

TRANSYT 14

Version: 14.1.2.315 [26-09-12]
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Last run: 07/08/2014 12:27:57

Analysis Set used for last run: A1 - (untitled)

Filename: Import of pm ds19 100s.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 07/08/2014 12:28:22

File summary

File Description

Title	pm ds 2019 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	07/08/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	07/08/2014 12:27:57	07/08/2014 12:27:57	08:00	100	20.89	97.16	101	1	25	101		101	

Signal Timings

100s cycle time; 100 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	25,37,49		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	67	25	58	7	7
1	2	✓	2	301,302	25	37	12	12	12
1	3	✓	3	201	42	49	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	67	25	58
1	201	1	✓	42	49	7
1	301	1	✓	67	37	70
1	302	1	✓	67	37	70

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay Per PCU	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
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						(PCU/hr)	(PCU/hr)	(per cycle)	(s (per cycle))	n (%)	Capacity (%)	(s)	(s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	1135	1980	58.00	0.00	97 !	-7	757.72	44.92	118.06	37.90+	20.88	50	0	0.00	40.36
201	(untitled)	N/A	1	1	201	141	1965	7.00	0.00	90	0	505.43	109.43	153.32	6.38	6.10	50	0	0.00	12.21
301	(untitled)	N/A	1	1	301	821	1959	70.00	0.00	59	52	859.98	10.38	51.75	11.89	7.33	50	0	0.00	6.75
302	(untitled)	N/A	1	1	302	49	2032	70.00	0.00	3	2550	146.04	5.64	30.07	0.41	0.41	100	500	0.00	0.44

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	435.91	456.80	0.95	9.71	11.19	59.76	0.00	0.00	59.76
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	435.91	456.80	0.95	9.71	11.19	59.76	0.00	0.00	59.76

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

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Last run: 29/07/2014 19:22:13

Analysis Set used for last run: A1 - (untitled)

Filename: Import of am dm14.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 29/07/2014 19:24:26

File summary

File Description

Title	am dm 2014 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	29/07/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	29/07/2014 19:22:12	29/07/2014 19:22:13	08:00	90	6.81	61.60	101	0	0	101		101	✓

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0	✓	Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	51,63,75		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	3	51	48	7	7
1	2	✓	2	301,302	51	63	12	12	12
1	3	✓	3	201	68	75	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	3	51	48
1	201	1	✓	68	75	7
1	301	1	✓	3	63	60
1	302	1	✓	3	63	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total (s per	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
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						(PCU/hr)	(PCU/hr)	(per cycle)	cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	664	1980	48.00	0.00	62	46	731.17	18.37	72.14	12.05	8.36	50	0	0.00	9.66
201	(untitled)	N/A	1	1	201	61	1965	7.00	0.00	35	158	450.28	54.28	109.79	1.69	1.66	50	0	0.00	2.62
301	(untitled)	N/A	1	1	301	792	1959	60.00	0.00	60	51	860.79	11.19	56.56	11.30	7.12	50	0	0.00	7.01
302	(untitled)	N/A	1	1	302	23	2032	60.00	0.00	2	5289	146.56	6.16	33.46	0.19	0.19	100	500	0.00	0.22

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	325.99	332.80	0.98	5.00	1.81	19.51	0.00	0.00	19.52
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	325.99	332.80	0.98	5.00	1.81	19.51	0.00	0.00	19.52

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

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Last run: 30/07/2014 19:55:07

Analysis Set used for last run: A1 - (untitled)

Filename: Import of am dm19.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 30/07/2014 19:55:19

File summary

File Description

Title	am dm 2019 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	30/07/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	30/07/2014 19:55:06	30/07/2014 19:55:07	08:00	90	8.18	67.90	101	0	0	101		101	✓

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	25,37,49		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	67	25	48	7	7
1	2	✓	2	301,302	25	37	12	12	12
1	3	✓	3	201	42	49	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	67	25	48
1	201	1	✓	42	49	7
1	301	1	✓	67	37	60
1	302	1	✓	67	37	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
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						(PCU/hr)	(PCU/hr)	(per cycle)	(s (per cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	732	1980	48.00	0.00	68	33	732.76	19.96	76.51	14.26	9.38	50	0	0.00	11.57
201	(untitled)	N/A	1	1	201	67	1965	7.00	0.00	38	135	451.22	55.22	110.65	1.87	1.83	50	0	0.00	2.93
301	(untitled)	N/A	1	1	301	881	1959	60.00	0.00	66	36	862.09	12.49	61.57	13.70	8.07	50	0	0.00	8.71
302	(untitled)	N/A	1	1	302	25	2032	60.00	0.00	2	4858	146.56	6.16	33.46	0.21	0.21	100	500	0.00	0.24

