

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

Study Name : **US 23 SB AM**  
 Study Date : **8/1/2012**  
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**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	07:00	49615	Before	Primary
US 23-SB-002	07/24/12	07:37	49484	Before	Primary
US 23-SB-003	07/24/12	08:13	49465	Before	Primary
US 23-SB-004	07/25/12	07:24	49660	Before	Primary
US 23-SB-005	07/25/12	07:58	49479	Before	Primary

**Node Info**

#	Len	Name
1	0	
2	10	CR 160
3	16274	COLES BLVD
4	7438	US 52 EB
5	2813	US 73
6	2431	SR 8
7	9768	SR 7
8	10806	KY 1043

Length of Study Route = 49,540 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	10	CR 160	2.8	0.2	2.4	2.8	0.0	2.8	2.8
3	16274	COLES BLVD	270.6	0.8	41.0	0.0	2.2	43.4	270.0
4	7438	US 52 EB	185.8	1.6	27.3	40.6	16.4	126.6	185.8
5	2813	US 73	173.0	3.6	11.1	118.0	51.6	173.0	173.0
6	2431	SR 8	83.6	1.0	19.8	36.0	16.4	76.4	83.6
7	9768	SR 7	143.2	0.4	46.5	0.0	2.2	22.4	111.4
8	10806	KY 1043	145.2	0.0	50.7	0.0	0.0	4.4	129.2
<b>Total</b>	<b>49,540</b>		<b>1004.2</b>	<b>7.6</b>	<b>33.6</b>	<b>197.4</b>	<b>88.8</b>	<b>449.0</b>	<b>955.8</b>

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**

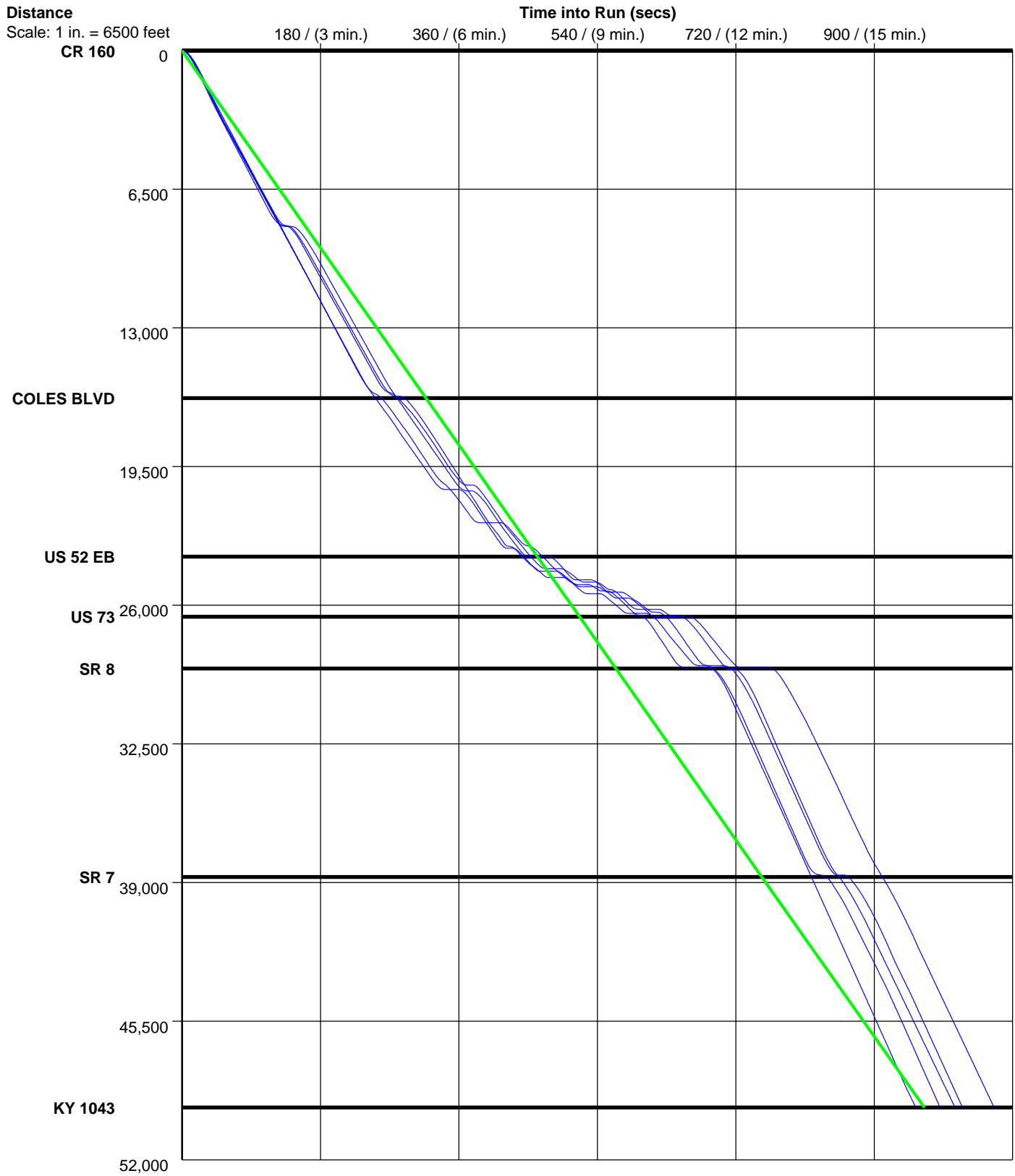
Node #	Length	Node Name	Fuel (gal)	HC (grams)	CO (grams)	NOx (grams)
1	0					
2	10	CR 160	0.0006	0.0667	0.3680	0.0283
3	16274	COLES BLVD	0.1430	9.8090	112.8234	5.1568
4	7438	US 52 EB	0.0675	5.8186	54.4613	2.9351
5	2813	US 73	0.0451	4.6515	33.1734	2.1612
6	2431	SR 8	0.0265	2.5444	22.4967	1.2775
7	9768	SR 7	0.0924	5.6396	69.7580	3.0769
8	10806	KY 1043	0.0943	4.7886	63.0209	2.0668
<b>Total</b>	<b>49,540</b>		<b>0.4693</b>	<b>33.3184</b>	<b>356.1018</b>	<b>16.7027</b>

Stats based on 5 BEFORE runs.

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**Time/Space Trajectories of All Runs**



**Solid Line is Normal Speed of 35 MPH**