

DLZ OHIO, INC.
 SCI-823 Portsmouth Traffic Model
 Before Travel-Time Study

Study Name : **US 23 NB OFF**
 Study Date : **8/1/2012**
 Page No. : **1**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/After	Run Type
US 23-NB-001	07/24/12	09:48	49851	Before	Primary
US 23-NB-002	07/24/12	10:24	49846	Before	Primary
US 23-NB-003	07/24/12	11:00	49754	Before	Primary
US 23-NB-004	07/25/12	10:18	49831	Before	Primary
US 23-NB-005	07/25/12	10:53	49867	Before	Primary

Node Info

#	Len	Name
1	0	
2	144	KY 1043
3	10973	SR 7
4	9697	SR 8
5	2388	US 73
6	3193	US 52 EB
7	7338	COLES BLVD
8	16096	CR 160

Length of Study Route = 49,829 feet

Notes:

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Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0								
2	144	KY 1043	2.4	0.0	40.9	0.0	0.0	0.0	2.4
3	10973	SR 7	157.8	0.4	47.4	0.0	7.2	14.4	149.2
4	9697	SR 8	132.6	0.0	49.9	0.0	0.0	11.6	84.2
5	2388	US 73	60.2	0.8	27.0	13.2	1.2	49.6	60.2
6	3193	US 52 EB	122.2	1.4	17.8	59.8	12.4	122.2	122.2
7	7338	COLES BLVD	218.4	2.0	22.9	75.4	33.6	184.6	218.4
8	16096	CR 160	243.6	0.2	45.1	0.0	0.6	21.2	241.0
Total	49,829		937.2	4.8	36.3	148.4	55.0	403.6	877.6

Stats based on 5 BEFORE runs.
 Stops based on a Stop Speed of 5 MPH.
 Total Delay based on a Normal Speed of 35 MPH.

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Fuel Consumption & Emissions

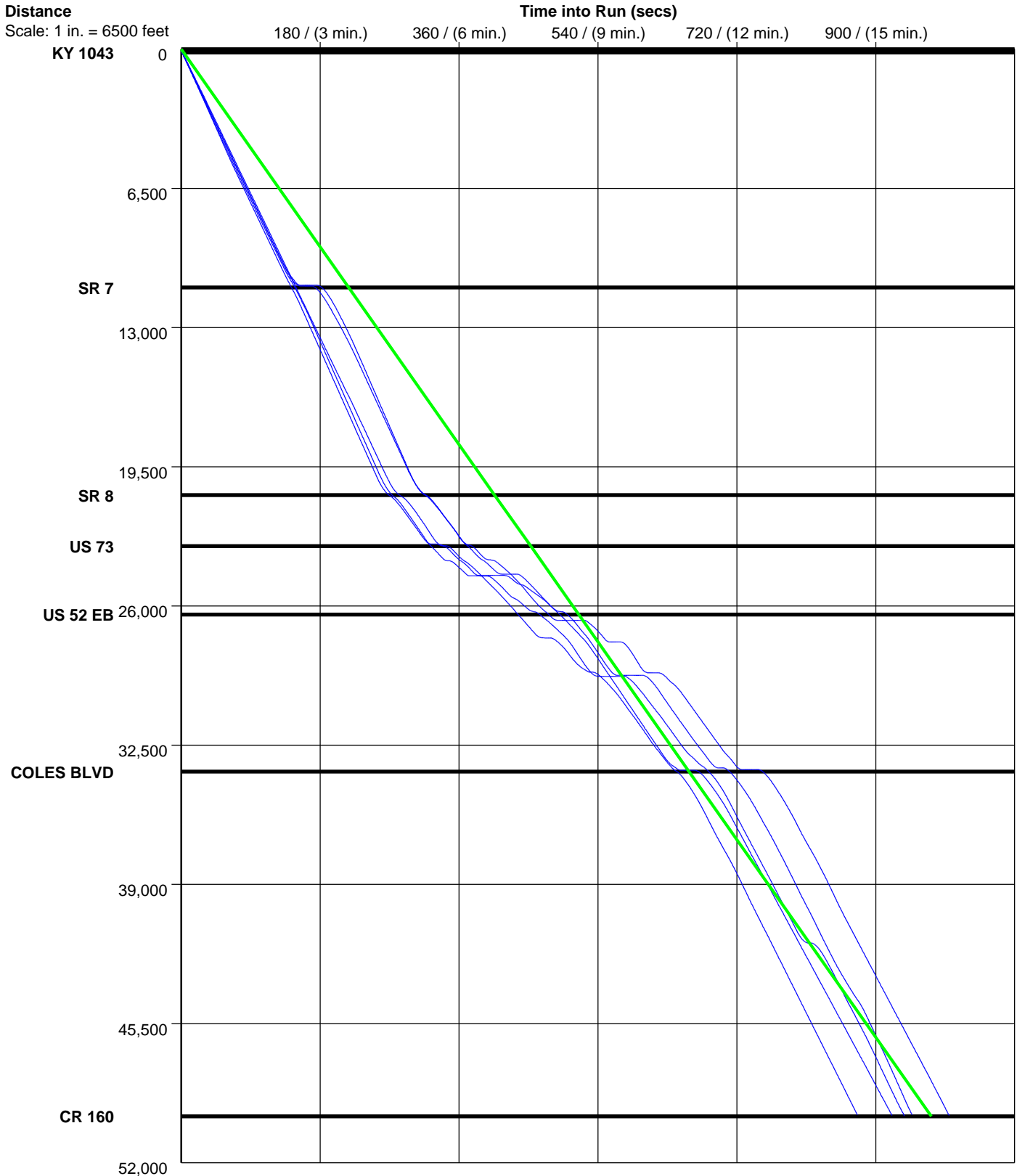
Node #	Length	Node Name	Fuel (gal)	HC (grams)	CO (grams)	NOx (grams)
1	0					
2	144	KY 1043	0.0015	0.1124	1.7283	0.0622
3	10973	SR 7	0.0947	4.2077	52.7410	1.3312
4	9697	SR 8	0.0850	4.0948	52.9561	1.6727
5	2388	US 73	0.0223	2.1342	19.5275	1.2475
6	3193	US 52 EB	0.0363	3.6663	26.9408	1.9467
7	7338	COLES BLVD	0.0735	6.8136	60.9185	3.4804
8	16096	CR 160	0.1362	8.4465	106.6672	4.0264
Total	49,829		0.4496	29.4756	321.4795	13.7671

Stats based on 5 BEFORE runs.

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Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 35 MPH