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	361.20	369.38	0.98	5.84	2.34	23.45	0.00	0.00	23.45
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	361.20	369.38	0.98	5.84	2.34	23.45	0.00	0.00	23.45

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
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- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

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Last run: 30/07/2014 20:40:38

Analysis Set used for last run: A1 - (untitled)

Filename: Import of am ds14.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 30/07/2014 20:40:43

File summary

File Description

Title	am ds 2014 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	30/07/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	30/07/2014 20:40:38	30/07/2014 20:40:38	08:00	90	7.56	62.80	101	0	0	101		101	✓

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	25,37,49		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	67	25	48	7	7
1	2	✓	2	301,302	25	37	12	12	12
1	3	✓	3	201	42	49	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	67	25	48
1	201	1	✓	42	49	7
1	301	1	✓	67	37	60
1	302	1	✓	67	37	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total (s per	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
------	------	------------	--------------	-------------------	-------	------------------------------	---------------------	------------------	--------------------------	----------------------	-------------------	----------------------	------------	--------------------	----------------	----------------	---------------------	--------------------	--------------------------	------

						(PCU/hr)	(PCU/hr)	(per cycle)	cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	677	1980	48.00	0.00	63	43	731.44	18.64	72.94	12.50	8.55	50	0	0.00	9.99
201	(untitled)	N/A	1	1	201	92	1965	7.00	0.00	53	71	456.41	60.41	116.96	2.74	2.64	50	0	0.00	4.40
301	(untitled)	N/A	1	1	301	792	1959	60.00	0.00	60	51	860.79	11.19	56.56	11.30	7.12	50	0	0.00	7.01
302	(untitled)	N/A	1	1	302	27	2032	60.00	0.00	2	4491	146.57	6.17	33.46	0.23	0.23	100	500	0.00	0.26

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	332.13	339.69	0.98	5.43	2.12	21.67	0.00	0.00	21.67
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	332.13	339.69	0.98	5.43	2.12	21.67	0.00	0.00	21.67

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

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Last run: 30/07/2014 20:42:13

Analysis Set used for last run: A1 - (untitled)

Filename: Import of am ds19.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 30/07/2014 20:42:19

File summary

File Description

Title	am ds 2019 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	30/07/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	30/07/2014 20:42:12	30/07/2014 20:42:13	08:00	90	9.03	69.20	101	0	0	101		101	✓

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
-------------------	-------	------	-------------------	-------------------	---------------------------------	-------------------------------	-------

1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	25,37,49		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	67	25	48	7	7
1	2	✓	2	301,302	25	37	12	12	12
1	3	✓	3	201	42	49	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	67	25	48
1	201	1	✓	42	49	7
1	301	1	✓	67	37	60
1	302	1	✓	67	37	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
------	------	------------	--------------	-------------------	-------	------------------------------	---------------------	------------------	-------------------	----------------------	-------------------	----------------------	------------	--------------------	----------------	----------------	---------------------	--------------------	--------------------------	------

						(PCU/hr)	(PCU/hr)	(per cycle)	(s (per cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	746	1980	48.00	0.00	69	30	733.14	20.34	77.69	14.58	9.60	50	0	0.00	12.01
201	(untitled)	N/A	1	1	201	99	1965	7.00	0.00	57	59	458.38	62.38	119.33	3.00	2.89	50	0	0.00	4.89
301	(untitled)	N/A	1	1	301	881	1959	60.00	0.00	66	36	862.09	12.49	61.57	13.70	8.07	50	0	0.00	8.71
302	(untitled)	N/A	1	1	302	29	2032	60.00	0.00	2	4174	146.57	6.17	33.46	0.24	0.24	100	500	0.00	0.28

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	367.65	376.68	0.98	6.31	2.73	25.89	0.00	0.00	25.89
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	367.65	376.68	0.98	6.31	2.73	25.89	0.00	0.00	25.89

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

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Last run: 29/07/2014 19:29:11

Analysis Set used for last run: A1 - (untitled)

Filename: Import of pm dm14.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 29/07/2014 19:29:18

File summary

File Description

Title	pm dm 2014 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	29/07/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	29/07/2014 19:29:11	29/07/2014 19:29:11	08:00	90	15.03	93.51	101	1	25	101		101	

