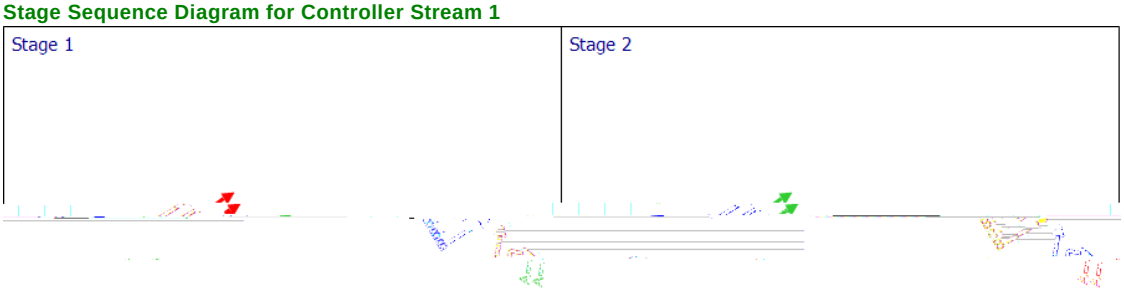
Traffic Stream Green Times

Arm	Traffic Stream	Traffic Node	Controller Stream	Phase	Green Period 1		
					Start	End	Duration
102	1	1	1	B	52	20	28
102	2	1	1	B	52	20	28
102	3	1	1	B	52	20	28
111	1	1	1	A	25	47	22
111	2	1	1	A	25	47	22

Phase Timings Diagram for Controller Stream 1



Stage Sequence Diagram for Controller Stream 1



Intergreen Matrix for Controller Stream 2

		To	
		A	B
From	A		5
	B	5	

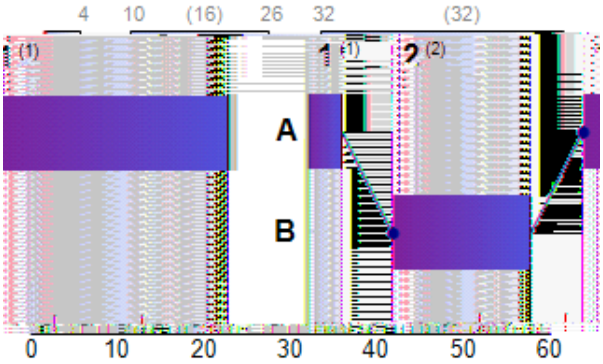
Resultant Stages

Traffic Stream Green Times

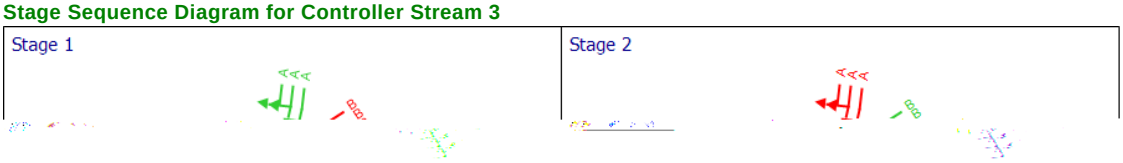
Traffic Stream Green Times

Arm	Traffic Stream	Traffic Node	Controller Stream	Phase	Green Period 1		
					Start	End	Duration
302	1	3	3	B	10	26	16
302	2	3	3	B	10	26	16
302	3	3	3	B	10	26	16
311	1	3	3	A	32	4	32
311	2	3	3	A	32	4	32
311	3	3	3	A	32	4	32

