

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

Study Name : **US 23 NB PM**
 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	16:16	49696	Before	Primary
US 23-NB-002	07/24/12	16:53	49760	Before	Primary
US 23-NB-003	07/24/12	17:28	49830	Before	Primary
US 23-NB-004	07/25/12	16:58	49826	Before	Primary
US 23-NB-005	07/25/12	17:32	49529	Before	Primary

Node Info

#	Len	Name
1	0	
2	146	KY 1043
3	10922	SR 7
4	9691	SR 8
5	2401	US 73
6	3189	US 52 EB
7	7338	COLES BLVD
8	16041	CR 160

Length of Study Route = 49,728 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	146	KY 1043	2.4	0.0	41.5	0.0	0.0	0.0	2.4
3	10922	SR 7	144.6	0.2	51.5	0.0	0.0	2.8	141.4
4	9691	SR 8	130.2	0.0	50.7	0.0	0.0	11.2	96.0
5	2401	US 73	59.0	0.4	27.7	12.2	1.4	45.4	59.0
6	3189	US 52 EB	113.2	1.2	19.2	50.6	7.2	112.8	113.2
7	7338	COLES BLVD	222.0	2.4	22.5	78.8	38.0	162.8	222.0
8	16041	CR 160	243.0	0.4	45.0	0.0	1.4	29.2	229.6
Total	49,728		914.4	4.6	37.1	141.6	48.0	364.2	863.6

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

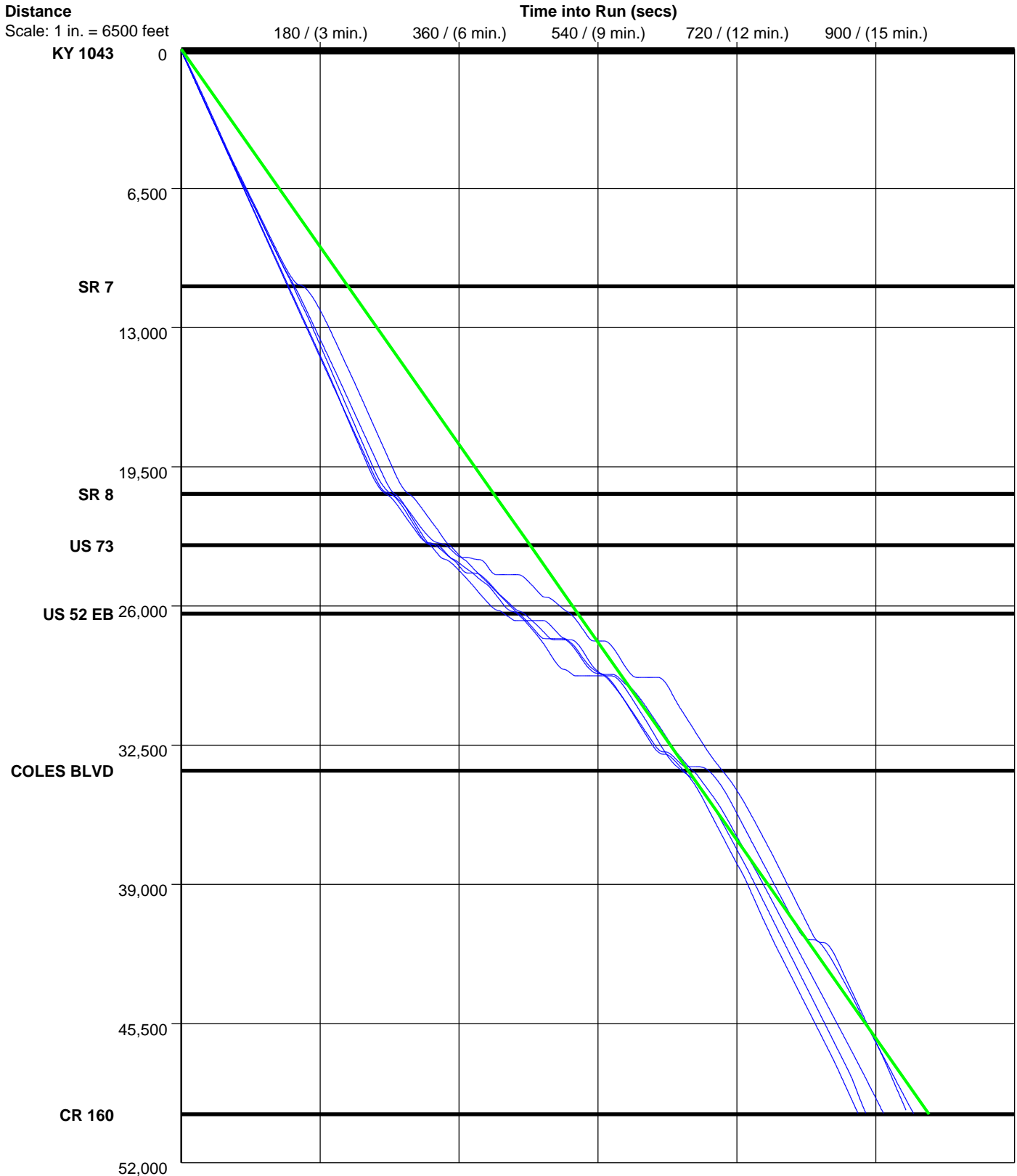
Node #	Length	Node Name	Fuel (gal)	HC (grams)	CO (grams)	NOx (grams)
1	0					
2	146	KY 1043	0.0015	0.0967	1.4120	0.0487
3	10922	SR 7	0.0937	3.7897	48.5174	1.1122
4	9691	SR 8	0.0855	3.8811	52.3858	1.4699
5	2401	US 73	0.0233	2.3018	21.4255	1.4458
6	3189	US 52 EB	0.0359	3.7176	28.3458	2.1443
7	7338	COLES BLVD	0.0798	7.9043	72.1086	4.5949
8	16041	CR 160	0.1400	9.0816	119.6218	4.5710
Total	49,728		0.4596	30.7727	343.8169	15.3868

Stats based on 5 BEFORE runs.

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Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 35 MPH