

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

Study Name : **US 23 SB 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-SB-001	07/24/12	09:29	49418	Before	Primary
US 23-SB-002	07/24/12	10:05	49504	Before	Primary
US 23-SB-003	07/24/12	10:42	49568	Before	Primary
US 23-SB-004	07/25/12	10:01	49451	Before	Primary
US 23-SB-005	07/25/12	10:35	49550	Before	Primary

Node Info

#	Len	Name
1	0	
2	7	CR 160
3	16304	COLES BLVD
4	7454	US 52 EB
5	2798	US 73
6	2430	SR 8
7	9760	SR 7
8	10745	KY 1043

Length of Study Route = 49,498 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	7	CR 160	2.4	0.0	2.0	2.4	0.2	2.4	2.4
3	16304	COLES BLVD	265.2	0.4	41.9	0.0	0.2	39.4	264.8
4	7454	US 52 EB	173.2	1.2	29.3	28.0	4.8	117.0	173.2
5	2798	US 73	170.0	3.2	11.2	115.0	41.4	170.0	170.0
6	2430	SR 8	81.4	0.8	20.4	33.6	17.6	78.0	81.4
7	9760	SR 7	161.8	0.6	41.1	0.0	18.0	36.2	161.8
8	10745	KY 1043	149.4	0.2	49.0	0.0	1.4	7.2	132.4
Total	49,498		1003.4	6.4	33.6	179.0	83.6	450.2	986.0

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

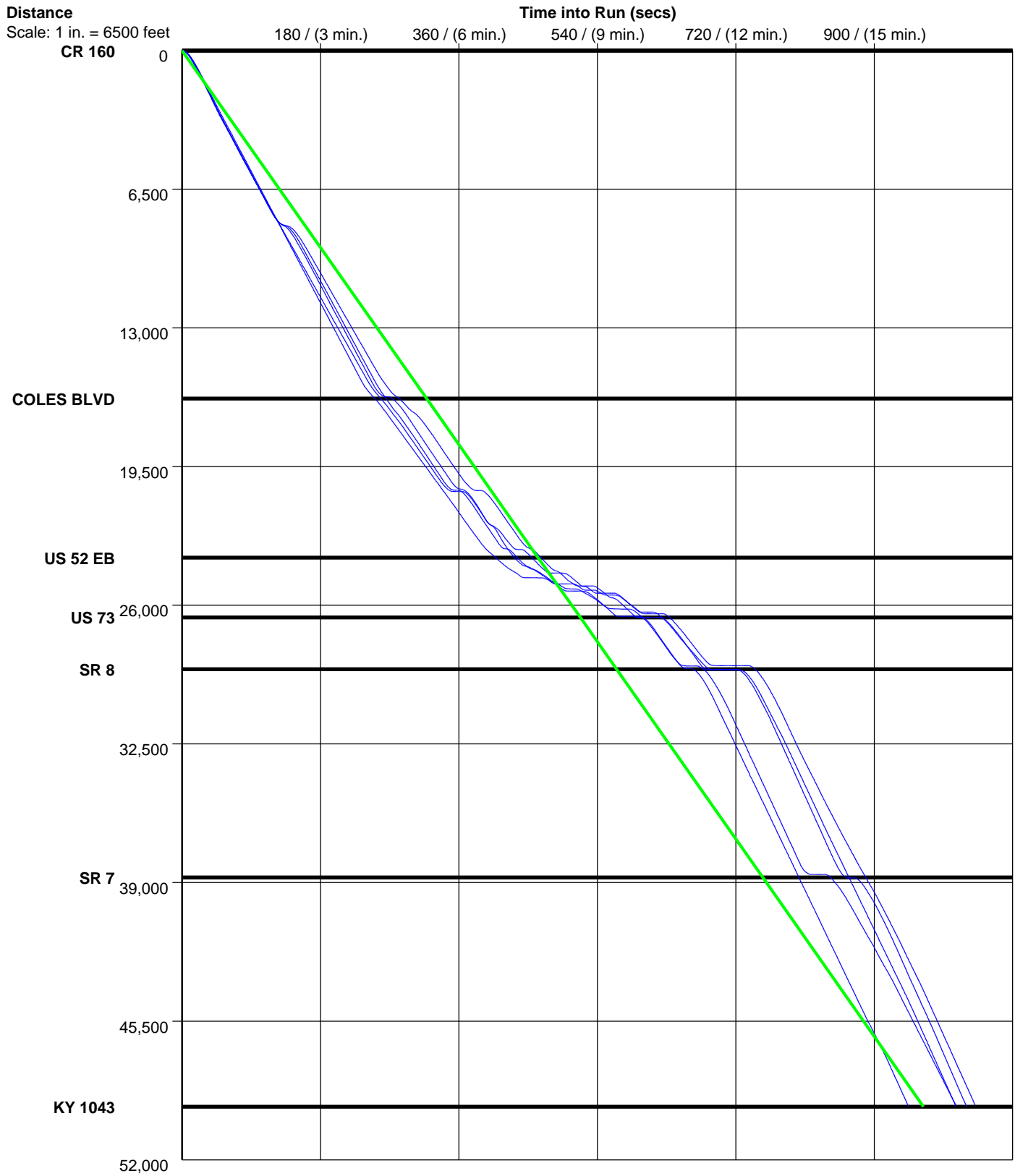
Node #	Length	Node Name	Fuel (gal)	HC (grams)	CO (grams)	NOx (grams)
1	0					
2	7	CR 160	0.0006	0.0586	0.2899	0.0269
3	16304	COLES BLVD	0.1419	9.7144	113.9158	5.1173
4	7454	US 52 EB	0.0676	6.0798	57.1968	3.4350
5	2798	US 73	0.0440	4.5005	31.3220	2.0611
6	2430	SR 8	0.0257	2.4211	21.3859	1.1805
7	9760	SR 7	0.0924	5.9193	72.3131	3.0222
8	10745	KY 1043	0.0944	5.0327	67.4136	2.2217
Total	49,498		0.4664	33.7264	363.8370	17.0646

Stats based on 5 BEFORE runs.

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Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 35 MPH