Phase Timings Diagram for Controller Stream 3



Stage Sequence Diagram for Controller Stream 3



Intergreen Matrix for Controller Stream 4

		To	
		A	B
From	A		5
	B	5	

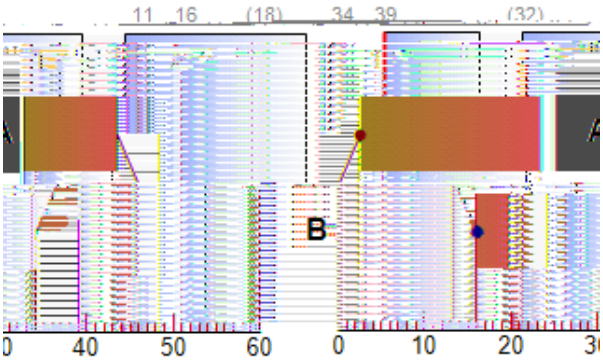
Resultant Stages

Controller Stream	Resultant Stage	Is base stage	Library Stage ID	Phases in this stage	Stage start (s)	Stage end (s)	Stage duration (s)	User stage minimum (s)	Stage minimum (s)
4	1	ü	1	A	39	11	32	1	7
	2	ü	2	B	16	34	18	1	7

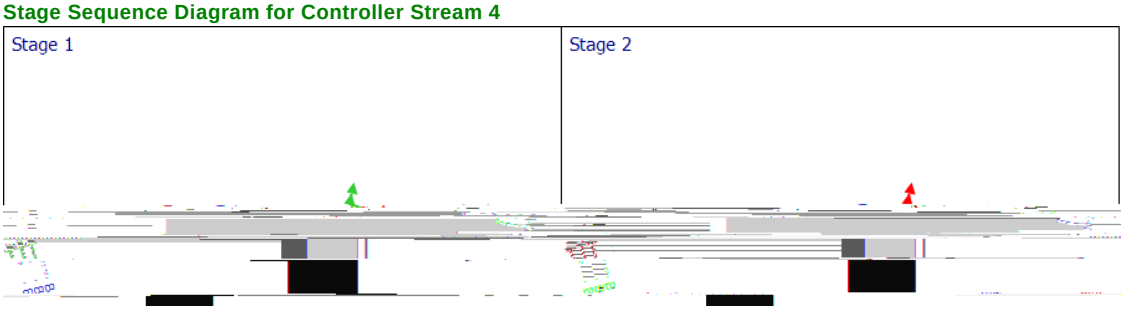
Traffic Stream Green Times

Arm	Traffic Stream	Traffic Node	Controller Stream	Phase	Green Period 1		
					Start	End	Duration
402	1	4	4	B	16	34	18
402	2	4	4	B	16	34	18
402	3	4	4	B	16	34	18
411	1	4	4	A	39	11	32
411	2	4	4	A	39	11	32

Phase Timings Diagram for Controller Stream 4



Stage Sequence Diagram for Controller Stream 4



A6 - LP Scenario 2 With Mit PM
D6 -

Resultant Stages

Traffic Stream Green Times

Phase Timings Diagram for Controller Stream 1

Stage Sequence Diagram for Controller Stream 1

Intergreen Matrix for Controller Stream 2

Resultant Stages

Traffic Stream Green Times

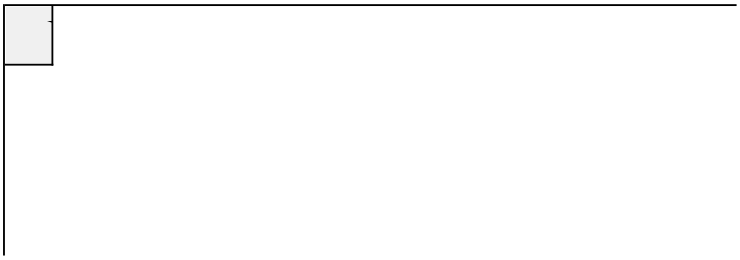
Phase Timings Diagram for Controller Stream 2

Stage Sequence Diagram for Controller Stream 2

Intergreen Matrix for Controller Stream 3

Resultant Stages

Traffic Stream Green Times



Phase Timings Diagram for Controller Stream 3

Stage Sequence Diagram for Controller Stream 3

Intergreen Matrix for Controller Stream 4

Resultant Stages

Traffic Stream Green Times

Phase Timings Diagram for Controller Stream 4

Stage Sequence Diagram for Controller Stream 4