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0	✓	Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	51,63,75		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	3	51	48	7	7
1	2	✓	2	301,302	51	63	12	12	12
1	3	✓	3	201	68	75	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	3	51	48
1	201	1	✓	68	75	7
1	301	1	✓	3	63	60
1	302	1	✓	3	63	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
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						(PCU/hr)	(PCU/hr)	(per cycle)	(s (per cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	1008	1980	48.00	0.00	94 !	-4	751.41	38.61	111.80	28.72	16.96	50	0	0.00	30.81
201	(untitled)	N/A	1	1	201	107	1965	7.00	0.00	61	47	460.99	64.99	121.70	3.31	3.19	50	0	0.00	5.51
301	(untitled)	N/A	1	1	301	751	1959	60.00	0.00	57	59	860.28	10.68	54.25	10.24	6.70	50	0	0.00	6.35
302	(untitled)	N/A	1	1	302	33	2032	60.00	0.00	2	3656	146.57	6.17	33.47	0.28	0.28	100	500	0.00	0.32

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	389.88	404.90	0.96	8.13	6.90	42.99	0.00	0.00	42.99
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	389.88	404.90	0.96	8.13	6.90	42.99	0.00	0.00	42.99

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

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Last run: 30/07/2014 19:56:06

Analysis Set used for last run: A1 - (untitled)

Filename: Import of pm dm19.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 30/07/2014 19:56:13

File summary

File Description

Title	pm dm 2019 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	30/07/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	30/07/2014 19:56:06	30/07/2014 19:56:06	08:00	90	27.22	102.78	101	1	25	101		101	

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	25,37,49		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	67	25	48	7	7
1	2	✓	2	301,302	25	37	12	12	12
1	3	✓	3	201	42	49	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	67	25	48
1	201	1	✓	42	49	7
1	301	1	✓	67	37	60
1	302	1	✓	67	37	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
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						(PCU/hr)	(PCU/hr)	(per cycle)	(s (per cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	1108	1980	48.00	0.00	103 !	-12	785.06	72.26	151.83	42.75+	28.38	50	0	0.00	63.38
201	(untitled)	N/A	1	1	201	118	1965	7.00	0.00	68	33	465.48	69.48	126.87	3.83	3.66	50	0	0.00	6.49
301	(untitled)	N/A	1	1	301	821	1959	60.00	0.00	62	46	861.17	11.57	57.93	11.98	7.42	50	0	0.00	7.52
302	(untitled)	N/A	1	1	302	38	2032	60.00	0.00	3	3162	146.58	6.18	33.47	0.32	0.32	100	500	0.00	0.37

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	427.60	454.82	0.94	9.33	17.89	77.77	0.00	0.00	77.77
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	427.60	454.82	0.94	9.33	17.89	77.77	0.00	0.00	77.77

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

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Last run: 30/07/2014 20:41:22

Analysis Set used for last run: A1 - (untitled)

Filename: Import of pm ds14.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 30/07/2014 20:41:29

File summary

File Description

Title	pm ds 2014 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	30/07/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTsWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTsWith Worst Signalised PRC	LTsWith Worst Unsignalised PRC	LTsWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	30/07/2014 20:41:22	30/07/2014 20:41:22	08:00	90	17.88	96.01	101	1	25	101		101	

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
-------------------	-------	------	-------------------	-------------------	---------------------------------	-------------------------------	-------

1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	25,37,49		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	67	25	48	7	7
1	2	✓	2	301,302	25	37	12	12	12
1	3	✓	3	201	42	49	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	67	25	48
1	201	1	✓	42	49	7
1	301	1	✓	67	37	60
1	302	1	✓	67	37	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
------	------	------------	--------------	-------------------	-------	------------------------------	---------------------	------------------	-------------------	----------------------	-------------------	----------------------	------------	--------------------	----------------	----------------	---------------------	--------------------	--------------------------	------

						(PCU/hr)	(PCU/hr)	(per cycle)	(s (per cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	1035	1980	48.00	0.00	96 !	-6	757.43	44.63	119.75	31.64	18.99	50	0	0.00	36.57
201	(untitled)	N/A	1	1	201	130	1965	7.00	0.00	74	21	472.10	76.10	132.76	4.44	4.26	50	0	0.00	7.83
301	(untitled)	N/A	1	1	301	751	1959	60.00	0.00	57	59	860.28	10.68	54.25	10.24	6.70	50	0	0.00	6.35
302	(untitled)	N/A	1	1	302	44	2032	60.00	0.00	3	2717	146.58	6.18	33.48	0.37	0.37	100	500	0.00	0.43

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	398.18	416.07	0.96	8.71	9.17	51.18	0.00	0.00	51.18
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	398.18	416.07	0.96	8.71	9.17	51.18	0.00	0.00	51.18

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

Version: 14.1.2.315 [26-09-12]
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Last run: 07/08/2014 12:20:39

Analysis Set used for last run: A1 - (untitled)

Filename: Import of pm ds14 2-stage + ped.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 07/08/2014 12:21:33

File summary

File Description

Title	pm ds 2014 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	07/08/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	07/08/2014 12:20:38	07/08/2014 12:20:39	08:00	90	9.52	77.12	101	0	0	101		101	✓

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	2	1	18	18
1	2	Gaining	201	1	2	5	5
1	3	Gaining	301	2	1	18	18
1	4	Gaining	302	2	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
1	1	(untitled)	1,2	25,37		

Resultant Stages

Controller Stream	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	✓	1	101,301,302	55	25	60	7	7
1	2	✓	2	201	30	37	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	55	25	60
1	201	1	✓	30	37	7
1	301	1	✓	55	25	60
1	302	1	✓	55	25	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS (PCU/hr)	Calculated Sat Flow (PCU/hr)	Actual Green (s per cycle)	Wasted Time Total (s per cycle)	Degree Of Saturation (%)	Practical Reserve Capacity (%)	Journey Time Per PCU (s)	Mean Delay Per PCU (s)	Mean Stops Per PCU (%)	Mean Max Queue (PCU)	Max End Of Red Queue (PCU)	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per hr)	P.I.
101	(untitled)	N/A	1	1	101	1035	1980	60.00	0.00	77	17	728.33	15.5	72.11	18.90	9.99	50	0	0.00	12.7

	d)												3							2
201	(untitled)	N/A	1	1	201	130	1965	7.00	0.00	74	21	472.10	76.10	132.76	4.44	4.26	50	0	0.00	7.83
301	(untitled)	N/A	1	1	301	751	1959	60.00	0.00	57	59	860.28	10.68	54.25	10.24	6.70	50	0	0.00	6.35
302	(untitled)	N/A	1	1	302	44	2032	60.00	0.00	3	2717	146.58	6.18	33.48	0.37	0.37	100	500	0.00	0.43

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	398.18	407.70	0.98	5.90	3.62	27.34	0.00	0.00	27.34
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	398.18	407.70	0.98	5.90	3.62	27.34	0.00	0.00	27.34

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*
- *f = average saturation flow for flared link*
- ** = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%*
- *^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%*
- *+ = average link excess queue is greater than 0*
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

Version: 14.1.2.315 [26-09-12]
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Last run: 07/08/2014 12:22:40

Analysis Set used for last run: A1 - (untitled)

Filename: Import of pm ds14 100s.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 07/08/2014 12:22:45

File summary

File Description

Title	pm ds 2014 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	07/08/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	07/08/2014 12:22:40	07/08/2014 12:22:40	08:00	100	14.04	88.60	101	0	0	101		101	✓

Signal Timings

100s cycle time; 100 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	25,37,49		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	67	25	58	7	7
1	2	✓	2	301,302	25	37	12	12	12
1	3	✓	3	201	42	49	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	67	25	58
1	201	1	✓	42	49	7
1	301	1	✓	67	37	70
1	302	1	✓	67	37	70

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
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						(PCU/hr)	(PCU/hr)	(per cycle)	(s (per cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	1035	1980	58.00	0.00	89	2	742.43	29.63	96.05	27.89	15.24	50	0	0.00	24.28
201	(untitled)	N/A	1	1	201	130	1965	7.00	0.00	83	9	491.49	95.49	142.14	5.35	5.13	50	0	0.00	9.83
301	(untitled)	N/A	1	1	301	751	1959	70.00	0.00	54	67	859.22	9.62	48.52	10.18	6.63	50	0	0.00	5.72
302	(untitled)	N/A	1	1	302	44	2032	70.00	0.00	3	2851	146.04	5.64	30.07	0.37	0.37	100	500	0.00	0.39

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	398.18	412.22	0.97	8.18	5.87	40.22	0.00	0.00	40.22
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	398.18	412.22	0.97	8.18	5.87	40.22	0.00	0.00	40.22

- *B = at least one source for this link carries buses*
- *T = at least one source for this link carries trams*
- *P = this link is a pedestrian link*
- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
- ^ = Traffic Stream - Normal, Bus or Tram Stop or Delay Path weighting has been set to a value other than 100%
- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

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Last run: 30/07/2014 20:42:57

Analysis Set used for last run: A1 - (untitled)

Filename: Import of pm ds19.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 30/07/2014 20:43:02

File summary

File Description

Title	pm ds 2019 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	30/07/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	30/07/2014 20:42:57	30/07/2014 20:42:57	08:00	90	33.18	105.29	101	1	25	101		101	

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	301,302	12
1	3	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	3	1	18	18
1	2	Gaining	201	2	3	5	5
1	3	Gaining	301	3	1	18	18
1	4	Gaining	302	3	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
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1	1	(untitled)	1,2,3	25,37,49		
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Resultant Stages

Controller Stream	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	✓	1	101,301,302	67	25	48	7	7
1	2	✓	2	301,302	25	37	12	12	12
1	3	✓	3	201	42	49	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	67	25	48
1	201	1	✓	42	49	7
1	301	1	✓	67	37	60
1	302	1	✓	67	37	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS	Calculated Sat Flow	Actual Green (s)	Wasted Time Total	Degree Of Saturation	Practical Reserve	Journey Time Per PCU	Mean Delay	Mean Stops Per PCU	Mean Max Queue	Max End Of Red	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per	P.I.
------	------	------------	--------------	-------------------	-------	------------------------------	---------------------	------------------	-------------------	----------------------	-------------------	----------------------	------------	--------------------	----------------	----------------	---------------------	--------------------	--------------------------	------

						(PCU/hr)	(PCU/hr)	(per cycle)	(s (per cycle))	n (%)	Capacity (%)	(s)	Per PCU (s)	(%)	(PCU)	Queue (PCU)			hr)	
101	(untitled)	N/A	1	1	101	1135	1980	48.00	0.00	105 !	-15	798.89	86.09	165.14	47.66+	33.28	50	0	0.00	77.36
201	(untitled)	N/A	1	1	201	141	1965	7.00	0.00	81	11	480.58	84.58	141.20	5.18	4.95	50	0	0.00	9.44
301	(untitled)	N/A	1	1	301	821	1959	60.00	0.00	62	46	861.17	11.57	57.93	11.98	7.42	50	0	0.00	7.52
302	(untitled)	N/A	1	1	302	49	2032	60.00	0.00	4	2430	146.59	6.19	33.49	0.41	0.41	100	500	0.00	0.48

Network Results

	Distance Travelled (PCU-km/hr)	Time Spent (PCU-hr/hr)	Mean Journey Speed (kph)	Uniform Delay (PCU-hr/hr)	Random Plus Oversat Delay (PCU-hr/hr)	Weighted Cost Of Delay (£ per hr)	Weighted Cost Of Stops (£ per hr)	Excess Queue Penalty (£ per hr)	Performance Index (£ per hr)
TOTAL	435.91	469.09	0.93	9.62	23.56	94.80	0.00	0.00	94.80
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	435.91	469.09	0.93	9.62	23.56	94.80	0.00	0.00	94.80

- *B = at least one source for this link carries buses*
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- *< = adjusted flow warning (upstream links are over-saturated)*
- *! = DOS threshold exceeded*

- f = average saturation flow for flared link
- * = Traffic Stream - Normal, Bus or Tram Stop or Delay weighting has been set to a value other than 100%
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- + = average link excess queue is greater than 0
- **P.I. = PERFORMANCE INDEX**

TRANSYT 14

Version: 14.1.2.315 [26-09-12]
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For sales and distribution information, program advice and maintenance, contact TRL:
Tel: +44 (0)1344 770758 E-mail: software@trl.co.uk Web: <http://www.trlsoftware.co.uk>

The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution

Last run: 07/08/2014 12:51:49

Analysis Set used for last run: A1 - (untitled)

Filename: Import of pm ds19 2-stage + ped.t14

Path: C:\AGITO\F0067 Barnsley Residential

Report generation date: 07/08/2014 12:52:14

File summary

File Description

Title	pm ds 2019 A628 Pontefract Rd/ Littleworth Rd
Location	
Site Number	
UTCRegion	

Driving Side	Left
Date	07/08/2014
Version	
Status	TRANSYT/11 import
Identifier	
Client	
Jobnumber	
Enumerator	GFOULKESPC\GF
Description	

Units

Speed Units	Distance Units	Fuel Economy Units	Fuel Rate Units	Mass Units	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
kph	m	mpg	l/h	kg	perHour	s	-Hour	perHour

Sorting

Show Names Instead of IDs (For Aimsun)	Sorting Direction	Sorting Type	Ignore Prefixes When Sorting	Link Grouping	Source Grouping
	Ascending	Numerical		Normal	Normal

A1 - (untitled) : D1 - (untitled) *

Summary

Data Errors and Warnings

No errors or warnings

Run Summary

Analysis Set Used	Run Start Time	Run Finish Time	Modelling Start Time (HH:mm)	Cycle Time Used (s)	Total Network Delay (PCU-hr/hr)	Highest DOS (%)	LTSWith Highest DOS	Number Of Oversaturated LTS	Percentage Of Oversaturated LTS (%)	LTSWith Worst Signalised PRC	LTSWith Worst Unsignalised PRC	LTSWith Worst Overall PRC	Network Within Capacity
A1 - (untitled)	07/08/2014 12:51:49	07/08/2014 12:51:49	08:00	90	12.10	84.58	101	0	0	101		101	✓

Signal Timings

90s cycle time; 90 steps

Controller Stream

Controller Stream	Name	Description	Gaining Delay Type	Signals Manipulation Mode	Multiple Cycling	Offset Relative To	Offset Valid	Offset Positive (s)	Offset Negative (s)	Auto Redistribute	Optimisation Level	Use Sequence
1	(untitled)		Absolute	StageBased	Single	1	✓	0	0		Offsets And Green Splits	1

Phases

Controller Stream	Phase	Name	Minimum Green (s)	Maximum Green (s)	Relative Start Displacement (s)	Relative End Displacement (s)	Dummy
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1	101	(untitled)	1	300	0	0	
1	201	(untitled)	1	300	0	0	
1	301	(untitled)	1	300	0	0	
1	302	(untitled)	1	300	0	0	

Library Stages

Controller Stream	Library Stage	Phases In Stage	User Stage Minimum (s)
1	1	101,301,302	7
1	2	201	7

Losing/ Gaining delays at each Controller Stream

Controller Stream	Delay	Type	Phase	From Stage	To Stage	Relative Delay	Absolute Delay
1	1	Gaining	101	2	1	18	18
1	2	Gaining	201	1	2	5	5
1	3	Gaining	301	2	1	18	18
1	4	Gaining	302	2	1	18	18

Stage Sequences

Controller Stream	Stage Sequence	Name	Stage IDs	Stage Ends	Multiple Cycling Stage IDs	Multiple Cycling Stage Ends
1	1	(untitled)	1,2	25,37		

Resultant Stages

Controller Stream	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	✓	1	101,301,302	55	25	60	7	7
1	2	✓	2	201	30	37	7	7	7

Resultant Phase Green Periods

Controller Stream	Phase	Green Period	Is Base Green Period	Start Time (s)	End Time (s)	Duration (s)
1	101	1	✓	55	25	60
1	201	1	✓	30	37	7
1	301	1	✓	55	25	60
1	302	1	✓	55	25	60

Final Prediction Table

Link Results

Link	Name	Major Link	Traffic Node	Controller Stream	Phase	Calculated Flow Entering LTS (PCU/hr)	Calculated Sat Flow (PCU/hr)	Actual Green (s per cycle)	Wasted Time Total (s per cycle)	Degree Of Saturation (%)	Practical Reserve Capacity (%)	Journey Time Per PCU (s)	Mean Delay Per PCU (s)	Mean Stops Per PCU (%)	Mean Max Queue (PCU)	Max End Of Red Queue (PCU)	Delay Weighting (%)	Stop Weighting (%)	Cost Of Penalties (£ per hr)	P.I.
101	(untitled)	N/A	1	1	101	1135	1980	60.00	0.00	85	6	732.03	19.2	82.58	23.73	11.75	50	0	0.00	17.2

	d)												3							8
201	(untitled)	N/A	1	1	201	141	1965	7.00	0.00	81	11	480.58	84.58	141.20	5.18	4.95	50	0	0.00	9.44
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TOTAL	435.91	448.00	0.97	6.93	5.17	34.72	0.00	0.00	34.72
BUSES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRAMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OTHER (NORMAL)	435.91	448.00	0.97	6.93	5.17	34.72	0.00	0.00	34.72

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